TEIKIN™

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FOR ORIGINAL QUALITY

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PRODUCT
CATALOG VOL.

26

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ВСЕ ПРАВА ЗАЩИЩЕНЫ. НИ ОДНА ИЗ ЧАСТЕЙ ЭТОГО КАТАЛОГА НЕ МОЖЕТ БЫТЬ ВОСПРОИЗВЕДЕНА БЕЗ ПИСЬМЕННОГО СОГЛАСИЯ В ТОМ ИЛИ ИНОМ ВИДЕ: В МЕХАНИЧЕСКОМ, ЭЛЕКТРОННОМ ИЛИ В ГРАФИЧЕСКОМ, А ТАКЖЕ ПУТЁМ ФОТОКОПИРОВАНИЯ, СКАНИРОВАНИЯ, НА ЭЛЕКТРОННОМ НОСИТЕЛЕ И В ИНФОРМАЦИОННО-ПОИСКОВОЙ СИСТЕМЕ.

МЫ НЕ НЕСЁМ НИКАКОЙ ОТВЕТСТВЕННОСТИ В ТОМ СЛУЧАЕ, ЕСЛИ ПРЕДОСТАВЛЕННАЯ В КАТАЛОГЕ ИНФОРМАЦИЯ ЯВЛЯЕТСЯ НЕПОЛНОЙ, НЕКОРРЕКТНОЙ И/ИЛИ МОЖЕТ ПРИВЕСТИ К НЕГАТИВНЫМ ПОСЛЕДСТВИЯМ. ТАКЖЕ ПРЕДСТАВЛЕННАЯ НАМИ ИНФОРМАЦИЯ МОЖЕТ БЫТЬ ИЗМЕНЕНА ПО СОБСТВЕННОМУ УСМОТРЕНИЮ БЕЗ ПРЕДВАРИТЕЛЬНОГО УВЕДОМЛЕНИЯ.

ССЫЛКИ, ИЗОБРАЖЕНИЯ И ОПИСАНИЯ СООТВЕТСТВУЮТ НОМЕРАМ КОМПОНЕНТОВ, ДЕТАЛЕЙ ДВИГАТЕЛЯ И ИНЫХ ИЗДЕЛИЙ, А КОММЕРЧЕСКИЕ НАИМЕНОВАНИЯ В ЭТОМ КАТАЛОГЕ СЛУЖАТ ТОЛЬКО ДЛЯ ПОЯСНЕНИЯ И ДЛЯ ПЕРЕКРЁСТНЫХ ССЫЛОК И НЕ ПРЕДПОЛАГАЮТ ТОГО, ЧТО ЭТИ ИЗДЕЛИЯ ИЗГОТОВЛЕНЫ В ЦЕЛЯХ ПРОДВИЖЕНИЯ КОММЕРЧЕСКОГО НАИМЕНОВАНИЯ ФИРМЫ-ВЛАДЕЛЬЦА.

INFORMACIÓN DE PROPIEDAD Y RENUNCIA DE RESPONSABILIDAD

TODOS LOS DERECHOS RESERVADOS. NINGUNA PARTE DE ESTE CATÁLOGO PUEDE SER REPRODUCIDA POR NINGÚN MEDIO: MECÁNICO, ELECTRÓNICO O GRÁFICO, INCLUYENDO FOTOCOPIADO, GRABACIÓN, ESCANEADO O SISTEMA DE ALMACENAMIENTO Y RECUPERACIÓN DE INFORMACIÓN - SIN NUESTRO PERMISO ESPECÍFICO POR ESCRITO.

ESPECÍFICAMENTE NEGAMOS TODA RESPONSABILIDAD QUE SURJA DE ERRORES, OMISIONES Y DAÑOS QUE RESULTEN DE LA INFORMACIÓN DADA EN ESTE CATÁLOGO. DICHA INFORMACIÓN QUEDA SUJETA A CAMBIOS A NUESTRA DISCRECIÓN SIN PREVIO AVISO.

LAS REFERENCIAS, FIGURAS Y DESCRIPCIONES HECHAS A LOS NÚMEROS DE PARTE Y NOMBRES COMERCIALES DE LOS FABRICANTES DE AUTOMÓVILES, MOTORES Y OTROS EN ESTE CATÁLOGO SON SÓLO PARA EL PROPOSITO DE EXPLICACIÓN Y REFERENCIAS CRUZADAS Y NO IMPLICAN QUE ESTAS PARTES SEAN FABRICADAS POR O PARA LOS PROPIETARIOS DE LOS NOMBRES COMERCIALES.

MAIN PISTON FACTORY

ГЛАВНЫЙ ПОРШНЕВОЙ ЗАВОД
FÁBRICA DE PISTONES PRINCIPAL

PISTON PRODUCTION PROCESS

ПРОЦЕСС ПРОИЗВОДСТВА ПОРШНЕЙ
PROCESO DE PRODUCCIÓN DE PISTONES

PRODUCTION

ALUMINUM MELTING

PISTON CASTING

CASTING RISERS REMOVAL

MACHINING

ANODIZATION

DEGREASING

QUALITY CONTROL

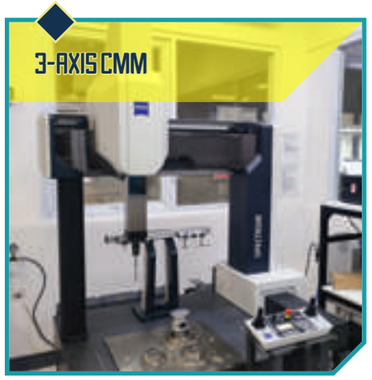
VISUAL INSPECTION

3D SCAN

RING GROOVES MEASUREMENT

HARDNESS TEST

3-AXIS CMM



ROUNDNESS TESTER

TEIKIN™ PISTONS VS OTHER BRANDS

Comparison of Material Used

Piston for Mazda SS - K2700 (Teikin No. 42198)

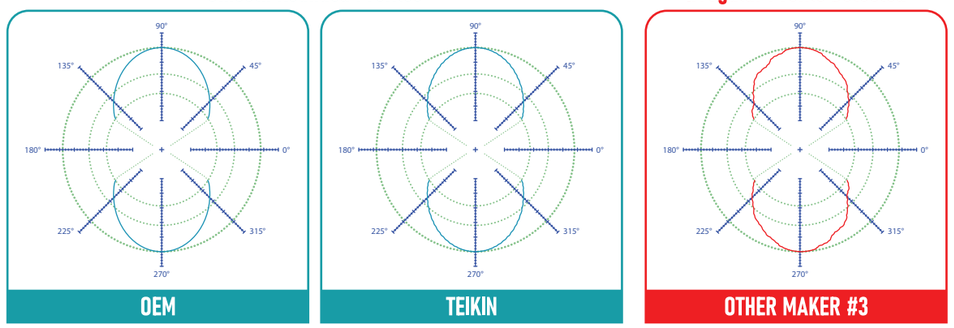
Element		Specification* (%)	Teikin (%)	Other Maker #1 (%)
Cu	Copper	0.8 - 1.3	1.0612	1.7331
Si	Silicon	11.0 - 13.0	12.137	9.7297
Mg	Magnesium	0.8 - 1.3	1.0833	0.83999
Zn	Zinc	0.15 max	0.05027	0.28011
Fe	Iron	0.7 max	0.45063	0.65748
Mn	Manganese	0.15 max	0.05827	0.22084
Ni	Nickel	0.8 - 1.5	1.3726	0.66118
Ti	Titanium	0.2 max	0.03490	0.07853
Cr	Chromium	0.10 max	0.02110	0.03685
Sn	Tin	0.05 max	0.02013	0.02378
Pb	Lead	0.05 max	0.021268	0.05692

*Specification based upon Japanese Industrial Standard Number D3104 - 1996

Comparison of Piston Skirt Roundness Profile Magnified at 200x

Piston for Toyota 2Y (Teikin No. 46119)

Smooth Rounded Profiles | Irregular Profile Detected



OEM | TEIKIN | OTHER MAKER #3

Comparison of Crown Flatness

Piston for Mitsubishi 4D55 / 4D56 (Teikin No. 43171)

OEM
(0.05 / 100 mm MAX)

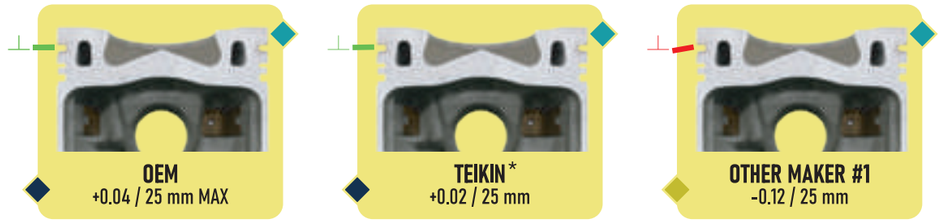
TEIKIN*
(0.02 / 100 mm)

OTHER MAKER #2
(0.28 / 100 mm)

*Allowable flatness is 0.05 mm max - as per Design Manual Edico Utama, P.T.

Comparison of Ring Groove Perpendicularity

Piston for Mitsubishi 4M51T ALFIN GALLERY (Teikin No. 43683AG)



OEM
+0.04 / 25 mm MAX

TEIKIN*
+0.02 / 25 mm

OTHER MAKER #1
-0.12 / 25 mm

*Allowable perpendicularity is 0.04 mm per 25 mm as per Japanese Industrial Standard D3104 - 1996

Comparison of Pin Hole Perpendicularity

Piston for Kia RFA (Teikin No. 52650AG)

TEIKIN*
+0.02 / 100 mm

OTHER MAKER #2
+0.22 / 100 mm

*Allowable perpendicularity for (a-b) is 0.05 mm max per 100 mm as per Japanese Industrial Standard Number D3104 - 1996

WHY TEIKIN™ PISTONS ARE THE BEST FOR YOUR ENGINES?

- Outstanding Quality Material as per OEM specifications
- 100% Brand New Primary Virgin Aluminum Ingot
- Minimal Presence of Metal Impurities in Material to Maximize Piston Performance
- Hard Metals of Nickel and Silicon to Maximize Piston Hardness and Limit Piston Expansion
- Eutectic and Hyper Eutectic Aluminum Alloy
- Precise Heat Treatment & Stress Relief Procedure for Maximum Material Strength
- Guaranteed to Meet or Exceed OEM Specifications
- Guaranteed Ring Grooves Perpendicularity
- Guaranteed Pin Hole Perpendicularity
- Guaranteed Outer Diameter Roundness Profile
- Guaranteed Crown Flatness
- Non - Magnetic Alfin Inserts Reinforcement
- Cooling Gallery Channel
- Electroplated Expansion Control Strut
- OEM Quality Surface Treatments
  - Tin coating
  - Anodized Crown
  - Moly Skirt

ПОРШНЕЙ TEIKIN™ С ДРУГИМИ БРЕНДАМИ

Сравнение Используемых Материалов

Поршни Для Mazda SS-K2700 (Teikin No. 42198)

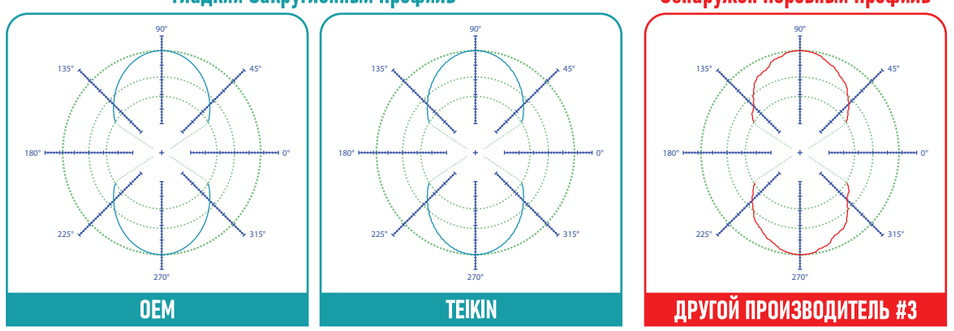
Элемент		Спецификация* (%)	Teikin (%)	Другой Производитель #1 (%)
Cu	Медь	0.8 - 1.3	1.0612	1.7331
Si	Кремний	11.0 - 13.0	12.137	9.7297
Mg	Магний	0.8 - 1.3	1.0833	0.83999
Zn	Цинк	0.15 max	0.05027	0.28011
Fe	Железо	0.7 max	0.45063	0.65748
Mn	Марганец	0.15 max	0.05827	0.22084
Ni	Никель	0.8 - 1.5	1.3726	0.66118
Ti	Титан	0.2 max	0.03490	0.07853
Cr	Хром	0.10 max	0.02110	0.03685
Sn	Олово	0.05 max	0.02013	0.02378
Pb	Свинец	0.05 max	0.021268	0.05692

*Спецификация основана на японском промышленном стандарте номер D3104 - 1996

Сравнение Профиля Круглости Юбки Поршня (Увеличение В 200 Раз)

Поршни Для Toyota 2Y (Teikin No. 46119)

Гладкий Закругленный Профиль



OEM

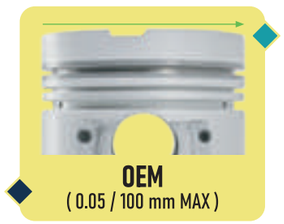
TEIKIN

Обнаружен Неровный Профиль

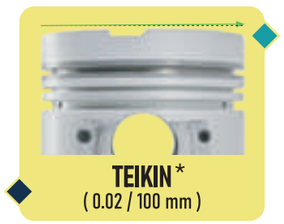
ДРУГОЙ ПРОИЗВОДИТЕЛЬ #3

Сравнение Головки Верхней Плоскости Поршня

Поршни Для Mitsubishi 4D55 / 4D56 (Teikin No. 43171)



OEM
(0.05 / 100 mm MAX)



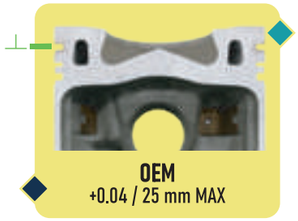
TEIKIN*
(0.02 / 100 mm)

ДРУГОЙ ПРОИЗВОДИТЕЛЬ #2
(0.28 / 100 mm)

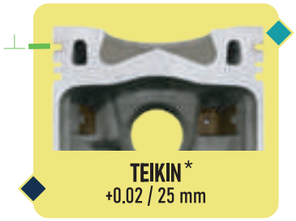
*Допуски 0,05 мм не более - Разработка Manual Edico Utama, P.T.

Сравнение Перпендикулярности Кольцевых Канавок

Поршни Для Mitsubishi 4M51T ALFIN GALLERY (Teikin No. 43683AG)



OEM
+0.04 / 25 mm MAX



TEIKIN*
+0.02 / 25 mm

ДРУГОЙ ПРОИЗВОДИТЕЛЬ #1
-0.12 / 25 mm

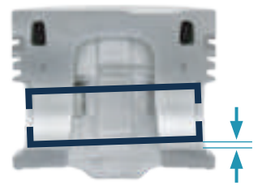
*Допустимая перпендикулярность составляет 0,04 мм на 25 мм согласно японскому промышленному стандарту D3104 – 1996

Сравнение Перпендикулярностей Контактных Отверстий Для Поршневых Пальцев

Поршни Для Kia RFA (Teikin No. 52650AG)

TEIKIN*
+0.02 / 100 mm

ДРУГОЙ ПРОИЗВОДИТЕЛЬ #3
+0.22 / 100 mm



*Допустимая перпендикулярность (a–b) минимальная 0,05 мм максимальная 100 мм в соответствии с японским промышленным стандартом номер D3104 – 1996

ПОЧЕМУ ПОРШНИ TEIKIN™ ЕТО ЛУЧШЕЕ ДЛЯ ВАШЕГО ДВИГАТЕЛЯ?

- Качества материала, как в OEM-спецификации
- 100% новый, первичный алюминий
- Минимальное наличие металлических примесей в материале для достижения максимальной производительности
- Твердые сплавы никеля и кремния s максимальной твердостью
- Эвтектический и гипер эвтектический сплав аллюминия
- Точная термообработка и процедура снятия напряжения для максимальной прочности материала
- Качество соответствует OEM
- Гарантия перпендикулярности кольцевых канавок
- Гарантия перпендикулярности контактных отверстий
- Гарантия внешего диаметра округлости профиля
- Гарантированная плоскость головки
- Немагнитные укрепляющие альфин встаки
- Кольцевой канал охлаждения
- Поршни с кольцевой вставкой, управляющей тепловым расширением
- Покрытие поверхности с качеством OEM
  - › Покрытие оловом
  - › Анодированная головка
  - › Молибденовая юбка

PISTONES TEIKIN™ VS OTRAS MARCAS

Comparativa De Los Materiales Utilizados

Piston para Mazda SS-K2700 (Teikin No. 42198)

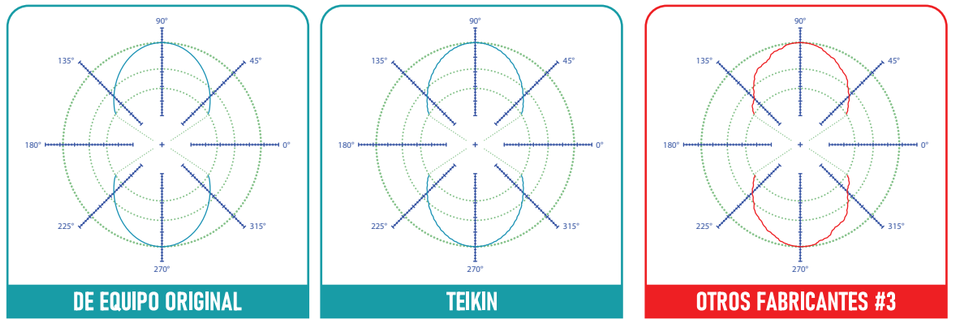
Elemento		Especificación* (%)	Teikin (%)	Otros Fabricantes #1 (%)
Cu	Cobre	0.8 - 1.3	1.0612	1.7331
Si	Silicon	11.0 - 13.0	12.137	9.7297
Mg	Magnesio	0.8 - 1.3	1.0833	0.83999
Zn	Zinc	0.15 max	0.05027	0.28011
Fe	Hierro	0.7 max	0.45063	0.65748
Mn	Manganeso	0.15 max	0.05827	0.22084
Ni	Niquel	0.8 - 1.5	1.3726	0.66118
Ti	Titanio	0.2 max	0.03490	0.07853
Cr	Cromo	0.10 max	0.02110	0.03685
Sn	Lata	0.05 max	0.02013	0.02378
Pb	Plomo	0.05 max	0.021268	0.05692

*Especificación basada en normas de la Industria Japonesa número D3104 - 1996

Comparación Del Perfil De Redondez De La Falda Del Pistón Ampliado 200 Veces

Piston para Toyota 2Y (Teikin No. 46119)

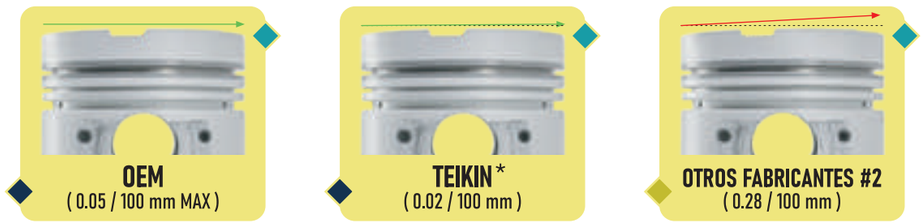
Perfiles Redondos y Suaves | Perfil Irregular Detectado



DE EQUIPO ORIGINAL | TEIKIN | OTROS FABRICANTES #3

Comparación De Las Coronas Planas

Piston para Mitsubishi 4D55 / 4D56 (Teikin No. 43171)



OEM (0.05 / 100 mm MAX)

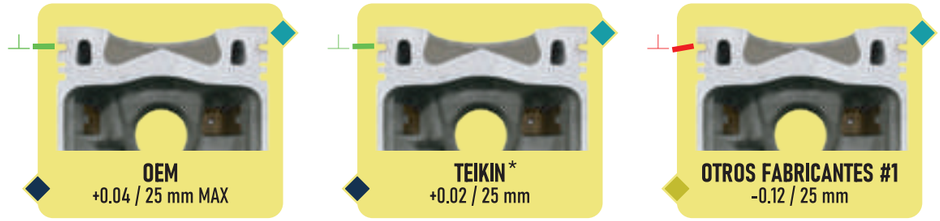
TEIKIN* (0.02 / 100 mm)

OTROS FABRICANTES #2 (0.28 / 100 mm)

*Planitud permitida de 0.05mm max. - segun el diseño manual de Edico Utama, P.T.

Comparación De La Perpendicularidad De Las Ranuras En Los Anillos

Piston para Mitsubishi 4M51T ALFIN GALLERY (Teikin No. 43683AG)



OEM +0.04 / 25 mm MAX

TEIKIN* +0.02 / 25 mm

OTROS FABRICANTES #1 -0.12 / 25 mm

*Perpendicularidad permitida de 0,04 mm por 25 mm según la norma industrial Japonesa D3104 - 1996

Comparación De La Perpendicularidad De Los Agujeros

Piston para Kia RFA (Teikin No. 52650AG)

TEIKIN* +0.02 / 100 mm

OTROS FABRICANTES #2 +0.22 / 100 mm

*Perpendicular permitida para (a-b) es 0.05mm max. por 100mm según la norma de la industria Japonesa número D3104 - 1996

POR QUE RAZONES TEIKIN™ TIENE LOS MEJORES PISTONES PARA SUS MOTORES?

- Materiales De Calidad Excelente, Regidas Por Las Especificaciones De Equipo Original
- Lingotes De Alumino 100% Nuevos Y Virgenes
- Presencia Minima De Impureza En Los Metales Para Maximizar El Rendimiento
- Metales Rígidos De Niquel Y Silicona Para Maximizar La Rigidez Y Limitar La Expansion De Los Pistones
- Aleación De Aluminio Eutéctica E Hiper Eutéctica
- Preciso Taratamiento De Calor Y Procedimiento De Alivio De Tensión Para Maximizar La Fuerza Del Material
- Garantizado Para Satisfacer Y Sobrepasar Las Expecificaciones De Equipos Originales
- Perpendicularidad De La Ranura De Los Anillos Garantizada
- Perpendicularidad De Los Agujeros Garantizada
- Diámetro De Redondez Exterior Garantizado
- Coronas Planas Garantizadas
- Refueroz No Magnéticos
- Canal De Enfriamiento
- Estructura Galvanizada Para El Control De Expansion
- Tratamientos De Acabados Con Calidad De Equipo Original
  - › Recubrimiento Opaco
  - › Corona Anodizada
  - › Falda De Molibdeno

COOLING GALLERY

КОЛЬЦЕВОЙ КАНАЛ ОХЛАЖДЕНИЯ

CAMARA DE ENFRIAMIENTO

PISTON WITH COOLING GALLERY

ARE CREATED FOR OPERATION IN HIGH TEMPERATURE ENVIRONMENT SUCH AS IN TURBO ENGINES. THROUGH OIL CIRCULATION IN THE GALLERY, PISTONS ARE INTENSIVELY COOLED IN THE PISTON CROWN AND RING BELT AREA.

SUCH COOLING EFFECT ALSO RESULT IN SMALLER EXPANSION THUS ALLOWING FOR SMALLER BORE-TO-PISTON CLEARANCE RESULTING IN SMOOTHER AND MORE FUEL EFFICIENT ENGINES. THESE TYPE OF PISTONS ALLOW ENGINE DESIGNERS TO CREATE MORE POWERFUL YET FRIENDLY TO THE ENVIRONMENT.

ПОРШЕНЬ С КОЛЬЦЕВЫМ КАНАЛОМ ОКЛАЖДЕНИЯ

СОЗДАНЫ ДЛЯ ЭКСПЛЯТАЦИИ V УСЛОВИЯХ ВЫСОКИХ ТЕМПЕРАТУРЫ (НАПРИНМЕР В ТЫРБОДВИГАТЕЛЯХ). ПОСРЕДСТВОМ ЦИРКУЛЯЦИИ МАСЛА В КОЛЬЦЕВОМ КАНАЛЕ ОХЛАЖДАЕТСЯ ГОЛОВКА И ПОРШНЯ КОЛЬЦА.

V РЕЗУЛЬТАТЕ ОХЛАЖДЕНИЯ ДОСТИГАЕТСЯ МЕНЬШЕЕ РАСШИРЕНИЕ В ПОРШНЕВОМ ЗАЗОРЕ ЧТО ПРИВОДИТ К БОЛЕЕ ПЛАВНОЙ ЭКОНОМИЧНОЙ РАБОТЕ ДВИГАТЕЛЯ. ЭТОТ ТИП ПОРШНЕЙ ПОЗВОЛЯЕТ КОНСТРУКТОРАМ СОЗДАВАТЬ БОЛЕЕ МОЩНЫЕ, НО В ДО ЖЕ ВРЕМЯ И БОЛЕЕ ЭКОЛОГИЧЕСКИ ДРУЖЕСТВЕННЫЕ ДВИГАТЕЛИ.

PISTON CON CAMARA DE ENFRIAMIENTO

HAN SIDO CREADOS PARA FUNCIONAR EN ENTORNOS DE ALTA TEMPERATURA, COMO EN MOTORES TURBO. A TRAVÉS DE LA CIRCULACIÓN DE ACEITE EN LA CAMARA, LOS PISTONES SE ENFRÍAN INTENSAMENTE EN LA CORONA DEL PISTÓN Y EN LA ZONA DE LA BANDA DE ANILLO. NEGAMOS ESPECÍFICAMENTE CUALQUIER RESPONSABILIDAD QUE SURJA DE ERRORES, OMISIONES Y DAÑOS QUE RESULTEN DE LA INFORMACIÓN DADA EN ESTE CATÁLOGO.

TAL EFECTO DE ENFRIAMIENTO RESULTA EN UNA DISMINUCIÓN DE EXPANSIÓN, LO QUE PERMITE UN MENOR ESPACIO ENTRE EL DIÁMETRO Y EL PISTÓN, OTORGANDO COMO RESULTADO; MOTORES MÁS SUAVES Y EFICIENTES EN CUANTO AL CONSUMO DE COMBUSTIBLE. ESTE TIPO DE PISTONES

PERMITEN A LOS DISEÑADORES DE MOTORES CREAR MOTORES MÁS POTENTES Y RESPETUOSOS CON EL MEDIO AMBIENTE.

ALFIN REINFORCEMENT

АЛЬФИН ВСТАВКА

REFUERZO ALFIN

PISTON WITH ALFIN REINFORCEMENT

ARE RESISTANT TO COMPRESSION RING GROOVE WEAR. THE ALFIN REINFORCEMENT ALSO ACT AS A HEAT BARRIER MINIMIZING HEAT CONDUCTION FROM PISTON SKIRT AREA. SUCH PISTONS CAN THUS WITHSTAND THE DEMAND FOR HIGHER LOAD AND HIGHER PERFORMANCE ENGINE.

ПОРШЕНИ С АЛЬФИН ВСТАВКОЙ

УСТОЙЧИВЫ К ИЗНОСУ КАНАВКИ КОМПРЕССИОННОГО КОЛЬЦА. АЛЬФИН ВСТАВКА ТАКЖЕ СЛУЖИТ ТЕПЛОВИМ БАРЕРОМ И СПОСОБСТВУЕТ МИНИМИЗАЦИИ ТЕПЛОПРОДНОСТИ ОТ ПОВЕРХНОСТИ ЮБКИ ПОРШНЯ. ТАКИЕ ПОРШНИ МОГУТ БЫТЬ ИСПОЛЬЗОВАНЫ ТАМ, ГДЕ ТРЕБЕТСЯ ВЫСОКАЯ НАГРУЗКА И БОЛЬШАЯ ЭФФЕКТИВНОСТЬ ДВИГАТЕЛЯ.

PISTÓN CON REFUERZO DE ALFIN

SON RESISTENTES AL DESGASTE DE LA RANURA DEL ANILLO DE COMPRESIÓN. EL REFUERZO ALFIN TAMBIÉN ACTÚA COMO UNA BARRERA TÉRMICA QUE MINIMIZA LA CONDUCCIÓN DE CALOR DEL ÁREA DE LA FALDA DEL PISTÓN. ESTOS PISTONES PUEDEN SOPORTAR LA DEMANDA DE UN MOTOR DE MAYOR CARGA Y MAYOR RENDIMIENTO.

ANODIZED CROWN

АНОДИРОВАННАЯ КОРОНА

CORONA ANODIZADA

MOLYBDENUM COATING

МОЛИБДЕНОВОЕ ПОКРЫТИЕ

RECUBRIMIENTO MOLIBDENO

ANODIZED CROWN & MOLYBDENUM-COATED SKIRT

ANODIZATION OF PISTON CROWN CREATES A HARD CROWN SURFACE THUS PROVIDING PISTONS WITH EXTRA PROTECTION AGAINST CROWN PITING AND WEAR.

THE MOLYBDENUM COATED SKIRT PRODUCES LESS FRICTIONAL HEAT AND ENGINE NOISE. THE EXTRA LUBRICATIVE EFFECT ALSO MINIMIZE CYLINDER BORE WEAR AND PREVENT PISTON SCUFFING.

АНОДИРОВАННАЯ ГОЛОВКА ПОРШНЯ И МОЛИБДЕНОВОЕ ПОКРЫТИЕ ЮБКИ

АНОДИРОВАНИЕ ГОЛОВКИ ПОРШНЯ СОЗДАЁТ ДОПОЛНИТЕЛЬНУЮ ЗАЩИТУ И ПРИДАЁТ ЕЙ ДОПОЛНИТЕЛЬНУЮ ЗАЩИТУ ОТ ТОЧЕЧНОЙ КОРРОЗИИ И ИЗНОСА.

МОЛИБДЕНОВОЕ ПОКРЫТИЕ ПОЗВОЛЯЕТ УМЕНЬШИТЬ ФРИКЦИОННЫЙ НАГРЕВ И УРОВЕНЬ ШУМА ДВИГАТЕЛЯ. ЭКСТРЕННОЕ СМАЗЫВАЮЩЕЕ ВЛИЯНИЕ ТАКЖЕ УМЕНЬШАЕТ ИЗНОС ЦИЛИНДРА И ПРЕДОТВРАЩАЕТ ЗАДИР ПОРШНЯ.

CORONA ANODIZADA Y FALDON RECUBIERTO DE MOLIBDENO

LA ANODIZACIÓN DE LA CORONA DEL PISTÓN CREA UNA SUPERFICIE DURA, LO QUE PROPORCIONA A LOS PISTONES UNA PROTECCIÓN EXTRA CONTRA LAS PICADURAS Y EL DESGASTE DE LA CORONA.

EL FALDÓN RECUBIERTO DE MOLIBDENO PRODUCE MENOS CALOR POR FRICCIÓN Y MENOS RUIDO DEL MOTOR. EL EFECTO LUBRICANTE ADICIONAL TAMBIÉN MINIMIZA EL DESGASTE DEL DIÁMETRO DEL CILINDRO Y EVITA EL DESGASTE DEL PISTÓN.

SURFACE TREATMENT
ОБРАБОТКА ПОВЕРХНОСТИ
TRATAMIENTO DE SUPERFICIE

TIN COATING

ПОКРЫТИЕ ОЛОВОМ

RECUBRIMIENTO DE ESTAÑO

PISTON WITH TIN-COATED SURFACE

TIN COATED SURFACE PROVIDES EXTRA LUBRICATION AND SMOOTHER RUNNING OF CYLINDER COMPONENTS RESULTING IN LONGER ENGINE LIFETIME.

ПОРШЕНЬ С ПОВЕРХНОСТЬЮ ПОКРЫТОЙ ОЛОВОМ

ПОВЕРХНОСТЬ, ПОКРЫТАЯ ОЛОВОМ ОБЕСПЕЧИВАЕТ ДОПОЛНИТЕЛЬНУЮ СМАЗКУ И БОЛЕЕ ПЛАВНЫЙ ХОД КОМПОНЕНТОВ ЦИЛИНДРА, ЧТО СПОСОБСТВУЕТ ПРОДОЛЖИТЕЛЬНОСТИ МОТОРЕСУРСА ДВИГАТЕЛЯ.

PISTÓN CON SUPERFICIE DE ESTAÑO

LA SUPERFICIE RECUBIERTA DE ESTAÑO PROPORCIONA UNA LUBRICACIÓN ADICIONAL Y UN FUNCIONAMIENTO MÁS SUAVE DE LOS COMPONENTES DEL CILINDRO, LO QUE SE TRADUCE EN UNA MAYOR VIDA ÚTIL DEL MOTOR.

CYLINDER LINERS
ГИЛЬЗЫ БЛОКА ЦИЛИНДРОВ
CAMISAS DE CILINDRO

PACKAGING
УПАКОВКА
EMBALAJE

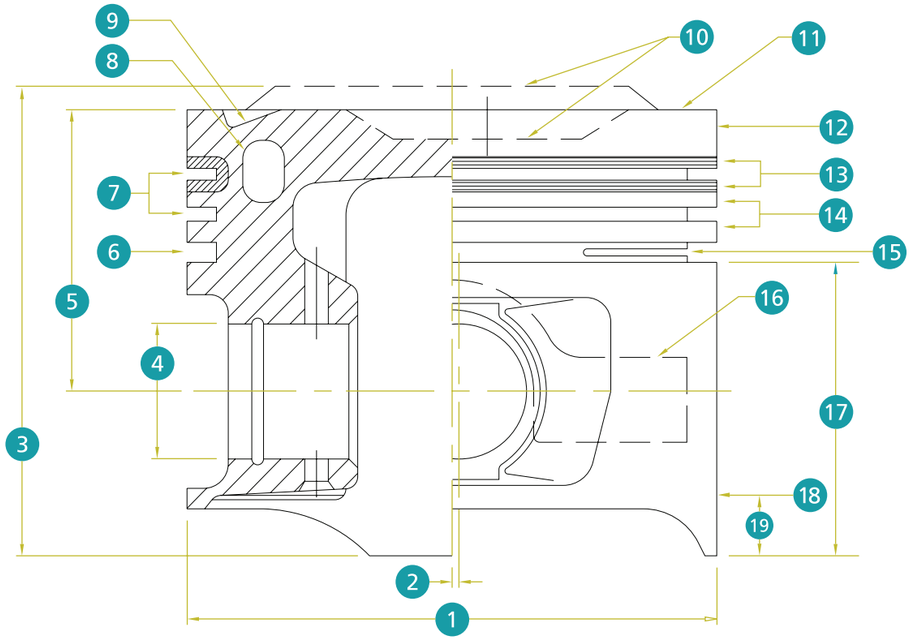
PACKAGING CONTENTS
СОДЕРЖИМОЕ УПАКОВКИ
CONTENIDO DEL EMBALAJE

ENGINE PISTONS SET

PISTONS KIT

LINERS KIT SET

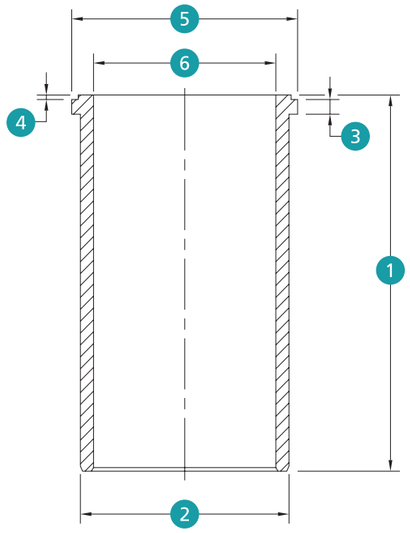
PISTON TERMINOLOGY



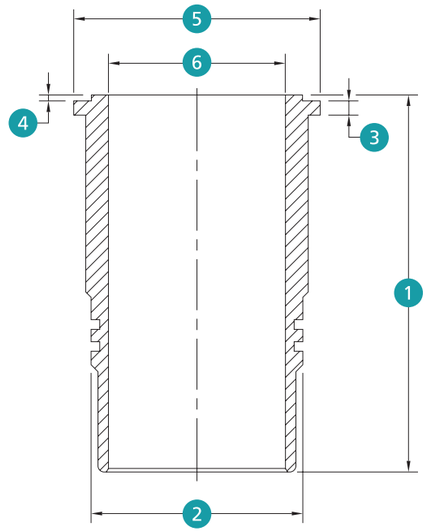
01. PISTON SKIRT DIAMETER
02. ECCENTRICITY OF PIN AXIS AGAINST PISTON AXIS
03. TOTAL PISTON LENGTH
04. GUDGEON PIN HOLE DIAMETER
05. COMPRESSION DISTANCE
06. OIL RING GROOVE
07. FIRST AND SECOND COMPRESSION RING GROOVES
08. OIL COOLING GALLERY
09. VALVE POCKET
10. DEPRESSED COMBUSTION CHAMBER OR RAISED CROWN
11. PISTON CROWN
12. CROWN LAND
13. ALFIN REINFORCEMENT
14. RING LAND
15. OIL SLIT GROOVE
16. HIDDEN STEEL STRUTS
17. SKIRT AREA
18. POINT OF MRC MEASUREMENT (Minimum Recommended Clearance)
19. HEIGHT OF MP (Measuring Point)

CYLINDER LINER TERMINOLOGY

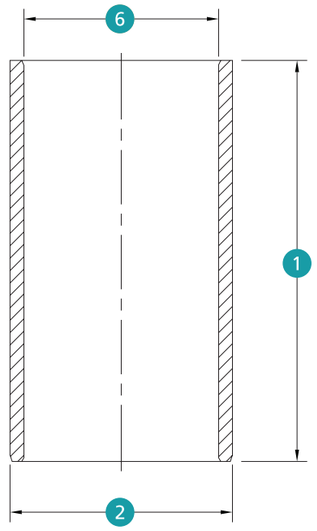
DRY TYPE WTH FLANGE



WET TYPE WITH FLANGE



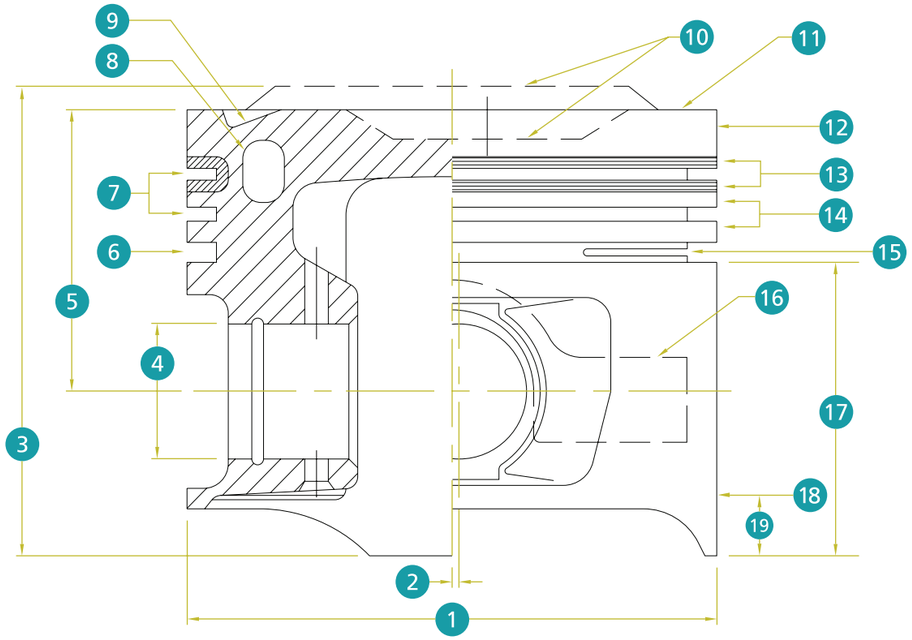
DRY TYPE WITHOUT FLANGE



1. TOTAL LENGTH (TL)
2. OUTER DIAMETER (OD)
3. FLANGE THICKNESS (FT)
4. FIRE LIP HEIGHT (+)
5. FLANGE DIAMETER (FD)
6. INNER DIAMETER
   - FULLY FINISHED TYPE (FF)
   - SEMI FINISHED TYPE (SF)

LSX - Liners are Semi-Finished & Without Flange
LSF - Liners are Semi-Finished & With Flange
LFX - Liners are Fully-Finished & Without Flange
LFF - Liners are Fully-Finished & With Flange
LCX - Liners are Chromed & Without Flange
LCF - Liners are Chromed & With Flange

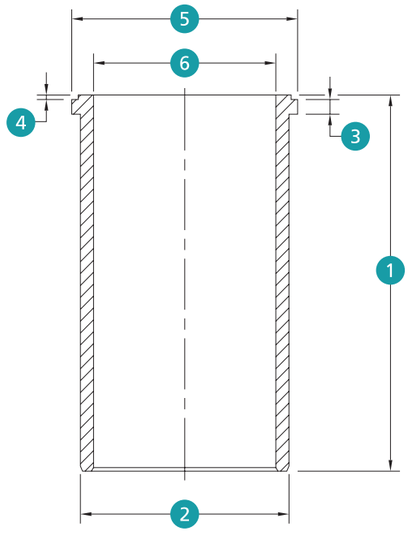
ТЕРМИНЫ ПОРШНЯ



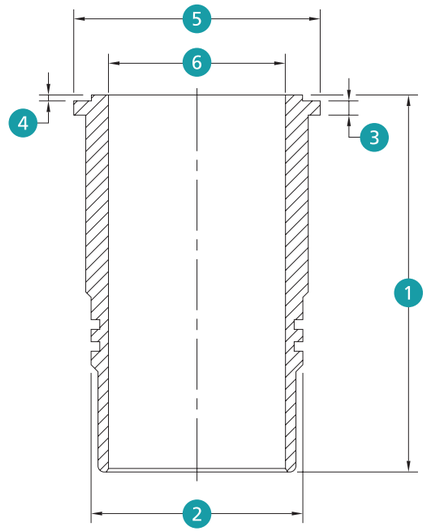
01. ДИАМЕТР (ДИАМЕТР ЦИЛИНДРА)
02. ЭКСЦЕНТРИСИТЕТ ОСИ ПАЛЬЦА ОТНОСИТЕЛЬНО ОСИ ПОРШНЯ
03. ОБЩАЯ ВЫСОТА ПОРШНЯ
04. ДИАМЕТР ОТВЕРСТИЯ ДЛЯ ПОРШНЕВОГО ПАЛЬЦА
05. КОМПРЕССИОННАЯ ВЫСОТА ПОРШНЯ
06. КАНАВКА ДЛЯ МАСЛОСЪЕМНОГО КОЛЬЦА
07. КАНАВКИ ДЛЯ КОМПРЕССИОННЫХ КОЛЕЦ
08. КАНАЛ МАСЛЯНОГО ОХЛАЖДЕНИЯ
09. КАРМАН КЛАПАНА
10. ПОЛОСТЬ КАМЕРЫ СГОРАНИЯ ИЛИ ВЫСОТА ГОЛОВКИ ПОРШНЯ
11. ГОЛОВКА ПОРШНЯ
12. ЖАРОВОВОЙ ПОЯС
13. АЛФИН ВСТАВКА
14. УПЛОТНЯЮЩИЙ ПОЯС
15. ОТВЕРСТИЕ ДЛЯ ОБРАТНОГО СТОКА МАСЛА
16. СКРЫТЫЕ МЕТАЛЛИЧЕСКИЕ РАСПОРКИ
17. НАПРАВЛЯЮЩИЙ ПОЯС
18. ТОЧКА ИЗМЕРЕНИЯ MRC (МИНИМАЛЬНЫЙ РЕКОМЕНДОВАННЫЙ ЗАЗОР)
19. ВЫСОТА ТОЧКИ ИЗМЕРЕНИЯ

ТЕРМИНЫ И ТИПЫ ГИЛЬЗ

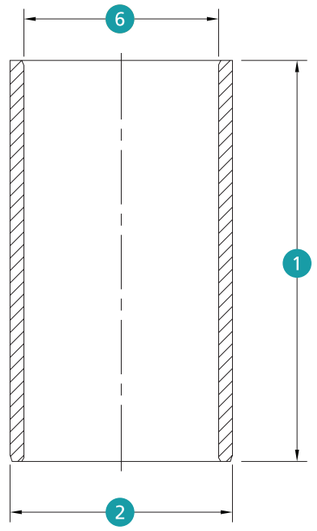
СУХИЕ ГИЛЬЗЫ БУРТОМ



МОКРЫЕ ГИЛЬЗЫ С БУРТОМ



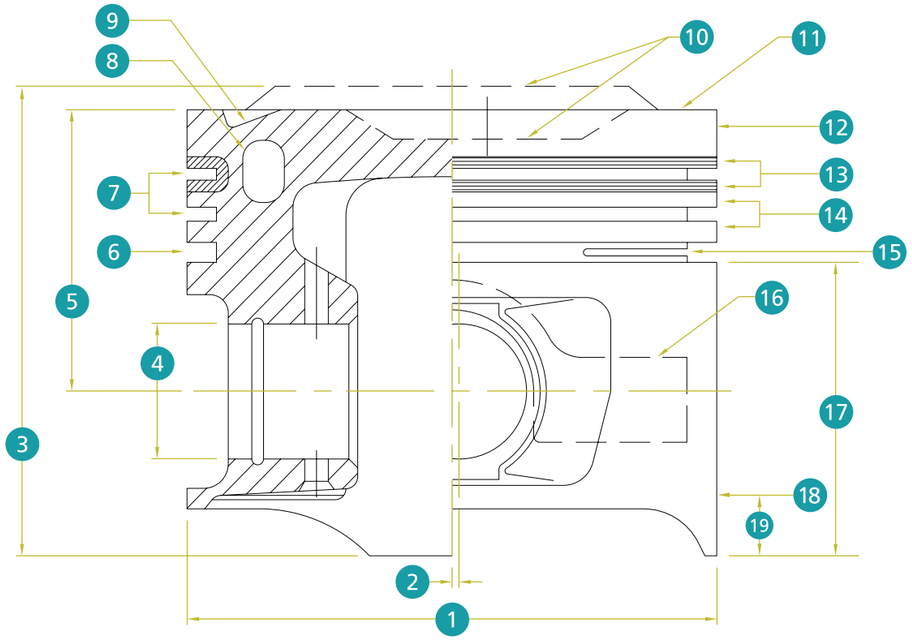
СУХИЕ ГИЛЬЗЫ БЕЗ БУРТА



1. ОБЩАЯ ВЫСОТА (TL)
2. ВНЕШНИЙ ДИАМЕТР (OD)
3. ТОЛЩИНА БУРТА (FT)
4. ВЫСТУПАНИЕ ГИЛЬЗЫ ЦИЛИНДРА (+)
5. ДИАМЕТР БУРТА (FD)
6. ВНУТРЕННИЙ ДИАМЕТР
   - ХОНИНГОВАННЫЕ (FF)
   - НЕ ХОНИНГОВАННЫЕ (SF)

LSX - НЕ ХОНИНГОВАННЫЕ И БЕЗ БУРТА
LSF - НЕ ХОНИНГОВАННЫЕ И С БУРТОМ
LFX - ХОНИНГОВАННЫЕ И БЕЗ БУРТА
LFF - ХОНИНГОВАННЫЕ И С БУРТОМ
LCX - ХРОМИРОВАННЫЕ И БЕЗ БУРТА
LCF - ХРОМИРОВАННЫЕ И С БУРТОМ

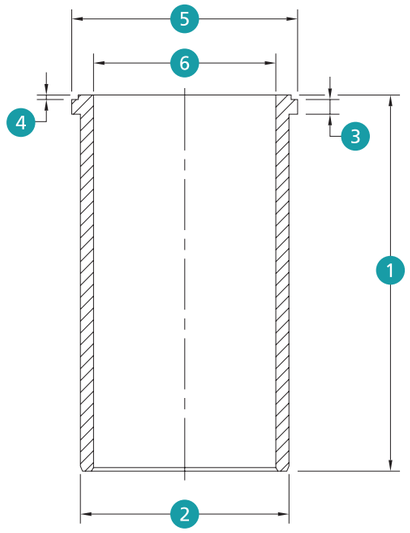
TERMINOLOGÍA DE PISTÓNES



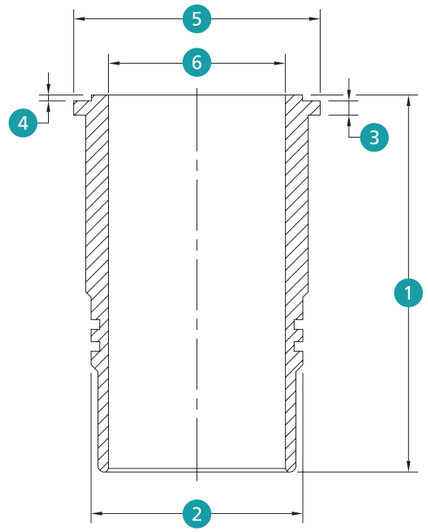
01. DIÁMETRO DE LA FALDA DEL PISTÓN
02. EXCENTRICIDAD DEL EJE DEL PASADOR CONTRA EL EJE DEL PISTÓN
03. LONGITUD TOTAL DEL PISTON
04. DIÁMETRO DEL ORIFICIO DE LA CLAVIJA GUDGEON
05. ALTURA DE COMPRESIÓN
06. RANURA DEL ANILLO DE ACEITE
07. PRIMER Y SEGUNDO ANILLO DE COMPRESIÓN RANURA
08. CÁMARA DE ENFRIAMIENTO DE ACEITE
09. BOLSILLO DE VÁLVULA
10. CÁMARA DE COMBUSTION DEPRIMIDA O CORONA LEVANTADA
11. CORONA DE PISTON
12. TIERRA CORONA
13. REFUERZO ALFIN
14. TERRENO ANILLO
15. RANURA DE ACEITE
16. PUNTALES DE ACERO OCULTOS
17. AREA DE FALDA PISTON
18. PUNTO DE MEDICIÓN DE MRC (Distancia mínima recomendada)
19. ALTURA DE MP (Punto de medición)

CAMISAS DE CILINDRO TERMINOLOGÍA

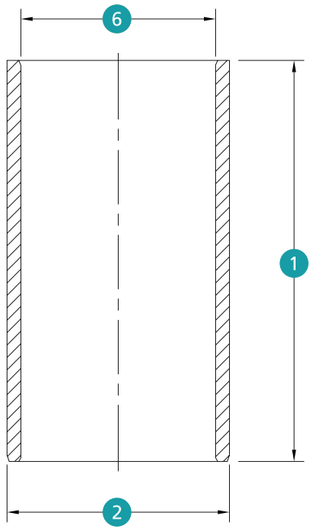
TIPO SECO CON BRIDA



TIPO HÚMEDO CON BRIDA



TIPO SECO SIN BRIDA



1. ALTURA TOTAL (TL)
2. DIÁMETRO EXTERIOR (OD)
3. ESPESOR DE BRIDA (FT)
4. ALTURA DEL BORDE DE FUEGO (+)
5. DIÁMETRO DE BRIDA (FD)
6. DIÁMETRO INTERIOR
   - TIPO COMPLETAMENTE ACABADO (FF)
   - TIPO SEMI ACABADO (SF)

LSX - LOS REVESTIMIENTOS SON SEMIACABADOS Y SIN BRIDA
LSF - LOS REVESTIMIENTOS SON SEMIACABADOS Y CON BRIDA
LFX - LOS REVESTIMIENTOS ESTÁN COMPLETAMENTE TERMINADOS Y SIN BRIDA
LFF - LOS REVESTIMIENTOS ESTÁN COMPLETAMENTE TERMINADOS Y CON BRIDA
LCX - LOS REVESTIMIENTOS SON CROMADOS Y SIN BRIDA
LCF - LOS REVESTIMIENTOS SON CROMADOS Y CON BRIDA

INSTALLATION NOTE

TEIKIN™ ENGINE COMPONENTS ARE MANUFACTURED UNDER THE HIGHEST PRECISION STANDARD AND STRICT QUALITY SYSTEM. AS SUCH, TEIKIN™ ENGINE COMPONENTS MUST BE HANDLED WITH THE UTMOST OF CARE DURING INSTALLATION.

GENUINE TEIKIN™ PISTONS FOR THE AFTERMARKET ARE SUPPLIED COMPLETE WITH GUDGEON PINS AND CIRCLIPS. WE RECOMMEND FULL AND COMPLETE ENGINE SET REPLACEMENT OF PISTONS, PINS AND CIRCLIPS FOR ALL CYLINDERS.

TEIKIN™ PISTONS IN A BOX SET ARE GRADED ACCORDING TO THE APPROPRIATE FIT. HENCE WE RECOMMEND USING THE FULL SET IN THE BOX.

PISTON CROWNS ARE MARKED WITH THE APPROPRIATE SIZE AND INSTALLATION DIRECTION. SUCH MARKINGS ARE TO BE OBSERVED AND FOLLOWED ACCORDINGLY.

MINIMUM RECOMMENDED CLEARANCE (MRC) VALUE BETWEEN PISTON SKIRT & CYLINDER LINER/BORE WALL AND PISTON SKIRT DIAMETER MEASURING POINT (MP) LOCATION FOR EACH ENGINE IS PROVIDED IN THIS CATALOG.

INSTALLATION OF POWER-UP / TURBO CHARGER / TURBO CONVERSION KIT ONTO AN ORIGINALLY NON TURBO ENGINE IS NOT RECOMMENDED.

PISTON RINGS MUST BE ASSEMBLED AND FITTED CORRECTLY ONTO THE PISTON. EXCESSIVE FORCE DURING THEIR REMOVAL AND FITTING WILL CAUSE PERMANENT DEFORMATION TO THE RINGS AND IMPAIR THEIR SEALING PERFORMANCE. THE RING GAPS MUST BE DISTRIBUTED EVENLY AROUND THE CIRCUMFERENCE OF THE PISTON.

CIRCLIPS MUST BE FITTED WITH THEIR GAPS FACING TOWARD THE BOTTOM SIDE OF THE GUDGEON PIN HOLES.

CYLINDER LINERS / BORES MUST BE CLEANED AND INSPECTED FOR DAMAGES AND CORROSION. CORRODED AND DAMAGED SURFACES MUST BE REMOVED BY REBORING AND INSTALLING OVERSIZED LINERS IF NECESSARY.

LINER FLANGES' SEATS IN THE BORE MUST BE CLEANED, PROPERLY CHAMFERED AND PERPENDICULAR TO THE BORE AXIS. INCORRECT SEATS WILL CAUSE BREAKAGE TO FLANGES AND CAUSE MAJOR DAMAGE TO THE ENGINE.

CONNECTING RODS MUST BE CHECKED FOR PARALLELISM & DISTORTION AND RE-ALIGNED AS NECESSARY.

ALL COMPONENTS IN THE ENGINE MUST BE THOROUGHLY LUBRICATED AND CLEANED FROM DIRT, MACHINING RESIDUES AND FOREIGN MATTERS BEFORE ENGINE ASSEMBLY.

CYLINDER HEAD BOLTS ARE TO BE TIGHTENED TO THE TORQUE AND ROTATION ANGLE SPECIFIED BY THE ENGINE MAKER.

IN DIESEL ENGINES, INJECTION PUMP TIMING AND SETTING MUST BE SET AS PER THE FACTORY STANDARD.

USE OF AEROSOL STARTING AID IS TO BE AVOIDED.

ENGINE COOLING AND LUBRICATION SYSTEM MUST BE CAREFULLY CHECKED BEFORE IGNITING THE ENGINE.

УКАЗАНИЕ ПО УЗТАНОВКЕ

КОМПОНЕНТЫ ДВИГАТЕЛЯ TEIKIN™ ПРОИЗВЕДЕНЫ ПО НАИВЫСШИМ СТАНДАРТАМ ТОЧНОСТИ И ПРОШЛИ ТЩАТЕЛЬНУЮ ПРОВЕРКУ КАЧЕСТВА. В ПРОЦЕССЕ УСТАНОВКИ ТАКИЕ ДЕТАЛИ, КАК КОМПОНЕНТЫ ДВИГАТЕЛЯ TEIKIN™, ДОЛЖНЫ УСТАНАВЛИВАТЬСЯ ПРЕДЕЛЬНО АККУРАТНО.

ОРИГИНАЛЬНЫЕ ПОРШНИ TEIKIN™ ПОСТАВЛЯЮТСЯ НА РЫНОК В КОМПЛЕКТЕ С ПОРШНЕВЫМИ ПАЛЬЦАМИ И СТОПОРНЫМИ КОЛЬЦАМИ. МЫ РЕКОМЕНДУЕМ ОДНОВРЕМЕННУЮ И ПОЛНУЮ ЗАМЕНУ ПОРШНЕЙ, ПАЛЬЦЕВ И СТОПОРНЫХ КОЛЕЦ ДЛЯ ВСЕХ ЦИЛЛИНДРОВ.

ПОРШНИ TEIKIN™ УПАКОВАНЫ В КОРОБКЕ ПОД НУЖНЫМ УКЛОНОМ СОГЛАСНО ПОДХОДЯЩЕЙ ПОСАДКЕ. ПОЭТОМУ МЫ РЕКОМЕНДУЕМ ИСПОЛЬЗОВАТЬ ПОЛНЫЙ КОМПЛЕКТ ИЗ КОРОБКИ.

НА ПОРШНЕ ИМЕЮТСЯ МАРКИРОВКА РАЗМЕРА И НАПРАВЛЕНИЕ УСТАНОВКИ КОТОРЫМИ НЕОБХОДИМО РУКОВОДСТВОВАТЬСЯ ПРИ УСТАНОВКЕ.

МИНИМАЛЬНО РЕКОМЕНДОВАНАЯ ВЕЛИЧИНА ЗАЗОРА МЕЖДУ ЮБКОЙ ПОРШНЯ И ГИЛЬЗОЙ ЦИЛИНДРА/ ДИАМЕТРОМ СТЕНКИ ОТВЕРСТИЯ И ЮБКОЙ ПОРШНЯ ДЛЯ КАЖДОГО ДВИГАТЕЛЬ ПРЕДСТАВЛЕНА В КАТАЛОГЕ.

НЕ РЕКОМЕНДУЮТСЯ УСТАНОВКА НА НЕТУРБИРОВАННЫЙ ДВИГАТЕЛЬ: УСИЛИТЕЛЯ / ТУРБОНАГНЕТАТЕЛЯ / КОМПЛЕКТА ТУРБОПРЕОБРАЗОВАТЕЛЯ.

ПОРШНЕВЫЕ КОЛЬЦА ДОЛЖНЫ БЫТЬ СОБРАНЫ И ПРАВИЛЬНО УСТАНОВЛЕНЫ В ПОРШЕНЬ. ПРИМЕНЕНИЕ ЧРЕЗМЕРНОЙ СИЛЫ В ХОДЕ ИЗВЛЕЧЕНИЯ ИЛИ УСТАНОВКИ МОЖЕТ СТАТЬ ПРИЧИНОЙ ОСТАТОЧНОЙ ДЕФОРМАЦИИ КОЛЕЦ И УХУДШЕНИЯ КАЧЕСТВА УПЛОТНЕНИЯ. ЗАЗОРЫ В ЗАМКЕ ПОРШНЕВОГО КОЛЬЦА ДОЛЖНЫ БЫТЬ РАСПРЕДЕЛЕНЫ РАВНОМЕРНО ПО ОБХВАТУ ВОКРУГ ПОРШНЯ.

СТОПОРНЫЕ КОЛЬЦА ДОЛЖНЫ БЫТЬ ОБОРУДОВАНЫ ВЫЕМКАМИ ПО НАПРАВЛЕНИЮ К ДНИЩУ ОТВЕРСТИЙ ПОРШНЕВЫХ ПАЛЬЦЕВ.

ЦИЛЛИНДРЫ ДВИГАТЕЛЯ ДОЛЖНЫ БЫТЬ ОЧИЩЕНЫ И ПРОВЕРЕНЫ НА НАЛИЧИЕ ПОВРЕЖДЕНИЙ И РЖАВЧИНЫ. РЖАВЫЕ И ПОВРЕЖДЁННЫЕ ЭЛЕМЕНТЫ ДОЛЖНЫ БЫТЬ УДАЛЕНЫ ПРИ ПОМОЩИ РАСТОЧКИ И, ПО НЕОБХОДИМОСТИ, ПРИ УСТАНОВКЕ КРУПНОГАБАРИТНЫХ ГИЛЬЗ.

ГНЕЗДА ФЛАНЦЕВ ГИЛЬЗ ЦИЛИНДРА ДОЛЖНЫ БЫТЬ ОЧИЩЕНЫ, ДОЛЖНЫМ ОБРАЗОМ ЗАКРУГЛЕНЫ И УСТАНОВЛЕНЫ ПЕРПЕНДИКУЛЯРНО ОСИ ОТВЕРСТИЯ. НЕ ПОДГОТОВЛЕННЫЕ ГНЕЗДА МОГУТ СТАТЬ ПРИЧИНОЙ ПОЛОМКИ ФЛАНЦЕВ И ОСНОВНОЙ ПРИЧИНОЙ ПОВРЕЖДЕНИЯ ДВИГАТЕЛЯ.

НУЖНО УБЕДИТЬСЯ В ТОМ, ЧТО ШАТУНЫ РАСПОЛОЖЕНЫ ПАРАЛЛЕЛЬНО, А ТАКЖЕ, ПРИ НЕОБХОДИМОСТИ, НУЖНО ПРОВЕРИТЬ СМЕЩЕНИЕ И ЦЕНТРОВКУ.

ПЕРЕД СБОРКОЙ ДВИГАТЕЛЯ ВСЕ ЕГО КОМПОНЕНТЫ ДОЛЖНЫ БЫТЬ ТЩАТЕЛЬНО СМАЗАНЫ И ОЧИЩЕНЫ ОТ ЗАГРЯЗНЕНИЙ, НАГАРА И ИНЫХ ИНОРОДНЫХ МАТЕРИАЛОВ.

БОЛТЫ КРЕПЛЕНИЯ ГОЛОВКИ ЦИЛИНДРА ДОЛЖНЫ БЫТЬ ЗАКРУЧЕНЫ ДО МОМЕНТА ЗАТЯЖКИ И ДО УГЛА ПОВОРОТА, ОБОЗНАЧЕННОГО ОТМЕТКОЙ НА ДВИГАТЕЛЕ.

НА ДИЗЕЛЬНОМ ДВИГАТЕЛЕ, СИНХРОНИЗАЦИЯ ТОПЛИВНОГО НАСОСА ВЫСОКОГО ДАВЛЕНИЯ И РЕГУЛИРОВКА ДОЛЖНЫ БЫТЬ УСТАНОВЛЕНЫ ПО ЗАВОДСКОМУ СТАНДАРТУ.

НУЖНО ВОЗДЕРЖАТЬСЯ ОТ ИСПОЛЬЗОВАНИЯ АЭРОЗОЛЬНЫХ УСТРОЙСТВ ОБЛЕГЧАЮЩИХ ПУСК ДВИГАТЕЛЯ.

ПЕРЕД ЗАПУСКОМ ДВИГАТЕЛЯ НУЖНО ТЩАТЕЛЬНО ПРОВЕРИТЬ СИСТЕМЫ ОХЛАЖДЕНИЯ И СМАЗКИ ДВИГАТЕЛЯ.

NOTA DE INSTALACIÓN

LOS COMPONENTES DEL MOTOR TEIKIN™ SE FABRICAN BAJO LOS MÁS ALTOS ESTÁNDARES DE PRECISIÓN Y UN ESTRICTO SISTEMA DE CALIDAD. COMO TAL, LOS COMPONENTES DEL MOTOR DE TEIKIN™ DEBEN MANEJARSE CON EL MAYOR CUIDADO DURANTE LA INSTALACIÓN.

LOS PISTONES DE TEIKIN™ SE SUMINISTRAN EN EL MERCADO DE ACCESORIOS CON PASADORES DE GOBIO Y CIRCLIPS. RECOMENDAMOS CAMBIAR EL CONJUNTO COMPLETO DE PISTONES, PASADORES Y ARANDELAS DE SEGURIDAD DE TODOS LOS CILINDROS.

LOS PISTONES TEIKIN™ SE CLASIFICAN DE ACUERDO AL AJUSTE APROPIADO. POR LO TANTO, RECOMENDAMOS USAR EL JUEGO COMPLETO.

LAS CORONAS DE LOS PISTONES ESTAN MARCADAS CON EL TAMAÑO ADECUADO Y LA DIRECCION EXACTA A INSTALAR. TALES INDICACIONES DEBEN SER OBSERVADAS Y SEGUIDAS EN CONSECUENCIA.

EL VALOR MÍNIMO RECOMENDADO DE HOLGURA (MRC) ENTRE LA FALDA DEL PISTÓN, LA PARED DE LA CAMISA, EL DIÁMETRO DE LA FALDA DEL PISTÓN Y LA UBICACIÓN DEL PUNTO DE MEDICIÓN DEL DIÁMETRO DE LA FALDA DEL PISTÓN (MP) PARA CADA MOTOR SE PROPORCIONA EN ESTE CATÁLOGO.

NO SE RECOMIENDA LA INSTALACIÓN DEL KIT DE ENCENDIDO TURBO CARGADOR, TURBO CONVERSIÓN, EN UN MOTOR ORIGINALMENTE NO TURBO.

EL ANILLO DE PISTON DEBE MONTARSE Y AJUSTARSE CORRECTAMENTE. UNA FUERZA EXCESIVA DURANTE SU EXTRACCIÓN Y MONTAJE PROVOCARÁ UNA DEFORMACIÓN PERMANENTE DE LOS ANILLOS Y PERJUDICARÁ SU RENDIMIENTO. LOS ESPACIOS ENTRE ANILLOS DEBEN ESTAR DISTRIBUIDOS DE FORMA CLARA ALREDEDOR DE LA CIRCUNFERENCIA DEL PISTÓN.

LOS ANILLOS DE SEGURIDAD DEBEN ESTAR AJUSTADOS CON SUS ESPACIOS HACIA LA PARTE INFERIOR DE LOS ORIFICIOS PARA PASADORES DE GOBIO.

CYLINDER LINERS/BORES TIENEN QUE SER LIMPIADOS Y INSPECCIONADOS CONTRA DANO Y CORRUPCION. LAS SUPERFICIES CORROÍDAS Y DAÑADAS DEBEN SER ELIMINADAS MEDIANTE TALADRADO E INSTALACIÓN DE REVESTIMIENTOS DE GRAN TAMAÑO, SI ES NECESARIO.

LOS ASIENTOS DE LAS BRIDAS DEL REVESTIMIENTO EN EL ORIFICIO DEBEN ESTAR LIMPIOS, DEBIDAMENTE BISELADOS Y PERPENDICULARES AL EJE DEL ORIFICIO. ASIENTOS INCORRECTOS CAUSARÁN ROTURAS EN LAS BRIDAS Y DAÑOS IMPORTANTES EN EL MOTOR.

LAS BIELAS DEBEN SER REVISADAS EN CUANTO A PARALELISMO Y DISTORSIÓN Y RE-ALINEADAS SEGÚN SEA NECESARIO.

TODOS LOS COMPENENTES EN EL MOTOR TIENEN QUE SER LUBRICADOS Y LIMPIADOS DE SUCIEDAD, RESIDUOS DE MAQUINA Y MATERIAS EXTRAÑAS ANTES DE MONTAR EL MOTOR.

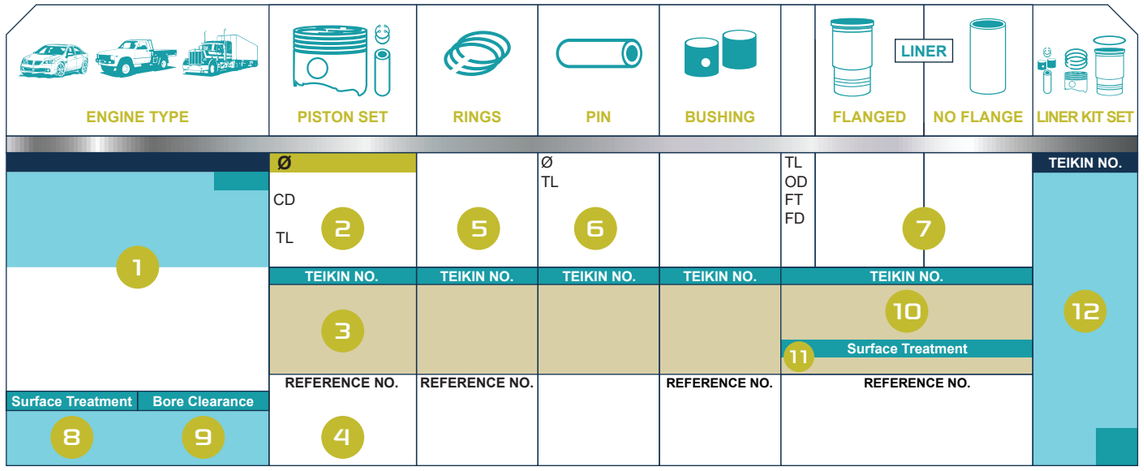
LOS PERNOS DE LA CULATA DEBEN APRETARSE AL PAR Y AL ÁNGULO DE ROTACIÓN ESPECIFICADOS POR EL FABRICANTE DEL MOTOR.

EN MOTORES DIESEL, LA SINCRONIZACIÓN Y EL AJUSTE DE LA BOMBA DE INYECCIÓN DEBEN AJUSTARSE SEGÚN EL ESTÁNDAR DE FÁBRICA.

EVITAR EL USO DE DISPOSITIVOS AUXILIARES DE ARRANQUE EN AEROSOL.

EL SISTEMA DE REFRIGERACIÓN Y LUBRICACIÓN DEL MOTOR DEBE DE SER REVISADO CUIDADOSAMENTE ANTES DE ENCENDER EL MOTOR.

CATALOG NOMENCLATURE



1

- APPLICATION AND / OR ENGINE MODELS WITH YEARS OF APPLICATION.
- CAPACITY OF ENGINE IN CUBIC CENTIMETERS (CC).
- NUMBER OF CILYNDERS.

2

- NOMINAL BORE DIAMETER.
- CD - COMPRESSION DISTANCE OF PISTON IN MILLIMETERS.
  PLUS VALUE DENOTES HEIGHT OF RAISED (ELEVATED) CROWN.
  MINUS VALUE DENOTES DEPTH OF DEPRESSED (CAVITATED) CROWN.
- TL - TOTAL LENGTH OF PISTON IN MILLIMETERS.

3

- TEIKIN NUMBER FOR PISTON.
  - SUFFIX "A" REFERS TO PISTONS WITH ALFIN REINFORCEMENT.
  - SUFFIX "G" REFERS TO PISTONS WITH OIL COOLING TUNNEL (GALLERY).
  - SUFFIX "AG" REFERS TO PISTONS WITH BOTH ALFIN AND GALLERY.

  (SUPERSEDED NUMBERS ARE GIVEN IN PARENTHESIS).

4

- REFERENCE NO.
  THESE NUMBERS REFER TO COMMONLY USED NUMBERS IN THE SPAREPARTS INDUSTRY.

5

- PISTON RING SIZES.
  - SUFFIX "FK" REFERS TO FULL KEYSTONE TYPE RINGS.
  - SUFFIX "HK" REFERS TO HALF KEYSTONE TYPE RINGS.

2 - 1.5 → COMPRESION RING
1 - 2.0 → OIL RING
→ THICKNESS OF GROVE
→ NUMBER OF GROVE

6

- NOMINAL OUTER DIAMETER OF PISTON PINS.
  TL - TOTAL LENGTH OF PISTON PIN

CIRCLIP TYPES

RECTANGULAR -X- SECTION TYPE — CIRCULAR -X- SECTION TYPE

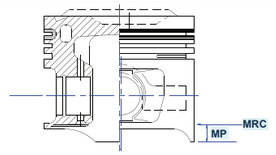
7

- TL - TOTAL LENGTH OF CYLINDER LINER IN MILLIMETERS.
- OD - OUTER DIAMETER OF CYLINDER LINER IN MILLIMETERS.
- FT - FLANGE THICKNESS OF CYLINDER LINER IN MILLIMETERS.
- FD - FLANGE DIAMETER OF CYLINDER IN MILLIMETERS.

8

- TYPE OF SURFACE TREATMENT FOR PISTON.
  TIN COATED • MOLY SKIRT • ANODIZED CROWN
  1ST RING ANODIZED • CHROMATED

9



- BORE CLEARANCE
  MRC - MINIMUM RECOMMENDED CLEARANCE. MEASURED AT THIS MEASURING POINT.
  MP - MEASURING POINT HEIGHT MEASURED FROM SKIRT BOTTOM.

10

- TEIKIN LINER NUMBERING SYSTEM.
  - PREFIX "LSX" MEANS LINERS ARE SEMI-FINISHED AND NO FLANGE.
  - PREFIX "LSF" MEANS LINERS ARE SEMI-FINISHED AND FLANGED.
  - PREFIX "LFX" MEANS LINERS ARE FULLY FINISHED AND NO FLANGE.
  - PREFIX "LFF" MEANS LINERS ARE FULLY FINISHED AND FLANGED.
  - PREFIX "LCX" MEANS LINERS ARE CHROMED AND NO FLANGE.
  - PREFIX "LCF" MEANS LINERS ARE CHROMED AND FLANGED.

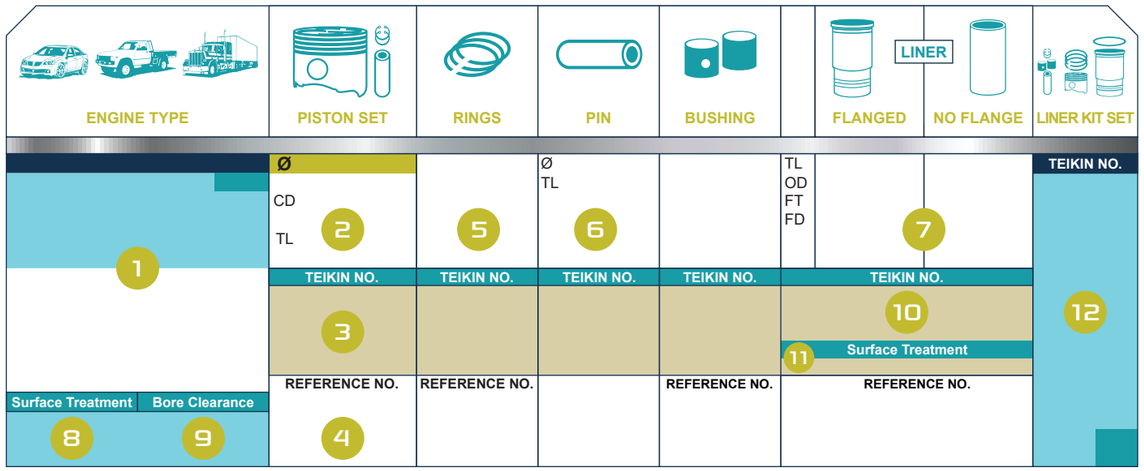
11

- TYPE OF SURFACE TREATMENT FOR LINER.
  CHROMED • PHOSPHATE (PH)

12

- TEIKIN LINERKIT NUMBERING SYSTEM.
  - PREFIX "LKSX" MEANS LINERKIT WITH SEMI-FINISHED AND NO FLANGE LINERS.
  - PREFIX "LKSF" MEANS LINERKIT WITH SEMI-FINISHED AND FLANGED LINERS.
  - PREFIX "LKFX" MEANS LINERKIT WITH FULLY FINISHED AND NO FLANGE LINERS.
  - PREFIX "LKFF" MEANS LINERKIT WITH FULLY FINISHED AND FLANGED LINERS.
  - PREFIX "LKCX" MEANS LINERKIT WITH CHROMED AND WITH NO FLANGE LINERS.
  - PREFIX "LKCF" MEANS LINERKIT WITH CHROMED AND FLANGED LINERS.

НОМЕНКЛАТУРА КАТАЛОГА



1
- МОДЕЛЬ И/ИЛИ ДВИГАТЕЛЬ С ГОДАМИ ВЫПУСКА
- МОЩНОСТЬ ДВИГАТЕЛЯ В КУБИЧЕСКИХ САНТИМЕТРАХ
- КОЛИЧЕСТВО ЦИЛИНДРОВ

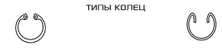
2
- НОМИНАЛЬНЫЙ ДИАМЕТР ЗАЗОРА
- CD – КОМПРЕССИОННАЯ ВЫСОТА ПОРШНЯ В ММ. ПЛЮС - ВЕЛИЧИНА ВЫСТУПА ГОЛОВКИ ПОРШНЯ. МИНУС - ВЕЛИЧИНА НЕДОХОДА ГОЛОВКИ ПОРШНЯ.
- TL – ОБЩАЯ ВЫСОТА ПОРШНЯ В ММ.

3
- АРТИКУЛ TEIKIN
  - БУКВА "A" - НАЛИЧИЕ АЛФИН ВСТАВКИ
  - БУКВА "G" - НАЛИЧИЕ КАНАЛА МАСЛЯНОГО ОХЛАЖДЕНИЯ
  - БУКВЫ "AG" - НАЛИЧИЕ И АЛФИН ВСТАВКИ И КАНАЛА

4
- СПРАВОЧНЫЕ №
  КОД ДЕТАЛИ (АРТИКУЛ) — МАРКИРОВКА ЗАВОДА-ИЗГОТОВИТЕЛЯ ИДЕНТИФИЦИРУЮЩАЯ ДЕТАЛЬ АВТОМОБИЛЯ.

5
- РАЗМЕРЫ ПОРШНЕВЫХ КОЛЕЦ
  - БУКВЫ "FK" - ТРАПЕЦИЕВИДНЫЙ ТИП КОЛЕЦ
  - БУКВЫ "HK" - ПОЛУТРАПЕЦЕВИДНЫЙ ТИП КОЛЕЦ

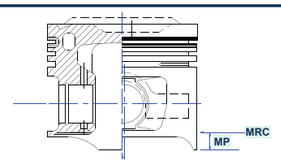
6
- ВНЕШНИЙ ДИАМЕТР ПОРШНЕВЫХ ПАЛЬЦЕВ.
  TL – ОБЩАЯ ДЛИНА ДЛИНА ПОРШНЕВОГО ПАЛЬЦА
  ТИПЫ КОЛЕЦ



7
- TL – ОБЩАЯ ДЛИНА ГИЛЬЗЫ ЦИЛИНДРА В ММ.
- OD – ВНЕШНИЙ ДИАМЕТР ГИЛЬЗЫ ЦИЛИНДРА В ММ.
- FT – ТОЛЩИНА БУРТА ГИЛЬЗЫ ЦИЛИНДРА В ММ.
- FD – ДИАМЕТР БУРТА ГИЛЬЗЫ ЦИЛИНДРА В ММ.

8
- ТИП ОБРАБОТКИ ПОВЕРХНОСТИ ДЛЯ ПОРШНЯ
  ПОКРЫТИЕ ОЛОВОМ • МОЛИБДЕНОВОЕ ПОКРЫТИЕЮБКИ
  • АНОДИРОВАННАЯ ГОЛОВКА
  • 1-Е КОЛЬЦО АНОДИРОВАНО • ХРОМАТИРОВАННЫХ

9



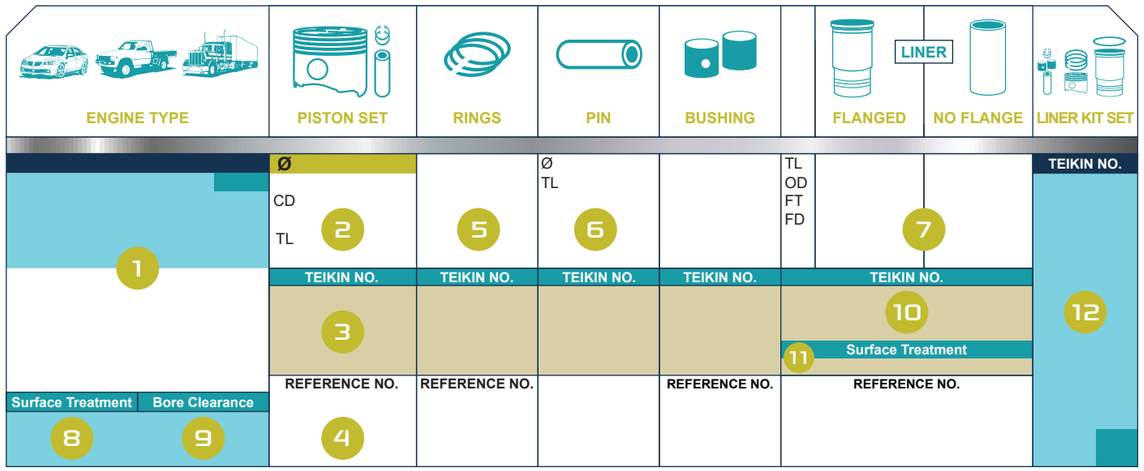
- ДИАМЕТР ЗАЗОРА
  MRC – МИНИМАЛЬНЫЙ РЕКОМЕНДОВАННЫЙ ЗАЗОР (ЗАМЕР ПРОВОДИТСЯ В ТОЧКЕ ИЗМЕРЕНИЯ)
  MP – ТОЧКА ИЗМЕРЕНИЯ (ВЫСОТА ОТ НИЗА ЮБКИ ПОРШНЯ В ММ.)

10
- СИСТЕМА НУМЕРАЦИИ ГИЛЬЗ TEIKIN
  - БУКВЫ "LSX" - ГИЛЬЗЫ НЕ ХОНИНГОВАННЫЕ И БЕЗ БУРТА
  - БУКВЫ "LSF" - ГИЛЬЗЫ НЕ ХОНИНГОВАННЫЕ И С БУРТОМ
  - БУКВЫ "LFX" - ГИЛЬЗЫ ХОНИНГОВАННЫЕ И БЕЗ БУРТА
  - БУКВЫ "LFF" - ГИЛЬЗЫ ХОНИНГОВАННЫЕ И С БУРТОМ
  - БУКВЫ "LCX" - ГИЛЬЗЫ ХРОМИРОВАННЫЕ И БЕЗ БУРТА
  - БУКВЫ "LCF" - ГИЛЬЗЫ ХРОМИРОВАННЫЕ И С БУРТОМ

11
- ТИП ОБРАБОТКИ ПОВЕРХНОСТИ ДЛЯ ЛАЙНЕРА
  ХРОМИРОВАННЫЙ • ФОСФАТ (PH)

12
- СИСТЕМА НУМЕРАЦИИ КОМПЛЕКТОВ ГИЛЬЗ TEIKIN
  - БУКВЫ "LKSX" - КОМПЛЕКТ ГИЛЬЗ НЕ ХОНИНГОВАННЫХ И БЕЗ БУРТА
  - БУКВЫ "LKSF" - КОМПЛЕКТ ГИЛЬЗ НЕ ХОНИНГОВАННЫХ И С БУРТОМ
  - БУКВЫ "LKFX" - КОМПЛЕКТ ГИЛЬЗ ХОНИНГОВАННЫХ И БЕЗ БУРТА.
  - БУКВЫ "LKFF" - КОМПЛЕКТ ГИЛЬЗ ХОНИНГОВАННЫЕ И С БУРТОМ
  - БУКВЫ "LKCX" - КОМПЛЕКТ ГИЛЬЗ ХРОМИРОВАННЫХ И БЕЗ БУРТА
  - БУКВЫ "LKCF" - КОМПЛЕКТ ГИЛЬЗ ХРОМИРОВАННЫХ И С БУРТОМ

NOMENCLATURA DEL CATÁLOGO



1
- APLICACIÓN Y / O MODELOS DE MOTOR CON AÑOS DE APLICACIÓN.
- CAPACIDAD DE MOTOR EN CENTIMETROS CÚBICOS (CC)
- NÚMERO DE CILINDROS.

2
- DIÁMETROS NOMINALES DE AGUJERO
- CD - DISTANCIA DE COMPRESIÓN DEL PISTÓN EN MILÍMETROS.
  EL VALOR MAS INDICA LA ALTURA DE LA CORONA (ELEVADA).
  EL VALOR MENOS INDICA LA PROFUNDIDAD DE LA CORONA HUNDIDA (CAVITADA)
- TL - LONGITUD TOTAL DEL PISTÓN EN MILÍMETROS.

3
- NÚMERO DE TEIKIN PARA PISTÓN
  - SUFIJO "A" SE REFIERE A PISTONES CON REFUERZO DE ALFIN
  - SUFIJO "G" SE REFIERE A PISTONES CON TÚNEL DE ENFRIAMIENTO DE ACEITE (GALERÍA)
  - SUFFIX "AG" SE REFIERE A PISTONES CON ALFIN Y GALERÍA.
    (LOS NÚMEROS SUSTITUIDOS SE ENTREGAN EN PARÉNTESIS).

4
- № DE REFERENCIA
  ESTOS NUMEROIS SE REFIEREN A NÚMEROS DE USO COMÚN EN LA INDUSTRIA DE PIEZAS DE REPUESTO

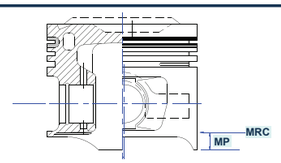
5
- TAMAÑOS DE ANILLO DE PISTÓN.
  - SUFIJO "FK" SE REFIERE A LOS ANILLOS DE TIPO DE KEYSTONE COMPLETO.
  - SUFIJO "HK" SE REFIERE A LA MEDIA DE LOS ANILLOS DE TIPO KEYSTONE.

6
- DIÁMETRO EXTERIOR NORMAL DE PINS DE PISTÓN.
  TL - ALTURA TOTAL DEL BULÓN DEL PISTÓN
  TIPOS DE CIRCULO

7
- TL - LONGITUD TOTAL DEL LINER DE CILINDROS EN MILÍMETROS.
- OD - DIÁMETRO EXTERIOR DEL LINER DE CILINDROS EN MILÍMETROS.
- FT - ESPESOR DE BRIDA DEL LINER DE CILINDROS EN MILÍMETROS.
- FD - DIÁMETRO DE BRIDA DEL LINER DE CILINDROS EN MILÍMETROS.

8
- TIPO DE TRATAMIENTO SUPERFICIAL
  RECUBRIMIENTO DE ESTAÑO • FALDA DE MOLIBDENO
  • CORONA ANODIZADA • PRIMER ANILLO ANODIZADO CROMADO

9



- DESPACHO DE BORE
  MRC - MÍNIMO RECHAZO RECOMENDADO MEDIDA EN ESTE PUNTO DE MEDICIÓN
  MP - ALTURA DEL PUNTO DE MEDICIÓN MEDIDO DEL FONDO DE LA FALDA

10
- SISTEMA NUMERACION DE CAMISA TEIKIN
  - PREFIJO "LSX" SIGNIFICA QUE LOS LINERS SON SEMI-ACABADOS Y SIN BRIDA
  - PREFIJO "LSF" SIGNIFICA QUE LOS LINERS SON SEMI-ACABADOS Y BRILLANTES
  - PREFIJO "LFX" SIGNIFICA QUE LOS LINERS ESTÁN COMPLETAMENTE ACABADOS Y SIN BRIDA
  - PREFIJO "LFF" SIGNIFICA QUE LOS ENGARZADORES ESTÁN COMPLETAMENTE ACABADOS Y BRILLADOS
  - PREFIJO "LCX" SIGNIFICA QUE LOS LINERS ESTÁN CROMADOS Y SIN BRIDA
  - PREFIJO "LCF" SIGNIFICA QUE LOS LINERS ESTÁN CROMADOS Y FLANGADOS

11
- TIPO DE TRATAMIENTO EN LA SUPERFICIE DEL CILINDRO
  CROMADO • FOSFATIZADO (PH)

12
- SISTEMA NUMERACION DE LINER KIT TEIKIN
  - PREFIJO "LKSX" SIGNIFICA LINERKIT CON SEMI-ACABADOS Y SIN BRIDAS
  - PREFIJO "LKSF" SIGNIFICA LINERKIT CON GUANTES SEMI-ACABADOS Y BRILLANTES
  - PREFIJO "LKFX" SIGNIFICA LINERKIT CON ACABADOS COMPLETOS Y SIN BRIDAS
  - PREFIJO "LKFF" SIGNIFICA LINERKIT CON LINERS COMPLETAMENTE TERMINADOS Y CON BRIDAS
  - PREFIJO "LKCX" SIGNIFICA LINERKIT CON CHROMED Y SIN FLANGE LINERS
  - PREFIJO "LKCF" SIGNIFICA LINERKIT CON GUANTES CROMADOS Y BRILLANTEST

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001	ACURA	167	KOMATSU
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003	ASIA	172	LAND ROVER
004	AUDI	174	LEYLAND
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006	BMW	177	MAZDA
007	CHERRY	204	MERCEDES BENZ
010	CHEVROLET	208	MITSUBISHI
018	CHRYSLER	251	MORRIS GARAGE
024	DAEWOO	252	NISSAN
026	DAIHATSU	303	OPEL
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044	FORD	315	RENAULT
058	GEELY	319	SKODA
059	GENERAL MOTORS	320	SSANGYONG
070	HINO	321	SUBARU
078	HOLDEN	326	SUZUKI
079	HONDA	342	TATA
103	HYUNDAI	345	TEMPO
128	ISUZU	346	TOYOTA
160	JEEP WILLYS	413	VOLGA
161	KIA	414	VOLKSWAGEN

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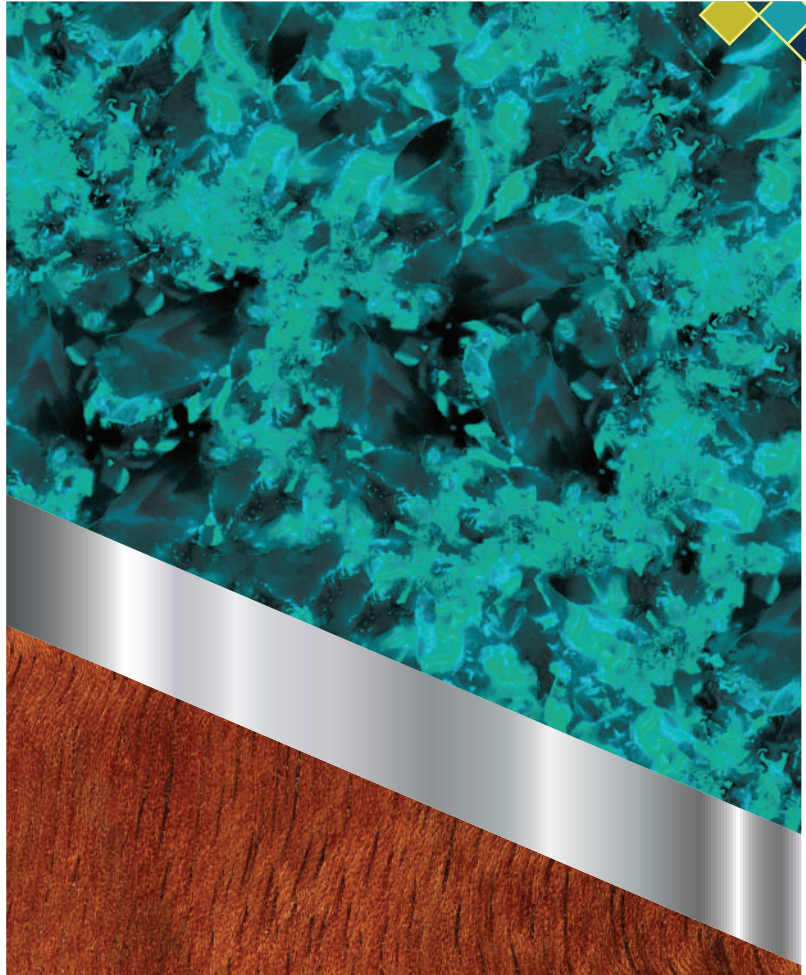
446	YANMAR	508	PISTON PIN LIST
454	JOHNSON MARINE	524	PISTON RING LIST
458	MERCURY MARINE	559	CYLINDER LINER LIST



LIST OF NEW MODELS

SINCE VOL . 22

LIST OF NEW MODELS SINCE VOL. 22

TEIKIN NO.	ENGINE MODEL		BORE Ø (MM)	PAGE	BOX NO.
57102	ACURA	J37A	90.00	1	2
30131	CHEVROLET	SPARK 1.4L	74.00	11	7
30132G	CHEVROLET	LTG 2.0L GALLERY	86.00	15	21
30133	CHEVROLET	LL5 / LJO	73.80	11	6
30134	CHEVROLET	ONIX 1.4L	77.60	13	15
30135	CHEVROLET	OPTRA 1.5L	74.70	12	10
30136	CHEVROLET	ONIX 1.2L TURBO	75.00	12	12
33102	CHERY	SQRE4T15C	77.00	7	4
33103	CHERY	SQR472	72.00	7	2
33104	CHERY	SQR477F	77.40	8	6
33105	CHERY	SQR372	72.00	7	1
33106	CHERY	SQR473H	73.00	7	3
33107	CHERY	SQR481FD	81.00	9	9
33108	CHERY	SQRE4G16	77.00	8	5
33109	CHERY	SQRF4J20	80.50	8	7
31126	CHRYSLER	5.9L (360)	101.60	22	20
31136	CHRYSLER	2.0L TIGERSHARK	88.00	19	7
32156	DAIHATSU	KF	63.00	26	4
34141AG	FIAT	F1AE ALFIN GALLERY	88.00	42	28
35184	FORD	3.8L (232)	96.80	54	44
35216	FORD	1.5L ECOBOOST	79.00	45	8
35217	FORD	1.6L ECOBOOST	79.00	46	9
35218	FORD	2.0L DURATEC I4	87.50	49	21
35219	FORD	2.0L ECOBOOST-II	87.50	49	22
35220	FORD	5.0L-III	92.20	52	34
58142G	GENERAL MOTORS	LTG-II GALLERY	86.00	63	18
58143	GENERAL MOTORS	L3A	74.00	60	8
58144A	GENERAL MOTORS	L3T ALFIN	79.00	61	10
58145A	GENERAL MOTORS	LGW / LGY ALFIN	86.00	63	19
36138AG	HINO	J08E-II ALFIN GALLERY	112.00	75	21
38211	HONDA	L15B	73.00	81	9
38213	HONDA	F20B-II	85.00	93	58
38214G	HONDA	K20C4/K20C6 GALLERY	86.00	95	66
38215	HONDA	J35Y6	89.00	101	90
38674	HONDA	F22B1	85.00	93	60
51142AG-3	HYUNDAI	i20 MAGNA CRDi ALFIN GALLERY	75.00	122	76
51150AG-3	HYUNDAI	D4FA ALFIN GALLERY	75.00	122	77
51169	HYUNDAI	G6DA-II	96.00	121	74

LIST OF NEW MODELS SINCE VOL. 22

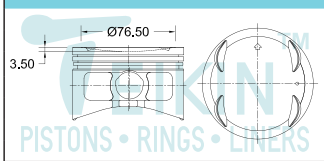
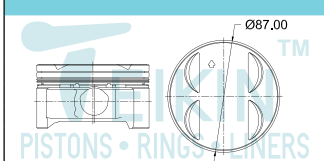
TEIKIN NO.	ENGINE MODEL		BORE Ø (MM)	PAGE	BOX NO.
51170	HYUNDAI	G6DG	92.00	119	68
51171	HYUNDAI	G6DH	92.00	120	69
51172	HYUNDAI	G6DJ	96.00	121	75
51173	HYUNDAI	G6DG-II	92.00	120	70
51174A	HYUNDAI	G4KH-II ALFIN	86.00	116	54
51175	HYUNDAI	G4NA	81.00	112	38
51176	HYUNDAI	G4FC-III	77.00	110	31
51177	HYUNDAI	G6DC 3.5 MPI	92.00	120	71
51178	HYUNDAI	G4NH	81.00	112	39
51179AG	HYUNDAI	D4CC ALFIN GALLERY	95.00	125	71
51180A	HYUNDAI	G4FP ALFIN	75.50	108	21
51181	HYUNDAI	G4NG	81.00	112	41
51182	HYUNDAI	G4FL	75.60	108	22
51183	HYUNDAI	G4NR	81.00	113	41
51184	HYUNDAI	G4LC-II	72.00	106	14
51185	HYUNDAI	G4NL	81.00	113	43
51610AG	HYUNDAI	J3TCi ALFIN GALLERY	97.10	126	92
51611AG	HYUNDAI	J3TCi-II ALFIN GALLERY	97.10	126	93
51615	HYUNDAI	G4DJ	75.50	107	20
51619AG	HYUNDAI	D4CB TCi II ALFIN GALLERY	91.00	124	87
51621	HYUNDAI	G4KA	86.00	116	56
39182A-4	ISUZU	4BG1 ALFIN	105.00	150	87
39607-4	ISUZU	4HE1	110.00	151	93
39614AG-4	ISUZU	4BG1-T ALFIN GALLERY	105.00	150	89
39618-6	ISUZU	6BD1-T	102.00	149	84
39681AG	ISUZU	4HJ1 ALFIN GALLERY	115.00	156	111
39687AG	ISUZU	4JJ1-TC CRDi-II ALFIN GALLERY	95.40	144	64
59110	LADA	VAZ 21179	82.00	170	8
59111	LADA	VAZ 21124	82.00	171	9
59112	LADA	VAZ 21126	82.00	171	10
59113	LADA	GRANTA-II	82.00	171	11
40601AG	LAND ROVER	30DDTX, 306DT ALFIN GALLERY	84.00	173	2
42226AG	MAZDA	SKYACTIV-D ALFIN GALLERY	86.00	195	76
42227	MAZDA	2.0L SKYACTIV-G	83.50	188	47
42228	MAZDA	PE	83.50	188	48
42229AG	MAZDA	SKYACTIV-D 1.5 ALFIN GALLERY	76.00	195	73
42677A	MAZDA	SL-IV ALFIN	100.00	202	102
42684	MAZDA	LF-III	87.50	193	66
42685AG	MAZDA	SLT T3500T ALFIN GALLERY	100.00	202	103
43157-6	MITSUBISHI	6DR5	92.00	234	104
43307	MITSUBISHI	4G64-IV	86.50	222	60

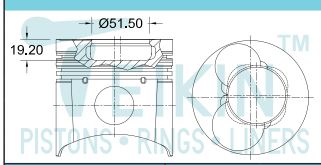
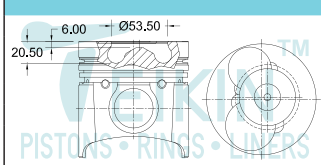
LIST OF NEW MODELS SINCE VOL. 22

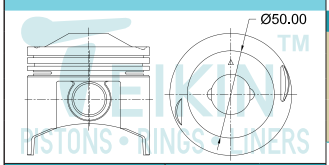
TEIKIN NO.	ENGINE MODEL		BORE Ø (MM)	PAGE	BOX NO.
43308	MITSUBISHI	4G63	85.00	220	50
43309	MITSUBISHI	4B10	86.00	221	53
43664A-6	MITSUBISHI	6D31-T LATE ALFIN	100.00	239	125
43709AG	MITSUBISHI	4D55T / 4D56T ALFIN GALLERY	91.10	233	101
43710A	MITSUBISHI	4M40-II ALFIN	95.00	236	114
43711A	MITSUBISHI	4M51-II ALFIN	118.00	246	154
43712A	MITSUBISHI	6D16-III ALFIN	118.00	249	163
87001	MG	LYX	74.00	251	1
87002	MG	15S4C	75.00	251	2
44283-6	NISSAN	L24-II/L26-II	83.00	267	64
44367AG	NISSAN	TD42T-II ALFIN GALLERY	96.00	293	166
44368G	NISSAN	MR20DD	84.00	269	69
44369A	NISSAN	HRA2DDT ALFIN	72.20	254	10
44370	NISSAN	MR20DE-IV	84.00	269	70
44371	NISSAN	QG16DE-II	76.00	260	33
44372	NISSAN	HR10DET	72.20	254	99
44373	NISSAN	HR12DE-II	78.00	262	41
44374	NISSAN	HR15DE-II	78.00	263	47
44375	NISSAN	VK56VD-II	98.00	282	123
44376	NISSAN	VQ35DD	95.50	281	119
44377	NISSAN	MR20DE-V	84.00	269	72
44721	NISSAN	HR16DE-IV	78.00	264	49
67600	PEUGEOT	DW8	82.20	314	10
67601AG	PEUGEOT	9HD / 9HF / 9HJ ALFIN GALLERY	75.00	314	9
70110	RENAULT	B4D	71.00	315	3
70111AG	RENAULT	M9T ALFIN GALLERY	85.00	318	12
88001A	SKODA	1Y /AEY ALFIN	79.50	319	1
55656	SUBARU	EJ25-III	99.50	325	18
45161	SUZUKI	K14B-II	73.00	330	18
45164	SUZUKI	K10B-III	73.00	329	15
45165	SUZUKI	K12M-II	73.00	331	21
45166	SUZUKI	G10B	72.00	329	13
45167	SUZUKI	K15B-II	74.00	333	29
45168	SUZUKI	K15C	74.00	333	30
45169	SUZUKI	K15B-III	74.00	333	31
45170	SUZUKI	K14C	73.00	331	22
46409	TOYOTA	A25A-FXS	87.50	377	126
46410	TOYOTA	A25A-FKS	87.50	377	127
46411A	TOYOTA	V35A-FTS ALFIN	85.50	371	101
46412	TOYOTA	1KR-FE-II	71.00	346	4

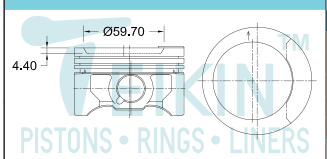
LIST OF NEW MODELS SINCE VOL. 22

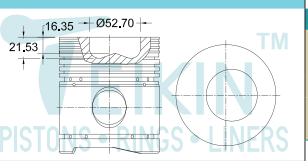
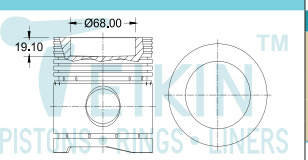
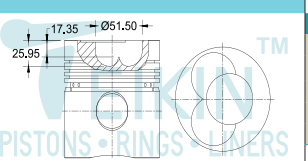
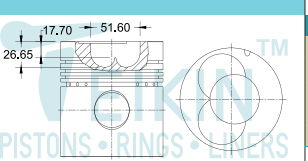
TEIKIN NO.	ENGINE MODEL		BORE Ø (MM)	PAGE	BOX NO.
46413	TOYOTA	M15A-FKS	80.50	358	50
46414	TOYOTA	2TR-FE-II	95.00	389	176
46415	TOYOTA	M20A-FKS	80.50	362	65
46416	TOYOTA	2NZ-FE-III	72.00	353	31
46417	TOYOTA	2AZFE-IV	88.50	381	142
46418	TOYOTA	2ZR-FXE-III	80.50	362	66
46419	TOYOTA	2ZR-FAE	80.50	362	67
46420	TOYOTA	2ZR-FAE-II	80.50	362	68
46421	TOYOTA	2ZR-FAE-III	80.50	363	69
46422	TOYOTA	2SZ-FE-II	72.00	347	8
46423	TOYOTA	1ZZFE-V	79.00	358	49
46424	TOYOTA	1NZ-FXE-II	75.00	353	32
46425	TOYOTA	M20A-FXS	80.50	363	70
46426	TOYOTA	WA-VE	73.50	350	20
46710AG	TOYOTA	1KD-FTV-IV ALFIN GALLERY	96.00	407	244
46711AG	TOYOTA	2KD-FTV-IVALFIN GALLERY	92.00	402	223
46716AG	TOYOTA	TOY N04CT ALFIN GALLERY	104.00	410	257

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
C35A1 3474 cc RL 6 cyl. 1996-00 F.I., SOHC 24V	Ø 90.00 CD 31.00 -3.5 TL 59.00	1 - 1.5 1 - 1.2 1 - 2.8	Ø 21.965 TL 57.00				
	TEIKIN NO. 57101	TEIKIN NO. R 57101	TEIKIN NO. P 38157				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.020 mm MP: 13.50 mm	REFERENCE NO. 13010-P5A-000 13020-P5A-000 13030-P5A-000 13040-P5A-000	REFERENCE NO. 13011-P5A-003/ 4 13021-P5A-003/ 4 13031-P5A-003/ 4					1
J37A 3664 cc MDX (2010-2013) 6 cyl. ZDX (2010-2013) RL (2011-2012) TL (2009-2014)	Ø 90.00 CD 29.60 +0.3 TL 51.40	2 - 1.2 1 - 2.0	Ø 21.965 TL 54.00				
	TEIKIN NO. 57102		TEIKIN NO. P 38172				
Surface Treatment: Tin Coated, Anodized Crown, 1st Ring Anodized Bore Clearance: MRC: 0.030 mm MP: 7.50 mm	REFERENCE NO. 13010-RKG-305 13010-RKG-E00						2

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
6ETI 6 cyl.	Ø 104.00 CD 60.20 -19.2 TL 106.20	1 - 3.0 FK 1 - 2.5 1 - 3.0	Ø 35.000 TL 85.00			TL 200.0 OD 107.0 FT 8.0 FD 112.0		TEIKIN NO. LKFF 63101A
	TEIKIN NO. 63101A	TEIKIN NO. R 63101	TEIKIN NO. P 39166			TEIKIN NO. LFF 63101* Surface Treatment *Phosphate (PH)		
Surface Treatment: Chromated Moly Skirt Bore Clearance: MRC: 0.050 mm MP: 24.20 mm	REFERENCE NO. P0959651	REFERENCE NO.				REFERENCE NO.		1
6DTI 6 cyl.	Ø 104.00 CD 62.60 -20.5 TL 108.60	1 - 3.0 FK 1 - 2.5 1 - 5.0	Ø 37.000 TL 85.00			TL 200.0 OD 107.0 FT 8.0 FD 112.0		TEIKIN NO. LKFF 63102A
	TEIKIN NO. 63102A	TEIKIN NO. R 63102	TEIKIN NO. P 36127			TEIKIN NO. LFF 63101* Surface Treatment *Phosphate (PH)		
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.080 mm MP: 25.00 mm	REFERENCE NO. P0990351	REFERENCE NO.				REFERENCE NO.		2

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
TOWNER	**Ø 70.00**	1 - 1.2	Ø 18.000					
3 cyl.		1 - 1.5	TL 59.00					
	CD 30.00							
	+7.5	1 - 2.8						
	TL 69.50							
	**TEIKIN NO.** 53101	**TEIKIN NO.** R 53101	**TEIKIN NO.** P 46141					
Surface Treatment / **Bore Clearance**	**REFERENCE NO.**	**REFERENCE NO.**						
Anodized Crown / MRC: 0.030 mm	AA100-11-102B	AA100-11-SCO						
1st Ring Anodized / MP: 21.00 mm	AA100-11-102C	AA100-11-122-32						1

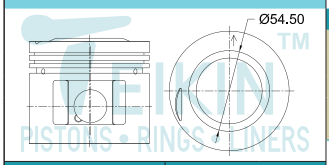
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
AAR / NF / NG 2309 cc 5 cyl.	Ø 82.50 CD 32.20 -4.4 TL 52.80	1 - 1.5 1 - 1.75 1 - 3.0	Ø 20.000 TL 57.00					
	**TEIKIN NO.** **61601**	**TEIKIN NO.** **R 61601**	**TEIKIN NO.** **P 44675**					
Surface Treatment Tin Coated	**Bore Clearance** MRC: 0.030 mm MP: 8.00 mm	**REFERENCE NO.** KS: 91 513 600 MAHLE: 034 89 00	**REFERENCE NO.** KS: 800001310000 MAHLE: 034 89 N0					1

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
330, J6, 103 6 cyl.	Ø 103.18 CD 71.47 -21.5 TL 118.23	3 - 2.4 2 - 4.8	Ø 34.925 TL 88.00				
	TEIKIN NO. 28101	TEIKIN NO. R 28101	TEIKIN NO. P 28101				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.180 mm MP: 10.30 mm	REFERENCE NO. 497301	REFERENCE NO.					1
103-II CNG APPLICATION 6 cyl.	Ø 103.18 CD 69.30 -19.1 TL 116.00	3 - 2.4 2 - 4.8	Ø 34.925 TL 88.00				
	TEIKIN NO. 28109		TEIKIN NO. P 28101				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.180 mm MP: 10.30 mm	REFERENCE NO.						2
104 6 cyl.	Ø 104.78 CD 70.96 -26.0 TL 118.10	3 - 2.4 1 - 4.8	Ø 34.925 TL 90.00				
	TEIKIN NO. 28108		TEIKIN NO. P 28108				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.150 mm MP: 13.50 mm	REFERENCE NO. 2701E-6110						3
107 6 cyl.	Ø 107.21 CD 71.20 -26.7 TL 119.90	3 - 2.4 1 - 4.8	Ø 36.512 TL 90.00				
	TEIKIN NO. 28107		TEIKIN NO. P 28107				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.110 mm MP: 15.00 mm	REFERENCE NO. 703F-6110-AAC						4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

M 20 B 20 L — **1991 cc** — 6 cyl.

M20B20 M1.Z7 KAT
320/6 1977-82, 320i 1982-91
520i 1988-91



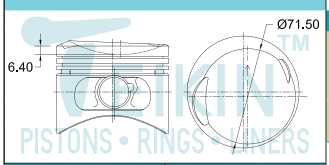
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 6.50 mm

Ø 80.00			
CD 43.40 +2.1 TL 70.60	1 - 1.5 1 - 2.0 1 - 3.5	Ø 22.000 TL 62.00	
TEIKIN NO. 54101	**TEIKIN NO.** R 54101	**TEIKIN NO.** P 43222	
REFERENCE NO. KS: 92 985 600	**REFERENCE NO.** KS: 800001661000		

1

M 20 B 25 M1 Z7 KAT — **2494 cc** — 6 cyl.

Z1 2.5 1988-91
325i 1986-93, 525i 1988-91



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.00 mm

Ø 84.00			
CD 34.50 +4.0 TL 69.40	1 - 1.5 1 - 1.75 1 - 3.0	Ø 22.000 TL 55.00	
TEIKIN NO. 54102	**TEIKIN NO.** R 54102	**TEIKIN NO.** P 48102	
REFERENCE NO. KS: 93 127 600	**REFERENCE NO.** KS: 800001921000		

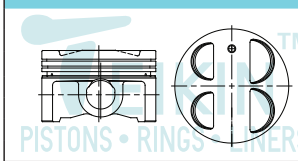
2

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

SQR372 — 812 cc — 3 cyl.

PRACTIVAN (2014 -)
YOKI (Q22B)
QQ

PISTON SET	RINGS	PIN
Ø 72.00	2 - 1.2	Ø 18.000
CD 27.90	1 - 2.5	TL 53.00
TL 44.90		
TEIKIN NO. 33105		TEIKIN NO. P 46332
REFERENCE NO. 372-1004021AC		



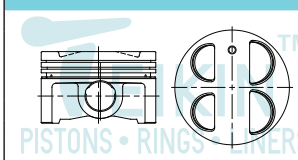
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Anodized Crown	MP: 5.50 mm
1st Ring Anodized	

1

SQR472 — 4 cyl.

QQ, QQ 3, QQ 6
QQ 1.1, QQ 1.2
QUEEN
IQ

PISTON SET	RINGS	PIN
Ø 72.00	2 - 1.2	Ø 18.000
CD 27.90	1 - 2.5	TL 53.00
TL 44.95		
TEIKIN NO. 33103		TEIKIN NO. P 46332
REFERENCE NO. 472-1004021		



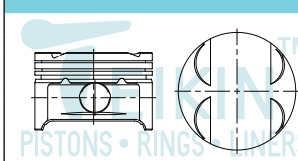
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Anodized Crown	MP: 5.50 mm
1st Ring Anodized	

2

SQR473H — 1297 cc — 4 cyl.

KIMO (2006-2015)
JAGGI

PISTON SET	RINGS	PIN
Ø 73.00	1 - 1.2	Ø 18.000
CD 28.00	1 - 1.0	TL 45.00
TL 48.00	1 - 2.5	
TEIKIN NO. 33106	TEIKIN NO.	TEIKIN NO. P 33102
REFERENCE NO. 473H-1004015		



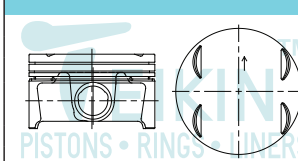
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
	MP: 9.00 mm

3

SQRE4T15C — 4 cyl.

TIGGO 5
GRAND ARRIZO 5/6
TIGGO 7 PRO
TIGGO 8 JETOUR

PISTON SET	RINGS	PIN
Ø 77.00	1 - 1.2	Ø 18.000
CD 28.50	1 - 1.0	TL 45.00
TL 45.45	1 - 1.5	
TEIKIN NO. 33102	TEIKIN NO. R 33102	TEIKIN NO. P 33102
REFERENCE NO. E4T15C-1004015	REFERENCE NO.	



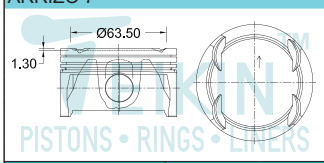
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.50 mm
1st Ring Anodized	

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

SQRE4G16 — 1598 cc — 4 cyl.

TIGGO 3 (2018)
TIGGO 4
TIGGO 5
TIGGO T11 (2005-2016)
ARRIZO 7



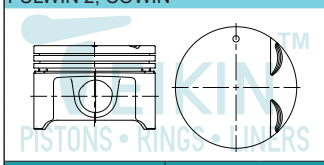
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 77.00 CD 26.00 -1.3 TL 45.00	1 - 1.0 1 - 1.2 1 - 1.5	Ø 18.000 TL 45.00				
TEIKIN NO. 33108		TEIKIN NO. P 33102				
REFERENCE NO. E4G16-1004020						

5

SQR477F — 4 cyl.

A5
FORA
E3, E5
BONUS 3
FULWIN 2, COWIN



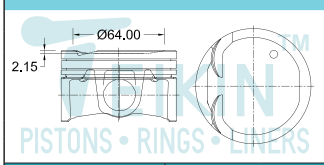
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 5.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 77.40 CD 32.20 TL 53.30	1 - 1.2 1 - 1.5 1 - 2.0	Ø 20.625 TL 61.50				
TEIKIN NO. 33104		TEIKIN NO. P 33104				
REFERENCE NO. 477F-1004015						

6

SQRF4J20 — 1998 cc — 4 cyl.

TIGGO 8 PRO (2022)
EXEED VX
JIETOUR X95

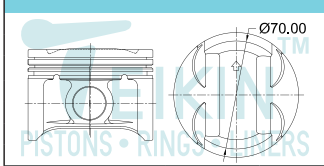


Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 80.50 CD 30.95 -2.2 TL 49.45	2 - 1.2 1 - 2.0	Ø 22.000 TL 51.00				
TEIKIN NO. 33109		TEIKIN NO. P 33109				
REFERENCE NO. F4J20-1004130	REFERENCE NO.					

7

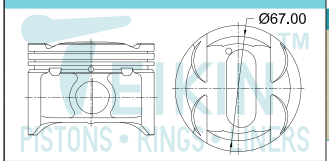
TIGGO — 1600 cc — 4 cyl.



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 10.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 81.00 CD 34.70 +0.9 TL 59.60	1 - 1.2 1 - 1.5 1 - 2.5	Ø 21.000 TL 54.00				
TEIKIN NO. 33101	TEIKIN NO. R 33101	TEIKIN NO. P 33101				
REFERENCE NO. 481H-1004020	REFERENCE NO.					

8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
SQR481FD **1600 cc**	**Ø 81.00**	1 - 1.2	Ø 21.000					
E5 **4 cyl.**		1 - 1.5	TL 62.00					
ORINOCO A3	CD 34.70							
	+1.0	1 - 2.5						
	TL 59.75							
	**TEIKIN NO.** **33107**	**TEIKIN NO.**	**TEIKIN NO.** **P 33107**					
Surface Treatment	**REFERENCE NO.** 481FD-1004030	**REFERENCE NO.**						
Anodized Crown								
1st Ring Anodized								
Bore Clearance								
MRC: 0.030 mm								
MP: 7.00 mm								

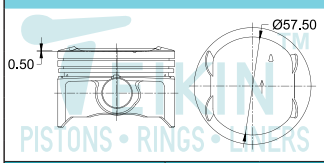
9

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

SPARK 1.0

4 cyl.

Ø 68.50	2 - 1.2	Ø 17.000
CD 25.00		TL 52.00
+2.3	1 - 2.0	
TL 47.30		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
30129	R 30129	P 48209

REFERENCE NO.	REFERENCE NO.
25192073	93745491

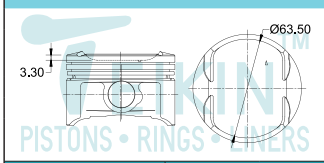
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 9.00 mm

1

SPARK GT 1.2 1200 cc

4 cyl.

Ø 69.70	2 - 1.2	Ø 17.000
CD 25.30		TL 53.00
+2.3	1 - 2.0	
TL 47.60		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
30109	R 58139	P 49106

REFERENCE NO.	REFERENCE NO.
96897461 9002783 9002781	93744884

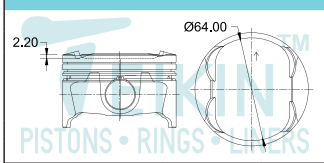
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.50 mm

2

SPARK 1.25 L

4 cyl.

Ø 70.50	1 - 1.0 1 - 1.2	Ø 18.000
CD 24.80		TL 47.50
+2.4	1 - 2.0	
TL 47.80		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
30116	R 30116	P 30110

REFERENCE NO.	REFERENCE NO.

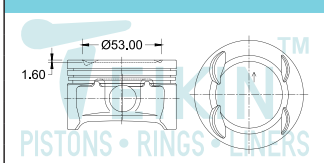
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 8.00 mm

3

A14XER 1398 cc

CRUZE
2013
4 cyl.

Ø 73.40	2 - 1.2	Ø 18.000
CD 25.90		TL 53.00
-1.6	1 - 2.0	
TL 46.80		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
30121	R 30121	P 46332

REFERENCE NO.	REFERENCE NO.
555 625 83 555 711 02 55588065 623 150 625 067	630 012 630 157 555 710 28 931 797 23

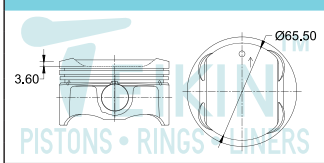
Surface Treatment	Bore Clearance
Chromated Moly Skirt	MRC: 0.030 mm MP: 5.50 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

SAIL 1.4L — 1400 cc — 4 cyl.

Ø 73.80	2 - 1.2	Ø 18.000
CD 24.30		TL 47.50
+2.2	1 - 2.0	
TL 45.10		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
30110	R 30110	P 30110

REFERENCE NO.	REFERENCE NO.
2410-2246	93736247
9048491	

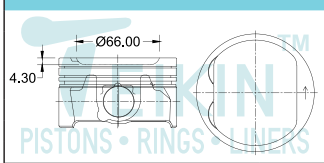
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
	MP: 5.30 mm

5

LL5 / LJO — 1451 cc — 4 cyl.

CAPTIVA II (2021 - 2023)
ALMAZ

Ø 73.80	1 - 1.0	Ø 19.000
	1 - 1.2	TL 47.00
CD 27.40		
-4.3	1 - 2.0	
TL 43.70		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
30133		P 44609

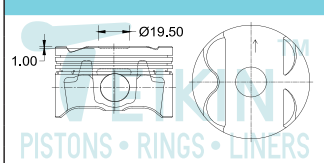
REFERENCE NO.	REFERENCE NO.
24567845	
23527685	

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.00 mm
1st Ring Anodized	

6

SPARK 1.4L — 4 cyl.

Ø 74.00	2 - 1.2	Ø 18.000
		TL 45.00
CD 26.60		
-1.0	1 - 2.0	
TL 45.90		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
30131		P 33102

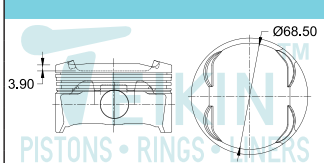
REFERENCE NO.	REFERENCE NO.
25202072	
12669763	

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.00 mm
1st Ring Anodized	

7

SAIL 1.5L — 4 cyl.

Ø 74.70	2 - 1.0	Ø 18.000
		TL 43.00
CD 25.40		
+2.9	1 - 2.0	
TL 46.30		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
30123		P 42224

REFERENCE NO.
24103532

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.00 mm
1st Ring Anodized	

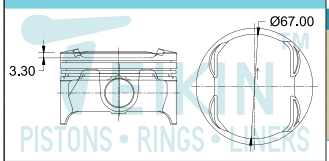
8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

NEW OPTRA

4 cyl.

Ø 74.70	2 - 1.2	Ø 18.000
CD 25.80		TL 47.50
+2.5	1 - 2.0	
TL 48.30		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
30128		P 30110

REFERENCE NO.

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 9.00 mm
1st Ring Anodized	

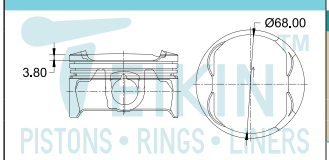
9

OPTRA 1.5L 1485 cc

OPTRA (2014-2017)

4 cyl.

Ø 74.70	2 - 1.2	Ø 18.000
CD 25.40		TL 47.50
+2.9	1 - 2.0	
TL 46.20		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
30135		P 30110

REFERENCE NO.
23858612

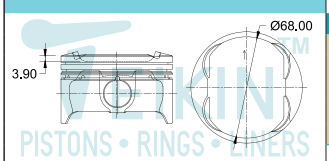
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.00 mm
1st Ring Anodized	

10

SPIN 1.5

4 cyl.

Ø 74.71	1 - 1.0 1 - 1.2	Ø 18.000
CD 25.50		TL 47.50
+2.7	1 - 2.0	
TL 48.20		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
30114	R 30114	P 30110

REFERENCE NO.	REFERENCE NO.
25190026	25190067

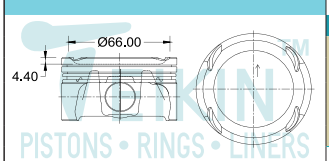
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
	MP: 9.50 mm

11

ONIX 1.2L TURBO

3 cyl.

Ø 75.00	2 - 1.2	Ø 19.000
CD 26.60		TL 46.00
-4.4	1 - 2.0	
TL 42.60		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
30136		P 30136

REFERENCE NO. REFERENCE NO.

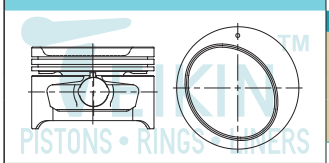
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.00 mm
1st Ring Anodized	

12

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET

AVEO 1498 cc — 4 cyl.

Ø 76.50	2 - 1.5	Ø 18.000
CD 28.00		TL 56.00
-5.3	1 - 3.0	
TL 51.00		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
30104	R 49101	P 30104

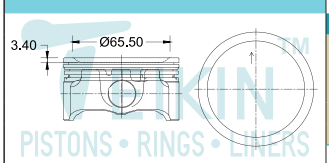
REFERENCE NO.	REFERENCE NO.
96335640	93742293 93742294 93742295 NP960

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 8.00 mm

13

ONIX 1.4L NF 8V — 4 cyl.

Ø 77.60	2 - 1.0	Ø 18.000
CD 24.50		TL 56.00
-3.4	1 - 2.0	
TL 42.50		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
30115	R 30115	P 30104

REFERENCE NO.
SUB0678

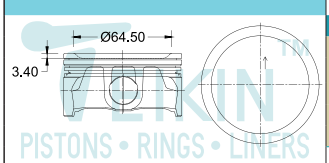
Surface Treatment	Bore Clearance
Tin Coated Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 8.00 mm

14

ONIX 1.4L 1389 cc — 4 cyl.

ONIX (2013-2017)
PRISMA (2013-2017)

Ø 77.60	2 - 1.0	Ø 18.000
CD 24.50		TL 47.50
-3.4	1 - 2.0	
TL 41.40		



TEIKIN NO.	TEIKIN NO.
30134	P 30110

REFERENCE NO.
24585683

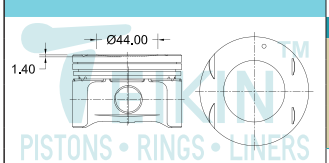
Surface Treatment	Bore Clearance
Tin Coated Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 5.50 mm

15

AVEO-III 1400 cc — 4 cyl.

CHEVROLET OPTRA
1.4L

Ø 77.90	1 - 1.2 1 - 1.5	Ø 18.000
CD 31.90		TL 56.00
-1.4	1 - 2.5	
TL 51.90		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
30107	R 30107	P 30104

REFERENCE NO.	REFERENCE NO.
96389056	93740422

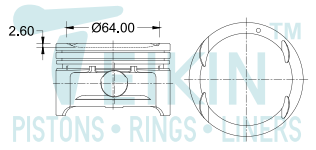
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 7.00 mm

16

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

AVEO-II 1600 cc
4 cyl.

AVEO 04-05
E-TEC II
DOHC 16V
DAEWOO LACETTI 1.6 DOHC
PONTIAC G3 2007-2008

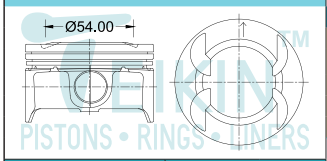


Ø 79.00	1 - 1.2	Ø 18.000
	1 - 1.5	TL 56.00
CD 27.80		
-2.6	1 - 3.0	
TL 49.80		
TEIKIN NO. 30105	**TEIKIN NO.** R 49102	**TEIKIN NO.** P 30104
REFERENCE NO. 96389106 93740514 93740515	**REFERENCE NO.** S1220014 S1220015 S1220016 93740225	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 9.00 mm

17

SONIC 1.6L 1600 cc
4 cyl.

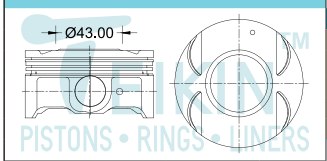


Ø 79.00	2 - 1.2	Ø 19.000
		TL 47.00
CD 26.80		
+1.2	1 - 2.0	
TL 50.00		
TEIKIN NO. 30119	**TEIKIN NO.** R 30119	**TEIKIN NO.** P 44609
REFERENCE NO. 25190255	**REFERENCE NO.**	

Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 9.00 mm

18

CRUZE 1.8L
4 cyl.

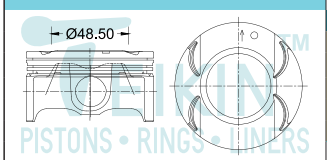


Ø 80.50	2 - 1.2	Ø 19.000
		TL 50.00
CD 25.40		
+1.0	1 - 2.0	
TL 43.20		
TEIKIN NO. 30112	**TEIKIN NO.** R 30112	**TEIKIN NO.** P 48205
REFERENCE NO. 96476941	**REFERENCE NO.** G-0814120000 KS: 800038910000 MAHLE: 01202N0 MAHLE: A14195	

Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 5.00 mm

19

TRACKER 1.8L 1796 cc
4 cyl.



Ø 80.50	2 - 1.2	Ø 19.000
		TL 50.00
CD 25.40		
+0.7	1 - 2.0	
TL 45.10		
TEIKIN NO. 30120		**TEIKIN NO.** P 48205
REFERENCE NO. 25192330		

Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.00 mm

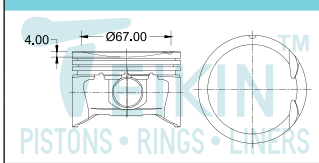
20

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

OPTRA 1.8L

4 cyl.

Ø 81.60	1 - 1.2 1 - 1.5	Ø 21.000 TL 61.50				
CD 30.40 -4.0 TL 56.40	1 - 3.0					
TEIKIN NO. 30106	**TEIKIN NO.** R 30106	**TEIKIN NO.** P 56104				
REFERENCE NO. 92066781	**REFERENCE NO.**					



Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 11.20 mm

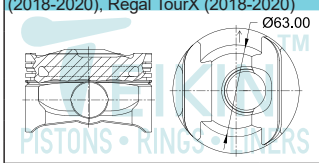
21

LTG 2.0L

Malibu (2013-2020), Camaro (2016-2020), Equinox (2018-2020), Traverse (2018-2019), Terrain (2018-2020), ATS (2013-2019), CT6 (2016-2018), CTS (2014-2019), Envision (2016-2020), Regal (2014-2017), Regal Sportsback (2018-2020), Regal TourX (2018-2020)

4 cyl.

Ø 86.00	1 - 1.2 1 - 1.5	Ø 24.000 TL 58.00				
CD 32.00 +2.5 TL 56.50	1 - 2.0					
TEIKIN NO. 30132G	**TEIKIN NO.** R 30132	**TEIKIN NO.** P 46405				
REFERENCE NO. 12652809	**REFERENCE NO.** 19180831 4807851 89018107 M-011RS101030N0					



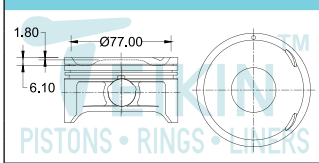
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.50 mm

22

CAPTIVA 2.4L 2400 cc

4 cyl.

Ø 87.50	1 - 1.2 1 - 1.5	Ø 21.000 TL 61.50				
CD 27.00 -6.1 TL 50.10	1 - 2.5					
TEIKIN NO. 30111	**TEIKIN NO.** R 30111	**TEIKIN NO.** P 56104				
REFERENCE NO. 92067744	**REFERENCE NO.** 92067904					



Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 10.00 mm

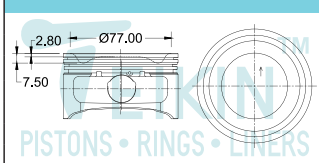
23

DIMAX 2.4L

D-MAX 2.400
2015

4 cyl.

Ø 87.50	1 - 1.2 1 - 1.5	Ø 21.000 TL 63.50				
CD 27.30 -7.5 TL 50.30	1 - 2.5					
TEIKIN NO. 30122		**TEIKIN NO.** P 32120				
REFERENCE NO. 24577832						



Surface Treatment	Bore Clearance
Tin Coated Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 10.00 mm

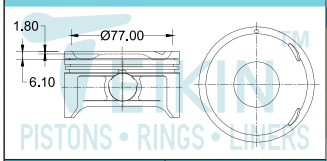
24

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

CAPTIVA 3.6L

6 cyl.

Ø 87.50	1 - 1.2 1 - 1.5	Ø 21.000 TL 61.50				
CD 27.00 -6.1 TL 50.10	1 - 2.5					
TEIKIN NO. **30111-6**		**TEIKIN NO.** **P 56104**				
REFERENCE NO. 92067744						



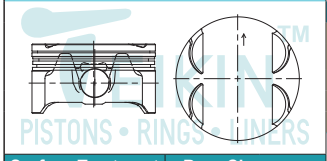
Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 10.00 mm

25

CAPTIVA SPORT 2.4 L 2384 cc

4 cyl.

Ø 88.00	1 - 1.2 1 - 1.5	Ø 20.000 TL 55.00				
CD 27.80 -2.7 TL 49.30	1 - 2.0					
TEIKIN NO. **30118**	**TEIKIN NO.** **R 30118**	**TEIKIN NO.** **P 42108**				
REFERENCE NO. 12646457 12631102 12643173	**REFERENCE NO.** 12659419 19300926 HT-2C4564 MAHLE: 42101CP					



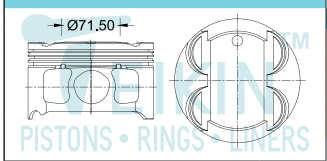
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 8.50 mm

26

CAPTIVA 3.2

6 cyl.

Ø 89.00	1 - 1.2 1 - 1.5	Ø 24.000 TL 60.00				
CD 32.00 +0.4 TL 55.40	1 - 2.5					
TEIKIN NO. **30113**	**TEIKIN NO.** **R 30113**	**TEIKIN NO.** **P 30113**				
REFERENCE NO. 92068448	**REFERENCE NO.** 920 684 46					



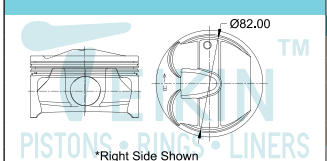
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 8.50 mm

27

CAPTIVA 3.0 L 3000 cc

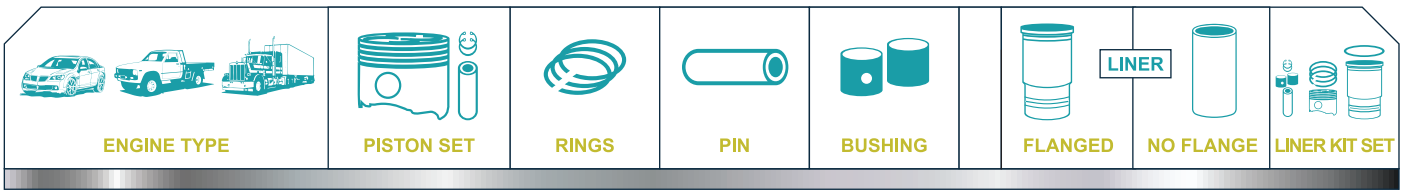
6 cyl.

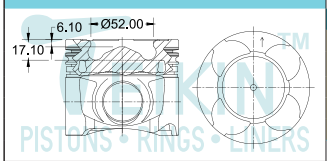
Ø 89.00	1 - 1.0 1 - 1.2	Ø 24.000 TL 52.00				
CD 29.00 +5.3 TL 56.30	1 - 1.5					
TEIKIN NO. **30117**	**TEIKIN NO.** **R 30117**	**TEIKIN NO.** **P 30117**				
REFERENCE NO. 12631195 (R) 12631196 (L)	**REFERENCE NO.** 12631194					



Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 6.00 mm

28

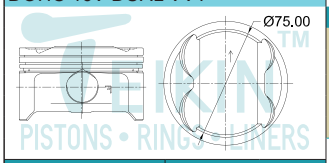


ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
S10 4 cyl.	**Ø 94.00** CD 52.00 -17.1 TL 80.10	1 - 2.8 FK 1 - 2.0 1 - 2.0	Ø 31.990 TL 71.00				
	**TEIKIN NO.** **30130AG**	**TEIKIN NO.** **R 30130**	**TEIKIN NO.** **P 30130**				
Surface Treatment Moly Skirt	**REFERENCE NO.**	**REFERENCE NO.**					
Bore Clearance MRC: 0.050 mm MP: 9.00 mm							

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

1.8L — 1798 cc — 4 cyl.

AVENGER 2008-2010
CALIBER 2007-2011
JEEP COMPASS
PATRIOT 2007-2011
DOHC 16V DUAL VVT



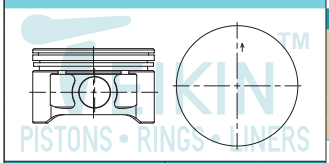
Surface Treatment	Bore Clearance
Chromated	MRC: 0.030 mm
Moly Skirt	MP: 9.00 mm

Ø 86.00			
CD 27.20	2 - 1.2	Ø 21.000	
+1.1	1 - 2.0	TL 59.00	
TL 51.20			
TEIKIN NO. 31132		**TEIKIN NO.** P 45131	
REFERENCE NO. 05191337AA 05191338AA 05191339AA			

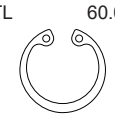
1

2.7 L — 2736 cc — 6 cyl.

INTERPID
CONCORDE
F.I.,DOHC 24 V
INTREPID 98-01



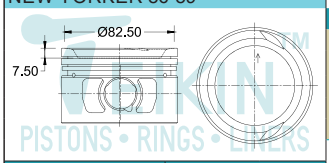
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.020 mm
Anodized Crown	MP: 8.50 mm
1st Ring Anodized	

Ø 86.00			
CD 31.20	2 - 1.5	Ø 22.000	
	1 - 3.0	TL 60.00	
TL 53.20			
TEIKIN NO. 31117	**TEIKIN NO.** R 31117	**TEIKIN NO.** P 34102	
REFERENCE NO. 5003427AA 5018627AA 5018627AC 5018627AD 05018627AB	**REFERENCE NO.** 4897027AA 4897027AB 632011 90509740		

2

2.5 L — 2507 cc — 4 cyl.

SPIRIT / SHADOW
TURBO DAYTONA,
SUNDANCE
F.I., SOHC 8V 1989-95
NEW YORKER 86-89



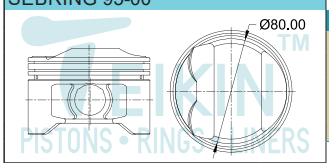
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 6.50 mm

Ø 87.50			
CD 34.50	2 - 1.5	Ø 22.885	
-7.5	1 - 4.0	TL 69.00	
TL 56.50			
TEIKIN NO. 31115		**TEIKIN NO.** P 31115	
REFERENCE NO. 4637664			

3

2.4 L — 2429 cc — 4 cyl.

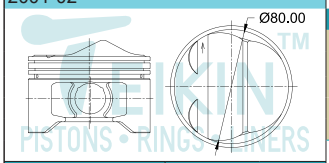
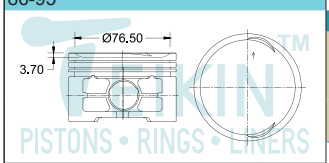
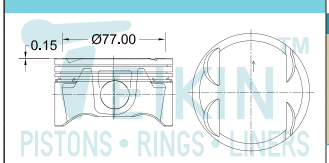
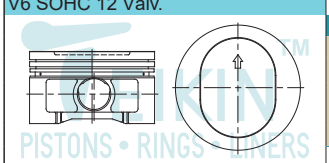
CIRRUS / STRATUS
BREEZE, SEBRING
F.I., DOHC 16 V
1997-00
SEBRING 95-00



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm
	MP: 9.50 mm

Ø 87.50			
CD 30.40	1 - 1.2 1 - 1.5	Ø 22.000	
+6.5	1 - 3.0	TL 72.60	
TL 61.50			
TEIKIN NO. 31116	**TEIKIN NO.** R 31116	**TEIKIN NO.** P 31116	
REFERENCE NO. 4897660AA	**REFERENCE NO.** 4897024AA HT-2C4948 N-SWC10-004		

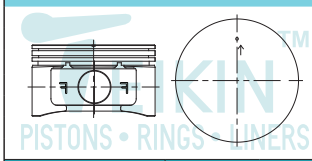
4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
EDZ 2429 cc CARAVAN, VOYAGER PT CRUISER, SEBRING STRATUS F.I., DOHC 16 V 2001-02 4 cyl.	Ø 87.50 CD 30.20 +11.5 TL 66.30	2 - 1.5 1 - 3.0	Ø 22.000 TL 72.60				
	TEIKIN NO. 31118	TEIKIN NO. R 31118	TEIKIN NO. P 31116				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.020 mm MP: 9.50 mm	REFERENCE NO. 5066565AA 5066565AB	REFERENCE NO. 4773005 5073524AA HT-2M4734 N-SWC10-007					5
2.5L-II (153) SOHC 8 VAL VIN J.K SHADOW SPIRIT PHANTOM 86-95 4 cyl.	Ø 87.50 CD 34.50 -3.7 TL 56.10	2 - 1.5 1 - 4.0	Ø 22.885 TL 67.50				
	TEIKIN NO. 31125		TEIKIN NO. P 31120				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.030 mm MP: 6.00 mm	REFERENCE NO. 4536292 4536293						6
2.0L TIGERSHARK 1995 cc DODGE DART (2012-2016) 4 cyl.	Ø 88.00 CD 27.30 -0.2 TL 50.65	2 - 1.2 1 - 2.0	Ø 21.000 TL 54.00				
	TEIKIN NO. 31136		TEIKIN NO. P 33101				
Surface Treatment: Moly Skirt, Anodized Crown, 1st Ring Anodized Bore Clearance: MRC: 0.030 mm MP: 10.00 mm	REFERENCE NO. 68165766AB						7
MOT. 201 3300 cc GRAND VOYAGER VOYAGER, TOWN & COUNTRY 1991 - 2000 V6 SOHC 12 Vály. 6 cyl.	Ø 93.00 CD 31.70 -2.3 TL 53.60	2 - 1.5 1 - 3.0	Ø 22.885 TL 67.50				
	TEIKIN NO. 31120		TEIKIN NO. P 31120				
Surface Treatment: Moly Skirt Bore Clearance: MRC: 0.030 mm MP: 7.00 mm	REFERENCE NO. 5241057						8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

POWER TECH 3.7 — 3701 cc — 6 cyl.

Ø 93.00	2 - 1.5	Ø 24.020 TL 59.00				
CD 31.80 TL 53.90	1 - 3.0					
TEIKIN NO. 31130-6	**TEIKIN NO.** R 31130-6	**TEIKIN NO.** P 31130				
REFERENCE NO. 5012362AB 5012362AC 5019316AA	**REFERENCE NO.** 4897033A 5012364AC 5241052					

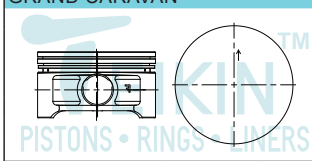


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

9

3.3L — 6 cyl.
TOWN & COUNTRY
VOYAGER,
GRAND VOYAGER
CARAVAN
GRAND CARAVAN

Ø 93.00	2 - 1.5	Ø 22.885 TL 67.50				
CD 30.00 TL 52.00	1 - 3.0					
TEIKIN NO. 31133		**TEIKIN NO.** P 31120				
REFERENCE NO. 04897772AA 04666130AB						

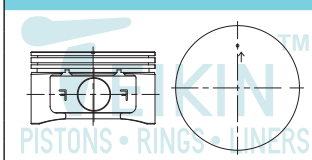


Surface Treatment	Bore Clearance
Chromated Moly Skirt	MRC: 0.030 mm MP: 8.00 mm

10

POWER TECH 4.7 — 4701 cc — 8 cyl.

Ø 93.00	2 - 1.5	Ø 24.020 TL 59.00				
CD 31.80 TL 53.90	1 - 3.0					
TEIKIN NO. 31130	**TEIKIN NO.** R 31130	**TEIKIN NO.** P 31130				
REFERENCE NO. 5012362AB 5012362AC 5019316AA	**REFERENCE NO.** 4897033A 5012364AC 5241052					

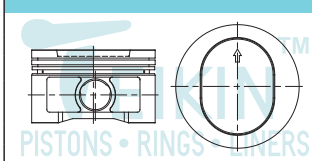


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

11

MOT. 232 — 3800 cc — 6 cyl.
GRAND VOYAGER
TOWN & COUNTRY
1994-2000
V6 OHV 12 Vály (Vin-L)

Ø 96.00	2 - 1.5	Ø 22.885 TL 71.50				
CD 34.90 -4.9 TL 56.60	1 - 3.0					
TEIKIN NO. 31119		**TEIKIN NO.** P 31119				
REFERENCE NO. 4797692						



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 6.00 mm

12

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
						LINER	

EGH 3778 cc — 6 cyl.

PACIFICA 2005-2007
CARAVAN 2000-2008
GRAND CARAVAN 2001-2002
TOWN & COUNTRY 2001-2008
24V V6

Ø 96.00	1 - 1.2 1 - 1.5	Ø 22.885 TL 71.50				
CD 32.30	1 - 3.0					
TL 54.10						
TEIKIN NO. 31121		**TEIKIN NO.** P 31119				
REFERENCE NO. 4666129AA						

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 6.50 mm

13

EGJ 3518 cc — 6 cyl.

PACIFICA 2002-2007
SEBRING 2007-2008
SOHC V6 24V

Ø 96.00	1 - 1.2 1 - 1.5	Ø 24.000 TL 61.00				
CD 38.20 -0.6 TL 62.20	1 - 3.0					
TEIKIN NO. 31122		**TEIKIN NO.** P 46300				
REFERENCE NO. 5102235AA						

Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 9.00 mm

14

3.6L 3604 cc — 6 cyl.

JOURNEY, AVENGER, CHARGER,
CHALLENGER, 300, 200,
TOWN & COUNTRY, VOYAGER
CARAVAN, DURANGO, VW ROUTAN
JEEP GRAND CHEROKEE, WRANGLER

Ø 96.00	2 - 1.2	Ø 22.000 TL 52.00				
CD 29.60 -0.5 TL 51.50	1 - 2.0					
TEIKIN NO. 31134	**TEIKIN NO.** R 31134	**TEIKIN NO.** P 55106				
REFERENCE NO. 05184347AG 5184503AG M-2243855WR M-2243855	**REFERENCE NO.** 68078776A M-42155CP N-SWC10-025					

Surface Treatment	Bore Clearance
Chromated Moly Skirt	MRC: 0.030 mm MP: 8.00 mm

15

153 2507 cc — 4 cyl.

1996-2002
JEEP SAHARA 98-02
WRANGLER 01-06
RUBICON 05-06
GRAND CHEROKEE 98-02

Ø 98.43	2 - 1.5	Ø 23.640 TL 68.50				
CD 40.50 -2.6 TL 69.20	1 - 4.0					
TEIKIN NO. 31124		**TEIKIN NO.** P 31124				
REFERENCE NO. 53020507						

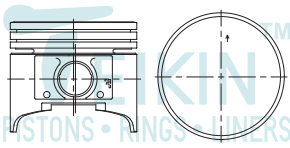
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 13.00 mm

16

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

3.9L (239)

OHV 12 VAL — 6 cyl.
DAKOTA
RAM VAN
RAM1500
92-03



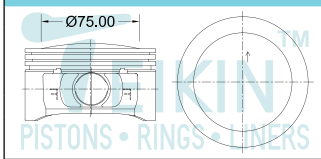
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 24.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER KIT SET
Ø 99.31 CD 44.80 TL 86.30	2 - 2.0 1 - 4.0	Ø 25.000 TL 76.00		
TEIKIN NO. 31127		TEIKIN NO. P 31127		
REFERENCE NO. 53008567				

17

HEMI 5.7

8 cyl.



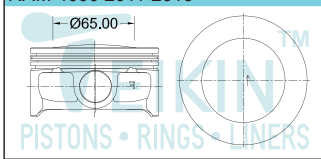
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 8.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER KIT SET
Ø 99.50 CD 30.70 +4.0 TL 58.70	2 - 1.5 1 - 3.0	Ø 24.000 TL 71.00		
TEIKIN NO. 31131		TEIKIN NO. P 31131		
REFERENCE NO. 05086011AB				

18

5.7L — 5654 cc

ASPEN 2009 — 8 cyl.
CHALLENGER 2009-2011
DURANGO 2009-2013
RAM 1500, 2500, 3500 2009-2013,
RAM 4000 2011-2013



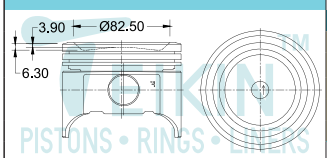
Surface Treatment	Bore Clearance
Chromated Moly Skirt	MRC: 0.030 mm MP: 8.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER KIT SET
Ø 99.50 CD 30.00 +2.4 TL 55.10	2 - 1.2 1 - 2.0	Ø 24.000 TL 63.00		
TEIKIN NO. 31135	TEIKIN NO. R 31135	TEIKIN NO. P 44262		
REFERENCE NO. 53022257AE 53022258AE 53022257AC / AD 53022258AC / AD MAHLE : 2243731	REFERENCE NO. 68046210AB MAHLE: 42108CP			

19

5.9L (360)

OHV 16 VAL — 8 cyl.
RAM CHARGER
D350
79-95



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 25.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER KIT SET
Ø 101.60 CD 40.50 -6.3 TL 80.90	2 - 2.0 1 - 4.75	Ø 25.000 TL 76.00		
TEIKIN NO. 31126	TEIKIN NO.	TEIKIN NO. P 31127		
REFERENCE NO. 4006960 4006959				

20

TEIKIN™ PISTONS • RINGS • LINERS

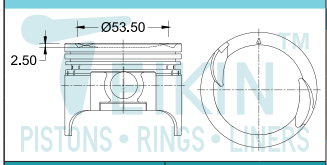
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
370 CID **6059 cc** DODGE **8 cyl.** JEEP 6.1L V8 HEMI 2005-2010	**Ø 103.00** CD 31.00 TL 55.00	2 - 1.5 1 - 3.0	Ø 25.000 TL 65.00					
	TEIKIN NO. **31129**		**TEIKIN NO.** **P G0120**					
*Right Side Shown **Surface Treatment** Moly Skirt Anodized Crown 1st Ring Anodized	**REFERENCE NO.** 68031890AD (R/L) 68031891AD **Bore Clearance** MRC: 0.030 mm MP: 7.00 mm							21

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

F8C — 800 cc — 3 cyl.

TICO, DAMAS

Ø 68.50	1 - 1.2	Ø 16.000
	1 - 1.5	TL 52.50
CD 25.00		
-2.5	1 - 2.8	
TL 55.00		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
49104	R 49104	P 45113

REFERENCE NO.	REFERENCE NO.
12111-A78B01-0A0	12140-78B00
12111-078B00-000	94599003
12111-A78B01-0B0	94581419

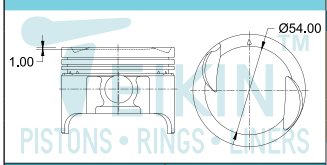
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 17.00 mm

1

MATIZ II — 1000 cc — 4 cyl.

B10S
MATIZ (PONTIAC G2) 62 CP 04-06,
MATIZ (PONTIAC G2) 65 CP 07-09

Ø 68.50	2 - 1.2	Ø 17.000
		TL 53.00
CD 25.20		
-1.0	1 - 2.5	
TL 52.20		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
49106	R 49106	P 49106

REFERENCE NO.	REFERENCE NO.
96325189	96325192
96325191	96611457
96567383/4/5/6	96611458

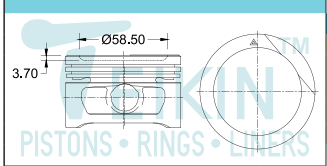
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 14.50 mm

2

LE MANS 1.5 — 1500 cc — 4 cyl.

CIERO, LANOS, CIELO
SOHC

Ø 76.50	2 - 1.5	Ø 18.000	TL 180.0	TEIKIN NO.
		TL 56.00	OD 80.5	LKSX 49101
CD 27.95				
-3.7	1 - 3.0			
TL 48.35				



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
49101	R 49101	P 30104	LSX 49101

Surface Treatment
None

REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
NP1014	93742293	
96143171	93742294	
96081975	93742295	
90264520	NP960	
96350120		

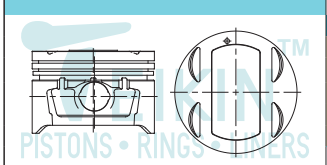
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 6.00 mm

3

CIELO 1.5 — 1500 cc — 4 cyl.

A15MF
DOHC

Ø 76.50	2 - 1.5	Ø 18.000	TL 180.0	TEIKIN NO.
		TL 56.00	OD 80.5	LKSX 49103
CD 28.30				
+0.6	1 - 3.0			
TL 51.90				



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
49103	R 49101	P 30104	LSX 49101

Surface Treatment
None

REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
96182163	93742293	
96183336	93742294/5	
	NP960	

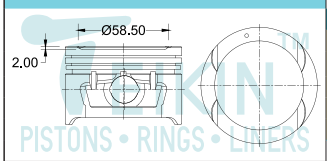
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 7.50 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

NUBIRA-II 1498 cc — 4 cyl.

Ø 76.50	2 - 1.5	Ø 18.000		TL 180.0		TEIKIN NO.
CD 28.30		TL 56.00		OD 80.5		LKSX 49105
-2.0	1 - 3.0					
TL 51.30						



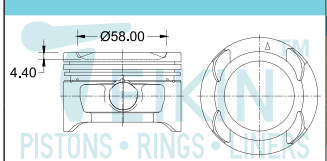
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
49105	R 49101	P 30104		LSX 49101
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
96182814 93740215/16 93740221/22 S1220010/11 S1220028/29	93742293 93742294/5 NP960			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 8.00 mm

5

NUBIRA-IV — 4 cyl.

Ø 76.50	2 - 1.5	Ø 18.000				
CD 28.30		TL 54.00				
-4.4	1 - 3.0					
TL 51.30						



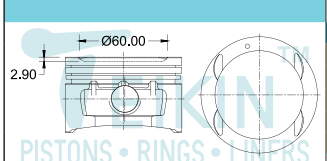
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
49107	R 49101	P 58107		
REFERENCE NO.	REFERENCE NO.			
	93742293 93742294/5 NP960			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 9.00 mm

6

NUBIRA — A16DM, A16MF — 4 cyl.

Ø 79.00	1 - 1.2 1 - 1.5	Ø 18.000 TL 56.00				
CD 28.40						
-2.9	1 - 3.0					
TL 51.30						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
49102	R 49102	P 30104		
REFERENCE NO.	REFERENCE NO.			
96182846 93740129 93740219/20 S1220019 S1220020/1/2	S1220014 S1220015 S1220016 93740225			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 8.00 mm

7

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

S-38P (NEW) 356 cc
L-38 FELLOW (OLD) 2 cyl.

PISTON SET	RINGS	PIN
Ø 62.00	1 - 2.0 HK	Ø 17.000
		TL 53.00
CD 32.00		
+5.0	2 - 2.0	
TL 71.00		
TEIKIN NO. 32106		TEIKIN NO. P 49106
REFERENCE NO. 13101-87207		

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 20.00 mm

1

KF-DET
MOVE CONTE (2008-2017) 3 cyl.
PIXIS SPACE (2011-2017)

PISTON SET	RINGS	PIN
Ø 63.00	1 - 1.0 1 - 1.2	Ø 18.000 TL 39.00
CD 27.00		
-3.7	1 - 2.0	
TL 43.00		
TEIKIN NO. 32154		TEIKIN NO. P 32154
REFERENCE NO. 13101-B2082		

Surface Treatment	Bore Clearance
Tin Coated Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 5.50 mm

2

KF-VE-II
ATRAI 3 cyl.
CAST
COPEN
ESSE, HIJET
(2012-PRESENT)

PISTON SET	RINGS	PIN
Ø 63.00	1 - 1.0 1 - 1.2	Ø 18.000 TL 39.00
CD 26.90		
-3.1	1 - 2.0	
TL 42.90		
TEIKIN NO. 32155		TEIKIN NO. P 32154
REFERENCE NO. 13101-B2092		

Surface Treatment	Bore Clearance
Chromated Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 5.00 mm

3

KF
3 cyl.

PISTON SET	RINGS	PIN
Ø 63.00	1 - 1.0 1 - 1.2	Ø 18.000 TL 36.00
CD 26.60		
-3.3	1 - 2.0	
TL 42.90		
TEIKIN NO. 32156		TEIKIN NO. P 32156
REFERENCE NO. 13103-B2020		

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 5.50 mm

4

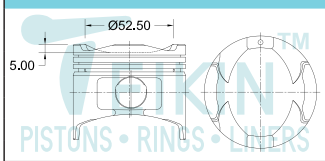
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

KANCIL 850 CC NEW — 846 cc — 3 cyl.

Ø	66.60
CD	28.50
	-5.0
TL	56.50

RINGS: 2 - 1.2; 1 - 2.0

PIN: Ø 18.000; TL 53.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
32146	R 32146	P 46332

REFERENCE NO.	REFERENCE NO.
13101-87Z13-010	

Surface Treatment	Bore Clearance
Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 16.50 mm

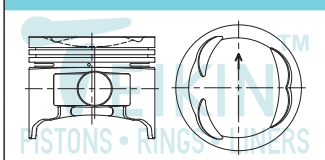
5

EF — 660 cc — 3 cyl.

Ø	68.00
CD	28.00
	-5.2
TL	55.00

RINGS: 1 - 1.2; 1 - 1.5; 1 - 2.8

PIN: Ø 18.000; TL 50.00



TEIKIN NO.	TEIKIN NO.
32150	P 45136

REFERENCE NO.
13101-87216

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.00 mm

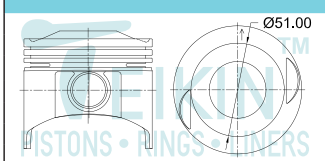
6

CD — 843 cc — 3 cyl.

Ø	70.00
CD	28.00
	+4.3
TL	64.30

RINGS: 2 - 1.5; 1 - 2.8

PIN: Ø 18.000; TL 61.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
32601 (32141)	R 32601	P 43187

REFERENCE NO.	REFERENCE NO.
13101-87717 13101-87708 13101-87731	13011-87712 13013-87710

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 19.00 mm

7

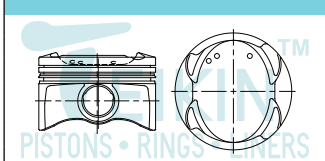
1KR-DE / 1KR-VE — 998 cc — 3 cyl.

DAIHATSU SIGRA 3 CYL
AYLA / HI-MAX 3 CYL

Ø	71.00
CD	26.50
	+2.8
TL	47.10

RINGS: 1 - 1.2; 1 - 1.0; 1 - 2.0

PIN: Ø 18.000; TL 47.50



TEIKIN NO.	TEIKIN NO.
32153	P 30110

REFERENCE NO.
13211-BZ201-001

Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 3.50 mm

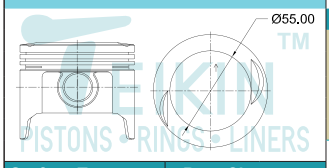
8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

S-10P — 547 cc — 2 cyl.

AB

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 71.60	2 - 1.5	Ø 18.000				
CD 30.30		TL 61.00				
+0.8	1 - 2.8					
TL 62.60						
TEIKIN NO. 32110	**TEIKIN NO.** R 32110	**TEIKIN NO.** P 43187				
REFERENCE NO. 13101-87022, 13101-87715, 13101-87732, 13101-87701	**REFERENCE NO.** 13011-87701/2, 13011-87705/9, 13011-87710/4					

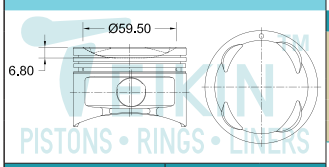


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 16.00 mm

9

KELISA 1000 CC — 989 cc — 3 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 72.00	2 - 1.2	Ø 18.000				
CD 28.70		TL 53.00				
-6.8	1 - 2.5					
TL 50.60						
TEIKIN NO. 32147		**TEIKIN NO.** P 46332				
REFERENCE NO. 13101-87Z11-01, 13101-B2170-01						



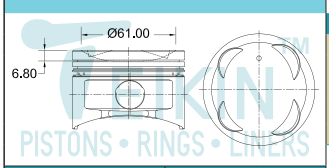
Surface Treatment	Bore Clearance
Tin Coated Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 10.00 mm

10

EJ-VE-II — 1000 cc — 3 cyl.

XENIA NEW
2013

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 72.00	2 - 1.2	Ø 18.000				
CD 28.60		TL 53.00				
-6.8	1 - 2.0					
TL 50.60						
TEIKIN NO. 32151	**TEIKIN NO.** R 32151	**TEIKIN NO.** P 46332				
REFERENCE NO. 13101-BZ090-031	**REFERENCE NO.**					



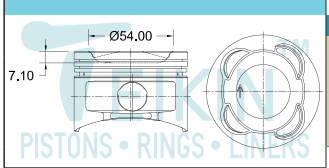
Surface Treatment	Bore Clearance
Tin Coated Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 10.00 mm

11

EJ-DE / EJ-VE — 989 cc — 3 cyl.

DOHC 12V

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 72.00	2 - 1.2	Ø 18.000				
CD 28.50		TL 53.00				
-7.1	1 - 2.5					
TL 50.60						
TEIKIN NO. 32605	**TEIKIN NO.** R 32605	**TEIKIN NO.** P 46332				
REFERENCE NO. 13101-97201, 13102-97201, 13103-97201	**REFERENCE NO.** 13011-97201/10, 13012-97201/8, 13013-97201/10					



Surface Treatment	Bore Clearance
Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 10.00 mm

12

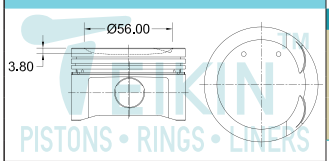
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

D

DAIHATSU

K3-DE 1300 cc
DAIHATSU GRAND MAX 1.3L — 4 cyl.

Ø 72.00	2 - 1.2	Ø 18.000
		TL 53.00
CD 28.00		
-3.8	1 - 2.0	
TL 45.50		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
32144	R 32606	P 46332

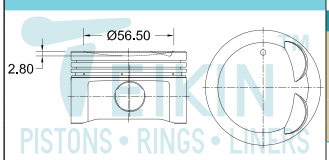
REFERENCE NO.	REFERENCE NO.
13101-BZ180-001	13011-97401
13101-BZ110	13011-97404
13101-B1030	13013-97401
13103-B1050	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Anodized Crown	MP: 5.70 mm
1st Ring Anodized	

13

K3-VE-II 1297 cc
4 cyl.

Ø 72.00	2 - 1.2	Ø 18.000
		TL 54.00
CD 28.10		
-2.8	1 - 2.0	
TL 45.20		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
32606	R 32606	P 58107

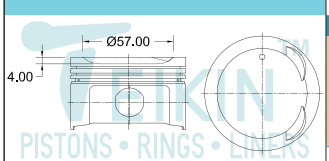
REFERENCE NO.	REFERENCE NO.
13101-97403	13011-97401
13103-97403	13011-97404
	13013-97401

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Anodized Crown	MP: 5.30 mm

14

K3-VE-III 1297 cc
COPEN ~ SIRION M300/ 301/ 311 (04-06) DOHC 16V — 4 cyl.

Ø 72.00	2 - 1.2	Ø 18.000
		TL 54.00
CD 28.10		
-4.0	1 - 2.0	
TL 45.20		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
32607	R 32606	P 58107

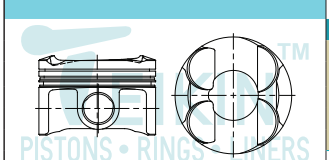
REFERENCE NO.	REFERENCE NO.
13101-97401	13011-97401
13103-97401	13011-97404
	13013-97401

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Anodized Crown	MP: 7.00 mm

15

3NR-VE 1197 cc
DAIHATSU SIGRA 4 CYL AYLA 4 CYL — 4 cyl.

Ø 72.50	1 - 1.2 1 - 1.0	Ø 18.000
		TL 53.00
CD 30.20		
+2.5	1 - 2.0	
TL 49.20		



TEIKIN NO.	TEIKIN NO.
32152	P 46332

REFERENCE NO.
13101-BZ270-001

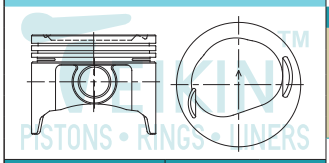
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.50 mm
1st Ring Anodized	

16

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

G11 — 993 cc — CB — 3 cyl.

Ø 76.00	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
CD 28.50	2 - 1.5	Ø 18.000				
-4.0	1 - 2.8	TL 61.00				
TL 60.55						
TEIKIN NO. 32117	**TEIKIN NO.** R 32117	**TEIKIN NO.** P 43187				
REFERENCE NO. 13101-87719, 13101-87709/13/9, 13101 -87729, 13211-87719/29	**REFERENCE NO.** 13011-87703/4/8/18, 13012-87708/18, 13013-87708/18					

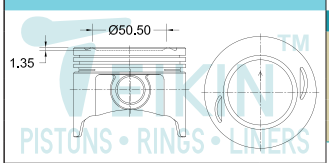


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 17.50 mm

17

S75 — 993 cc — CB — 3 cyl.

Ø 76.00	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
CD 28.45	2 - 1.5	Ø 18.000				
-1.4	1 - 2.8	TL 61.00				
TL 60.50						
TEIKIN NO. 32124	**TEIKIN NO.** R 32117	**TEIKIN NO.** P 43187				
REFERENCE NO. 13101-87730, 13101-87736, 13211-87711, 13101-87703/4, 13101-87119	**REFERENCE NO.** 13011-87703/4/8/18, 13012-87708/18, 13013-87708/18					

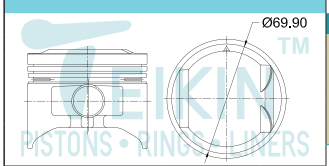


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.00 mm

18

S89 — 1295 cc — HC — DK 105 — 4 cyl.

Ø 76.00	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
CD 30.30	1 - 1.2 1 - 1.5	Ø 19.000 TL 58.00				
+2.6	1 - 3.0					
TL 62.90						
TEIKIN NO. 32125	**TEIKIN NO.** R 32125	**TEIKIN NO.** P 32125				
REFERENCE NO. 13101-87107, 13101-87105, 13211-87105, 13211-87111	**REFERENCE NO.** 13011-87104/5/6/7/8, 13011-87109/10/11/12/13, 13012-87104/6/7/8/9/10, 13013-87111/2/3					

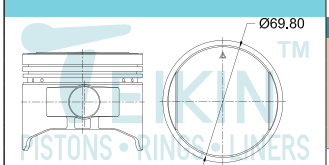


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 17.00 mm

19

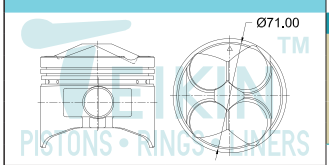
HD — 1589 cc — FEROZA — 4 cyl.

Ø 76.00	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
CD 30.20	1 - 1.2 1 - 1.5	Ø 19.000 TL 58.00				
+0.5	1 - 3.0					
TL 60.70						
TEIKIN NO. 32142	**TEIKIN NO.** R 32125	**TEIKIN NO.** P 32125				
REFERENCE NO. 13101-87113, 13101-87106, 13101-87108	**REFERENCE NO.** 13011-87104/5/6/7/8, 13011-87109/10/11/12/13, 13012-87104/6/7/8/9/10, 13013-87111/2/3					



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 16.40 mm

20

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
S89-II 4 cyl.	Ø 76.00 CD 30.30 +8.5 TL 68.80	1 - 1.2 1 - 1.5 1 - 3.0	Ø 19.000 TL 58.00					
	**TEIKIN NO.** **32145**	**TEIKIN NO.** **R 32125**	**TEIKIN NO.** **P 32125**					
Surface Treatment Anodized Crown	**REFERENCE NO.** 13101-87Z14 13103-87Z14 13104-87Z14 13105-87Z14	**REFERENCE NO.** 13011-87104/5/6/7/8 13011-87109/10/11/12/13 13012-87104/6/7/8/9/10 13013-87111/2/3						
Bore Clearance MRC: 0.030 mm MP: 16.00 mm								

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

CL — 993 cc — 3 cyl.

G30
1984

Ø 76.00	1 - 2.0 HK	Ø 21.000		TL 140.0	140.0	TEIKIN NO.
CD 38.50	1 - 1.5	TL 63.50		OD 80.0	80.0	LKSF 32120
-1.0				FT 4.8		LKSX 32120
TL 70.50	1 - 3.0			FD 83.0		LKSF 32120A
						LKSX 32120A
TEIKIN NO. 32120, 32120A	TEIKIN NO. R 32120	TEIKIN NO. P 32120		TEIKIN NO. LSF 32120, LSX 32120		
				Surface Treatment: None		
REFERENCE NO. 13101-87725, 13101-87727, 13102-87712	REFERENCE NO. 13011-87717, 13011-87723A			REFERENCE NO. 11461-87703		

Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.030 mm, MP: 18.90 mm

22

CL-T — 993 cc — 3 cyl.

Ø 76.00	1 - 2.0 HK	Ø 23.000		TL 140.0	140.0	TEIKIN NO.
CD 40.50	1 - 1.5	TL 64.50		OD 80.0	80.0	LKSF 32602
-1.4				FT 4.8		LKSX 32602
TL 70.50	1 - 3.0			FD 83.0		LKSF 32602A
						LKSX 32602A
TEIKIN NO. 32602, 32602A, (32140)	TEIKIN NO. R 32120	TEIKIN NO. P 32602		TEIKIN NO. LSF 32120, LSX 32120		
				Surface Treatment: None		
REFERENCE NO. 13101-87720, 13102-87711	REFERENCE NO. 13011-87717, 13011-87723A			REFERENCE NO. 11461-87703		

Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.050 mm, MP: 14.50 mm

23

DG — 2530 cc — 4 cyl.

DELTA TRUCK NEW
V 22 H DIESEL
DV24
DELTA 88

Ø 88.00	1 - 2.5	Ø 26.000		TL 182.0	TEIKIN NO.
CD 50.50	1 - 2.0	TL 70.00		OD 93.0	LKFF 32102
-5.5				FT 3.0 + 1.0	LKSF 32102
TL 95.00	1 - 4.0			FD 97.0	
TEIKIN NO. 32102	TEIKIN NO. R 32102	TEIKIN NO. P 32139	TEIKIN NO. B 32102	TEIKIN NO. LFF 32102, LSF 32102	
				Surface Treatment: None	
REFERENCE NO. 13101-87306, 13101-87309	REFERENCE NO. 13011-87305, 13011-87306, 13011-87307, 13011-87308		REFERENCE NO. 90043-84001/4, 90043-84018/50, 90043-84057, 90043-84105	REFERENCE NO. 11461-87302	

Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.080 mm, MP: 22.50 mm

24

DG OLD-4R — 2530 cc — 4 cyl.

DV26 4R 1972
D300N

Ø 88.00	3 - 2.0	Ø 26.000		TL 182.0	TEIKIN NO.
CD 50.50		TL 70.00		OD 93.0	LKFF 32103
-5.3	1 - 4.0			FT 3.0 + 1.0	LKSF 32103
TL 90.50				FD 97.0	
TEIKIN NO. 32103	TEIKIN NO. R 32103	TEIKIN NO. P 32139	TEIKIN NO. B 32102	TEIKIN NO. LFF 32102, LSF 32102	
				Surface Treatment: None	
REFERENCE NO. 13101-87305, 13211-87305	REFERENCE NO. 13011-87304		REFERENCE NO. 90043-84001/4, 90043-84018/50, 90043-84057, 90043-84105	REFERENCE NO. 11461-87302	

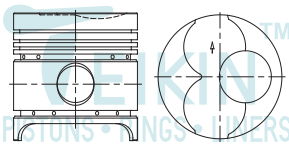
Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.100 mm, MP: 14.50 mm

25

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

DV26 5R — 2530 cc — 4 cyl.
DG OLD-5R

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 88.00	3 - 2.0	Ø 26.000		TL 182.0		TEIKIN NO.
CD 50.50		TL 70.00		OD 93.0		LKFF 32139
-5.3	2 - 4.0			FT 7.0 + 1.0		LKSF 32139
TL 90.50				FD 97.0		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
32139	R 32139	P 32139	B 32102	LFF 32139 LSF 32139		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
13101-87303 992-5113-1401	992-5113-1410		90043-84001/4 90043-84018/50 90043-84057 90043-84105	992-5113-1101 992-5113-1171		

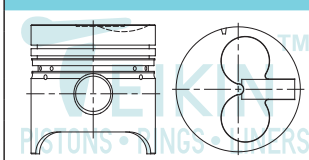


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 12.00 mm

26

DL — 2765 cc — 4 cyl.
DELTA 92

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 92.00	1 - 2.5	Ø 26.000		TL 178.0		TEIKIN NO.
CD 50.50	1 - 2.0	TL 70.00		OD 96.0		LKFF 32126
-5.0	1 - 4.0			FT 3.0 + 1.0		LKSF 32126
TL 94.95				FD 101.0		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
32126	R 32126	P 32139	B 32102	LFF 32126 LSF 32126		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
13211-87312 13101-87312 13101-87314 13101-87315 13101-87316	13011-87310/1/2/3/8 13011-87320/1 13015-87319 13015-87320/A		90043-84001/4 90043-84018/50 90043-84057 90043-84105	11461-87303 11461-87305		

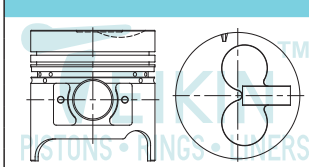


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 25.00 mm

27

DL NEW-28 — 2765 cc — 4 cyl.
TAFT GT NEW

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 92.00	1 - 2.5	Ø 28.000		TL 178.0		TEIKIN NO.
CD 50.50	1 - 2.0	TL 74.80		OD 96.0		LKFF 32127
-5.1	1 - 4.0			FT 3.0 + 1.0		LKSF 32127
TL 95.00				FD 101.0		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
32127	R 32126	P 32127	B 32127	LFF 32126 LSF 32126		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
13101-87325 13101-87322 13105-87316/7/8	13011-87310/1/2/3/8 13011-87320/1 13015-87319 13015-87320/A		90043-84086 90043-84087	11461-87303 11461-87305		

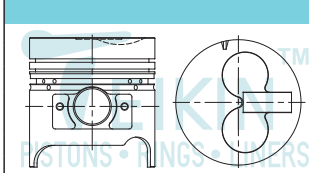


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 21.00 mm

28

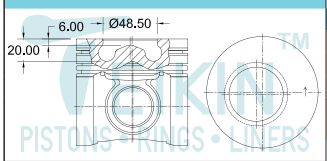
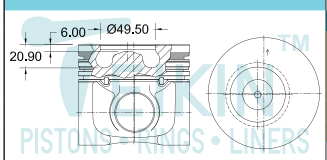
DL NEW-26 — 2765 cc — 4 cyl.
TAFT GT OLD

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 92.00	1 - 2.5	Ø 26.000		TL 178.0		TEIKIN NO.
CD 50.50	1 - 2.0	TL 70.00		OD 96.0		LKFF 32128
-5.0	1 - 4.0			FT 3.0 + 1.0		LKSF 32128
TL 95.00				FD 101.0		LKFF 32128A
						LKSF 32128A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
32128 32128A	R 32126	P 32139	B 32128	LFF 32126 LSF 32126		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
13211-87319 13211-87320 13101-87319 13101-87320	13011-87310/1/2/3/8 13011-87320/1 13015-87319 13015-87320/A		90043-84052	11461-87303 11461-87305		



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 21.00 mm

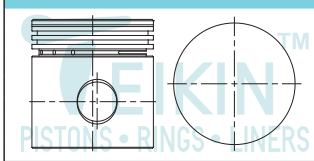
29

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
4D31 EICHER CANTER 4 cyl.	**Ø 100.00** CD 60.60 -20.0 TL 95.60	1 - 3.0 HK 1 - 2.0 1 - 3.0	Ø 34.000 TL 73.00				
	**TEIKIN NO.** **65001A**		**TEIKIN NO.** **P 46283**				
Surface Treatment Moly Skirt	**Bore Clearance** MRC: 0.060 mm MP: 12.00 mm	**REFERENCE NO.** 1B999767					1
483 TC 4 cyl.	**Ø 100.00** CD 60.70 -20.9 TL 90.20	1 - 3.0 HK 1 - 2.0 1 - 3.0	Ø 34.000 TL 81.00		TL 191.6 OD 104.0		**TEIKIN NO.** **LKSX 65002A**
	**TEIKIN NO.** **65002A**	**TEIKIN NO.** **R 65002**	**TEIKIN NO.** **P 65002**		**TEIKIN NO.** **LSX 65002**		
Surface Treatment Moly Skirt	**Bore Clearance** MRC: 0.100 mm MP: 4.30 mm	**REFERENCE NO.** IB999767/8	**REFERENCE NO.**		**Surface Treatment** None **REFERENCE NO.**		2

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

103H, 105, 103 — 1089 cc — 4 cyl. — 1953-54

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 67.80 CD 46.00 TL 72.00	2 - 2.5 1 - 4.0	Ø 22.000 TL 56.00				
TEIKIN NO. 34101		TEIKIN NO. P 34101				
REFERENCE NO. 4056519						

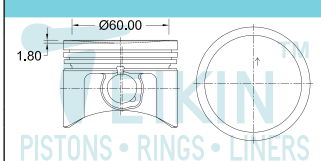


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 7.00 mm

1

160 A3.000 — 1108 cc — 4 cyl. — 204 AA.11.0 — FIAT UNO 1100 FIRE — 1990-ON

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 70.00 CD 30.00 -1.8 TL 54.00	2 - 1.5 1 - 3.0	Ø 17.980 TL 52.40				
TEIKIN NO. 34119	TEIKIN NO. R 34119	TEIKIN NO. P 34119				
REFERENCE NO. KS : 92 291 600	REFERENCE NO. MAHLE: 007 26 N0					

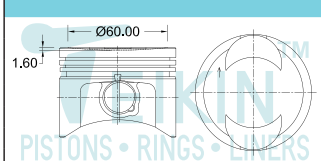


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 11.00 mm

2

UNO 1100 — 1100 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 70.00 CD 30.00 -1.6 TL 54.00	2 - 1.5 1 - 3.0	Ø 17.980 TL 52.40				
TEIKIN NO. 34121		TEIKIN NO. P 34119				
REFERENCE NO.						

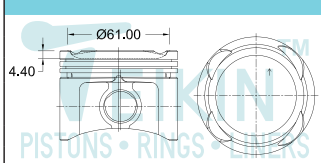


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 11.00 mm

3

FIRE 16V — 1000 cc — 4 cyl. — SIENA — PALIO — PALIO WEEKEND — 16V

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 70.00 CD 33.10 -4.4 TL 53.30	2 - 1.2 1 - 2.5	Ø 17.973 TL 53.00		TL OD FT FD	114.0 73.0 74.6		TEIKIN NO. LKFF 34122
TEIKIN NO. 34122	TEIKIN NO. R 34122	TEIKIN NO. P 34122		TEIKIN NO. LFF 34122			
REFERENCE NO. MAHLE: S25410	REFERENCE NO. KS : 800051310000 KS: 80005134000 MAHLE: 009 36 N0 G-0814230000			Surface Treatment None REFERENCE NO.			



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 9.00 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

FIRE 8V — 1000 cc — 4 cyl.

UNO
PALIO
SIENA
8V

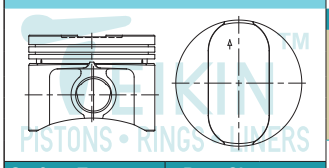
Ø	70.00
CD	33.10
	-1.2
TL	53.20

RINGS: 2 - 1.2 / 1 - 2.5

PIN: Ø 17.973 / TL 53.00

TL	114.0	
OD	73.0	
FT		
FD	74.6	

TEIKIN NO. LKFF 34123



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
34123	R 34122	P 34122	LFF 34122

Surface Treatment: None

REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
MAHLE: S25400	KS: 800051310000 KS: 80005134000 MAHLE: 009 36 N0 G-0814230000	

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 9.00 mm

5

FIRE FLEX 8V — 1000 cc — 4 cyl.

PALIO
STRADA
8V

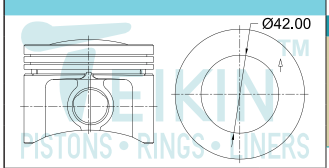
Ø	70.00
CD	33.10
	+2.7
TL	55.80

RINGS: 2 - 1.2 / 1 - 2.5

PIN: Ø 17.973 / TL 53.00

TL	114.0	
OD	73.0	
FT		
FD	74.6	

TEIKIN NO. LKFF 34124



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
34124	R 34122	P 34122	LFF 34122

Surface Treatment: None

REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
MAHLE: S25890	KS: 800051310000 KS: 80005134000 MAHLE: 009 36 N0 G-0814230000	

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 9.00 mm

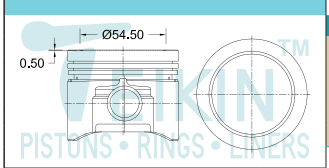
6

UNO-II — 4 cyl.

Ø	70.00
CD	33.90
	-0.5
TL	57.40

RINGS: 2 - 1.5 / 1 - 3.0

PIN: Ø 18.000 / TL 53.00



TEIKIN NO.	TEIKIN NO.
34138	P 46332

REFERENCE NO.

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 8.00 mm

7

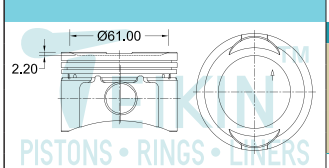
FIRE 1.3L 8V — 1300 cc — 4 cyl.

SIENA
PALIO
PALIO WEEKEND
STRADA

Ø	70.80
CD	28.00
	-2.2
TL	48.20

RINGS: 2 - 1.2 / 1 - 2.5

PIN: Ø 17.973 / TL 49.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
34125	R 34125	P 34125

REFERENCE NO.	REFERENCE NO.
MAHLE: S25450	KS: 800051240000 MAHLE: 00941N0 MAHLE: 00970N0 G-0813840000

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 9.00 mm

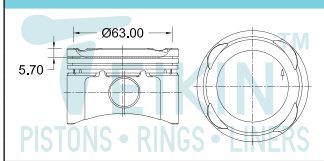
8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

FIRE 1.3L 16V — 1300 cc — 4 cyl.

DOBLO
PALIO
PALIO WEEKEND
SIENA

Ø 70.80	2 - 1.2	Ø 17.973
CD 28.00		TL 49.00
-5.7	1 - 2.5	
TL 48.10		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
34126	R 34125	P 34125

REFERENCE NO.	REFERENCE NO.
MAHLE: S25460	KS: 800051240000 MAHLE: 00941N0 MAHLE: 00970N0 G-0813840000

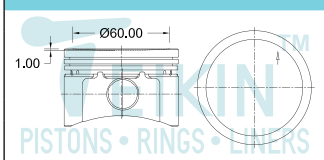
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 9.00 mm

9

FIRE FLEX 1.3L 8V — 1300 cc — 4 cyl.

PALIO
DOBLO

Ø 70.80	2 - 1.2	Ø 17.973
CD 28.00		TL 49.00
-1.0	1 - 2.5	
TL 48.10		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
34127	R 34125	P 34125

REFERENCE NO.	REFERENCE NO.
MAHLE: S25456	KS: 800051240000 MAHLE: 00941N0 MAHLE: 00970N0 G-0813840000

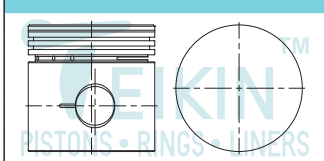
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 9.00 mm

10

103G, 1100D — 1221 cc — 4 cyl.

1958-62

Ø 71.85	2 - 2.0	Ø 22.000
CD 46.00		TL 60.00
	1 - 4.0	
TL 72.00		



TEIKIN NO.	TEIKIN NO.
34102	P 34102

REFERENCE NO.
3126553

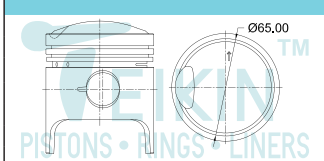
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 7.00 mm

11

1300 — 1300 cc — 4 cyl.

1961

Ø 72.00	2 - 2.0	Ø 22.000
CD 37.10		TL 60.00
+8.5	1 - 3.95	
TL 88.60		



TEIKIN NO.	TEIKIN NO.
34109	P 34102

REFERENCE NO.

Surface Treatment	Bore Clearance
None	MRC: 0.070 mm MP: 26.55 mm

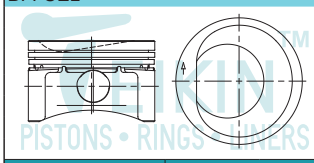
12

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

FIRE FLEX 1.4L 8V 1400 cc

4 cyl.

IDEA ELX
ELX PALIO
WEEKEND ELX
ELX SIENA
BI-FUEL



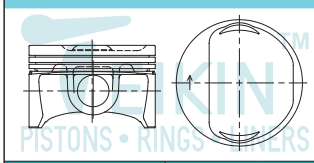
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 9.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 72.00 CD 26.00 -6.3 TL 46.10	2 - 1.2 1 - 2.0	Ø 17.973 TL 49.00				
TEIKIN NO. 34128	TEIKIN NO. R 34128	TEIKIN NO. P 34125				
REFERENCE NO. MAHLE: S25340	REFERENCE NO.					

13

1.4L 8V EVO LF

4 cyl.



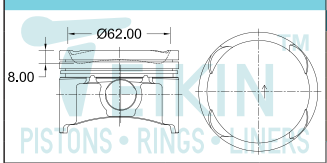
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 10.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 72.00 CD 26.00 -3.0 TL 47.00	2 - 1.0 1 - 1.5	Ø 17.973 TL 49.00				
TEIKIN NO. 34133	TEIKIN NO. R 34133	TEIKIN NO. P 34125				
REFERENCE NO. MAHLE: E25930	REFERENCE NO.					

14

DOBLO 1.4L

4 cyl.



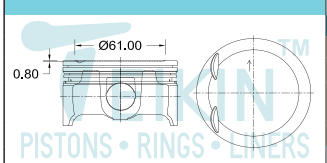
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 12.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 72.00 CD 26.80 -8.0 TL 49.90	2 - 1.2 1 - 2.0	Ø 17.973 TL 53.00				
TEIKIN NO. 34139	TEIKIN NO. R 34139	TEIKIN NO. P 34122				
REFERENCE NO.	REFERENCE NO.					

15

1.6L MOTOR E-TORQUE

4 cyl.



Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 9.50 mm

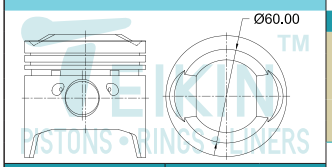
PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 77.00 CD 25.40 -0.8 TL 46.00	2 - 1.2 1 - 2.5	Ø 19.000 TL 56.00				
TEIKIN NO. 34132	TEIKIN NO. R 34132	TEIKIN NO. P 38145				
REFERENCE NO. MAHLE: E25327	REFERENCE NO.					

16

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

125, 125A — 1608 cc — 4 cyl.
BERLINA

Ø 80.00	1 - 1.5 1 - 2.0	Ø 22.000 TL 72.00				
CD 37.80 +4.2 TL 81.50	1 - 4.0					
TEIKIN NO. **34103**		**TEIKIN NO.** **P 46199**				
REFERENCE NO. 4198046						

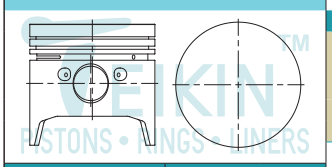


Surface Treatment	Bore Clearance
None	MRC: 0.090 mm MP: 23.50 mm

17

124S — 4 cyl.

Ø 80.00	1 - 1.5 1 - 2.0	Ø 21.980 TL 71.00				
CD 37.80 TL 77.30	1 - 4.0					
TEIKIN NO. **34113**		**TEIKIN NO.** **P 34113**				
REFERENCE NO. 11900474						

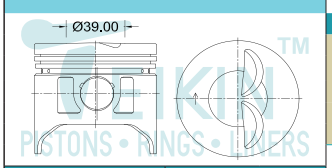


Surface Treatment	Bore Clearance
None	MRC: 0.050 mm MP: 23.25 mm

18

128-II — 4 cyl.

Ø 80.00	1 - 1.5 1 - 2.0	Ø 21.982 TL 71.00				
CD 34.70 +0.6 TL 77.30	1 - 3.9					
TEIKIN NO. **34136**	**TEIKIN NO.** **34136**	**TEIKIN NO.** **P 34136**				
REFERENCE NO.	**REFERENCE NO.** MAHLE: 00765N0 G-0820310000 K-800006141000 A-R47750					

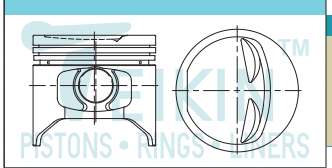


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 24.50 mm

19

160 A1.00 — 1372 cc — 4 cyl.
FIAT UNO 1400
PACER, PACER SX
1990-ON

Ø 80.50	1 - 1.5 1 - 1.8	Ø 21.990 TL 58.00				
CD 33.30 -2.8 TL 73.10	1 - 3.0					
TEIKIN NO. **34120**	**TEIKIN NO.** **R 34120**	**TEIKIN NO.** **P 44273**				
REFERENCE NO. KS : 92 292 600	**REFERENCE NO.**					



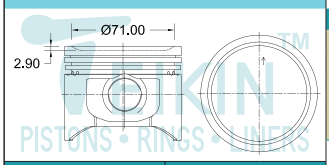
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.50 mm

20

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

SHAHEN
4 cyl.

Ø 80.50	1 - 1.5 1 - 1.75	Ø 21.990 TL 58.00				
CD 33.40 -2.9 TL 65.20	1 - 3.0					
TEIKIN NO. 34130	**TEIKIN NO.** R 34130	**TEIKIN NO.** P 44273				
REFERENCE NO.	**REFERENCE NO.**					

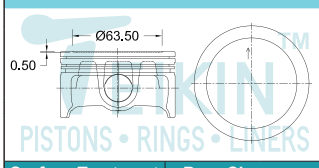


Surface Treatment	Bore Clearance
Chromated	MRC: 0.030 mm MP: 13.50 mm

21

1.8L 16V MOTOR E-TORQUE
4 cyl.

Ø 80.50	2 - 1.2	Ø 19.000 TL 56.00				
CD 25.40 -0.5 TL 45.90	1 - 2.5					
TEIKIN NO. 34134	**TEIKIN NO.** R 34134	**TEIKIN NO.** P 38145				
REFERENCE NO. MAHLE: E25298	**REFERENCE NO.**					

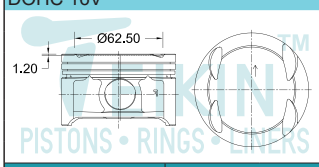


Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 9.50 mm

22

1.6L 1596 cc
PALIO SEDAN
PALIO HATCH BACK
PALIO ADVATURE
STILO
DOHC 16V
4 cyl.

Ø 80.50	2 - 1.2	Ø 21.000 TL 56.00				
CD 28.40 -1.2 TL 50.50	1 - 2.0					
TEIKIN NO. 34140		**TEIKIN NO.** P 38151				
REFERENCE NO. 10136100						

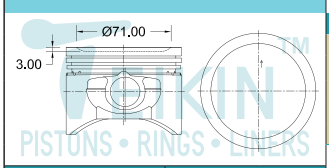


Surface Treatment	Bore Clearance
Chromated Moly Skirt	MRC: 0.030 mm MP: 9.00 mm

23

TEMPRA 1600 TWO
4 cyl.

Ø 86.40	1 - 1.5 1 - 1.75	Ø 22.000 TL 64.00				
CD 33.20 -3.0 TL 65.20	1 - 3.0					
TEIKIN NO. 34131		**TEIKIN NO.** P 43220				
REFERENCE NO.						



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.00 mm

24

TEIKIN™ PISTONS • RINGS • LINERS

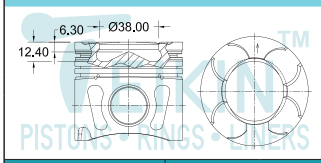
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
REGATA 100S 4 cyl.	Ø 86.40	1 - 1.5	Ø 22.000					
		1 - 2.0	TL 69.50					
	CD 34.70							
	-6.9	1 - 3.95						
	TL 76.70							
	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.					
	34135	R 34135	P 46202					
	REFERENCE NO.	REFERENCE NO.						

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 25.50 mm

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

PALIO 1.3L JTD
SUZUKI SWIFT DIESEL — 3 cyl.

Ø 69.60	1 - 2.0	Ø 23.000			TL	137.0		TEIKIN NO.
	1 - 1.5	TL 56.00			OD	72.4		LKSF 34129A-3
CD 40.40					FT	4.9		
-12.4	1 - 2.0				FD	73.2		
TL 62.40								
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			TEIKIN NO.			
34129A-3	R 34129-3	P 34129			LSF 34129			
					Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.				REFERENCE NO.			
12111-83KA0	12140-63E60							
12110M86J00-0A0	12140M86810							

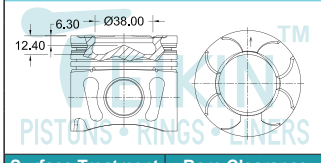


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 6.60 mm

26

PALIO 1.3L JTD
SUZUKI SWIFT DIESEL — 4 cyl.

Ø 69.60	1 - 2.0	Ø 23.000			TL	137.0		TEIKIN NO.
	1 - 1.5	TL 56.00			OD	72.4		LKSF 34129A
CD 40.40					FT	4.9		
-12.4	1 - 2.0				FD	73.2		
TL 62.40								
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			TEIKIN NO.			
34129A	R 34129	P 34129			LSF 34129			
					Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.				REFERENCE NO.			
12111-83KA0	12140-63E60							
12110M86J00-0A0	12140M86810							

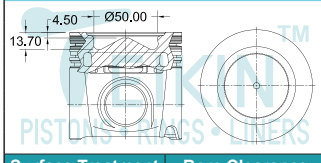


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 6.60 mm

27

F1AE — 2287 cc
Ducato — 4 cyl.
2008-2012

Ø 88.00	1 - 2.5 FK	Ø 31.000						
	1 - 2.0	TL 68.00						
CD 57.00								
-13.7	1 - 2.5							
TL 84.00								
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.						
34141AG	R 34141	P 46680						
REFERENCE NO.	REFERENCE NO.							
6810-9373-AA-001 2996849-001 2996031 2996032 5044145148	2992540 KS:800070710000 KS: 800070740000 MAHLE: 009 86 N0							

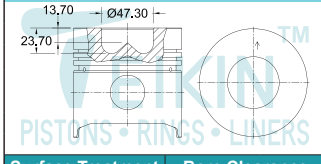


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.060 mm MP: 8.00 mm

28

TRACTOR 300, 350, 355 — 3456 cc
SERIES: 8025, 8035 — 4 cyl.
8040, 8045, 8060, 8065

Ø 100.00	2 - 2.5	Ø 32.000			TL		187.0	TEIKIN NO.
		TL 83.40			OD		103.0	LKSX 34118
CD 59.70								
-23.7	1 - 5.5							
TL 101.20								
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			TEIKIN NO.			
34118	R 34118	P 46128			LSX 34118			
					Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.				REFERENCE NO.			
06.7239.OA	MAHLE : 00797V0 G-0820680000				KS : 88631190 MAHLE : 007WV09			



Surface Treatment	Bore Clearance
None	MRC: 0.120 mm MP: 19.00 mm

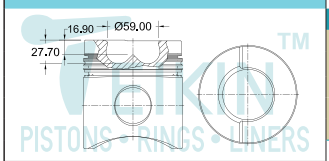
29

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
						LINER		

115 — 4 cyl.

Ø 115.00	1 - 3.0 FK	Ø 42.000
	1 - 2.5	TL 97.00
CD 76.50		
-27.7	1 - 4.0	
TL 126.50		



TEIKIN NO.	TEIKIN NO.
34137A	P 34137

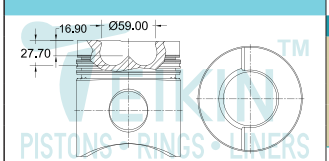
REFERENCE NO.
98412636

Surface Treatment	Bore Clearance
None	MRC: 0.160 mm MP: 21.50 mm

30

115 — 6 cyl.

Ø 115.00	1 - 3.0 FK	Ø 42.000
	1 - 2.5	TL 97.00
CD 76.50		
-27.7	1 - 4.0	
TL 126.50		



TEIKIN NO.	TEIKIN NO.
34137A-6	P 34137

REFERENCE NO.
98412636

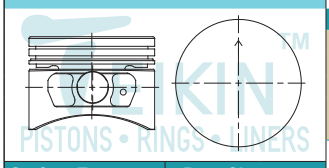
Surface Treatment	Bore Clearance
None	MRC: 0.160 mm MP: 21.50 mm

31

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

JLB 1297 cc — 4 cyl.

FORD ESCORT, ORION
1988-92
44KW 9.3:1 CR
98CP FIESTA 98-02



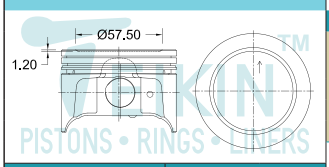
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 11.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 74.00 CD 29.40 TL 53.90	1 - 1.5 1 - 1.75 1 - 3.0	Ø 18.034 TL 64.00				
TEIKIN NO. 35600 (35175)	TEIKIN NO. R 35600	TEIKIN NO. P 35600				
REFERENCE NO. KS : 92 396 604	REFERENCE NO.					

1

1.4 DURATEC 1388 cc — 4 cyl.

FIESTA 2010 - 2016



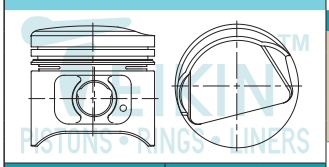
Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 13.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 76.00 CD 28.30 -1.2 TL 54.30	1 - 1.2 1 - 1.5 1 - 2.5	Ø 19.000 TL 47.00				
TEIKIN NO. 35199		TEIKIN NO. P 44609				
REFERENCE NO. 6S6G 6100B9D						

2

CVH, FUA, F6B, FU 1392 cc — 4 cyl.

F6D KAT, FUB, FUD
FIESTA ESCORT 1985-92
ORION 1985-87
BANTAM 1400 1989-ON



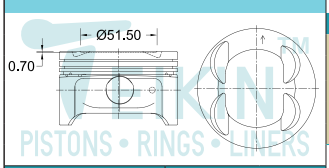
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 11.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 77.25 CD 39.30 +6.1 TL 75.10	1 - 1.6 1 - 2.0 1 - 4.0	Ø 20.630 TL 67.00				
TEIKIN NO. 35171		TEIKIN NO. P 35170				
REFERENCE NO. KS : 93 828 620						

3

1.6 NF 1596 cc — 4 cyl.

16V
SIGMA
CON ASIENTO DE VAL VUL



Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 9.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 79.00 CD 25.30 -0.7 TL 48.30	1 - 1.2 1 - 1.5 1 - 2.0	Ø 18.000 TL 54.00				
TEIKIN NO. 35196	TEIKIN NO. R 35196	TEIKIN NO. P 58107				
REFERENCE NO. 4M5G-6105EC 4M5G-6105ED	REFERENCE NO. 3S6G-6159CA 3S6G-6161CA 98MM-6150CB 98MM-6152CB					

4

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

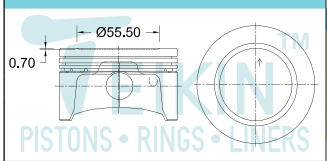
1.6 NF-II

16V SIGMA — 4 cyl.

Ø	79.00
CD	25.10
	-0.7
TL	48.10

RINGS: 1 - 1.2 / 1 - 1.5 / 1 - 2.0

PIN: Ø 18.000 / TL 50.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
35197	R 35196	P 45136

REFERENCE NO.	REFERENCE NO.
M-79L82	3S6G-6159CA 3S6G-6161CA 98MM-6150CB 98MM-6152CB

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Moly Skirt	MP: 11.00 mm

5

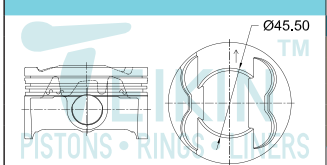
1.6 DURATEC TI-VCT 1596 cc

FIESTA 2010 - NOW — 4 cyl.

Ø	79.00
CD	27.60
	+1.2
TL	47.80

RINGS: 1 - 1.2 / 1 - 1.5 / 1 - 2.0

PIN: Ø 19.000 / TL 56.00



TEIKIN NO.	TEIKIN NO.
35200	P 38145

REFERENCE NO.
4M5G 6100BB

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.00 mm
1st Ring Anodized	

6

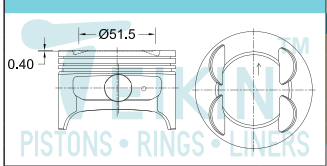
FIESTA 1.6L DURATEC TI-VCT 1600 cc

4 cyl.

Ø	79.00
CD	25.30
	-0.4
TL	53.30

RINGS: 1 - 1.2 / 1 - 1.5 / 1 - 2.0

PIN: Ø 18.000 / TL 54.00



TEIKIN NO.	TEIKIN NO.
35211	P 58107

REFERENCE NO.

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm
	MP: 17.00 mm

7

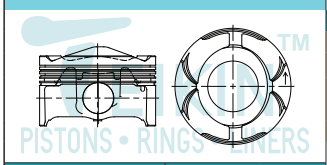
1.5L ECOBOOST 1499 cc

FUSION (2014-2020)
ESCAPE (2017-2019) — 4 cyl.

Ø	79.00
CD	28.65
	+6.2
TL	53.80

RINGS: 2 - 1.2 / 1 - 2.0

PIN: Ø 21.000 / TL 45.00



TEIKIN NO.	TEIKIN NO.
35216	P 42220

REFERENCE NO.
DS7Z-6108-F

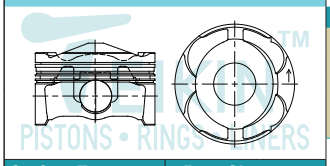
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.00 mm
1st Ring Anodized	

8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

1.6L ECOBOOST

FIESTA (2014-2019) 4 cyl.
FUSION (2013-2014)
ESCAPE (2013-2016)
TRANSIT CONNECT (2014-2016)



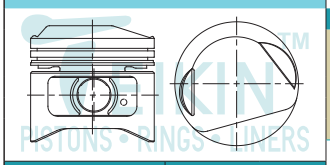
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 6.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 79.00 CD 28.60 +6.3 TL 53.95	2 - 1.2 1 - 2.0	Ø 21.000 TL 45.00				
TEIKIN NO. 35217	TEIKIN NO. R 35217	TEIKIN NO. P 42220				
REFERENCE NO. CJ5Z-6108-A K-40883600	REFERENCE NO. K-800122710000 HT-2C4356 G-0845280010 M-013RS101080N0					

9

CVH-LUC 1597 cc

BANTAM 1600 4 cyl.
ESCORT 1600, ORION
GLE, XR3, SPORT
1987-ON



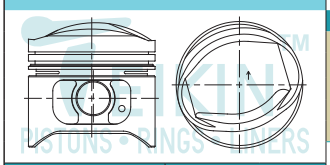
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 12.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 79.96 CD 36.60 +8.2 TL 74.90	1 - 1.6 1 - 2.0 1 - 4.0	Ø 20.630 TL 67.00				
TEIKIN NO. 35170	TEIKIN NO. R 35170	TEIKIN NO. P 35170				
REFERENCE NO. KS : 90 204 600	REFERENCE NO. KS: 800008341000 MAHLE: 013 37 N0					

10

CVH, JPA, JPC 1597 cc

BANTAM 1600 4 cyl.
ESCORT 1600
GLE, XR3, SPORT
1987-ON



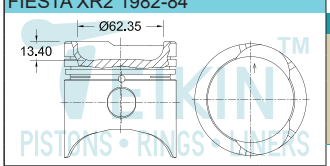
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 12.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 79.96 CD 39.40 +8.3 TL 78.60	1 - 1.6 1 - 2.0 1 - 4.0	Ø 20.630 TL 67.00				
TEIKIN NO. 35173	TEIKIN NO. R 35170	TEIKIN NO. P 35170				
REFERENCE NO. KS : 93 362 604	REFERENCE NO. KS: 800008341000 MAHLE: 013 37 N0					

11

751M, BG2C 1598 cc

KENT 1968-86 4 cyl.
1600 1- TONNER
CAPRI 1600, ESCORT 1600
SPORT 1975-80
FIESTA XR2 1982-84



Surface Treatment	Bore Clearance
Chromated	MRC: 0.025 mm MP: 24.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 80.99 CD 44.10 -13.4 TL 83.82	1 - 1.6 1 - 2.0 1 - 4.0	Ø 20.640 TL 71.30				
TEIKIN NO. 35165		TEIKIN NO. P 35165				
REFERENCE NO. KS : 92 456 610						

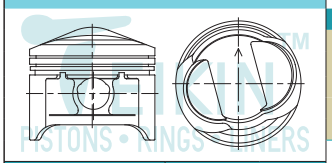
12

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

MOT 1.9 Lt — 1900 cc — 4 cyl.

ESCORT LX
SEDAN VAGONETA
1994-96
WAGON

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 82.00 CD 34.30 +9.0 TL 73.70	2 - 1.5 1 - 3.0	Ø 20.630 TL 67.00				
TEIKIN NO. 35178		TEIKIN NO. P 35170				
REFERENCE NO. FIZ6108A						



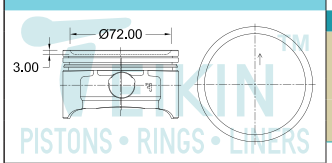
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 13.00 mm

13

1.6L — 1599 cc — 4 cyl.

KA 2000-2009
IKON 2009

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 82.05 CD 24.90 -3.0 TL 48.50	1 - 1.2 1 - 1.5 1 - 2.0	Ø 18.030 TL 60.00				
TEIKIN NO. 35212		TEIKIN NO. P 35212				
REFERENCE NO. FMXSG-6102GIH						



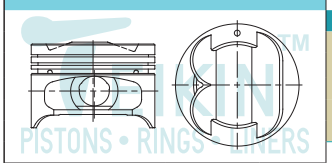
Surface Treatment	Bore Clearance
Chromated Moly Skirt	MRC: 0.030 mm MP: 11.00 mm

14

ZETEC — 1998 cc — 4 cyl.

VIN 3, CONTOUR
MISTIQUE
DOHC 16V
1995-97

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 84.80 CD 32.60 +1.3 TL 59.40	1 - 1.5 1 - 1.75 1 - 3.0	Ø 20.630 TL 63.00				
TEIKIN NO. 35177		TEIKIN NO. P 35177				
REFERENCE NO.						



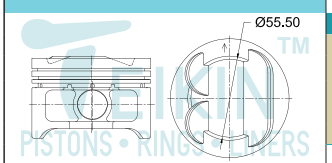
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 12.00 mm

15

VIN 3 ZETEC — 1998 cc — 4 cyl.

CONTOUR, MISTIQUE
1995-97
F.I. DOHC 16V
(ZETEC) (Vin-2,3)

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 84.80 CD 33.10 +1.3 TL 58.40	1 - 1.5 1 - 1.75 1 - 3.0	Ø 20.630 TL 63.00				
TEIKIN NO. 35179		TEIKIN NO. P 35177				
REFERENCE NO. F5RZ-6180A						



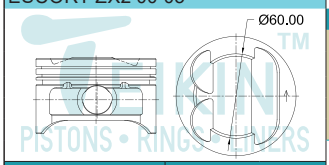
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 10.00 mm

16

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

2.0 L — 2000 cc — 4 cyl.

DOHC
1998-2003
ZETEC VIN 3, 5, Z FOCUS 98-04
FOCUS ZX3 98-04
ESCORT ZX2 00-03

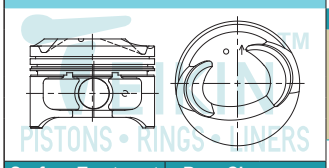


Surface Treatment	Bore Clearance
Chromated	MRC: 0.020 mm
Moly Skirt	MP: 11.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 84.80	1 - 1.5	Ø 20.000				
	1 - 1.75	TL 59.00				
CD 29.40						
+0.8	1 - 3.0					
TL 54.20						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
35180	**R 35180**	**P 51101**				
REFERENCE NO.	**REFERENCE NO.**					
XS7Z 6100 AA	F8CZ-6148AA					
	YS4Z-6135AA					
	MAHLE : 01473V0					
	G-0878640000					

17

CVH 2.0 — 4 cyl.



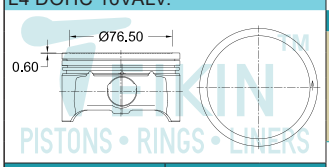
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm
	MP: 10.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 84.86	2 - 1.5	Ø 20.630				
		TL 63.00				
CD 32.30						
+4.8	1 - 3.0					
TL 60.60						
TEIKIN NO.		**TEIKIN NO.**				
35191		**P 35177**				
REFERENCE NO.						
1S4Z6100AA						

18

AODA/B,CJBA/B,N4JB — 1999 cc — 4 cyl.

FOCUS 2.0 16V
MONDEO 2.0L 16V
VOLVO C30 2.0L
DURATEC ECOSPORT 04-09
L4 DOHC 16VALV.



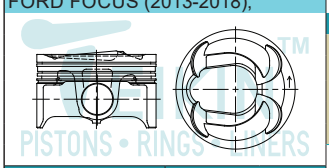
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 10.00 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 87.50	2 - 1.2	Ø 21.000				
		TL 61.50				
CD 28.50						
-0.6	1 - 2.5					
TL 51.00						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
35181	**R 35181**	**P 56104**				
REFERENCE NO.	**REFERENCE NO.**					
KS: 99 457 600	KS: 800044940000					

19

2.0L ECOBOOST — 4 cyl.

2012-2015 FORD / L4 / 2.0L
FORD EDGE (2013-2014),
FORD ESCAPE (2013-2016),
FORD EXPLORER (2013-2014),
FORD FOCUS (2013-2018),



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 9.00 mm
1st Ring Anodized	

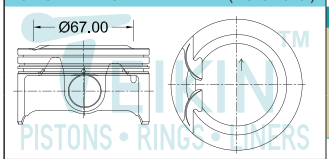
PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 87.50	2 - 1.2	Ø 22.500				
		TL 56.00				
CD 32.80						
+2.6	1 - 2.0					
TL 56.40						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
35215	**R 35215**	**P 35215**				
REFERENCE NO.	**REFERENCE NO.**					
AG9Z-6108-H/J/K/L	AG9Z-6148-A					
DJ5Z-6108-A/J/K/L	CM5Z-6148-AB					
	K-800122610000					
	N-SWF30-023					

20

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

2.0L DURATEC I4 — 1999 cc — 4 cyl.

C-MAX HYBRID (2013-2018)
FUSION HYBRID (2013-2020)
MKZ HYBRID (2013-2020)
SSV PLUG-IN HYBRID (2019-2020)
POLICE RESPONDER HYBRID (2019-2020)



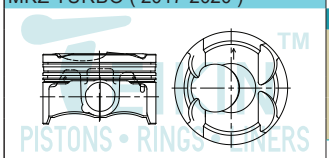
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 9.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 87.50 CD 28.50 +2.0 TL 52.50	2 - 1.2 1 - 2.0	Ø 21.000 TL 65.00				
TEIKIN NO. 35218		TEIKIN NO. P 35218				
REFERENCE NO. DS7Z-6108-A						

21

2.0L ECOBOOST-II — 1999 cc — 4 cyl.

EDGE TURBO (2015-2018)
ESCAPE TURBO (2017-2019)
FUSION TURBO (2017-2020)
MKC TURBO (2017-2019)
MKZ TURBO (2017-2020)



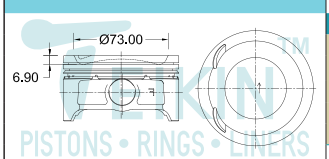
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 87.50 CD 32.85 +1.6 TL 55.45	2 - 1.2 1 - 2.0	Ø 22.500 TL 56.00				
TEIKIN NO. 35219	TEIKIN NO. R 35215	TEIKIN NO. P 35215				
REFERENCE NO. FB5Z-6108-A	REFERENCE NO. AG9Z-6148-A CM5Z-6148-AB K-800122610000 N-SWF30-023					

22

2.5L-II — 2488 cc — 4 cyl.

FUSION, ESCAPE
MERCURY MARINER
MILAN, MAZDA 3, 5, 6, CX7
DOHC 16 VAL.



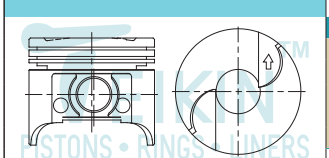
Surface Treatment	Bore Clearance
Chromated Moly Skirt	MRC: 0.030 mm MP: 10.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 89.00 CD 28.30 -6.9 TL 50.50	2 - 1.2 1 - 2.5	Ø 20.000 TL 55.00				
TEIKIN NO. 35213		TEIKIN NO. P 42108				
REFERENCE NO. 68031605AD						

23

P-764 — 2000 cc — 4 cyl.

1983-88
AEROSTAR, RANGER



Surface Treatment	Bore Clearance
None	MRC: 0.040 mm MP: 18.00 mm

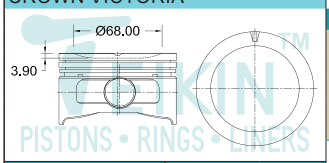
PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 89.32 CD 40.17 -1.9 TL 76.15	2 - 2.0 1 - 4.8	Ø 23.170 TL 76.20				
TEIKIN NO. 35169		TEIKIN NO. P 35169				
REFERENCE NO.						

24

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

281 — 4600 cc — 8 cyl.

SOHC V8
1991-98
TRITÓN POWER IMPROVED: WINDSOR
GNC VIN 6/9/W 1999-2003 FORD: F-150
CROWN VICTORIA



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.020 mm MP: 10.90 mm

Ø	90.20
CD	30.80
	-3.9
TL	56.25

RINGS: 2 - 1.5 / 1 - 3.0

PIN: Ø 22.000, TL 62.00

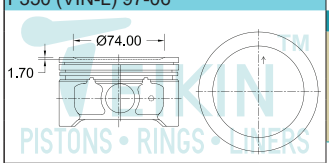
TEIKIN NO.	TEIKIN NO.
35174	P 43222

REFERENCE NO.
2L2Z6108MA

25

5.4L (330) — 5400 cc — 8 cyl.

V8, SOHC
145, V10, F450
NAVIGATOR,
PICK UP LOBO
F350 (VIN-L) 97-06



Surface Treatment	Bore Clearance
Chromated Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

Ø	90.20
CD	31.00
	-1.7
TL	52.00

RINGS: 2 - 1.5 / 1 - 3.0

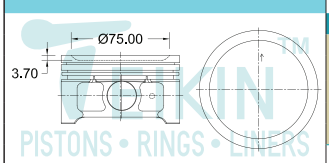
PIN: Ø 22.000, TL 62.00

TEIKIN NO.	TEIKIN NO.
35190	P 43222

REFERENCE NO.
XL3Z-6108-CA

26

E SERIES — 8 cyl.



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.50 mm

Ø	90.20
CD	30.80
	-3.7
TL	52.10

RINGS: 2 - 1.5 / 1 - 3.0

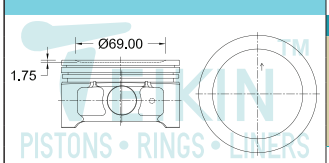
PIN: Ø 22.000, TL 62.00

TEIKIN NO.	TEIKIN NO.
35192	P 43222

REFERENCE NO.
XL3Z6148KA

27

E SERIES-II — 8 cyl.



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.50 mm

Ø	90.20
CD	31.00
	-1.7
TL	52.00

RINGS: 2 - 1.5 / 1 - 3.0

PIN: Ø 22.000, TL 62.00

TEIKIN NO.	TEIKIN NO.
35193	P 43222

REFERENCE NO.
XC3Z6108CA

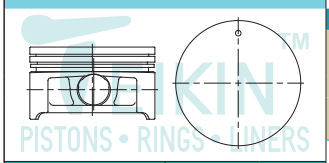
28

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

TRITON

8 cyl.

Ø 90.20	2 - 1.5	Ø 22.000
CD 30.70	1 - 3.0	TL 62.00
TL 52.00		



TEIKIN NO.		TEIKIN NO.
35194		P 43222

REFERENCE NO.
3L 3Z 6108 CC

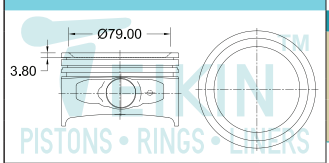
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.50 mm
1st Ring Anodized	

29

4.6L

8 cyl.

Ø 90.25	2 - 1.5	Ø 22.000
CD 31.00 -3.8	1 - 3.0	TL 62.00
TL 56.30		



TEIKIN NO.		TEIKIN NO.
35204		P 43222

REFERENCE NO.
8L2Z-6108-H

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 11.00 mm
1st Ring Anodized	

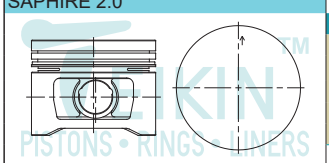
30

KOLN 2V (T88) 1993 cc

GRANA 2.0 GL, GLE
SIERRA 2.0 GL
CORTINA 200GT, GL, GLE
ESCORT RS 2000
SAPHIRE 2.0

4 cyl.

Ø 90.82	1 - 1.6	Ø 24.000
CD 41.60	1 - 2.0	TL 68.50
TL 69.60	1 - 4.0	



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
35172	R 35172	P 35172

REFERENCE NO.	REFERENCE NO.
KS : 90 606 600	KS: 800009440000
	MAHLE: 014 22 N0

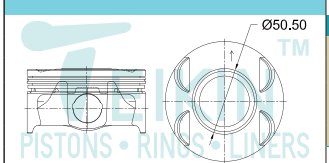
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 8.50 mm

31

5.0 L

8 cyl.

Ø 92.20	2 - 1.2	Ø 22.000
CD 29.70 +0.7	1 - 2.5	TL 62.00
TL 49.40		



TEIKIN NO.		TEIKIN NO.
35205		P 43222

REFERENCE NO.
BL3Z-6108-C
BL3Z-6108-N

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.50 mm
1st Ring Anodized	

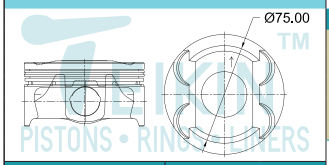
32

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

5.0L-II

8 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 92.20 CD 29.70 +1.5 TL 50.30	2 - 1.2 1 - 2.5	Ø 22.000 TL 62.00					
TEIKIN NO. 35206		TEIKIN NO. P 43222					
REFERENCE NO. BLEZ-6108-FB							



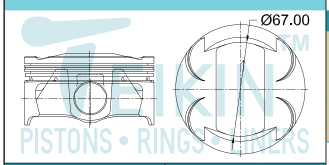
Surface Treatment	Bore Clearance
Chromated Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.50 mm

33

5.0L-III 4951 cc

MUSTANG GT (2015-2017) 8 cyl.
99F (2015-2017)

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 92.20 CD 29.70 +2.1 TL 50.80	2 - 1.2 1 - 2.5	Ø 22.000 TL 62.00					
TEIKIN NO. 35220		TEIKIN NO. P 43222					
REFERENCE NO. FR3Z-6108-A BR3Z-6135-A BR3Z-6140-A							



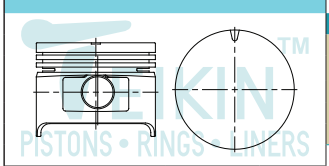
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.50 mm

34

2.8 LTS

6 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 93.00 CD 38.50 TL 73.00	1 - 2.0 1 - 2.5 1 - 4.0	Ø 24.000 TL 72.00					
TEIKIN NO. 35208		TEIKIN NO. P 35208					
REFERENCE NO. D4ZZ6100A							



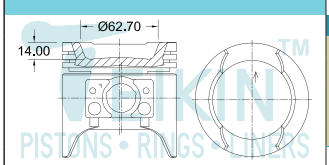
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 14.50 mm

35

V4 2994 cc

TRANSIT 130/160/190 4 cyl.
CONSUL 3000GT 1969-75
GRANADA 3000GXL 1969-77
CAPRI 3000GT 1969-81, A 510

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 93.65 CD 46.00 -14.0 TL 94.90	2 - 2.0 1 - 4.8	Ø 23.810 TL 75.00					
TEIKIN NO. 35168-4		TEIKIN NO. P 35168					
REFERENCE NO.							

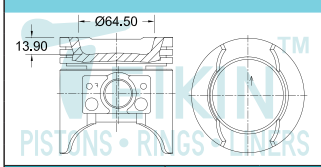


Surface Treatment	Bore Clearance
None	MRC: 0.020 mm MP: 27.95 mm

36

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

V6ESSEX — **2993 cc** — 6 cyl.
RP40090
1984
SIERRA 3000 XR6
COURIER V6

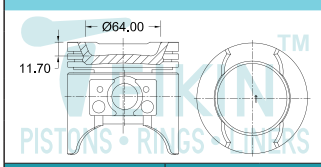


Surface Treatment	Bore Clearance
None	MRC: 0.020 mm MP: 29.25 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 93.65 CD 46.00 -13.9 TL 94.75	2 - 2.0 1 - 4.8	Ø 22.000 TL 69.50					
TEIKIN NO. 35166		TEIKIN NO. P 46202					
REFERENCE NO.							

37

V6ESSEX — **2993 cc** — 6 cyl.
RP40091
1984
SIERRA 3000 XR6
COURIER V6

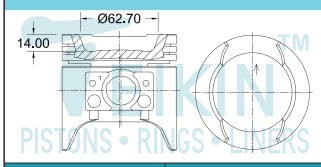


Surface Treatment	Bore Clearance
None	MRC: 0.020 mm MP: 29.25 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 93.65 CD 46.00 -11.7 TL 95.00	2 - 2.0 1 - 4.8	Ø 22.000 TL 69.50					
TEIKIN NO. 35167		TEIKIN NO. P 46202					
REFERENCE NO.							

38

V6 — **2994 cc** — 6 cyl.
TRANSIT 130/160/190
CONSUL 3000GT 1969-75
GRANADA 3000GXL 1969-77
CAPRI 3000GT 1969-81, A 510

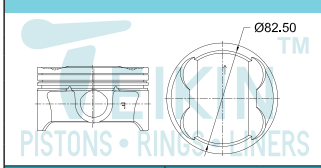


Surface Treatment	Bore Clearance
None	MRC: 0.020 mm MP: 27.95 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 93.65 CD 46.00 -14.0 TL 94.90	2 - 2.0 1 - 4.8	Ø 23.810 TL 75.00					
TEIKIN NO. 35168		TEIKIN NO. P 35168					
REFERENCE NO.							

39

3.7 LTS — 6 cyl.



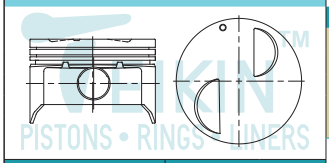
Surface Treatment	Bore Clearance
Chromated Moly Skirt	MRC: 0.030 mm MP: 7.50 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 95.50 CD 31.50 +0.8 TL 55.20	1 - 1.2 1 - 1.5 1 - 2.5	Ø 23.000 TL 56.00					
TEIKIN NO. 35207		TEIKIN NO. P 34129					
REFERENCE NO. BA5Z-6108-L							

40

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

140 — **2302 cc** — **4 cyl.**
1995-1997
(VIN-A) 112 HP RANGER USA 95-97
L4 SOHC 8 VÁLV.



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 16.50 mm

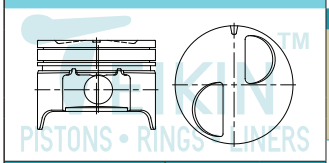
Ø 96.00		2 - 1.5	Ø 23.170
			TL 69.50
CD	33.90		
	-2.1	1 - 3.0	
TL	64.20		

TEIKIN NO.	TEIKIN NO.
35183	P 35183

REFERENCE NO.
F57Z6108AA

41

MOT 2.3L — **4 cyl.**



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 17.50 mm

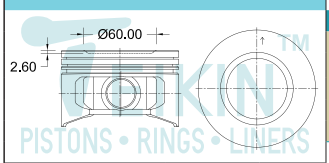
Ø 96.01		2 - 1.5	Ø 23.170
			TL 76.20
CD	40.10		
	-2.6	1 - 4.0	
TL	72.20		

TEIKIN NO.	TEIKIN NO.
35210	P 35169

REFERENCE NO.
E5ZZ6108A

42

238 — **3887 cc** — **6 cyl.**
V6 3.9L
2004 - 2007
V6 OHV 12 VÁLV



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 12.00 mm

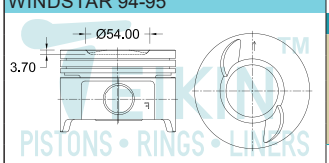
Ø 96.80		2 - 1.5	Ø 23.000
			TL 70.00
CD	35.30		
	-2.6	1 - 3.0	
TL	62.80		

TEIKIN NO.	TEIKIN NO.
35182	P 35182

REFERENCE NO.

43

3.8L (232) — **6 cyl.**
OHV 12 VAL
VIN 3.4
SABLE
THUNDERBIRD 88-95
WINDSTAR 94-95



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.00 mm

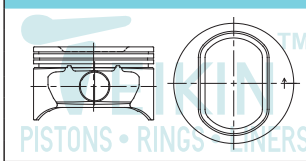
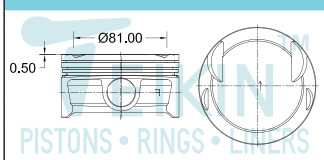
Ø 96.80		2 - 1.5	Ø 23.170
			TL 76.20
CD	41.30		
	-3.7	1 - 4.0	
TL	68.90		

TEIKIN NO.	TEIKIN NO.
35184	P 35169

REFERENCE NO.
E7DE-6110-AA
E9DE-6110-8A

44

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
4.2L ECONOLINE VAN 97-04 — 6 cyl. CLUB WAGON 97-99 F-150 98-04 V6 OHV 12 VÁLV	Ø 96.80 CD 31.90 -3.8 TL 58.80	2 - 1.5 1 - 3.0	Ø 23.000 TL 65.00					
	TEIKIN NO. 35198		TEIKIN NO. P G2104					
Surface Treatment: Chromated, Moly Skirt	REFERENCE NO. 5L3Z6108 AA							45
6.2L F-150 RAPTOR 2010-2012 — 8 cyl. SUPER DUTY SERIES 2011-2012 SOHC VCT	Ø 102.00 CD 33.30 -0.5 TL 55.00	2 - 1.5 1 - 2.5	Ø 24.000 TL 63.00					
	TEIKIN NO. 35214		TEIKIN NO. P 44262					
Surface Treatment: Chromated, Moly Skirt	REFERENCE NO. AL3Z6108A							46

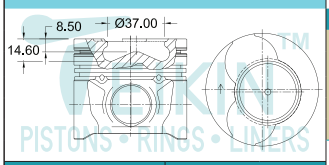
Bore Clearance: MRC: 0.030 mm / MP: 10.80 mm

Bore Clearance: MRC: 0.030 mm / MP: 7.00 mm

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

FIESTA — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 73.70	1 - 2.5 FK 1 - 2.0	Ø 25.000 TL 60.00				
CD 42.90 -14.6 TL 65.40	1 - 2.5					
TEIKIN NO. **35195A**		**TEIKIN NO.** **P 39179**				
REFERENCE NO. 7S6Q 6110 A9A						



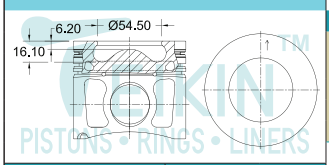
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 6.50 mm

47

2.2L DURATORQ TDCI 2184 cc — 4 cyl.

"PUMA" ZSD-422
2000 - PRESENT
FORD TRANSIT (2000-PRESENT)
FORD RANGER (2011-PRESENT)

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 86.00	2 - 2.0	Ø 30.000 TL 66.00		TL 156.0 OD 89.0 FT 5.0 FD 90.9		**TEIKIN NO.** **LKFF 35201AG** **LKSF 35201AG**
CD 48.40 -16.1 TL 74.80	1 - 2.0					
TEIKIN NO. **35201AG**	**TEIKIN NO.** **R 35201**	**TEIKIN NO.** **P 66105**		**TEIKIN NO.** **LFF 35201** **LSF 35201**		
				Surface Treatment None		
REFERENCE NO. BK2Q6105 K-41765600 N-8742770050	**REFERENCE NO.** KS: 800071510000 KS: 800071540000 KS: 800075210000 MAHLE: 015 70 N0			**REFERENCE NO.** G-1402112000		



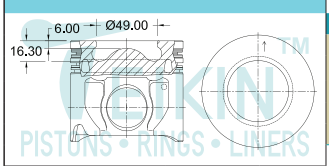
Surface Treatment	Bore Clearance
Chromated Moly Skirt	MRC: 0.030 mm MP: 8.50 mm

48

2.4L DURATORQ TDCI 2402 cc — 4 cyl.

"PUMA" P5AT
2006 - PRESENT
FORD RANGER (2006-PRESENT)

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 89.90	2 - 2.0	Ø 32.000 TL 72.00				
CD 53.50 -16.3 TL 80.50	1 - 2.0					
TEIKIN NO. **35202AG**	**TEIKIN NO.** **R 35202**	**TEIKIN NO.** **P 46254**				
REFERENCE NO. 1376491/ 2/ 3 6C1Q-6K100-CAB/ CBB/ CCB A-A354116 K-40830600 M-0158100	**REFERENCE NO.** KS: 800051110000 KS: 800051140000 MAHLE: 01580N0 G-0814810000					



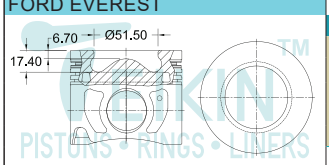
Surface Treatment	Bore Clearance
Chromated Moly Skirt	MRC: 0.030 mm MP: 7.50 mm

49

3.2L DURATORQ TDCi 3198 cc — 5 cyl.

"PUMA" ZSD-424
2000 - PRESENT
FORD TRANSIT (2000-PRESENT)
MAZDA BT50
FORD EVEREST

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 89.90	2 - 2.0	Ø 32.000 TL 74.00		TL 169.0 OD 93.0 FT 4.0 FD 95.0		**TEIKIN NO.** **LKFF 35203AG** **LKSF 35203AG**
CD 48.40 -17.4 TL 75.40	1 - 2.0			*DIMENSION IS FOR LFF		
TEIKIN NO. **35203AG**	**TEIKIN NO.** **R 35202-5**	**TEIKIN NO.** **P 35203**		**TEIKIN NO.** **LFF 35203** **LSF 35203**		
				Surface Treatment None		
REFERENCE NO. N-8714810085	**REFERENCE NO.** KS: 800051110000 KS: 800051140000 MAHLE: 01580N0 G-0814810000			**REFERENCE NO.**		



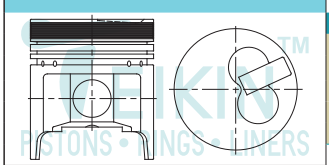
Surface Treatment	Bore Clearance
Chromated Moly Skirt	MRC: 0.040 mm MP: 7.50 mm

50

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

2402 E — 3537 cc — 6 cyl.

TRANSIT 3.5 D 1971-77
A 0409, A 0709 1974-83
A 0609 1972-83

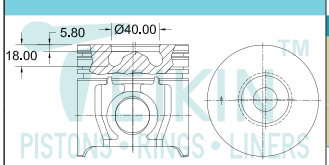


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.110 mm MP: 25.00 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 93.65	1 - 2.4 HK	Ø 29.000		TL		171.5	TEIKIN NO.
	1 - 2.4	TL 75.00		OD		96.4	LKSX 35102
CD 61.70							
-2.8	1 - 4.8						
TL 108.20							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.			
35102	R 35102	P 43171		LSX 35102			
				Surface Treatment			
				None			
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.			
735F-6110-BAA	KS: 800009720000			755F6055A			
KS: 92 813 600	MAHLE: 01417N0			KS: 89 032 190			
	G-0820730010			MAHLE: 014 WV 04			

51

4A B/ BA/ BB/ CA/ FA — 2496 cc — 4 cyl.



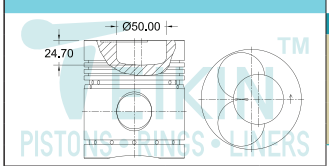
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 15.00 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 93.67	1 - 2.5 FK	Ø 29.000		TL		171.5	TEIKIN NO.
	1 - 2.0	TL 77.00		OD		96.9	LKSX 35601A
CD 59.50							
-18.0	1 - 4.0						
TL 94.00							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.			
35601A	R 35601	P 36101		LSX 35601			
				Surface Treatment			
				None			
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.			
KS: 92 189 600	KS: 800009940000			KS: 89 032 190			
MAHLE: 014 82 00	MAHLE: 014 82 N0			MAHLE: 014 WV 04			

52

THAMES TRADER — 6 cyl.

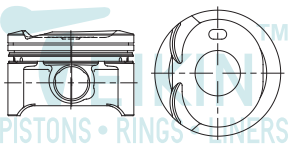
1957-65

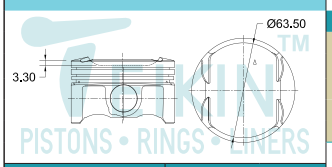
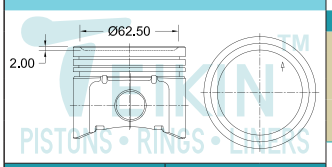
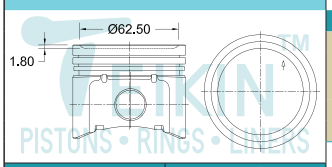
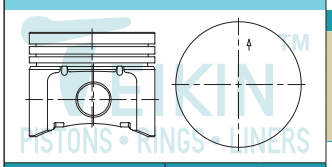


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 10.50 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 100.00	3 - 2.4	Ø 34.925					
		TL 85.80					
CD 71.00							
-24.7	2 - 4.8						
TL 117.90							
TEIKIN NO.		TEIKIN NO.					
35101		P 35101					
REFERENCE NO.							
E1DDN-6110							

53

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
EMGRAND 4 cyl.	Ø 77.80 CD 30.10 +2.1 TL 52.50	2 - 1.2 1 - 3.0	Ø 20.000 TL 49.00					
	TEIKIN NO. 72101		TEIKIN NO. P 51146					
Surface Treatment Moly Skirt Anodized Crown 1st Ring Anodized	Bore Clearance MRC: 0.030 mm MP: 8.00 mm	REFERENCE NO.						1

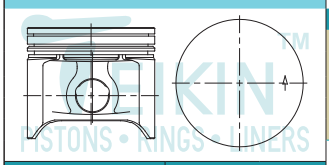
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
1.2L SPARK 1.2L (2011- 2015) 4 cyl.	Ø 69.70 CD 25.30 +2.4 TL 44.30	2 - 1.2 1 - 2.0	Ø 18.000 TL 47.50				
	TEIKIN NO. 58139	TEIKIN NO. R 58139	TEIKIN NO. P 30110				
Surface Treatment: Moly Skirt Bore Clearance: MRC: 0.030 mm MP: 6.50 mm	REFERENCE NO. 25193049	REFERENCE NO. 93744884 24545481 93744885					1
CORSA MPFI 1000 cc 4 cyl.	Ø 71.10 CD 37.30 -2.0 TL 58.20	2 - 1.5 1 - 3.0	Ø 18.000 TL 50.00				
	TEIKIN NO. 58104	TEIKIN NO. R 58104	TEIKIN NO. P 45136				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.030 mm MP: 9.50 mm	REFERENCE NO. MAHLE: S14145 M-E14145	REFERENCE NO. M-A14140					2
CORSA EFI 1000 cc 4 cyl.	Ø 71.10 CD 37.30 -1.8 TL 58.30	2 - 1.5 1 - 3.0	Ø 18.000 TL 50.00				
	TEIKIN NO. 58105		TEIKIN NO. P 45136				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.030 mm MP: 9.50 mm	REFERENCE NO. MAHLE: S14140						3
HCV 1000 cc CELTA CORSA 4 cyl.	Ø 71.10 CD 38.00 TL 59.00	1 - 1.2 1 - 1.5 1 - 2.0	Ø 18.000 TL 50.00				
	TEIKIN NO. 58106		TEIKIN NO. P 45136				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.030 mm MP: 9.50 mm	REFERENCE NO. MAHLE: S14165						4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

HCV FLEX 1000 cc — 4 cyl.

CELTA
CORSA GEN III
BI-FUEL

Ø 71.10	2 - 1.2	Ø 18.000
CD 38.00	1 - 2.0	TL 54.00
TL 62.00		
TEIKIN NO. 58107		**TEIKIN NO.** P 58107
REFERENCE NO. MAHLE: S14740		



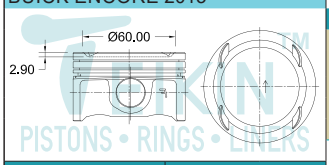
Surface Treatment	Bore Clearance
Tin Coated Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 12.50 mm

5

1.4L TURBO 1364 cc — 4 cyl.

TRAX 13-15
CRUZE 11-15
SONIC RS 12-15
VOLT 11-13
BUICK ENCORE 2013

Ø 72.50	2 - 1.2	Ø 18.000
CD 25.90		TL 47.50
-2.9	1 - 2.0	
TL 44.10		
TEIKIN NO. 58133	**TEIKIN NO.** R 58133	**TEIKIN NO.** P 30110
REFERENCE NO. 55580184 55580179 55565420 623449 625017 / 72	**REFERENCE NO.** 55571045 630217 KS: 800116710000 G-0843740000	



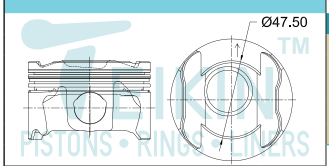
Surface Treatment	Bore Clearance
Chromated Moly Skirt	MRC: 0.030 mm MP: 6.50 mm

6

LYX 1.5L TURBO 1490 cc — 4 cyl.

MALIBU 2018-
GMC TERRAIN 2018-
CHEVROLET EQUINOX LYX 1.5L TURBO 2018-

Ø 74.00	2 - 1.2	Ø 19.000
CD 28.00		TL 47.00
+0.8	1 - 2.0	
TL 47.80		
TEIKIN NO. 58127A	**TEIKIN NO.** R 58127	**TEIKIN NO.** P 44609
REFERENCE NO. 12674548	**REFERENCE NO.** 12682502	



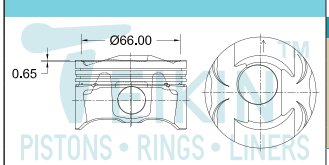
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 5.50 mm

7

L3A 1490 cc — 4 cyl.

VOLT HYBRID (2016-2019)

Ø 74.00	2 - 1.2	Ø 18.000
CD 26.60		TL 45.00
+3.0	1 - 2.0	
TL 48.95		
TEIKIN NO. 58143	**TEIKIN NO.**	**TEIKIN NO.** P 33102
REFERENCE NO. 12669764		



Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.00 mm

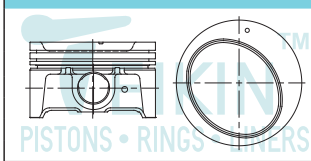
8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

AVEO

4 cyl.

PISTON SET	RINGS	PIN
Ø 76.50	2 - 1.5	Ø 18.000
		TL 53.00
CD 28.00		
-5.4	1 - 2.0	
TL 46.00		
TEIKIN NO. 58117		TEIKIN NO. P 46332
REFERENCE NO. 96412001		



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 6.00 mm

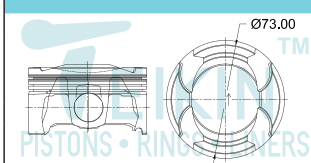
9

L3T 1338 cc

ENCORE (2020-2023)
TRAILBLAZER (2021-2023)

3 cyl.

PISTON SET	RINGS	PIN
Ø 79.00	1 - 1.2	Ø 19.000
	1 - 1.0	TL 47.00
CD 26.70		
+2.1	1 - 2.0	
TL 46.80		
TEIKIN NO. 58144A		TEIKIN NO. P 44609
REFERENCE NO. 12663172		



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 5.50 mm

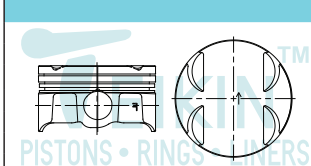
10

CRUZE

AVEO 09-12
PONTIAC G3 09-10

4 cyl.

PISTON SET	RINGS	PIN
Ø 79.00	2 - 1.2	Ø 19.000
		TL 50.00
CD 26.80		
-2.9	1 - 2.0	
TL 44.30		
TEIKIN NO. 58130	TEIKIN NO. R 58130	TEIKIN NO. P 48205
REFERENCE NO. 96476296	REFERENCE NO. 55581399 93744928 MAHLE: 01221N0 KS: 800072010000	



Surface Treatment	Bore Clearance
Chromated Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

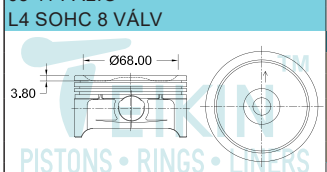
11

1.8L 1796 cc

MPFI 107 HP TORNADO 04-08,
CORSA 03-08
08-11 STRADA
05-11 PALIO
L4 SOHC 8 VÁLV

4 cyl.

PISTON SET	RINGS	PIN
Ø 80.50	2 - 1.2	Ø 18.000
		TL 56.00
CD 23.80		
-3.8	1 - 2.0	
TL 44.80		
TEIKIN NO. 58119	TEIKIN NO. R 58119	TEIKIN NO. P 30104
REFERENCE NO. 93294730	REFERENCE NO. 93742701	



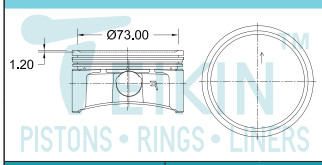
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 9.00 mm

12

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

N18XFH — 1796 cc — 4 cyl.

TORNADO 2010-2016
SOHC 8 VÁL. LJ1 MPFI

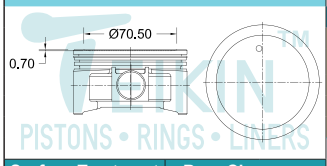


Surface Treatment	Bore Clearance
Chromated	MRC: 0.030 mm
Moly Skirt	MP: 9.00 mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 80.50	2 - 1.2	Ø 18.000				
		TL 56.00				
CD 24.10						
-1.2	1 - 2.0					
TL 44.70						
TEIKIN NO. 58136	TEIKIN NO. R 58136	TEIKIN NO. P 30104				
REFERENCE NO. 933 957 17 933 957 18 933 957 19 933 957 21 M-E14195	REFERENCE NO. KS: 800038910000 KS: 800038940000 MAHLE: 01202N0 MAHLE: A14195					13

L61 — 2198 cc — 4 cyl.

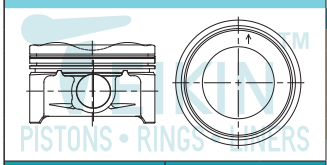
2.2L
134 DOHC 16V
2000-05



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
	MP: 7.75 mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 86.00	1 - 1.2	Ø 20.000				
	1 - 1.5	TL 58.00				
CD 26.50						
-0.7	1 - 2.5					
TL 48.40						
TEIKIN NO. 58102		TEIKIN NO. P 52112				
REFERENCE NO.						14

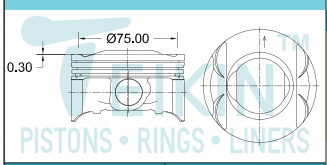
B207R — 1998 cc — 4 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 5.80 mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 86.00	1 - 1.2	Ø 23.000				
	1 - 1.5	TL 62.00				
CD 31.70						
+1.7	1 - 2.5					
TL 55.30						
TEIKIN NO. 58110		TEIKIN NO. P 55103				
REFERENCE NO. 12791210 12590988						15

ECOTEC — 4 cyl.



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 10.00 mm
1st Ring Anodized	

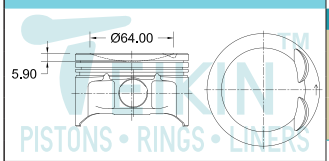
PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 86.00	1 - 1.2	Ø 20.000				
	1 - 1.5	TL 58.00				
CD 28.90						
+2.7	1 - 2.0					
TL 53.80						
TEIKIN NO. 58122	TEIKIN NO. R 58122	TEIKIN NO. P 52112				
REFERENCE NO. 19180242	REFERENCE NO.					16

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
							LINER	

2.0L — 1998 cc — 4 cyl.

OPTRA 04-11
FORENZA 04-08
DAEWOO NUBIRA 99-02
RENO 05-08

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 86.00	1 - 1.2	Ø 21.000					
	1 - 1.5	TL 66.00					
CD 30.20							
-5.9	1 - 2.5						
TL 55.30							
TEIKIN NO. 58131		TEIKIN NO. P 44121					
REFERENCE NO. 92067480	REFERENCE NO.						



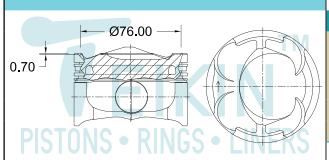
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 12.00 mm

17

LTG-II — 1998 cc — 4 cyl.

MALIBU (2021-2022)
CAMARO (2021-2022)

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 86.00	1 - 1.2	Ø 24.000					
	1 - 1.5	TL 58.50					
CD 33.10							
+5.0	1 - 2.0						
TL 60.20							
TEIKIN NO. 58142G		TEIKIN NO. P 58142					
REFERENCE NO. 12683807							



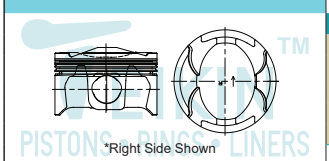
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.50 mm
1st Ring Anodized	

18

LGW / LGY — 2990 cc — 6 cyl.

CT5 TURBO (2020-2022)
CT6 TURBO (2016-2019)

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 86.00	2 - 1.2	Ø 23.000					
		TL 56.00					
CD 30.50							
+4.5	1 - 2.0						
TL 56.50							
TEIKIN NO. 58145A		TEIKIN NO. P 34129					
REFERENCE NO. 12688010 (R) 12688011 (L)							



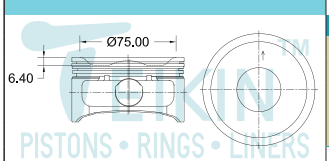
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
	MP: 8.50 mm

19

ASTRA — 2384 cc — 4 cyl.

ASTRA 2004-2008
16V DOHC

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 87.50	1 - 1.2	Ø 21.000					
	1 - 1.5	TL 63.50					
CD 27.30							
-6.4	1 - 2.5						
TL 50.30							
TEIKIN NO. 58103	TEIKIN NO. R 58103	TEIKIN NO. P 32120					
REFERENCE NO. 93399844	REFERENCE NO.						



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Anodized Crown	MP: 10.00 mm

20

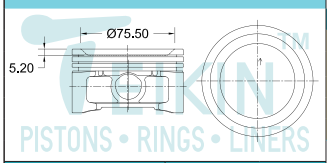
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

2.2L
118 HP CAVALIER 94-97 — 4 cyl.
SUNFIRE 95-97
S-10 PICK UP 94-97.
L4 SOHC 8 VÁLV

Ø	89.00
CD	30.10
	-5.2
TL	51.10

RINGS: 2 - 1.5 / 1 - 3.0

PIN: Ø 20.320 / TL 61.50



TEIKIN NO.	TEIKIN NO.
58120	P 58120

REFERENCE NO.: 24576691

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 5.00 mm

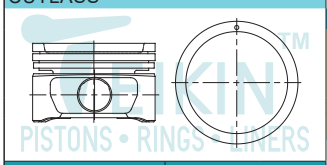
21

191 — 3136 cc
V6 — 6 cyl.
1994-1996
MALIBU
CENTURY LTD
CUTLASS

Ø	89.00
CD	37.40
	-7.1
TL	57.00

RINGS: 2 - 1.5 / 1 - 4.0

PIN: Ø 23.000 / TL 62.00



TEIKIN NO.	TEIKIN NO.
58108	P 55103

REFERENCE NO.: 24505806

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 5.00 mm

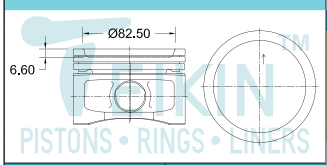
22

3.1L
MALIBU 97-04 — 6 cyl.
155 CP
V6 OHV 12 VÁLV.

Ø	89.00
CD	37.80
	-6.6
TL	59.90

RINGS: 1 - 1.2 / 1 - 1.5 / 1 - 3.0

PIN: Ø 23.000 / TL 56.00



TEIKIN NO.	TEIKIN NO.
58125	P 34129

REFERENCE NO.: 20508726

Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 7.50 mm

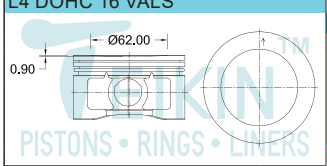
23

MOT.146 — 2400 cc
CAVALIER 16V — 4 cyl.
1996-97
SUNFIRE 95-97
MALIBU 97-02
L4 DOHC 16 VALS

Ø	90.00
CD	29.80
	-0.9
TL	51.70

RINGS: 1 - 1.2 / 1 - 1.5 / 1 - 3.0

PIN: Ø 22.000 / TL 60.00



TEIKIN NO.	TEIKIN NO.
58101	P 34102

REFERENCE NO.: 24545963

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 6.00 mm

24

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

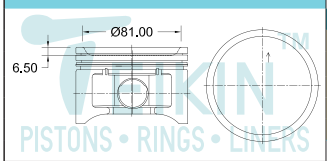
VENTURE 3.4

(VIN-E) VENTURE (MINIVAN) 6 cyl.
97-04
V6

Ø	92.00
CD	37.80
	-6.5
TL	62.90

RINGS
1 - 1.2
1 - 1.5
1 - 3.0

Ø	23.000
TL	56.00



TEIKIN NO.	TEIKIN NO.
58124	P 34129

REFERENCE NO.
24508727

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Moly Skirt	MP: 10.00 mm

25

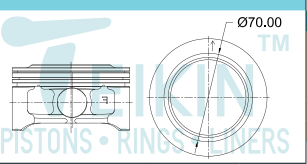
4.2L

TRAILBLAZER, ENVOY 02-05 6 cyl.
OLDSMOBILE BRAVADA 02-04
BUICK RAINER 04-05
ISUZU ASCENDER 03-06

Ø	93.00
CD	27.90
	+2.3
TL	52.10

RINGS
1 - 1.2
1 - 1.5
1 - 2.5

Ø	23.000
TL	65.00



TEIKIN NO.	TEIKIN NO.
58132	P G2104

REFERENCE NO.
12482717
12585784

Surface Treatment	Bore Clearance
Chromated	MRC: 0.030 mm
Moly Skirt	MP: 8.00 mm

26

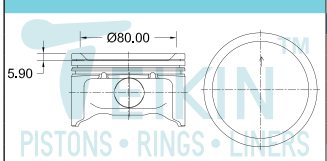
213/LX9 3498 cc

V6 3.5L 6 cyl.
2004-2007

Ø	94.00
CD	32.30
	-5.9
TL	59.80

RINGS
1 - 1.2
1 - 1.5
1 - 2.5

Ø	24.000
TL	61.00



TEIKIN NO.	TEIKIN NO.
58109	P 46300

REFERENCE NO.
12577586
12584528

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
	MP: 12.00 mm

27

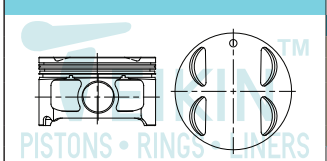
LY7 3564 cc

6 cyl.

Ø	94.00
CD	32.10
	-3.1
TL	55.00

RINGS
1 - 1.2
1 - 1.5
1 - 2.5

Ø	24.000
TL	61.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
58126	R 58126	P 46300

REFERENCE NO.
12590866

REFERENCE NO.
12616973
HT-2C5133

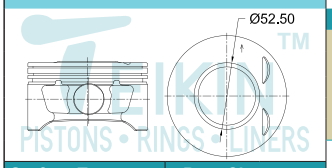
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
	MP: 8.50 mm

28

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET

LLV 2921 cc — 4 cyl.

Ø 95.50	1 - 1.2 1 - 1.5 1 - 2.5	Ø 23.500 TL 65.50				
CD 28.70 +1.0 TL 54.50						
TEIKIN NO. 58111	**TEIKIN NO.** R 58111	**TEIKIN NO.** P 58111				
REFERENCE NO. 89018218	**REFERENCE NO.**					

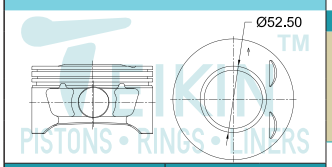


Surface Treatment	Bore Clearance
Chromated	MRC: 0.030 mm
Moly Skirt	MP: 11.00 mm

29

LLR 3653 cc — 5 cyl.

Ø 95.50	1 - 1.2 1 - 1.5 1 - 2.5	Ø 23.500 TL 65.50				
CD 28.70 +1.0 TL 54.50						
TEIKIN NO. 58111-5	**TEIKIN NO.** R 58111-5	**TEIKIN NO.** P 58111				
REFERENCE NO. 89018218	**REFERENCE NO.**					

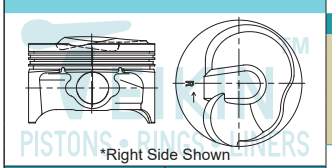


Surface Treatment	Bore Clearance
Chromated	MRC: 0.030 mm
Moly Skirt	MP: 11.00 mm

30

5.3L — 8 cyl.

Ø 96.00	1 - 1.2 1 - 1.5 1 - 2.5	Ø 23.955 TL 65.00				
CD 33.70 +5.4 TL 65.70						
TEIKIN NO. 58123	**TEIKIN NO.** R 58123	**TEIKIN NO.** P 58123				
REFERENCE NO. 12656876 (R) 12656877 (L) MAHLE: 224 40 33	**REFERENCE NO.** 12663865					

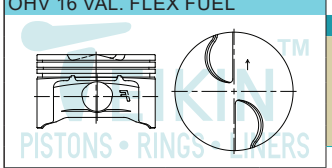


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 12.50 mm
1st Ring Anodized	

31

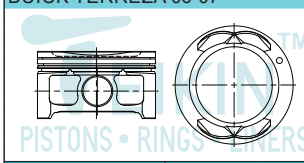
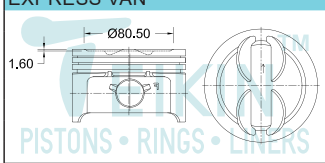
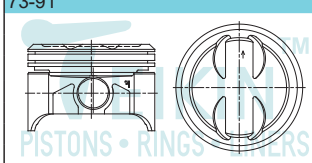
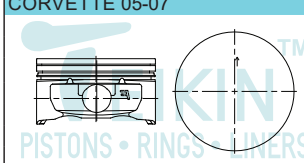
4.8L-II 4807 cc — EXPRESS 2500, 3500 10-15 / SAVANA 2500, 3500 10-15 / SILVERADO 1500 10-13 / SIERRA 1500 10-13 / OHV 16 VAL. FLEX FUEL — 8 cyl.

Ø 96.01	2 - 1.5 1 - 3.0	Ø 23.955 TL 65.00				
CD 34.00 -4.6 TL 59.60						
TEIKIN NO. 58134	**TEIKIN NO.** R 58134	**TEIKIN NO.** P 58123				
REFERENCE NO. 19208675 M-2243887	**REFERENCE NO.** 12456338 19208677 M-41859CP					

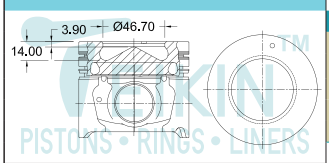
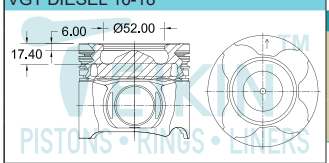


Surface Treatment	Bore Clearance
Chromated	MRC: 0.030 mm
Moly Skirt	MP: 11.00 mm

32

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
3.9L 6 cyl. UPLANDER 06-08 MONTECARLO 2006 PONTIAC G6 06-09 IMPALA, MALIBU 06-07 BUICK TERREZA 06-07	Ø 99.00 CD 33.20 -4.1 TL 56.20	1 - 1.2 1 - 1.5 1 - 2.5	Ø 23.955 TL 65.00				33
	TEIKIN NO. 58129 REFERENCE NO. 89018065		TEIKIN NO. P 58123				
Surface Treatment: Moly Skirt Bore Clearance: MRC: 0.030 mm MP: 8.50 mm							
4.3L 6 cyl. VORTEC (VIN- V,W) BLAZER SILVERADO P.U. 1500 (99-08) G30 CARGO VAN (00-07) EXPRESS VAN	Ø 101.60 CD 39.40 -1.6 TL 65.30	2 - 1.5 1 - 3.0	Ø 23.550 TL 76.00				34
	TEIKIN NO. 58121 REFERENCE NO. 88894280 12522850		TEIKIN NO. P 58112				
Surface Treatment: Chromated Moly Skirt Bore Clearance: MRC: 0.030 mm MP: 11.00 mm							
5.7L (350) 8 cyl. OHV 16 VAL CAPRICE CONCOURS CHEVY NOVA 73-91	Ø 101.60 CD 39.10 -1.7 TL 70.20	2 - 2.0 1 - 4.75	Ø 23.550 TL 76.00				35
	TEIKIN NO. 58112 REFERENCE NO. 2774228		TEIKIN NO. P 58112				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.030 mm MP: 16.50 mm							
VORTEC VIN 6 8 cyl. SILVERADO 1500, 2500 SUBURBAN 2500 SIERRA 1500, 2500 YUKON 1500, 2500 CORVETTE 05-07	Ø 101.60 CD 34.00 TL 55.90	1 - 1.2 1 - 1.5 1 - 2.5	Ø 23.955 TL 65.00				36
	TEIKIN NO. 58138 REFERENCE NO. 19178305		TEIKIN NO. P 58123				
Surface Treatment: Chromated Moly Skirt Bore Clearance: MRC: 0.030 mm MP: 7.50 mm							

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
ESCALADE	Ø 103.25	2 - 1.5	Ø 23.955					
SILVERADO 1500 19-11 — 8 cyl.	-4.2		TL 65.00					
TAHOE 08-09	CD 34.00	1 - 2.5						
SIERRA 1500, YUKON 07-11								
CADILLAC ESCALADE 07-11	TL 55.90							
HUMMER H2 08-09								
	TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**					
	58135	**R 58135**	**P 58123**					
Surface Treatment / **Bore Clearance**	**REFERENCE NO.**	**REFERENCE NO.**						
Chromated — MRC: 0.030 mm	19178597	19168090						
Moly Skirt — MP: 7.50 mm		M-42082CP						

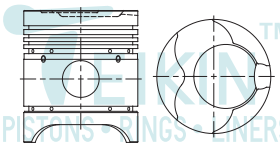
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
CAPTIVA	**Ø 83.00**	1 - 2.0 FK	Ø 28.000					
WINDSTORM 4 cyl.		1 - 2.0	TL 67.00					
	CD 46.30							
	-14.0	1 - 3.0						
	TL 72.30							
	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**					
	58118AG	**R 58118AG**	**P 58118**					
	REFERENCE NO.	**REFERENCE NO.**						
	25182669							
Surface Treatment	**Bore Clearance**							
Moly Skirt	MRC: 0.040 mm							
	MP: 8.00 mm							38
LWN 2.8L VGT **2776 cc**	**Ø 94.00**	1 - 2.0 HK	Ø 32.000					
GMC CANYON, SAVANA 16-18 4 cyl.		1 - 1.5	TL 75.00					
COLORADO, EXPRESS 16-18	CD 52.00							
ISUZU MU-X (THAILAND)	-17.4	1 - 2.0						
CHEVROLET TRAILBLAZER LWN 2.8L VGT DIESEL 16-18	TL 80.00							
	**TEIKIN NO.**		**TEIKIN NO.**					
	58128AG		**P 43678**					
	REFERENCE NO.							
	12674046							
Surface Treatment	**Bore Clearance**							
Moly Skirt	MRC: 0.050 mm							
	MP: 11.00 mm							39

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

DM-100 — 4313 cc — 6 cyl.

KM-100, 320, 340

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 90.00	3 - 2.5	Ø 29.000		TL 198.5		TEIKIN NO.
CD 53.80		TL 77.00		OD 104.5		LKFF 36101
-4.8	2 - 4.0			FT 9.0 + 1.0		
TL 104.00				FD 110.0		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
36101	R 36101	P 36101		LFF 36101		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		
13216-1120	13011-1350			11467-1401		
13216-1120A	13011-1350A			11467-1440		
3352-1961-00				2352-1695-01		

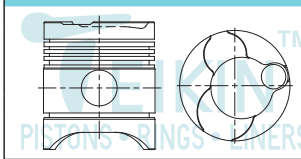


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 21.00 mm

1

EC 100 — 5010 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 97.00	3 - 2.5	Ø 31.500		TL 206.0		TEIKIN NO.
CD 58.00		TL 81.50		OD 110.5		LKFF 36603
-6.1	2 - 4.0			FT 10.0 + 1.0		LKFF 36603A
TL 112.00				FD 117.0		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
36603 36603A	R 36603	P 36603	B 36603	LFF 36603		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
13216-1140	13011-1390		13272-1140	11467-1130		
13216-1140C	13011-1400			11467-1130A		
2380-1940-01				11467-1491		
				2353-8019-10		

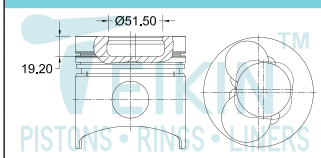


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.120 mm MP: 20.00 mm

2

W04D — 4009 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 104.00	1 - 2.5	Ø 35.000		TL 201.0		TEIKIN NO.
CD 60.20	1 - 2.0	TL 85.00		OD 107.0		LKFF 36653
-19.2				FT 8.0 + 0.9		LKSF 36653
TL 106.20	1 - 5.0			FD 112.0		LKFF 36653A
						LKSF 36653A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
36653 36653A	R 36653	P 39166	B 36653	LFF 36651-4 LSF 36651-4		
				Surface Treatment		
				*Phosphate (PH)		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
13216-1460	13011-1973		13272-1280	11467-1761/71		
13216-1460E	13011-2540		13272-1281	11467-1781/91		
13211-1801	13019-1150			11461-78020/30		
13101-78020				11461-78040/50		
13101-78060						

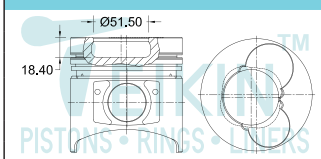


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.110 mm MP: 24.75 mm

3

W04D LATE — 4009 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 104.00	1 - 2.5	Ø 35.000		TL 201.0		TEIKIN NO.
CD 60.20	1 - 2.0	TL 85.00		OD 107.0		LKFF 36658
-18.4				FT 8.0 + 0.9		LKSF 36658
TL 106.20	1 - 5.0			FD 112.0		LKFF 36658A
						LKSF 36658A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
36658 36658A	R 36653	P 39166	B 36653	LFF 36651-4 LSF 36651-4		
				Surface Treatment		
				*Phosphate (PH)		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
13216-2220	13011-1973		13272-1280	11467-1761/71		
	13011-2540		13272-1281	11467-1781/91		
	13019-1150			11461-78020/30		
				11461-78040/50		



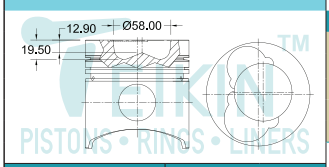
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 23.00 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

W04CT — 4009 cc — 4 cyl.

Ø 104.00	1 - 3.0 FK 1 - 2.5	Ø 37.000 TL 85.00		TL 201.0 OD 107.0 FT 8.0 + 0.9 FD 112.0	TEIKIN NO. LKFF 36660A LKSF 36660A
CD 62.70 -19.5 TL 108.70	1 - 5.0				



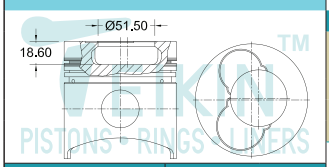
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
36660A	R 36660	P 36127	B 36660	LFF 36651-4 LSF 36651-4
				Surface Treatment *Phosphate (PH)
REFERENCE NO. 13216-1631 S1321-61631	REFERENCE NO. 13011-2270 13011-2270A 13011-2270C 13011-2550		REFERENCE NO.	REFERENCE NO. 11467-1761/71 11467-1781/91 11461-78020/30 11461-78040/50

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 24.50 mm

5

W06D — 5759 cc — 6 cyl.

Ø 104.00	1 - 2.5 1 - 2.0	Ø 35.000 TL 85.00		TL 201.0 OD 107.0 FT 8.0 + 0.9 FD 112.0	TEIKIN NO. LKFF 36651A
CD 62.60 -18.6 TL 108.70	1 - 5.0				



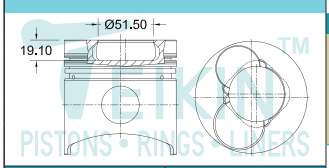
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
36651A	R 36651	P 39166	B 36651	LFF 36651*
				Surface Treatment *Phosphate (PH)
REFERENCE NO. 13216-1470 13216-1470D 13216-1470E	REFERENCE NO. 13011-1983 13011-2420 13011-2440		REFERENCE NO. 13272-1280 13272-1281	REFERENCE NO. 11467-1761/71 11467-1781/91 11461-78020/30 11461-78040/50

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 14.20 mm

6

W06E — 6014 cc — 6 cyl.

Ø 104.00	1 - 2.5 1 - 2.0	Ø 35.000 TL 85.00		TL 201.0 OD 107.0 FT 8.0 + 0.9 FD 112.0	TEIKIN NO. LKFF 36656A
CD 60.20 -19.1 TL 106.20	1 - 5.0				



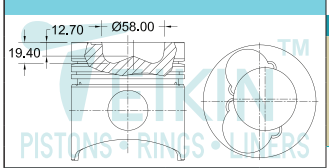
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
36656A	R 36651	P 39166	B 36661	LFF 36651*
				Surface Treatment *Phosphate (PH)
REFERENCE NO. 13211-2070 13216-1720 13216-1720B	REFERENCE NO. 13011-1983 13011-2420 13011-2440		REFERENCE NO.	REFERENCE NO. 11467-1761/71 11467-1781/91 11461-78020/30 11461-78040/50

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 25.00 mm

7

W06DT — 5759 cc — 6 cyl.

Ø 104.00	1 - 2.8 FK 1 - 2.5	Ø 37.000 TL 85.00		TL 201.0 OD 107.0 FT 8.0 + 0.9 FD 112.0	TEIKIN NO. LKFF 36661A
CD 62.70 -19.4 TL 108.70	1 - 5.0				



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
36661A	R 36661	P 36127	B 36661	LFF 36651*
				Surface Treatment *Phosphate (PH)
REFERENCE NO. 13211-1982	REFERENCE NO. 13011-2610A 13011-2950A 13011-2680A		REFERENCE NO.	REFERENCE NO. 11467-1761/71 11467-1781/91 11461-78020/30 11461-78040/50

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 24.00 mm

8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

EH-100 — 5871 cc — 6 cyl.

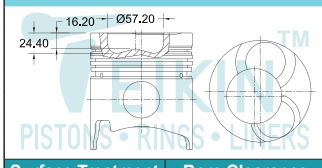
KR-105
1972

Ø 105.00	3 - 2.5	Ø 34.000		TL 204.0	TEIKIN NO.
CD 59.20		TL 88.50		OD 110.0	LKFF 36111
-6.6	2 - 4.0			FT 8.0 + 0.5	LKFF 36111A
TL 112.00				FD 115.0	
TEIKIN NO. 36111, 36111A	**TEIKIN NO.** R 36111	**TEIKIN NO.** P 46242		**TEIKIN NO.** LFF 36111	
				Surface Treatment None	
REFERENCE NO. 2382-1961-00, 13216-1010, 13211-1170	**REFERENCE NO.** 13011-1150, 13011-1410			**REFERENCE NO.** 11467-1030, 11467-1040	

Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.110 mm, MP: 21.00 mm

9

H06BT — 6224 cc — 6 cyl.

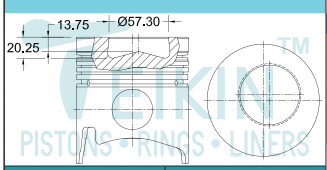


Ø 105.80	1 - 2.8 FK	Ø 39.000		TL 204.0	TEIKIN NO.
CD 69.50	2 - 2.5	TL 87.50		OD 110.0	LKFF 36652A
-24.4	1 - 5.0			FT 8.0 + 0.7	
TL 121.50				FD 118.0	
TEIKIN NO. 36652A	**TEIKIN NO.** R 36652	**TEIKIN NO.** P 36652	**TEIKIN NO.** B 36113	**TEIKIN NO.** LFF 36652*	
				Surface Treatment Phosphate (PH)	
REFERENCE NO. 13216-1591	**REFERENCE NO.** 13011-2880A		**REFERENCE NO.** 13272-1220, 13272-1270	**REFERENCE NO.** 11467-1921, 11467-1931, 11467-1941, 11467-1951	

Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.110 mm, MP: 20.00 mm

10

H06CTI/CTL-II — 6485 cc — 6 cyl.

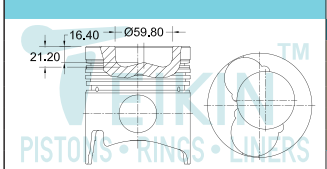


Ø 108.00	1 - 3.0 FK	Ø 39.000		TL 204.0	TEIKIN NO.
CD 69.50	2 - 2.5	TL 90.00		OD 113.0	LKFF 36133A
-20.2	1 - 4.0			FT 8.0 + 1.0	
TL 121.50				FD 118.0	
TEIKIN NO. 36133A		**TEIKIN NO.** P 36113		**TEIKIN NO.** LFF 36135	
				Surface Treatment Phosphate (PH)	
REFERENCE NO. 13216-2600				**REFERENCE NO.** 11467-1591, 11467-1601, 11467-1611, 11467-1621	

Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.110 mm, MP: 28.50 mm

11

H06CTE — 6485 cc — 6 cyl.



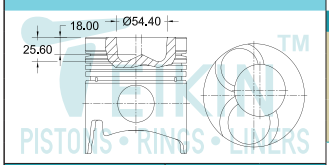
Ø 108.00	1 - 3.0 FK	Ø 39.000		TL 204.0	TEIKIN NO.
CD 69.50	2 - 2.5	TL 90.00		OD 113.0	LKFF 36135A
-21.2	1 - 5.0			FT 8.0 + 1.0	
TL 121.50				FD 118.0	
TEIKIN NO. 36135A	**TEIKIN NO.** R 36135	**TEIKIN NO.** P 36113	**TEIKIN NO.** B 36113	**TEIKIN NO.** LFF 36135*	
				Surface Treatment Phosphate (PH)	
REFERENCE NO. 13216-1750	**REFERENCE NO.** 13011-1961		**REFERENCE NO.** 13272-1220, 13272-1270	**REFERENCE NO.** 11467-1591, 11467-1601, 11467-1611, 11467-1621	

Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.110 mm, MP: 28.50 mm

12

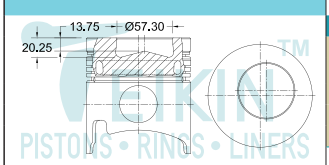
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

H06CTB — 6485 cc — 6 cyl.

Ø 108.00						
CD 69.50 / -25.6 / TL 121.50	1 - 3.0 FK 2 - 2.5 1 - 5.0	Ø 39.000 TL 90.00		TL 204.0 OD 113.0 FT 8.0 + 1.0 FD 118.0		TEIKIN NO. LKFF 36136A
						
TEIKIN NO. 36136A	TEIKIN NO. R 36135	TEIKIN NO. P 36113	TEIKIN NO. B 36113	TEIKIN NO. LFF 36135* Surface Treatment Phosphate (PH)		
REFERENCE NO. 13216-1540 13216-1540B	REFERENCE NO. 13011-1961		REFERENCE NO. 13272-1220 13272-1270	REFERENCE NO. 11467-1591 11467-1601 11467-1611 11467-1621		13

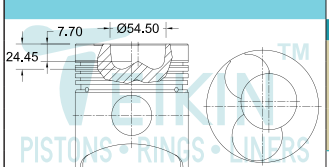
Surface Treatment: Tin Coated — Bore Clearance: MRC: 0.110 mm, MP: 28.50 mm

H06CTI/CTL-III — 6 cyl.

Ø 108.00						
CD 69.50 / -20.3 / TL 121.50	1 - 2.8 FK 2 - 2.0 1 - 4.0	Ø 39.000 TL 90.00				
						
TEIKIN NO. 36137AG		TEIKIN NO. P 36113				
REFERENCE NO. 13216-2840						14

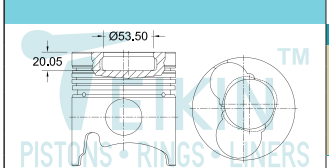
Surface Treatment: Tin Coated — Bore Clearance: MRC: 0.100 mm, MP: 28.50 mm

EH-700 — 6443 cc — 6 cyl.

Ø 110.00						
CD 69.30 / -24.5 / TL 121.25	1 - 3.0 2 - 2.5 1 - 5.0	Ø 39.000 TL 90.00		TL 204.0 OD 113.0 FT 8.0 + 0.8 FD 118.0		TEIKIN NO. LKFF 36113 LKSF 36113 LKFF 36113A LKSF 36113A
						
TEIKIN NO. 36113 36113A	TEIKIN NO. R 36113	TEIKIN NO. P 36113	TEIKIN NO. B 36113	TEIKIN NO. LFF 36113* LSF 36113 Surface Treatment Phosphate (PH)		
REFERENCE NO. 13216-1180 13211-1471 13216-1181	REFERENCE NO. 13011-1610/B 13011-1620/A 13011-2070A 13011-2090		REFERENCE NO. 13272-1220 13272-1270	REFERENCE NO. 11467-1200 11467-1210 11467-1220 11467-1230		15

Surface Treatment: Tin Coated — Bore Clearance: MRC: 0.100 mm, MP: 28.00 mm

H07C NEW — 6728 cc — SUPER RANGER — 6 cyl.

Ø 110.00						
CD 69.45 / -20.0 / TL 121.50	1 - 3.0 2 - 2.5 1 - 5.0	Ø 39.000 TL 90.00		TL 204.0 OD 113.0 FT 8.0 + 0.8 FD 118.0		TEIKIN NO. LKFF 36124 LKSF 36124 LKFF 36124A LKSF 36124A
						
TEIKIN NO. 36124 36124A	TEIKIN NO. R 36113	TEIKIN NO. P 36113	TEIKIN NO. B 36113	TEIKIN NO. LFF 36113* LSF 36113 Surface Treatment Phosphate (PH)		
REFERENCE NO. 13216-1771 13216-2300	REFERENCE NO. 13011-1610/B 13011-1620/A 13011-2070A 13011-2090		REFERENCE NO. 13272-1220 13272-1270	REFERENCE NO. 11467-1200 11467-1210 11467-1220 11467-1230		16

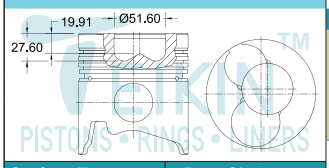
Surface Treatment: Tin Coated — Bore Clearance: MRC: 0.100 mm, MP: 28.00 mm

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

H07C OLD — 6728 cc — 6 cyl.

RANGER

Ø 110.00	1 - 3.0	Ø 39.000		TL 204.0		TEIKIN NO.
	2 - 2.5	TL 90.00		OD 113.0		LKFF 36125
CD 69.45				FT 8.0 + 0.8		LKSF 36125
-27.6	1 - 5.0			FD 118.0		LKFF 36125A
TL 121.50						LKSF 36125A



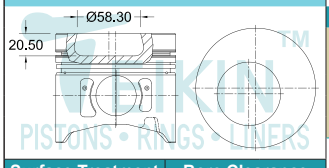
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
36125	R 36113	P 36113		LFF 36113*
36125A				LSF 36113
				Surface Treatment: Phosphate (PH)
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
13216-1851	13011-1610/B			11467-1200
13216-2290	13011-1620/A			11467-1210
	13011-2070A			11467-1220
	13011-2090			11467-1230

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm
	MP: 28.00 mm

17

H07D — 7412 cc — 6 cyl.

Ø 110.00	1 - 3.0	Ø 37.000		TL 204.0		TEIKIN NO.
	1 - 2.0	TL 85.00		OD 113.0		LKFF 36127
CD 57.00				FT 8.0 + 0.8		LKSF 36127
-20.5	1 - 4.0			FD 118.0		LKFF 36127A
TL 100.00						LKSF 36127A



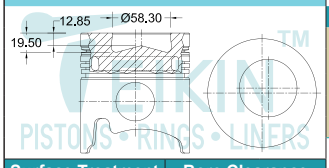
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
36127	R 36127	P 36127	B 36127	LFF 36113*
36127A				LSF 36113
				Surface Treatment: Phosphate (PH)
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13216-2260	13011-2650			11467-1200
	13011-2651/A			11467-1210
	13011-2660			11467-1220
				11467-1230

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm
	MP: 20.60 mm

18

H07C-T — 6278 cc — 6 cyl.

Ø 110.00	1 - 2.8 FK	Ø 39.000		TL 204.0		TEIKIN NO.
	2 - 2.0	TL 90.00		OD 113.0		LKFF 36129AG
CD 69.45				FT 8.0 + 0.8		LKSF 36129AG
-19.5	1 - 4.0			FD 118.0		
TL 121.45						



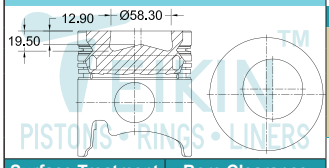
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
36129AG	R 36129	P 36113	B 36113	LFF 36113*
				LSF 36113
				Surface Treatment: Phosphate (PH)
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13216-2740	13011-3510		13272-1220	11467-1200
	13011-3510A		13272-1270	11467-1210
				11467-1220
				11467-1230

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.110 mm
	MP: 28.50 mm

19

H07C-T-II — 6728 cc — 6 cyl.

Ø 110.00	1 - 2.8 FK	Ø 39.000		TL 204.0		TEIKIN NO.
	1 - 2.0	TL 90.00		OD 113.0		LKFF 36655AG
CD 69.40	1 - 2.5			FT 8.0 + 0.8		LKSF 36655AG
-19.5	1 - 4.0			FD 118.0		
TL 121.40						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
36655AG	R 36655	P 36113	B 36113	LFF 36113*
				LSF 36113
				Surface Treatment: Phosphate (PH)
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13216-2062	13011-2672		13272-1220	11467-1200
	13011-2672A		13272-1270	11467-1210
				11467-1220
				11467-1230

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.110 mm
	MP: 28.50 mm

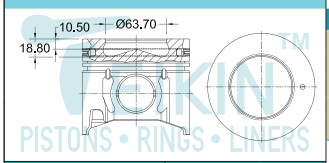
20

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

J08E-II

BLUE RIBBON
RAINBOW
RANGER (2010-)
S'ELEGA

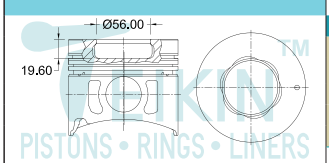
6 cyl.



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.060 mm MP: 19.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER KIT SET
Ø 112.00 CD 57.00 -18.8 TL 100.00	1 - 2.5 1 - 2.0 1 - 4.0	Ø 37.000 TL 85.00		
TEIKIN NO. 36138AG *W/ Insert Bush		TEIKIN NO. P 36127		
REFERENCE NO. S130B-E0391				21

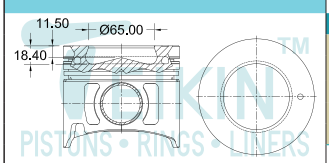
J05C — 5307 cc — 4 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 21.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 114.00 CD 57.10 -19.6 TL 100.00	1 - 3.0 1 - 2.0 1 - 4.0	Ø 37.000 TL 84.50		TL 204.0 OD 117.0 FT 8.0 + 0.8 FD 122.0		TEIKIN NO. LKFF 36657A
TEIKIN NO. 36657A	TEIKIN NO. R 36657	TEIKIN NO. P 36657	TEIKIN NO. B 36657	TEIKIN NO. LFF 36657* Surface Treatment Phosphate (PH)		
REFERENCE NO. 13216-2631	REFERENCE NO. 13011-3391B		REFERENCE NO. 13271-1420 13272-1300B 13272-1381	REFERENCE NO. 11467-2601 11467-2611 11467-2621 11461-78070		22

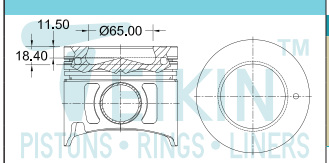
J05C-T — 5307 cc — 4 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 20.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 114.00 CD 57.00 -18.4 TL 100.00	1 - 2.5 1 - 2.0 1 - 4.0	Ø 37.000 TL 85.00		TL 204.0 OD 117.0 FT 8.0 + 0.8 FD 122.0		TEIKIN NO. LKFF 36659AG-4
TEIKIN NO. 36659AG-4 *W/ Insert Bush	TEIKIN NO. R 36659-4	TEIKIN NO. P 36659	TEIKIN NO. B 36657	TEIKIN NO. LFF 36657* Surface Treatment Phosphate (PH)		
REFERENCE NO. 13306-1080 13306-1200 S130A-E0080	REFERENCE NO. 13011-3880A 13011-3940A 13019-11010B		REFERENCE NO. 13271-1420 13272-1300B 13272-1381	REFERENCE NO. 11467-2601 11467-2611 11467-2621 11461-78070		23

J07C-T — 6634 cc — 5 cyl.



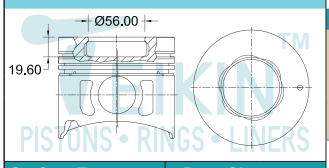
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 20.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 114.00 CD 57.00 -18.4 TL 100.00	1 - 2.5 1 - 2.0 1 - 4.0	Ø 37.000 TL 85.00		TL 204.0 OD 117.0 FT 8.0 + 0.8 FD 122.0		TEIKIN NO. LKFF 36659AG-5
TEIKIN NO. 36659AG-5 *W/ Insert Bush	TEIKIN NO. R 36659-5	TEIKIN NO. P 36659	TEIKIN NO. B 36657-5	TEIKIN NO. LFF 36657-5 Surface Treatment Phosphate (PH)		
REFERENCE NO. 13306-1080 13306-1200 S130A-E0080	REFERENCE NO. 13011-3660A 13011-3900A		REFERENCE NO. 13271-1420 13272-1300B 13272-1381	REFERENCE NO. 11467-2601 11467-2611 11467-2621 11461-78070		24

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

J08C — 7961 cc — 6 cyl.

Ø 114.00	1 - 3.0 1 - 2.0 1 - 4.0	Ø 37.000 TL 84.50		TL 204.0 OD 117.0 FT 8.0 + 0.8 FD 122.0	TEIKIN NO. LKFF 36657-6 LKFF 36657A-6
CD 57.10 -19.6 TL 100.00					



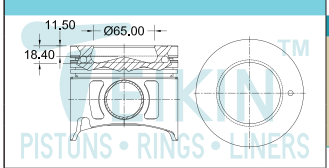
TEIKIN NO. 36657-6 36657A-6	TEIKIN NO. R 36657-6	TEIKIN NO. P 36657	TEIKIN NO. B 36657-6	TEIKIN NO. LFF 36657-6 Surface Treatment Phosphate (PH)	
REFERENCE NO. 13216-2631	REFERENCE NO. 13011-2960A 13011-2961A 13011-2962 13011-2962A		REFERENCE NO. 13271-1420 13272-1300B 13272-1381	REFERENCE NO. 11467-2601 11467-2611 11467-2621 11461-78070	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 21.00 mm

25

J08C-T — 7961 cc — 6 cyl.

Ø 114.00	1 - 2.5 1 - 2.0 1 - 4.0	Ø 37.000 TL 85.00		TL 204.0 OD 117.0 FT 8.0 + 0.8 FD 122.0	TEIKIN NO. LKFF 36659AG
CD 57.00 -18.4 TL 100.00					



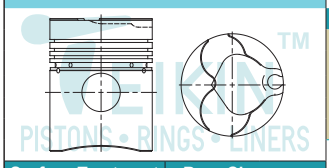
TEIKIN NO. 36659AG *W/ Insert Bush	TEIKIN NO. R 36659	TEIKIN NO. P 36659	TEIKIN NO. B 36657-6	TEIKIN NO. LFF 36657-6 Surface Treatment Phosphate (PH)	
REFERENCE NO. 13306-1080 13306-1200 S130A-E0080	REFERENCE NO. 13011-3570/A 13011-3820/A 13011-3870/A		REFERENCE NO. 13271-1420 13272-1300B 13272-1381	REFERENCE NO. 11467-2601 11467-2611 11467-2621 11461-78070	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 20.00 mm

26

EB300 — 9838 cc — 6 cyl.

Ø 120.00	3 - 3.5 1 - 6.0	Ø 45.000 TL 100.00		TL 288.0 OD 136.0 FT 11.0 + 1.0 FD 143.0	TEIKIN NO. LKFF 36601 LKFF 36601A
CD 86.40 -6.0 TL 155.40					



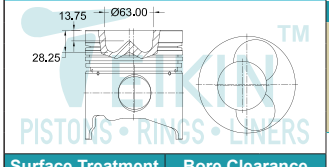
TEIKIN NO. 36601 36601A	TEIKIN NO. R 36601	TEIKIN NO. P 36601	TEIKIN NO. B 36601	TEIKIN NO. LFF 36601 Surface Treatment None	
REFERENCE NO. 13216-1110 13216-1110A 2334-1961-00	REFERENCE NO. 13011-1330 13011-1720 13011-1730 13011-1730A		REFERENCE NO. 13272-1100	REFERENCE NO. 11467-1180 11467-1520 2334-1963-00	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.190 mm MP: 27.00 mm

27

EM 100 — 9419 cc — 6 cyl.

Ø 124.00	1 - 3.0 FK 1 - 2.5 1 - 3.0 1 - 5.0	Ø 42.000 TL 98.00		TL 236.0 OD 129.1 FT 8.0 + 1.2 FD 134.0	TEIKIN NO. LKFF 36128 LKFF 36128A
CD 80.35 -28.3 TL 139.40					



TEIKIN NO. 36128 36128A	TEIKIN NO. R 36128	TEIKIN NO. P 36128		TEIKIN NO. LFF 36128* Surface Treatment Phosphate (PH)	
REFERENCE NO. 13216-1370	REFERENCE NO. 13011-1921 13011-1931 13011-3530			REFERENCE NO. 11467-1661 11467-1671	

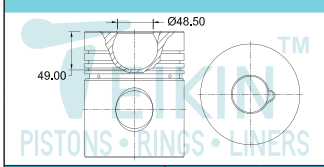
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.130 mm MP: 32.00 mm

28

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

ED-100 — 11581 cc — 6 cyl.

Ø 128.00	3 - 3.5	Ø 48.000					
CD 99.20		TL 106.00					
-49.0	1 - 6.0						
TL 160.00							
TEIKIN NO.		**TEIKIN NO.**					
36112		**P 36112**					
REFERENCE NO.							
2-400-1901-02							
13216-1170							
13211-1530							

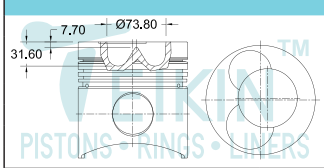


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.160 mm MP: 18.40 mm

29

EK 100 — 13267 cc — 6 cyl.

Ø 137.00	1 - 3.3 FK	Ø 50.000		TL 267.0	TEIKIN NO.
CD 90.20	2 - 3.5	TL 110.00		OD 153.0	LKFF 36650A
-31.6	1 - 6.0			FT 12.0 + 0.8	
TL 145.40				FD 164.0	
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**	
36650A	**R 36650**	**P 36650**	**B 36650**	**LFF 36650**	
				Surface Treatment	
				Chromed O.D.	
REFERENCE NO.	**REFERENCE NO.**		**REFERENCE NO.**	**REFERENCE NO.**	
13216-1220A	13011-1010/1		13272-1010	11467-1080	
13216-1222/24	13011-1021			11467-1910	
13211-1900	13011-1021B			11467-1960	
13216-1530	13011-2210			11467-1920	
13216-1900					

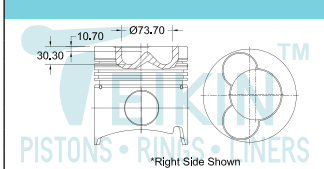


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.170 mm MP: 10.00 mm

30

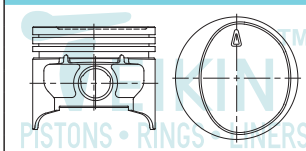
EF750 — 16745 cc — 8 cyl.

Ø 137.00	1 - 3.5 FK	Ø 50.000		TL 248.0	TEIKIN NO.
CD 90.30	2 - 3.5	TL 110.00		OD 153.0	LKFF 36654A
-30.3	1 - 6.0			FT 12.0 + 0.8	
TL 144.30				FD 165.0	
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**	
36654A	**R 36654**	**P 36650**	**B 36654**	**LFF 36654**	
				Surface Treatment	
				Chromed O.D.	
REFERENCE NO.	**REFERENCE NO.**		**REFERENCE NO.**	**REFERENCE NO.**	
13226-1170(R)	13011-1111/2		13272-1240	11467-1091	
13216-1860(L)	13011-1121/B			11467-1900	
	13011-1122				
	13011-2180				



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.170 mm MP: 10.00 mm

31

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
202 **3297 cc** 202ci BLUE-BLACK **6 cyl.** 202ci RED	**Ø 92.08** CD 42.40 -1.7 TL 77.10	2 - 2.0 1 - 4.75	Ø 22.000 TL 66.00					
	**TEIKIN NO.** **37116**		**TEIKIN NO.** **P 39104**					
Surface Treatment None	**Bore Clearance** MRC: 0.030 mm MP: 20.00 mm	**REFERENCE NO.** 6KRY3302						1

TEIKIN™ PISTONS • RINGS • LINERS

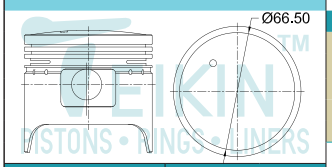
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

EN — 1238 cc — EB3 — 4 cyl.

Ø	72.00
CD	27.50
	+2.5
TL	65.00

RINGS: 2 - 1.5 / 1 - 4.0

PIN: Ø 17.000, TL 62.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38109	R 38109	P 38109

REFERENCE NO.	REFERENCE NO.
13101-PA1-010	13011-673-000 13011-679-621 13011-PA0-004 13021-PA1-004

Surface Treatment	Bore Clearance
None	MRC: 0.020 mm MP: 19.00 mm

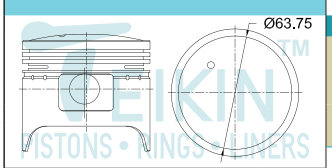
1

EJ — EB3 NEW CIVIC 1300 1978-83 — 4 cyl.

Ø	72.00
CD	27.50
	+3.5
TL	66.00

RINGS: 2 - 1.5 / 1 - 4.0

PIN: Ø 17.000, TL 62.00



TEIKIN NO.	TEIKIN NO.
38147	P 38109

REFERENCE NO.

Surface Treatment	Bore Clearance
None	MRC: 0.020 mm MP: 17.00 mm

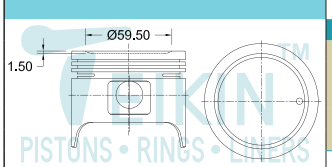
2

EB5 — 1433 cc — 145 COUPLE SOHC 8V — 4 cyl.

Ø	72.00
CD	27.00
	-1.5
TL	60.00

RINGS: 2 - 1.5 / 1 - 2.8

PIN: Ø 17.000, TL 62.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38670	R 38670	P 38109

REFERENCE NO.	REFERENCE NO.
13101-634-670	13011-642-003 13011-642-004 13011-642-305

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 18.00 mm

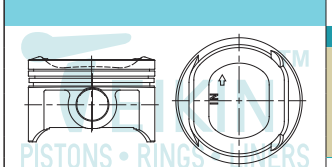
3

L15A — 1496 cc — JAZZ 2005-2007 — 4 cyl.

Ø	73.00
CD	26.20
	+1.7
TL	49.40

RINGS: 1 - 1.0 / 1 - 1.2 / 1 - 2.0

PIN: Ø 18.000, TL 53.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38182	R 38182	P 46332

REFERENCE NO.	REFERENCE NO.
13010-PWC-J01	13011-REA-Z01 13021-REA-Z01

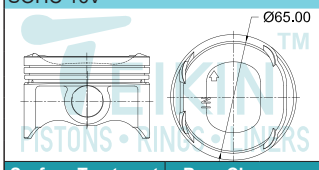
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 10.00 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

JAZZ RS — 1500 cc — 4 cyl.

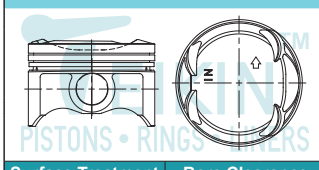
FIT 2008 - ON
1.5 L
CR-Z ~ CITY ~ FIT
(08-)
SOHC 16V



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 10.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 73.00 CD 26.20 +1.6 TL 49.30	2 - 1.0 1 - 2.0	Ø 18.000 TL 53.00				
TEIKIN NO. 38183	TEIKIN NO. R 38183	TEIKIN NO. P 46332				
REFERENCE NO. 13010-RB1-000 13010-55A-Z00	REFERENCE NO. 13011-RB0-006 13011-RB1-004 13021-RB7-Z01 13021-RB7-Z02					5

L13A — 4 cyl.

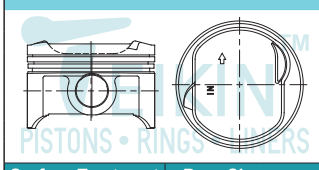


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 10.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 73.00 CD 26.30 +2.4 TL 50.20	2 - 1.0 1 - 2.0	Ø 18.000 TL 53.00				
TEIKIN NO. 38201		TEIKIN NO. P 46332				
REFERENCE NO. 13010-RB0-J10						6

L15A2 — 1496 cc — 4 cyl.

HONDA CITY
2004

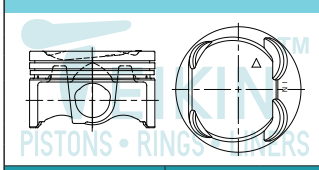


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 10.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 73.00 CD 26.20 +2.4 TL 50.10	1 - 1.0 1 - 1.2 1 - 2.0	Ø 18.000 TL 53.00				
TEIKIN NO. 38203	TEIKIN NO. R 38182	TEIKIN NO. P 46332				
REFERENCE NO. 13010-REA-Z00 13020-REA-Z00	REFERENCE NO. 13011-REA-Z01 13021-REA-Z01					7

L15B7 — 1498 cc — 4 cyl.

CIVIC (2017- 2020)



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 5.00 mm

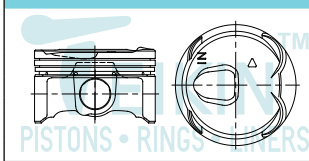
PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 73.00 CD 28.60 -5.0 TL 44.50	1 - 1.2 1 - 1.0 1 - 2.0	Ø 19.960 TL 46.00				
TEIKIN NO. 38210		TEIKIN NO. P 38186				
REFERENCE NO. 13010-59B-J00						8

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

L15B — 1497 cc — 4 cyl.
VEZEL (2017)

Ø 73.00	2 - 1.0	Ø 17.965
CD 26.90		TL 43.00
+1.3	1 - 2.0	
TL 45.70		



TEIKIN NO.	TEIKIN NO.
38211	P 38211

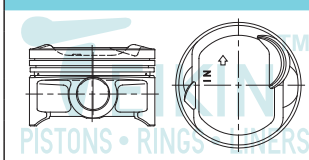
REFERENCE NO.
13010-50T-000

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 8.00 mm

9

L13A4 — 1339 cc — 4 cyl.

Ø 73.00	1 - 1.0 1 - 1.2	Ø 18.000
CD 26.20		TL 54.00
+2.7	1 - 2.0	
TL 44.70		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38657	R 38182	P 58107

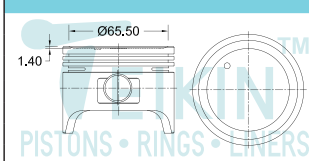
REFERENCE NO.	REFERENCE NO.
13010-PWH-M00	13011-REA-Z01 13021-REA-Z01

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

10

ED1 — 1488 cc — 4 cyl.
1974-79

Ø 74.00	2 - 1.5	Ø 17.000
CD 27.70		TL 62.00
-1.4	1 - 4.0	
TL 57.60		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38112	R 38166	P 38109

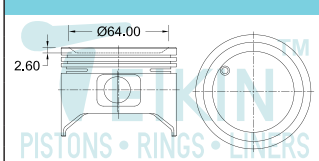
REFERENCE NO.	REFERENCE NO.
13101-657-020 13101-657-030 13101-663-670	13011-657-405/670/671 13011-657-673/4/5 13011-PA6-004 13021-PE3-004

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 18.00 mm

11

EF1 — 1599 cc — 4 cyl.
1976 - 78

Ø 74.00	2 - 1.5	Ø 17.000
CD 27.50		TL 62.00
-2.6	1 - 4.0	
TL 57.50		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38166 (38601)	R 38166	P 38109

REFERENCE NO.	REFERENCE NO.
13101-671-000 13101-671-010	13011-657-405/670/671 13011-657-673/4/5 13011-PA6-004 13021-PE3-004

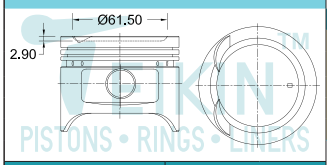
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 18.00 mm

12

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

EV — 1342 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 74.00	2 - 1.5	Ø 19.000				
CD 29.90		TL 56.00				
-2.9	1 - 4.0					
TL 59.90						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
38600 (38164)	**R 38166**	**P 38145**				
REFERENCE NO.	**REFERENCE NO.**					
13101-PE7-000	13011-657-405/670/671 13011-657-673/4/5 13011-PA6-004 13021-PE3-004					



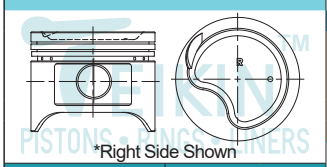
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.00 mm

13

EW — 1488 cc — 4 cyl.

CIVIC, CRX DX
CARB, SOHC 16V
1984-87

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 74.00	2 - 1.2	Ø 19.000				
CD 29.70		TL 56.00				
-4.6	1 - 2.8					
TL 59.70						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
38603 (38160)	**R 38603**	**P 38145**				
REFERENCE NO.	**REFERENCE NO.**					
13101-PE1-000(R) 13105-PE1-000(L)	13011-PA6-014 13011-PE1-004 13011-PE7-014					



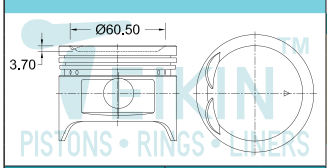
*Right Side Shown

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.50 mm

14

EW-II — 1488 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 74.00	2 - 1.5	Ø 19.000				
CD 29.70		TL 56.00				
-3.7	1 - 4.0					
TL 59.60						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
38605 (38163)	**R 38166**	**P 38145**				
REFERENCE NO.	**REFERENCE NO.**					
13101-PE4-000	13011-657-405/670/671 13011-657-673/4/5 13011-PA6-004 13021-PE3-004					

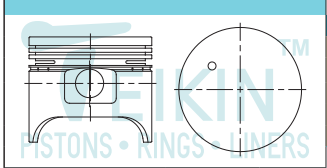


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.00 mm

15

EM1 — 1488 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 74.00	2 - 1.5	Ø 17.000				
CD 27.70		TL 62.00				
	1 - 4.0					
TL 62.70						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
38650	**R 38166**	**P 38109**				
REFERENCE NO.	**REFERENCE NO.**					
13101-PA6-000 13101-PA6-305	13011-657-405/670/671 13011-657-673/4/5 13011-PA6-004 13021-PE3-004					



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 19.00 mm

16

TEIKIN™ PISTONS • RINGS • LINERS

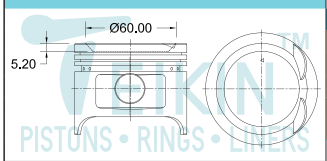
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

D15A3 EW4 — 1488 cc — 4 cyl.

Ø	74.00
CD	29.70
	-5.2
TL	59.80

RINGS: 2 - 1.5 / 1 - 4.0

PIN: Ø 19.000, TL 56.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38663	R 38166	P 38145

REFERENCE NO.	REFERENCE NO.
13101-PE4-730	13011-657-405/670/671 13011-657-673/4/5 13011-PA6-004 13021-PE3-004

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.00 mm

17

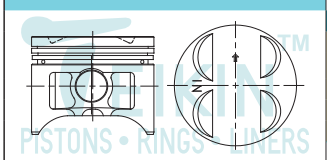
D15B2 / D15B1 — 1493 cc — 4 cyl.

CIVIC CRX
F.I., SOHC 4, 16 V
1988-91

Ø	75.00
CD	30.85
	-4.1
TL	60.85

RINGS: 1 - 1.2 / 1 - 1.5 / 1 - 2.8

PIN: Ø 19.000, TL 56.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38145	R 38145	P 38145

REFERENCE NO.	REFERENCE NO.
13101-PM3-000 13101-PM3-010 13101-PM3-020	13011-PJ1-752 13011-PM1-004 13011-PM3-004 13011-PM5-A02

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 13.50 mm

18

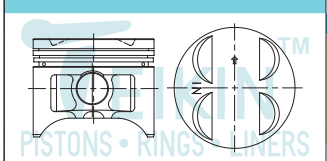
D16A6, ZC — 1590 cc — 4 cyl.

CIVIC Si, CRX Si
16 VALVE, F.I., SOHC 4
1988-91

Ø	75.00
CD	30.85
	-4.1
TL	60.85

RINGS: 1 - 1.2 / 1 - 1.5 / 1 - 2.8

PIN: Ø 19.000, TL 56.00



TEIKIN NO.	TEIKIN NO.
38146	P 38145

REFERENCE NO.

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 13.50 mm

19

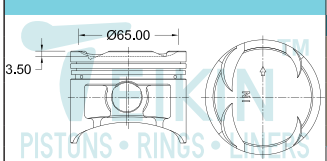
D16Z6 — 1590 cc — 4 cyl.

CIVIC VTEC
F.I., SOHC, 16 V
1992-95

Ø	75.00
CD	30.10
	-3.5
TL	60.00

RINGS: 1 - 1.2 / 1 - 1.5 / 1 - 2.8

PIN: Ø 19.000, TL 56.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38149	R 38149	P 38145

REFERENCE NO.	REFERENCE NO.
13010-P28-A01 13101-P28-A01	13011-P28-A02

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 15.30 mm

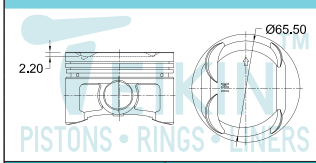
20

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

D16Y8 — 1590 cc — 4 cyl.

CIVIC 1995 - 99
DEL SOL 1996 - 97
F.I., SOHC

Ø 75.00		
CD 29.30	1 - 1.0	Ø 19.000
-2.2	1 - 1.2	TL 56.00
TL 49.35	1 - 2.8	



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38153	R 38153	P 38145

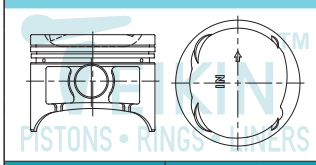
Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.
None	MRC: 0.020 mm	13010-P2P-000	13011-P07-004
	MP: 7.00 mm	13101-P2P-000	13011-P08-004
			13011-PJ1-Y01

21

D15Z1 — 1493 cc — 4 cyl.

CIVIC [VX], VTEC
SOHC 16 V
1992-95

Ø 75.00		
CD 27.80	1 - 1.0	Ø 19.000
-7.2	1 - 1.2	TL 56.00
TL 57.80	1 - 2.8	



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38159	R 38153	P 38145

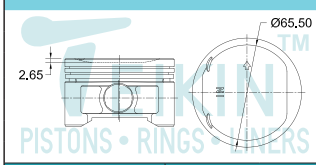
Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.
Tin Coated	MRC: 0.030 mm	13010-P07-000	13011-P07-004
	MP: 15.50 mm	13010-P07-010	13011-P08-004
		13101-P07-000	13011-PJ1-Y01
		13101-P07-010	

22

D17A2 — 1700 cc — 4 cyl.

SOHC 16V
2001-02
VTEC Civic 01-05

Ø 75.00		
CD 26.90	1 - 1.0	Ø 19.000
-2.6	1 - 1.2	TL 56.00
TL 46.40	1 - 2.0	



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38169	R 38170	P 38145

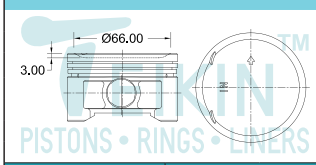
Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.
Tin Coated	MRC: 0.030 mm	13010-PLR-A00	13011-PLM-A00
	MP: 7.30 mm	13020-PLR-A00	13011-PLR-004
		13030-PLR-A00	13011-PLR-A00
			13011-PLK-004

23

D17A1 — 1700 cc — 4 cyl.

SOHC 16V
2001-02

Ø 75.00		
CD 27.00	1 - 1.0	Ø 19.000
-3.0	1 - 1.2	TL 56.00
TL 46.60	1 - 2.0	



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38170	R 38170	P 38145

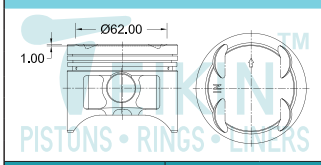
Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.
None	MRC: 0.030 mm	13010-PLM-A00	13011-PLM-A00
	MP: 7.30 mm	13101-PLM-A00	13011-PLR-004
		13020-PLM-A00	13011-PLR-A00
		13030-PLM-A00	13011-PLK-004

24

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

D16A6-II — 1590 cc — 4 cyl.

Ø 75.00	1 - 1.2 1 - 1.5	Ø 19.000 TL 56.00				
CD 29.50 -1.0 TL 59.60	1 - 2.8					
TEIKIN NO. **38173**	**TEIKIN NO.** **R 38606**	**TEIKIN NO.** **P 38145**				
REFERENCE NO. 13101-PM6-000 13101-PM6-010 13101-PM6-K00	**REFERENCE NO.** 13011-PG6-004 13011-PM6-G02 13021-PG6-004 13031-PG6-004					

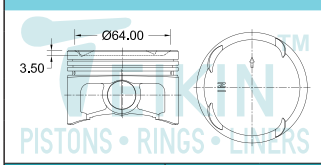


Surface Treatment	Bore Clearance
None	MRC: 0.020 mm MP: 13.50 mm

25

D16Y7 — 1590 cc — 4 cyl.

Ø 75.00	1 - 1.0 1 - 1.2	Ø 19.000 TL 56.00				
CD 30.00 -3.5 TL 50.00	1 - 2.8					
TEIKIN NO. **38181**	**TEIKIN NO.** **R 38153**	**TEIKIN NO.** **P 38145**				
REFERENCE NO. 13010-P2E-000 13101-P2E-000	**REFERENCE NO.** 13011-P07-004 13011-P08-004 13011-PJ1-Y01					

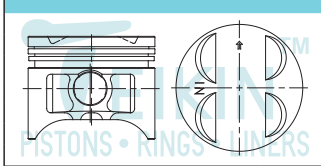


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 7.00 mm

26

D15B-II — 1500 cc — 4 cyl.

Ø 75.00	1 - 1.2 1 - 1.5	Ø 19.000 TL 56.00				
CD 30.90 -4.3 TL 60.90	1 - 4.0					
TEIKIN NO. **38187**	**TEIKIN NO.** **R 38656**	**TEIKIN NO.** **P 38145**				
REFERENCE NO. 13101-PM3-P02 13101-PM3-P01 13101-P02-101 13101-PM3-P00	**REFERENCE NO.** 13011-PM0-B01 13011-PM0-B02 13011-PM0-B03					

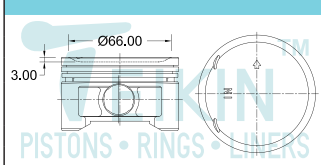


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 13.50 mm

27

D17A — 4 cyl.

Ø 75.00	1 - 1.0 1 - 1.2	Ø 19.000 TL 56.00				
CD 27.00 -3.0 TL 46.60	1 - 2.8					
TEIKIN NO. **38200**		**TEIKIN NO.** **P 38145**				
REFERENCE NO. 13010-PLR-Y00						



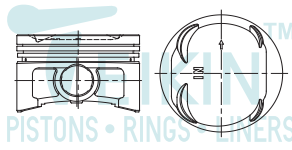
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 7.30 mm

28

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

D16Y8-II — 4 cyl.

Ø 75.00	1 - 1.2 1 - 1.5	Ø 19.000 TL 56.00				
CD 29.20 -3.0 TL 49.30	1 - 2.8					
TEIKIN NO. **38202**	**TEIKIN NO.** **R 38202**	**TEIKIN NO.** **P 38145**				
REFERENCE NO. 13010-P2M-Y00	**REFERENCE NO.**					



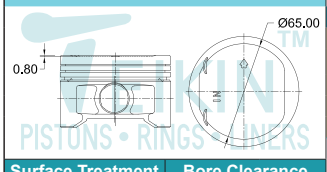
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 7.00 mm

29

D16W7 — 1590 cc — 4 cyl.

HONDA CIVIC - CRV (01-) SOCH 16V

Ø 75.00	1 - 1.0 1 - 1.2	Ø 19.000 TL 56.00				
CD 29.20 -0.8 TL 48.80	1 - 2.0					
TEIKIN NO. **38207**	**TEIKIN NO.** **R 38170**	**TEIKIN NO.** **P 38145**				
REFERENCE NO. 13010-PLH-G00 13020-PLH-G00 13030-PLH-G00	**REFERENCE NO.** 13011-PLM-A00 13011-PLR-004 13011-PLR-A00 13011-PLK-004					



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 6.50 mm

30

D16A — 1590 cc — 4 cyl.

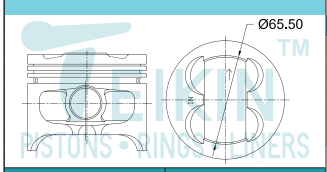
Ø 75.00	1 - 1.2 1 - 1.5	Ø 19.000 TL 56.00				
CD 30.10 +2.9 TL 63.00	1 - 2.8					
TEIKIN NO. **38606** **(38167)**	**TEIKIN NO.** **R 38606**	**TEIKIN NO.** **P 38145**				
REFERENCE NO. 13101-PM7-000 13101-PM7-010 13101-P29-000	**REFERENCE NO.** 13011-PG6-004 13011-PM6-G02 13021-PG6-004 13031-PG6-004					

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.00 mm

31

D15 — 1493 cc — 4 cyl.

Ø 75.00	1 - 1.2 1 - 1.5	Ø 19.000 TL 56.00				
CD 30.80 +1.0 TL 61.80	1 - 4.0					
TEIKIN NO. **38656**	**TEIKIN NO.** **R 38656**	**TEIKIN NO.** **P 38145**				
REFERENCE NO. 13101-PM3-K00	**REFERENCE NO.** 13011-PM0-B01 13011-PM0-B02 13011-PM0-B03					



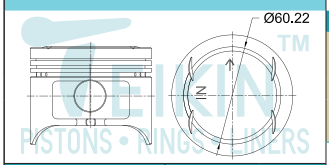
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.00 mm

32

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

D16A-II 1590 cc 4 cyl.

Ø 75.00	1 - 1.2 1 - 1.5	Ø 19.000 TL 56.00				
CD 30.00 +0.7 TL 60.70	1 - 2.8					



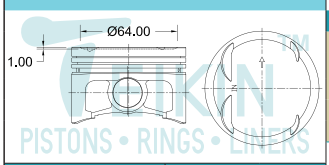
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38665	R 38606	P 38145

Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.
Tin Coated	MRC: 0.030 mm MP: 11.00 mm	13101-PG6-000 13101-PR3-003 13102-PG6-000 13013-PG6-000	13011-PG6-004 13011-PM6-G02 13021-PG6-004 13031-PG6-004

33

D13 1343 cc 4 cyl.
CIVIC DX 88-95

Ø 75.00	1 - 1.2 1 - 1.5	Ø 19.000 TL 55.00				
CD 31.00 -1.0 TL 51.00	1 - 2.8					



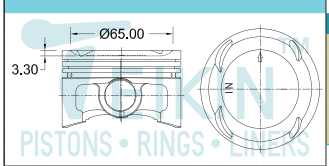
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38666	R 38145	P 44695

Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.
Tin Coated	MRC: 0.030 mm MP: 6.00 mm	13010-P3R-T00 13020-P2A-000 13030-P2A-000	13011-PJ1-752 13011-PM1-004 13011-PM3-004 13011-PM5-A02

34

D15-II 1493 cc 4 cyl.

Ø 75.00	1 - 1.2 1 - 1.5	Ø 19.000 TL 56.00				
CD 27.80 -3.3 TL 47.80	1 - 2.8					



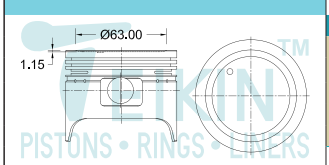
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38667	R 38145	P 38145

Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.
Tin Coated	MRC: 0.030 mm MP: 6.00 mm	13010-P2C-Y00	13011-PJ1-752 13011-PM1-004 13011-PM3-004 13011-PM5-A02

35

EK-1 1750 cc 4 cyl.
ED-3

Ø 77.00	2 - 1.5	Ø 18.000 TL 70.00				
CD 27.60 -1.1 TL 62.60	1 - 4.0					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38114	R 38114	P 38114

Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.
None	MRC: 0.030 mm MP: 18.50 mm	13101-689-000	13011-676-601/2/4/42 13011-689-003/5/13/15 13011-PB1-003 13011-PC3-601/2/3

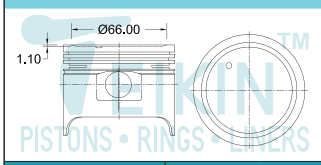
36

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

EK-1-III

4 cyl.

Ø 77.00	2 - 1.5	Ø 18.000
CD 27.50		TL 70.00
-1.1	1 - 4.0	
TL 62.50		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38179	R 38114	P 38114

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 18.50 mm

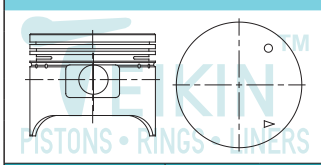
REFERENCE NO.	REFERENCE NO.
13101-689-000	13011-676-601/2/4/42 13011-689-003/5/13/15 13011-PB1-003 13011-PC3-601/2/3

37

EP 1601 cc

4 cyl.

Ø 77.00	2 - 1.5	Ø 18.000
CD 28.00		TL 62.00
	1 - 4.0	
TL 62.50		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38652	R 38114	P 38652

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.00 mm

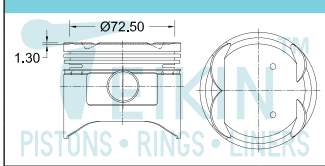
REFERENCE NO.	REFERENCE NO.
13101-PC1-000 13101-PC1-010 13101-PC3-600	13011-676-601/2/4/42 13011-689-003/5/13/15 13011-PB1-003 13011-PC3-601/2/3

38

ES 1829 cc

4 cyl.

Ø 80.00	2 - 1.5	Ø 20.000
CD 29.80		TL 62.00
-1.3	1 - 4.0	
TL 65.30		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38602	R 38602	P 38129

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.00 mm

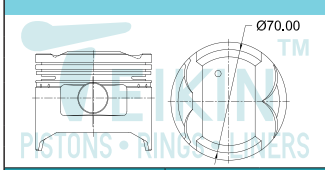
REFERENCE NO.	REFERENCE NO.
13101-PD3-000 13102-PD3-000 13103-PD3-010 13105-PD3-010	13011-PC6-004/13 13011-PC7-004/23 13011-PD6-003/4 13011-PH1-003

39

ES-II 1829 cc

4 cyl.

Ø 80.00	2 - 1.5	Ø 20.000
CD 29.80		TL 62.00
+1.5	1 - 4.0	
TL 66.80		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38604 (38162)	R 38602	P 38129

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 8.00 mm

REFERENCE NO.	REFERENCE NO.
13101-PD5-000 13101-PD5-010	13011-PC6-004/13 13011-PC7-004/23 13011-PD6-003/4 13011-PH1-003

40

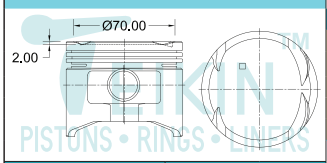
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

ES1 — 1829 cc — 4 cyl.

Ø	80.00
CD	29.80
	-2.0
TL	65.30

RINGS: 2 - 1.5 / 1 - 4.0

PIN: Ø 20.000, TL 62.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38655	R 38602	P 38129

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 9.00 mm

REFERENCE NO.	REFERENCE NO.
13101-PC7-000	13011-PC6-004/13
13101-PC7-730	13011-PC7-004/23
13101-PC7-731	13011-PD6-003/4
13102-PC7-000	13011-PH1-003
13102-PC7-731	

41

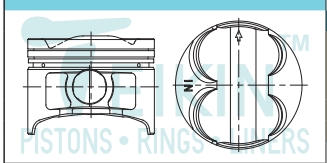
B18C1 — 1797 cc — 4 cyl.

INTEGRA TYPE R MODE
F.I., DOHC, 16 V

Ø	81.00
CD	30.40
	+1.8
TL	62.20

RINGS: 1 - 1.0 / 1 - 1.2 / 1 - 2.8

PIN: Ø 21.000, TL 56.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38151	R 38155	P 38151

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.020 mm MP: 14.70 mm

REFERENCE NO.	REFERENCE NO.
13010-P73-A00	13011-PR3-003/4
	13011-PR4-A01/2
	13011-PR4-Y02

42

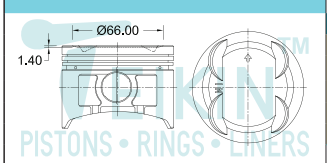
B18B1 — 1834 cc — 4 cyl.

INTEGRA
GS, LS, RS, SE
F.I., DOHC, 16 V
1994-99

Ø	81.00
CD	30.00
	-1.4
TL	60.00

RINGS: 1 - 1.0 / 1 - 1.2 / 1 - 2.8

PIN: Ø 21.000, TL 56.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38152	R 38155	P 38151

Surface Treatment	Bore Clearance
None	MRC: 0.020 mm MP: 14.00 mm

REFERENCE NO.	REFERENCE NO.
13010-P54-000	13011-PR3-003/4
13101-PR4-010	13011-PR4-A01/2
13101-PR4000	13011-PR4-Y02

43

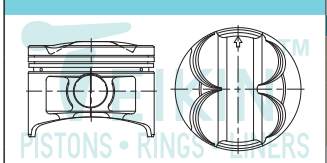
B16A2 — 1595 cc — 4 cyl.

DEL SOL
CIVIC Si
VTEC, F.I., DOHC 16 V
1996-2000

Ø	81.00
CD	30.00
	+2.6
TL	62.60

RINGS: 1 - 1.0 / 1 - 1.2 / 1 - 2.8

PIN: Ø 21.000, TL 56.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38155	R 38155	P 38151

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.50 mm

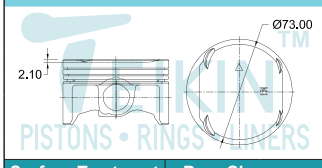
REFERENCE NO.	REFERENCE NO.
13010-P30-G00	13011-PR3-003/4
13020-P30-G00	13011-PR4-A01/2
	13011-PR4-Y02

44

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

R20A — 2000 cc — 4 cyl.

ACCORD ~ CIVIC
CR-V ~ STREAM
(06-12)
SOHC 16V



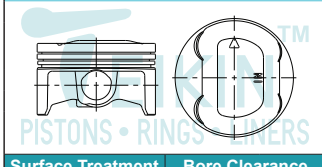
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 8.00 mm

PISTON SET	RINGS	PIN
Ø 81.00	2 - 1.2	Ø 19.960
		TL 46.00
CD 28.80		
-2.1	1 - 2.0	
TL 49.30		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
38186	**R 38659**	**P 38186**
REFERENCE NO.	**REFERENCE NO.**	
13010-RNA-Y00	13011-RNA-A01/2	
13020-RNA-Y00	13011-RNB-A01	
	13021-RNA-A01/2	

45

R16A — 1595 cc — 4 cyl.

CIVIC 06-11
SOHC 16V



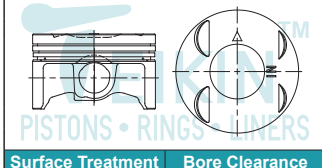
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 8.00 mm

PISTON SET	RINGS	PIN
Ø 81.00	2 - 1.2	Ø 19.960
		TL 46.00
CD 28.60		
+2.0	1 - 2.0	
TL 51.00		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
38208	**R 38659**	**P 38186**
REFERENCE NO.	**REFERENCE NO.**	
13010-RNF-E00	13011-RNA-A01/2	
13010-RNF-E04	13011-RNB-A01	
	13021-RNA-A01/2	

46

R18A1/A2 — 1799 cc — 4 cyl.

CIVIC - FR-V
SOHC 16V
2006 - 2009
Civic 06-11

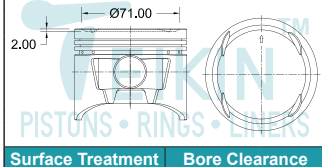


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 8.00 mm

PISTON SET	RINGS	PIN
Ø 81.00	2 - 1.2	Ø 19.960
		TL 46.00
CD 28.90		
-2.2	1 - 2.0	
TL 49.40		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
38659	**R 38659**	**P 38186**
REFERENCE NO.	**REFERENCE NO.**	
13010-RNA-A00	13011-RNA-A01/2	
13020-RNA-A00	13011-RNB-A01	
13010-R1A-A00	13021-RNA-A01/2	

47

B20A5 — 1958 cc — 4 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.50 mm

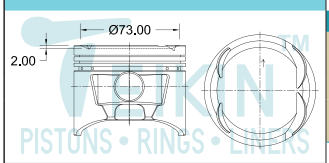
PISTON SET	RINGS	PIN
Ø 81.00	1 - 1.2	Ø 22.000
	1 - 1.5	TL 57.00
CD 30.90		
-2.0	1 - 2.8	
TL 65.40		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
38660	**R 38660**	**P 38660**
REFERENCE NO.	**REFERENCE NO.**	
13101-PK2-660	13011-PJ5-601/2	
13101-PK2-662	13011-PH3-003/4/901	
	131011-PH5-003	
	13011-PK1-003/4/751/752	

48

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

B20A3 — 1958 cc — 4 cyl.

Ø	81.00	1 - 1.2	Ø	20.000
		1 - 1.5	TL	62.00
CD	29.80			
	-2.0	1 - 2.8		
TL	65.20			



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38664	R 38660	P 38129

REFERENCE NO.	REFERENCE NO.
13101-PK1-000/010	13011-PJ5-601/2 13011-PH3-003/4/901 131011-PH5-003 13011-PK1-003/4/751/752

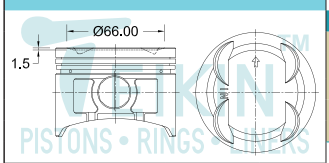
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.00 mm

49

B18A1 — 1834 cc — 4 cyl.

INTEGRA 92-93
DOHC 16V

Ø	81.00	1 - 1.0	Ø	21.000
		1 - 1.2	TL	56.50
CD	30.00			
	-1.5	1 - 2.8		
TL	60.00			



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38668	R 38155	P 38668

REFERENCE NO.	REFERENCE NO.
13101-PR4-000 13102-PR4-000	13011-PR3-003/4 13011-PR4-A01/2 13011-PR4-Y02

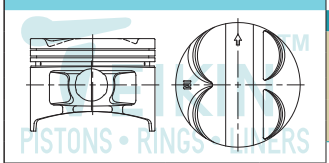
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.00 mm

50

B18C1-II — 1797 cc — 4 cyl.

INTEGRA
DOHC

Ø	81.00	1 - 1.0	Ø	21.000
		1 - 1.2	TL	56.50
CD	30.10			
	-3.3	1 - 2.8		
TL	60.10			



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38669	R 38155	P 38668

REFERENCE NO.	REFERENCE NO.
13010-P72-A00 13020-P72-A00	13011-PR3-003/4 13011-PR4-A01/2 13011-PR4-Y02

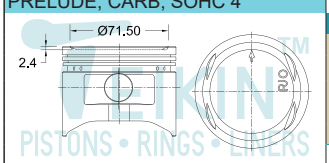
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 14.00 mm

51

BS / A20A1 — 1955 cc — 4 cyl.

BT / A20A3
1986-89
ACCORD
1986-89
PRELUDE, CARB, SOHC 4

Ø	82.70	2 - 1.5	Ø	20.000
			TL	62.00
CD	29.80			
	-2.4	1 - 4.0		
TL	65.30			



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38129	R 38654	P 38129

REFERENCE NO.	REFERENCE NO.
13101-PJ0-660 13101-PJ0-661 13101-PH4-010 13101-PJ0-010	13011-PH4-003/4 13011-PH4-601/2/51 13011-PH4-751/2 13021-PH4-003/4/601/602

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.85 mm

52

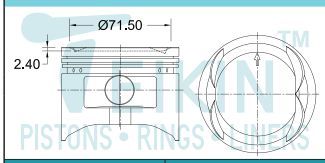
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

A20A BS-II — 1955 cc — 4 cyl.

Ø	82.70
CD	29.80
	-2.4
TL	65.30

RINGS: 2 - 1.5 / 1 - 4.0

PIN: Ø 20.000, TL 62.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38654	R 38654	P 38129

REFERENCE NO.	REFERENCE NO.
13101-PH4-000	13011-PH4-003/4 13011-PH4-601/2/51 13011-PH4-751/2 13021-PH4-003/4/601/602

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.85 mm

53

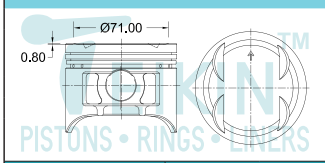
B21A1 — 2056 cc — 4 cyl.

PRELUDE, F.I., DOHC4
1990-91

Ø	83.00
CD	30.85
	-0.8
TL	65.35

RINGS: 2 - 1.2 / 1 - 2.8

PIN: Ø 22.000, TL 56.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38148	R 38148	P 34101

REFERENCE NO.	REFERENCE NO.
13101-PK3-A01	13011-PK3-A04

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 16.00 mm

54

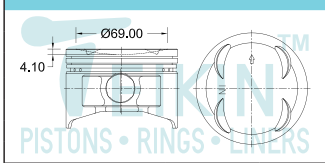
B20B4 — 1972 cc — 4 cyl.

CRV
F.I., DOHC 16V
1997-98

Ø	84.00
CD	29.60
	-4.1
TL	59.60

RINGS: 2 - 1.2 / 1 - 2.8

PIN: Ø 21.000, TL 56.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38154	R 38154	P 38151

REFERENCE NO.	REFERENCE NO.
13010-P3F-A00 13020-P3F-000 13101-P3F-A00	13011-P3F-003 13021-P3F-003 13011-PHK-003

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 14.50 mm

55

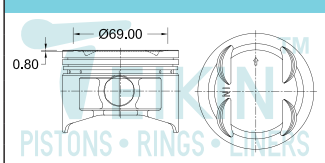
B20Z2 — 1997 cc — 4 cyl.

DOHC 16V
1999-2001

Ø	84.00
CD	29.60
	-0.8
TL	59.60

RINGS: 2 - 1.2 / 1 - 2.8

PIN: Ø 21.000, TL 56.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38171	R 38154	P 38151

REFERENCE NO.	REFERENCE NO.
13010-PHK-000 13101-PHK-000	13011-P3F-003 13021-P3F-003 13011-PHK-003

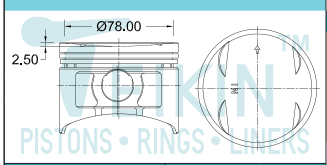
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 14.50 mm

56

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

F18A — 2000 cc — 4 cyl.

Ø 85.00	2 - 1.2	Ø 22.000
CD 30.80		TL 56.00
-2.5	1 - 2.8	
TL 65.30		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38150	R 38150	P 34101

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.00 mm

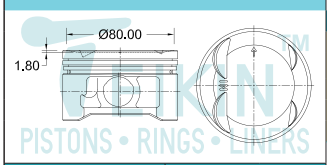
REFERENCE NO.	REFERENCE NO.
13101-PT1-010	13011-P0A-004
13101-PT1-000	13011-PT0-B01/2/3/4
13101-PT5-000	13011-PT1-004/G02
	13011-PT2-003/4

57

F20B-II — 1997 cc — 4 cyl.

ACCORD (1997-2003)
TORNEO (1997-2002)

Ø 85.00	2 - 1.2	Ø 21.965
CD 30.60		TL 57.00
-1.8	1 - 2.8	
TL 52.10		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38213		P 38157

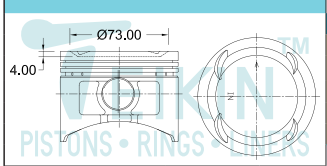
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 7.00 mm

REFERENCE NO.
13010-PCA-000

58

F22A — 2156 cc — 4 cyl.

Ø 85.00	2 - 1.2	Ø 22.000
CD 30.70		TL 56.00
-4.0	1 - 2.8	
TL 65.20		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38651 (38161)	R 38150	P 34101

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.00 mm

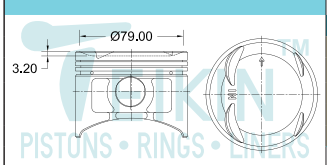
REFERENCE NO.	REFERENCE NO.
13101-PT3-A01	13011-P0A-004
	13011-PT0-B01/2/3/4
	13011-PT1-004/G02
	13011-PT2-003/4

59

F22B1 — 2156 cc — 4 cyl.

ACCORD 94-97

Ø 85.00	2 - 1.2	Ø 22.000
CD 30.50		TL 57.00
-3.2	1 - 2.8	
TL 65.00		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38674	R 38150	P 38660

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 12.50 mm

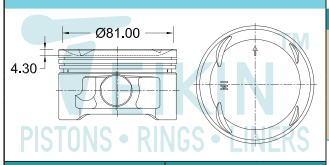
REFERENCE NO.	REFERENCE NO.
13010-P1E-000	13011-P0A-004
13020-P1E-000	13011-PT0-B01/2/3/4
13030-P0A-010	13011-PT1-004/G02
13040-P0A-010	13011-PT2-003/4

60

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

F23A5 — 2254 cc — 4 cyl.

ODYSSEY, ACCORD
1998-2001
F.I. SOHC 16V



Surface Treatment	Bore Clearance
None	MRC: 0.020 mm MP: 6.00 mm

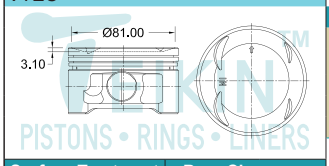
Ø	86.00
CD	30.00
	-4.3
TL	51.50

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
	2 - 1.2 1 - 2.8	Ø 21.965 TL 54.00				
TEIKIN NO. 38172		TEIKIN NO. P 38172				
REFERENCE NO. 13010-PAB-A00						

61

F23A1 — 2254 cc — 4 cyl.

F23A4 / F23A7
ACCORD (LX, EX, VP) 98-02
F.I. SOHC 16V
ODYSSEY 98
VTEC



Surface Treatment	Bore Clearance
None	MRC: 0.020 mm MP: 6.00 mm

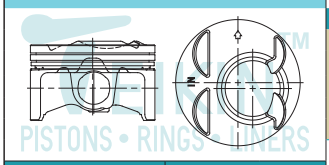
Ø	86.00
CD	30.10
	-3.1
TL	51.60

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
	2 - 1.2 1 - 2.8	Ø 21.965 TL 54.00				
TEIKIN NO. 38180	TEIKIN NO. R 38180	TEIKIN NO. P 38172				
REFERENCE NO. 13010-PAA-A00 13010-PEA-A00 13020-PAA-A00 13030-PAA-A00 13030-PAB-A00	REFERENCE NO. 13011-PAA-Y01 13011-PEA-003/4 13011-PN8-P01 13011-PNB-G01					

62

K20A3 — 1998 cc — 4 cyl.

CIVIC[SI] 2002-2005
VTEC
DOHC 16V
ACCURA RSX 2002-2005



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 8.50 mm

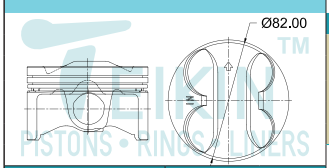
Ø	86.00
CD	29.50
	+2.5
TL	54.00

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
	2 - 1.2 1 - 2.0	Ø 21.965 TL 52.00				
TEIKIN NO. 38185	TEIKIN NO. R 38190	TEIKIN NO. P 38174				
REFERENCE NO. 13010-PNC-010 13010-PNC-000 13020-PNC-000 13030-PNC-000	REFERENCE NO. 13011-PNE-G02 13011-PNF-G01 13011-PRA-E02 13021-PNF-G01					

63

K20A2 — 2000 cc — 4 cyl.

RSX TYPE S 2002-2006
CIVIC SI 2006
CSX TYPE S
CIVIC TYPE S 2007



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 8.50 mm

Ø	86.00
CD	30.00
	+3.8
TL	55.80

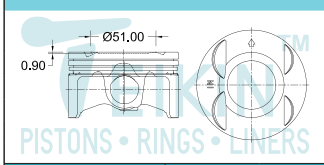
PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
	2 - 1.2 1 - 2.0	Ø 21.965 TL 52.00				
TEIKIN NO. 38190	TEIKIN NO. R 38190	TEIKIN NO. P 38174				
REFERENCE NO. 13020-PRB-A01 13010-PRB-A01 13030-PRB-A01	REFERENCE NO. 13011-PNE-G02 13011-PNF-G01 13011-PRA-E02 13021-PNF-G01					

64

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

K20A5
4 cyl.

Ø 86.00	2 - 1.2	Ø 21.965
CD 29.50		TL 52.00
-0.9	1 - 2.8	
TL 51.50		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38199	R 38199	P 38174

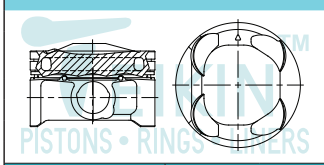
REFERENCE NO.	REFERENCE NO.
13010-PNB-P01	

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 8.50 mm

65

K20C4/K20C6 1996 cc
ACCORD (2018-2022) 4 cyl.
RDX (2019-2023)
TLX (2021-2023)
DOHC 16V

Ø 86.00	1 - 1.5 1 - 1.0	Ø 21.965 TL 57.00
CD 32.00		
+5.2	1 - 2.0	
TL 57.20		



TEIKIN NO.	TEIKIN NO.
38214G	P 38157

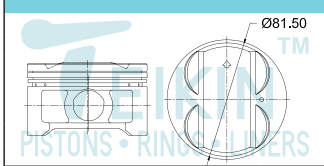
REFERENCE NO.
13010-6B2-A00

Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 9.00 mm

66

J30A4 2977 cc
V6 3.0L 6 cyl.
2003-2005 ACCORD EX,LX
SOHC 24V

Ø 86.00	2 - 1.2	Ø 21.965
CD 30.00		TL 54.00
+0.7	1 - 2.8	
TL 52.20		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38178	R 38178	P 38172

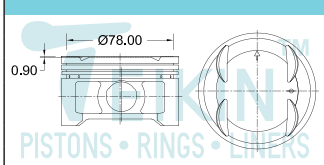
REFERENCE NO.	REFERENCE NO.
13010-RCA-A00	13011-P8A-A01
13030-RCA-A00	13011-RCA-A01
13040-RCA-A00	13011-RDV-J01

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

67

J30A
ACCORD 6 cyl.
(98-02)
DOHC 24V
ACCORD LX

Ø 86.00	2 - 1.2	Ø 21.965
CD 30.00		TL 54.00
-0.9	1 - 2.8	
TL 51.50		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38195	R 38178	P 38172

REFERENCE NO.	REFERENCE NO.
13010-P8A-A00	13011-P8A-A01
	13011-RCA-A01
	13011-RDV-J01

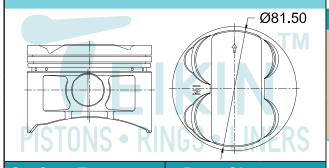
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 7.00 mm

68

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

H22A1 — 2157 cc — 4 cyl.

PRELUDE [Si]
VTEC, DOHC 16V
1993-96



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.50 mm

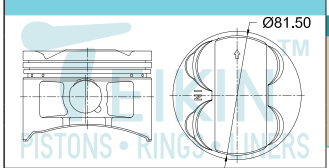
Ø 87.00		
CD	31.00	
	+0.8	
TL	61.80	

PISTON SET	RINGS	PIN
	2 - 1.2	Ø 22.000
		TL 56.00
	1 - 2.8	
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38156	R 38156	P 34101
REFERENCE NO.	REFERENCE NO.	
13010-P13-A00	13011-P13-003/4 13011-P5M-003/013 13021-P13-003/4 13011-RAF-S01	

69

H22A4 — 2157 cc — 4 cyl.

PRELUDE [Si]
VTEC, DOHC 16V
1997-98



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.70 mm

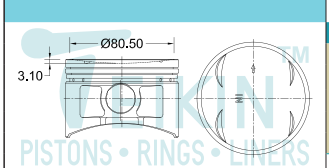
Ø 87.00		
CD	31.00	
	+0.8	
TL	61.80	

PISTON SET	RINGS	PIN
	2 - 1.2	Ø 21.965
		TL 57.00
	1 - 2.8	
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38157	R 38156	P 38157
REFERENCE NO.	REFERENCE NO.	
13010-P5M-A00 13101-P5M-A00	13011-P13-003/4 13011-P5M-003/013 13021-P13-003/4 13011-RAF-S01	

70

H23A1 — 2259 cc — 4 cyl.

PRELUDE [Si, SE]
DOHC 16V
1992-96



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.00 mm

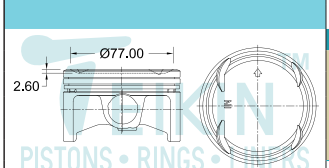
Ø 87.00		
CD	30.50	
	-3.1	
TL	60.50	

PISTON SET	RINGS	PIN
	2 - 1.2	Ø 22.000
		TL 56.00
	1 - 2.8	
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38158	R 38156	P 34101
REFERENCE NO.	REFERENCE NO.	
13010-P14-A00 13020-P14-A00 13030-P14-A00 13101-P14-A00	13011-P13-003/4 13011-P5M-003/013 13021-P13-003/4 13011-RAF-S01	

71

K24A1 — 2400 cc — 4 cyl.

K24Z
DOHC 16V 2.4L
2002-2005 CR-V EX, CR-V LX
2005 CR-V SE



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 11.00 mm

Ø 87.00		
CD	29.60	
	-2.6	
TL	53.60	

PISTON SET	RINGS	PIN
	2 - 1.2	Ø 21.965
		TL 52.00
	1 - 2.0	
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38174	R 38174	P 38174
REFERENCE NO.	REFERENCE NO.	
13010-PPA-000 13010-PPA-010 13011-PPA-010 13020-PPA-010 13010-RAD-Y01	13011-PPA-003/4 13011-RAA-A01 13011-RAD-004 13021-PPA-003	

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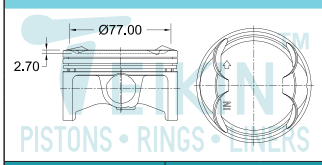
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

K24A4 — 2400 cc — 4 cyl.

DOHC 16V 2.4L
ELEMENT
2003-2005 ACCORD DX,EX,LX



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 11.00 mm

Ø 87.00		
CD	29.50	
	+3.2	
TL	56.60	

2 - 1.2
1 - 2.0

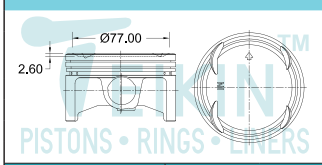
Ø 21.965
TL 52.00

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38175	R 38174	P 38174

REFERENCE NO.	REFERENCE NO.
13010-RAA-A00	13011-PPA-003/4
13010-RAA-A01	13011-RAA-A01
13020-RAA-A01	13011-RAD-004
	13021-PPA-003

73

K24A4-II — 2400 cc — 4 cyl.



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 11.00 mm

Ø 87.00		
CD	29.60	
	-2.6	
TL	53.60	

2 - 1.2
1 - 2.8

Ø 21.965
TL 52.00

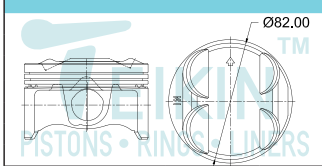
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38184	R 38156	P 38174

REFERENCE NO.	REFERENCE NO.
13010-RAF-S01	13011-P13-003/4
	13011-P5M-003/013
	13021-P13-003/4
	13011-RAF-S01

74

K24Z3 — 2400 cc — 4 cyl.

ACURA TSX 09-



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 8.50 mm

Ø 87.00		
CD	29.20	
	+3.6	
TL	56.80	

2 - 1.2
1 - 2.0

Ø 21.965
TL 52.00

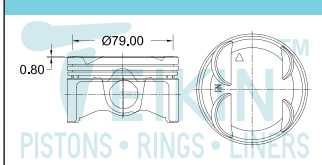
TEIKIN NO.	TEIKIN NO.
38188	P 38174

REFERENCE NO.
13010-RL5-A00

75

K24A2 — 2400 cc — 4 cyl.

ACURA TSX 04-05



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 8.00 mm

Ø 87.00		
CD	30.00	
	-0.8	
TL	52.00	

2 - 1.2
1 - 2.5

Ø 21.965
TL 52.00

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38189	R 38189	P 38174

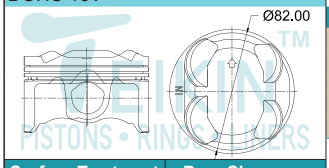
REFERENCE NO.	REFERENCE NO.
13010-RBB-A00	13011-RBB-004
13010-RBB-000	13011-RBB-006
13010-RBB-010	13021-RBB-004
13020-RBB-000	13021-RBB-006
13030-RBB-000	

76

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

K24Z2 — 2354 cc — 4 cyl.

K24Z3
ACCORD
ODYSSEY
(08-)
DOHC 16V

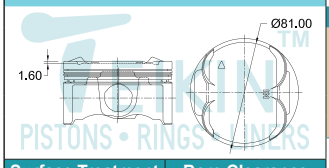


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 87.00 CD 29.20 +4.2 TL 57.40	2 - 1.2 1 - 2.0	Ø 21.965 TL 52.00				
TEIKIN NO. 38191	TEIKIN NO. R 38191	TEIKIN NO. P 38174				
REFERENCE NO. 13010-R40-A00	REFERENCE NO. 13011-R40-A01 13011-R44-A01 13021-R40-A01 13021-R44-A01					

77

ACCORD — 4 cyl.

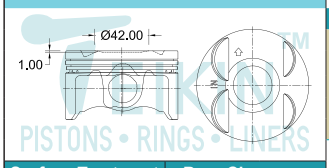


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 87.00 CD 29.40 +3.5 TL 53.90	1 - 1.2 1 - 1.0 1 - 2.0	Ø 21.965 TL 52.00				
TEIKIN NO. 38197		TEIKIN NO. P 38174				
REFERENCE NO. 13010-5B0-Y00						

78

CRV / K24A — 4 cyl.

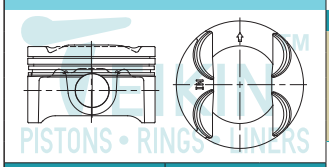


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 87.00 CD 29.30 -1.0 TL 53.30	2 - 1.2 1 - 2.0	Ø 21.965 TL 52.00				
TEIKIN NO. 38198		TEIKIN NO. P 38174				
REFERENCE NO. 13010-RLF-000						

79

F20C1 — 4 cyl.



Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 7.50 mm

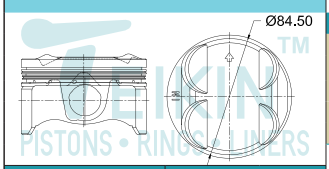
PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 87.00 CD 30.00 +1.1 TL 53.10	2 - 1.2 1 - 2.0	Ø 22.960 TL 56.00				
TEIKIN NO. 38204		TEIKIN NO. P 38204				
REFERENCE NO. 13010-PCX-A01						

80

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET

K24Z7
4 cyl.

Ø 87.00	1 - 1.2	Ø 21.965
	1 - 1.0	TL 52.00
CD 29.20		
+3.6	1 - 2.0	
TL 56.80		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38205	R 38205	P 38174

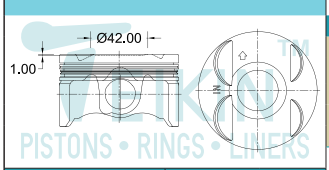
REFERENCE NO.	REFERENCE NO.
13010-RL5-A10	13011-R40-A12

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 8.50 mm

81

K24Y2
4 cyl.

Ø 87.00	1 - 1.2	Ø 21.965
	1 - 1.0	TL 52.00
CD 29.30		
-1.0	1 - 2.0	
TL 53.30		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38206	R 38206	P 38174

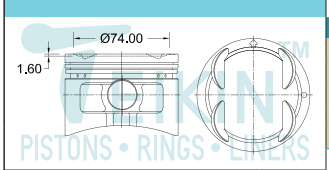
REFERENCE NO.	REFERENCE NO.
13010-R5A-A10	

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.50 mm

82

C27A4 — 2675 cc
ACURA C27A1
ACCORD
1995-97
F.I., SOHC 24V
6 cyl.

Ø 87.00	2 - 1.2	Ø 22.000
		TL 56.00
CD 31.50		
-1.6	1 - 4.0	
TL 63.00		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38168	R 38168	P 34101

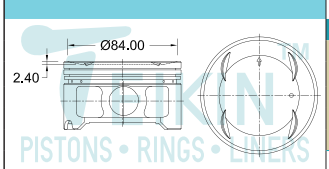
REFERENCE NO.	REFERENCE NO.
13010-P0G-A00	13011-PL2-003/4
13101-PL2-000	13011-P0G-A01
	13021-PL2-003/4
	13031-PL2-003/4

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 12.75 mm

83

J35A1 — 3474 cc
V6 F.I 3.5L
1999-2001 ODYSSEY EX,LX
SOHC 24V
6 cyl.

Ø 89.00	2 - 1.2	Ø 21.965
		TL 54.00
CD 30.00		
-2.4	1 - 2.8	
TL 51.50		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38176	R 38176	P 38172

REFERENCE NO.	REFERENCE NO.
13010-P8F-A00	13011-P8F-A01
13101-P8F-A01	13011-P8F-Y01
13101-P8F-A00	13021-P8F-Y01
	13031-P8F-Y01

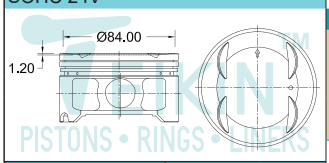
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

84

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET

J35A3 — 3471 cc — 6 cyl.

V6 3.5L
2001 ACURA MDX, MDX TOURING
2002-2004 ODYSSEY EX,LX
2003-2004 PILOT
SOHC 24V



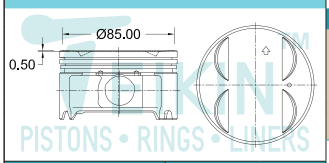
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 89.00 CD 30.00 -1.2 TL 51.50	2 - 1.2 1 - 2.8	Ø 21.965 TL 54.00				
TEIKIN NO. 38177	TEIKIN NO. R 38176	TEIKIN NO. P 38172				
REFERENCE NO. 13010-PGK-A00 13010-PGK-A01 13010-RDJ-A00 13010-RGL-A00 13010-RGM-A00	REFERENCE NO. 13011-P8F-A01 13011-P8F-Y01 13021-P8F-Y01 13031-P8F-Y01					

85

J35A7 — 3500 cc — 6 cyl.

3.5L V6



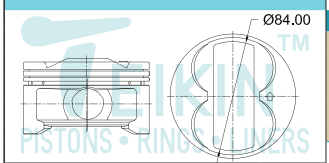
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 8.00 mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 89.00 CD 30.00 -0.5 TL 51.50	2 - 1.2 1 - 2.8	Ø 21.965 TL 54.00				
TEIKIN NO. 38192	TEIKIN NO. R 38176	TEIKIN NO. P 38172				
REFERENCE NO. 13010-R70-A00	REFERENCE NO. 13011-P8F-A01 13011-P8F-Y01 13021-P8F-Y01 13031-P8F-Y01					

86

J32A3 — 3200 cc — 6 cyl.

J32A4
3.2L V6



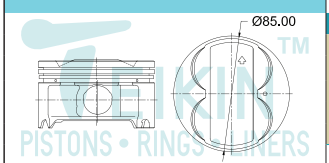
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.50 mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 89.00 CD 30.00 +2.6 TL 54.10	2 - 1.2 1 - 2.8	Ø 21.965 TL 54.00				
TEIKIN NO. 38193		TEIKIN NO. P 38172				
REFERENCE NO. 13010-RDA-A00						

87

J35A8 — 3500 cc — 6 cyl.

J35A3
3.5L V6



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 8.00 mm

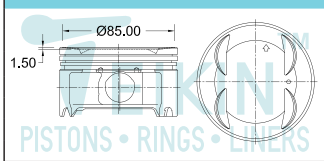
PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 89.00 CD 30.00 +0.9 TL 52.40	2 - 1.2 1 - 2.8	Ø 21.965 TL 54.00				
TEIKIN NO. 38194		TEIKIN NO. P 38172				
REFERENCE NO. 13010-RJA-A00 13020-RJA-A00						

88

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

J35Z3 — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 89.00 CD 30.00 -1.5 TL 51.50	2 - 1.2 1 - 2.8	Ø 21.965 TL 54.00					
TEIKIN NO. 38196		TEIKIN NO. P 38172					
REFERENCE NO. 13010-R72-A00							



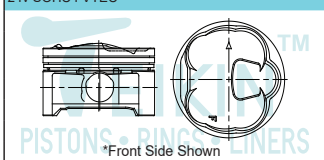
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 8.00 mm

89

J35Y6 — 3471 cc — 6 cyl.

RIDGELINE (2017-2021)
PILOT (2016-2022)
PASSPORT (2019-2022)
ODYSSEY (2018-2022)
TLX (2015-2020), RLX (2014-2020)
MDX (2014-2020)
24v SOHC i-VTEC

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 89.00 CD 30.00 +3.7 TL 55.20	2 - 1.2 1 - 2.0	Ø 21.965 TL 54.00					
TEIKIN NO. 38215		TEIKIN NO. P 38172					
REFERENCE NO. 13050-R9P-A00 (R/L)							

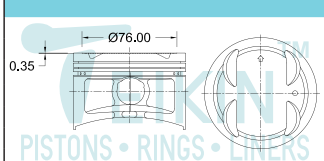


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 9.00 mm

90

C32A — 3206 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 90.00 CD 30.90 -0.4 TL 61.80	2 - 1.2 1 - 2.8	Ø 22.000 TL 57.00					
TEIKIN NO. 38662	TEIKIN NO. R 38662	TEIKIN NO. P 38660					
REFERENCE NO. 13101-PY3-A02 13101-PY3-A00 13101-PY3-000 13102-PY3-A02	REFERENCE NO. 13011-P5G-003 13011-PY3-003/4 13011-PY3-Y01/2 13011-PY3-003						



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 12.50 mm

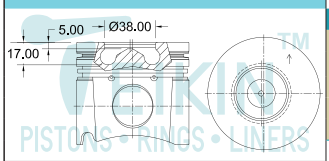
91

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

20T2N/20T2 TURBO — 1994 cc — 4 cyl.

ROVER
ACCORD 2.0 TDI
CIVIC 2.0 TDI

Ø 84.45							
CD 47.97	1 - 3.0 FK	Ø 30.000		TL	158.5	158.5	TEIKIN NO.
-17.0	1 - 2.0	TL 70.00		OD	88.0	88.0	LKSF 38658A
TL 76.97	1 - 3.0			FT	4.0		LKSX 38658A
				FD	90.5		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
38658A	R 38658	P 38658	B 38658	LSF 38658 LSX 38658
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13000-P5T-G00	13011-P5T-G00			K-89536190
A-A350500				
K-94401600				
M-2014500				

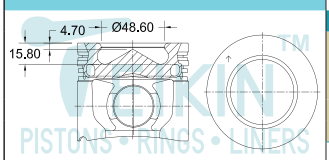
Surface Treatment	Bore Clearance
Chromated	MRC: 0.888 mm
Moly Skirt	MP: 10.50 mm

92

N22A1/N22A2 — 2204 cc — 4 cyl.

ACCORD - CR-V 2.2D
I-CTDI

Ø 85.00							
CD 47.00	1 - 2.0 FK	Ø 30.000		TL	165.0	165.0	TEIKIN NO.
-15.8	1 - 2.0	TL 69.00		OD	89.0	89.0	LKSF 38661AG
TL 73.00	1 - 3.0			FT	4.5		LKSX 38661AG
				FD	91.0		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
38661AG	R 38661	P 38661		LSF 38661 LSX 38661
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
13010-RMA-E00	1301-RMA-E01			
13020-RMA-E00	13011-RSR-E01			
13030-RMA-E00	13021-RMA-E01			
	13021-RSR-E01			

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.050 mm
	MP: 7.00 mm

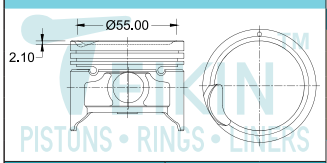
93

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

ATOZ-II — 800 cc — 4 cyl.

Ø 63.00	1 - 1.2	Ø 17.000		TL 122.0		TEIKIN NO.
	1 - 1.5	TL 46.50		OD 67.0		LKSX 51118
CD 26.00						
-2.1	1 - 2.8					
TL 50.00						



TEIKIN NO. 51118	TEIKIN NO. R 51118	TEIKIN NO. P 51117		TEIKIN NO. LSX 51118
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
23410-02510 23410-02511 23410-02901 23410-02902 23410-02903/4	23040-02500 23040-02511			

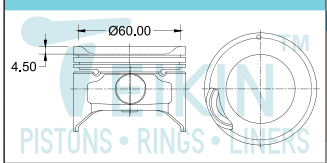
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 11.50 mm

1

ATOZ — 1000 cc — 4 cyl.

55 HP G4HC
L4 SOHC 12 Valv.

Ø 66.00	2 - 1.2	Ø 17.000				
		TL 46.50				
CD 25.00						
-4.5	1 - 2.5					
TL 50.00						



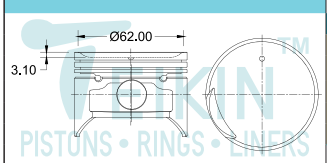
TEIKIN NO. 51117	TEIKIN NO. R 51117	TEIKIN NO. P 51117		
REFERENCE NO.	REFERENCE NO.			
23410-02710 23410-02700 23410-02720 23410-02310 23410-02610	23040-02700 23040-02710 23040-02931/2/5/6			

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 14.00 mm

2

SANTRO XING 1.0 — 1000 cc — 4 cyl.

Ø 66.00	2 - 1.2	Ø 17.000				
		TL 45.00				
CD 25.00						
-3.1	1 - 2.5					
TL 49.70						



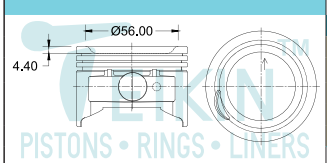
TEIKIN NO. 51141	TEIKIN NO. R 51141	TEIKIN NO. P 48210		
REFERENCE NO.	REFERENCE NO.			
23410-02760				

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 13.00 mm

3

SANTRO XING ERLX 1.1 L — 1100 cc — 4 cyl.

Ø 67.00	2 - 1.2	Ø 17.000				
		TL 46.50				
CD 24.50						
-4.4	1 - 2.0					
TL 48.50						



TEIKIN NO. 51152	TEIKIN NO. R 51152	TEIKIN NO. P 51117		
REFERENCE NO.	REFERENCE NO.			

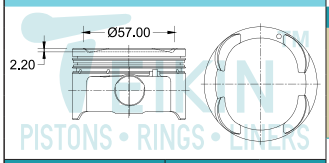
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 13.00 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

KAPPA2 — 1197 cc — 4 cyl.

Ø 71.00	1 - 1.0 1 - 1.2	Ø 18.000 TL 47.50				
CD 26.20 -2.2 TL 44.20	1 - 2.0					
TEIKIN NO. 51140	**TEIKIN NO.** R 51140	**TEIKIN NO.** P 30110				
REFERENCE NO. 23041-03140	**REFERENCE NO.** 23040-03000					



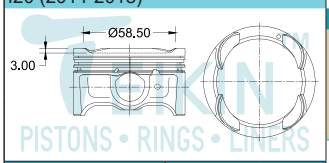
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Moly Skirt	MP: 6.50 mm

5

KAPPA 1.25 MPI — 1248 cc — 4 cyl.

HYUNDAI i10
PICANTO (2015-2017)
GRAND I10 14 (2013-2017)
I10 (2017-2019)
I20 (2014-2018)

Ø 71.00	1 - 1.0 1 - 1.2	Ø 18.000 TL 47.50				
CD 24.70 -3.0 TL 42.70	1 - 2.0					
TEIKIN NO. 51156	**TEIKIN NO.** R 51140	**TEIKIN NO.** P 30110				
REFERENCE NO. 23041-03331 23041-03330 23041-03340 23041-03350	**REFERENCE NO.** 23040-03000					

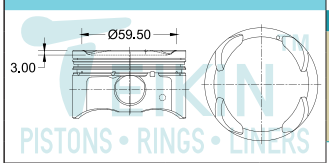


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Moly Skirt	MP: 7.50 mm

6

G4LA-II — 1248 cc — 4 cyl.

Ø 71.00	1 - 1.0 1 - 1.2	Ø 18.000 TL 47.50				
CD 24.70 -3.0 TL 42.70	1 - 2.0					
TEIKIN NO. 51157	**TEIKIN NO.** R 51140	**TEIKIN NO.** P 30110				
REFERENCE NO. 23041-03230 23041-03240 23041-03250	**REFERENCE NO.** 23040-03000 23040-03050					



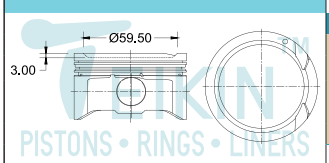
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Moly Skirt	MP: 6.00 mm

7

G4LA — 1248 cc — 4 cyl.

GETZ ~ I10 ~ I20
(08-10)
DOHC 16V

Ø 71.00	1 - 1.0 1 - 1.2	Ø 18.000 TL 47.50				
CD 24.70 -3.0 TL 42.70	1 - 2.0					
TEIKIN NO. 51612	**TEIKIN NO.** R 51140	**TEIKIN NO.** P 30110				
REFERENCE NO. 23041-03200 23041-03210 23041-03220	**REFERENCE NO.** 23040-03000					



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Moly Skirt	MP: 7.00 mm

8

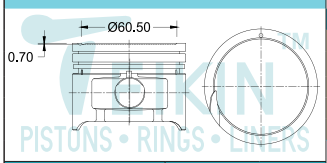
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

X3-II — 1341 cc — 4 cyl.

Ø	71.50
CD	30.80
	-0.7
TL	53.80

RINGS: 2 - 1.5 / 1 - 3.0

PIN: Ø 18.010 / TL 47.50



TEIKIN NO. (PISTON SET)	TEIKIN NO. (RINGS)	TEIKIN NO. (PIN)
51129	R 51129	P 51600

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 9.00 mm

REFERENCE NO. (PISTON SET)	REFERENCE NO. (RINGS)
23410-22712	23040-22300/1/50/51
23410-22971-4	23040-22931/2/5/6/9
23410-22880	23040-22940/61/62

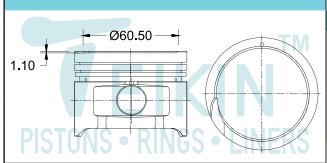
9

X3, G4EH — 1300 cc — 4 cyl.

Ø	71.50
CD	31.20
	-1.1
TL	54.30

RINGS: 2 - 1.5 / 1 - 3.0

PIN: Ø 18.010 / TL 47.50



TEIKIN NO. (PISTON SET)	TEIKIN NO. (RINGS)	TEIKIN NO. (PIN)
51600	R 51129	P 51600

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 9.00 mm

REFERENCE NO. (PISTON SET)	REFERENCE NO. (RINGS)
23410-22360	23040-22300/1/50/51
23410-22350/70	23040-22931/2/5/6/9
23410-22250/60	23040-22940/61/62
23410-22270	
23410-22935/36	

10

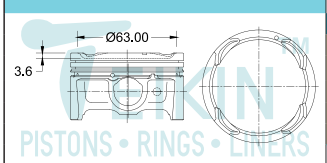
ACCENT 1.4 — 1368 cc — 4 cyl.

ACCENT, I20, I30
(11-)
DOHC 16V

Ø	72.00
CD	24.70
	-3.6
TL	42.70

RINGS: 1 - 1.0 / 1 - 1.2 / 1 - 2.0

PIN: Ø 18.000 / TL 47.50



TEIKIN NO. (PISTON SET)	TEIKIN NO. (RINGS)	TEIKIN NO. (PIN)
51153	R 51153	P 30110

Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 6.00 mm

REFERENCE NO. (PISTON SET)	REFERENCE NO. (RINGS)
23041-03AA0	23040-03AA0
23041-03AA1	
23041-03AB1	
23041-03AC1	

11

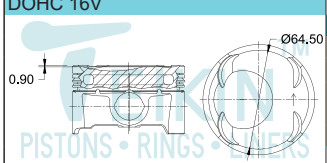
G4LE — 1579 cc — 4 cyl.

KIA NIRO 1.6L GDI HYBRID
IONIQ 1.6L GDI HYBRID
2017-2019
(16-)
DOHC 16V

Ø	72.00
CD	26.60
	-3.6
TL	44.60

RINGS: 1 - 1.0 / 1 - 1.2 / 1 - 2.0

PIN: Ø 18.000 / TL 50.00



TEIKIN NO. (PISTON SET)	TEIKIN NO. (PIN)
51162G	P 45136

Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.50 mm

REFERENCE NO. (PISTON SET)
23041-03HA0
23041-03HB0
23041-03HC0

12

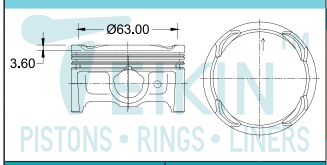
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

G4LC
Accent / Solaris (2017-present) 4 cyl.
I20 (2018 - 2020)

Ø	72.00
CD	24.70
	-3.6
TL	42.70

RINGS
1 - 1.0
1 - 1.2
1 - 2.0

PIN	
Ø	18.000
TL	47.50



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51166	R 51153	P 30110

REFERENCE NO.	REFERENCE NO.
23041-03AB3	23040-03AA0
23041-03AA3	
23041-03AC3	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Moly Skirt	MP: 8.00 mm

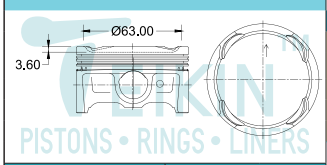
13

G4LC-II 1368 cc
ACCENT (2017-2018) 4 cyl.
RIVER (2017-2021)
SOLUTE (2018-)
STONIC (2020-)

Ø	72.00
CD	24.70
	-3.6
TL	42.70

RINGS
1 - 1.0
1 - 1.2
1 - 2.0

PIN	
Ø	18.000
TL	47.50



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51184		P 30110

REFERENCE NO.
23041-03402

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.50 mm
1st Ring Anodized	

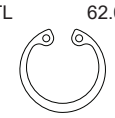
14

D4FA 1493 cc
GETZ 4 cyl.
MATRIX 1.5 CRDI

Ø	75.00
CD	42.00
	-12.3
TL	65.80

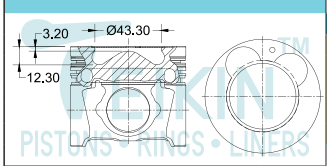
RINGS
2 - 1.75
1 - 3.0

PIN	
Ø	28.000
TL	62.00



TL	142.0	142.0
OD	78.0	78.0
FT	4.0	
FD	80.0	

TEIKIN NO.
LKSF 51150AG
LKSX 51150AG



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51150AG	R 51142	P 51150	B 51142	LSF 51142 LSX 51142

Surface Treatment: None

REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
23410-2A901	23040-2A900	23517-2A600
23410-2A911	23040-2A901	
23410-2A921	23040-2A902	
23410-2A931		
23410-2A941		

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
	MP: 7.50 mm

15

G4EK - ALPHA - F1 1495 cc
G4AE, G4EB 4 cyl.
ACCENT 1500i
CS, RS, SCOUPLE 1.5 LS/GT
12 V

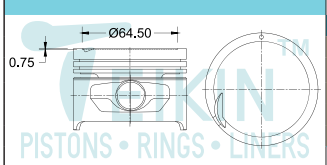
Ø	75.50
CD	31.40
	-0.8
TL	54.40

RINGS
2 - 1.5
1 - 3.0

PIN	
Ø	18.010
TL	47.50

TL		140.0
OD		79.5

TEIKIN NO.
LKSX 51104



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51104	R 51104	P 51600	LSX 51104

Surface Treatment: None

REFERENCE NO.	REFERENCE NO.
23410-22410	23040-22010/50
23410-22450	23040-22901/2/11/12/13/14
23410-22400	23040-22951/2/3/4
23410-22420	23040-22601

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 8.75 mm

16

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

G4FK — 1495 cc — 4 cyl.

ACCENT
1996-98
F.I. DOHC 16V

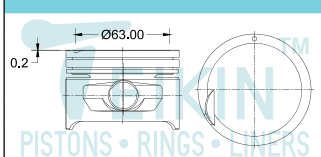
Ø 75.50							
CD 30.50	1 - 1.2	Ø 18.000		TL		140.0	TEIKIN NO.
-4.2	1 - 1.5	TL 47.50		OD		79.5	LKSX 51116
TL 53.50	1 - 3.0						
TEIKIN NO. 51116	TEIKIN NO. R 51116	TEIKIN NO. P 30110		TEIKIN NO. LSX 51104			
				Surface Treatment: None			
REFERENCE NO. 23410-26012, 23410-26913, 23410-26916, 23410-26919	REFERENCE NO. 23010-26001, 23040-26000/1, 23040-26902/3/4/5			REFERENCE NO.			

Surface Treatment	Bore Clearance
None	MRC: 0.020 mm MP: 11.00 mm

17

G4EB — 1500 cc — 4 cyl.

ACCENT
2000-03
F.I. DOHC 12V
90 HP VERNA 03-06



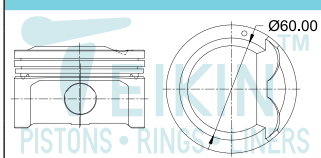
Ø 75.50							
CD 30.70	2 - 1.5	Ø 18.000		TL		140.0	TEIKIN NO.
-0.2	1 - 3.0	TL 47.50		OD		79.5	LKSX 51119
TL 53.70							
TEIKIN NO. 51119	TEIKIN NO. R 51104	TEIKIN NO. P 30110		TEIKIN NO. LSX 51104			
				Surface Treatment: None			
REFERENCE NO. 23410-22612, 23410-22921/22, 23410-22961/62	REFERENCE NO. 23040-22010/50, 23040-22901/2/11/12/13/14, 23040-22951/2/3/4, 23040-22601			REFERENCE NO.			

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 8.75 mm

18

ATTITUDE — 1400 cc — 4 cyl.

G4ED 96CF ATTITUDE 06-09
L4 DOHC 16 VÁLV.

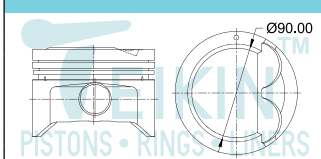


Ø 75.50							
CD 28.70	2 - 1.2	Ø 18.000		TL		140.0	TEIKIN NO.
+2.2	1 - 2.0	TL 47.50		OD		79.5	LKSX 51128
TL 48.00							
TEIKIN NO. 51128	TEIKIN NO. R 51128	TEIKIN NO. P 30110		TEIKIN NO. LSX 51104			
				Surface Treatment: None			
REFERENCE NO. 23410-26400, 23410-26410, 23410-26420, 23410-26940, 23410-26941	REFERENCE NO. 23040-26002, 23040-26400, 23040-26906, 23040-26907			REFERENCE NO.			

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 5.00 mm

19

ACCENT 1.5L — 1500 cc — 4 cyl.



Ø 75.50							
CD 30.50	1 - 1.2	Ø 18.000					
+1.0	1 - 1.5	TL 47.50					
TL 54.50	1 - 3.0						
TEIKIN NO. 51134	TEIKIN NO. R 51134	TEIKIN NO. P 30110					
REFERENCE NO. 23410-22511	REFERENCE NO.						

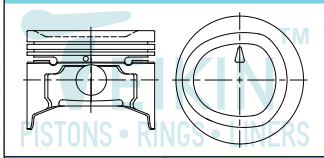
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 11.00 mm

20

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

G4DJ 1468 cc — 4 cyl.
EXCEL
MIRAGE
SOHC 8V

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 75.50	2 - 1.5	Ø 18.000		TL	140.0	TEIKIN NO.
		TL 60.00		OD	79.5	LKSX 51615
CD 29.40						
-3.6	1 - 4.0					
TL 58.60						
TEIKIN NO. 51615	TEIKIN NO. R 51615	TEIKIN NO. P 32601		TEIKIN NO. LSX 51104		
				Surface Treatment: None		
REFERENCE NO. 23410-24100, 23410-24110, 23410-24120, 23410-24911/12, 23410-24913/14	REFERENCE NO. 23040-21110, 23040-24100, 23040-24200, 23040-24221/2			REFERENCE NO.		

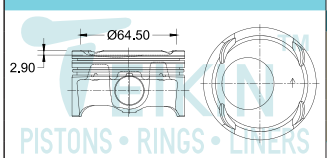


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 18.00 mm

21

G4FP 1598 cc — 4 cyl.
ELANTRA (2021-2023)
KONA (2022-2023)

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 75.60	1 - 1.2	Ø 19.000				
	1 - 1.0	TL 44.00				
CD 26.70						
-4.3	1 - 2.0					
TL 44.20						
TEIKIN NO. 51180A	TEIKIN NO.	TEIKIN NO. P 48208				
REFERENCE NO. 23041-2M751						

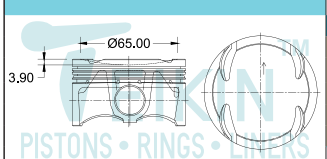


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 5.50 mm

22

G4FL 1497 cc — 4 cyl.
VENUE (2020-2023)
ACCENT (2020-2022)
RIO (2020-2023)

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 75.60	1 - 1.2	Ø 19.000				
	1 - 1.0	TL 39.00				
CD 27.50						
-3.9	1 - 2.0					
TL 44.50						
TEIKIN NO. 51182		TEIKIN NO. P 51182				
REFERENCE NO. 23041-2M002						

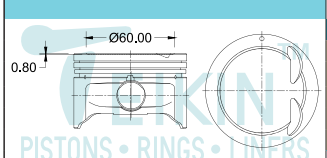


Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 6.50 mm

23

1.6L 1600 cc — 4 cyl.
ACCENT
G4ED

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 76.50	2 - 1.2	Ø 18.000				
		TL 47.50				
CD 28.40						
-0.8	1 - 2.5					
TL 50.40						
TEIKIN NO. 51115	TEIKIN NO. R 51115	TEIKIN NO. P 30110				
REFERENCE NO. 23410-26111	REFERENCE NO. 23040-26101					



Surface Treatment	Bore Clearance
Tin Coated Anodized Crown 1st Ring Anodized	MRC: 0.020 mm MP: 10.50 mm

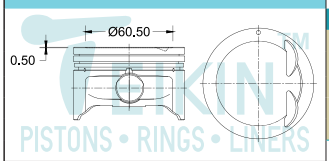
24

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

XD 1600 cc — 4 cyl.

ADVANTE
1600CC DOHC
105 HP VERNA 04-06,
ACCENT 01-09

Ø 76.50	2 - 1.2	Ø 18.010
CD 28.20		TL 47.50
-0.5	1 - 2.0	
TL 50.20		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51121	R 51121	P 51600

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Moly Skirt	MP: 10.50 mm

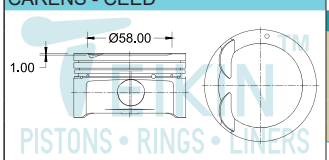
REFERENCE NO.	REFERENCE NO.
23410-26510	23040-26160
23410-23917	23040-26170

25

AVANTE 1.6L 1600 cc — 4 cyl.

ACCENT - ELENTRA
GETZ - I20 - I30
I30CW - IX20 - SB
KIA
CARENS - CEED

Ø 77.00	2 - 1.2	Ø 18.000
CD 26.90		TL 53.00
-1.0	1 - 2.0	
TL 43.90		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51136	R 51136	P 46332

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Moly Skirt	MP: 5.00 mm

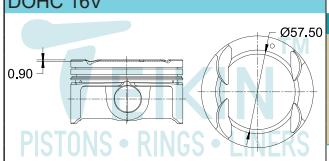
REFERENCE NO.	REFERENCE NO.
23041-2B000	23040-2B000
23041-2B001	23040-2B001
23041-2B020	
23041-2B021	
23041-2B010/11	

26

G4FC-II 1591 cc — 4 cyl.

ELANTRA
I30 ~ VELOSTER
A2 ~ AM ~ SOUL
(11-)
DOHC 16V

Ø 77.00	2 - 1.2	Ø 18.000
CD 26.90		TL 53.00
-0.9	1 - 2.0	
TL 43.90		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51145	R 51155	P 46332

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.50 mm
1st Ring Anodized	

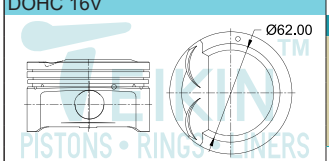
REFERENCE NO.	REFERENCE NO.
23041-2B900	23040-2B600
23041-2B901	23040-2B650
23041-2B910	23040-2B800
23041-2B911	
23041-2B920	

27

G4FA 1394 cc — 4 cyl.

ACCENT ~ GETZ
I20 ~ I30 ~ I30cw
A2 ~ CEED ~ IH
(09-)
DOHC 16V

Ø 77.00	2 - 1.2	Ø 18.000
CD 26.90		TL 53.00
+1.4	1 - 2.0	
TL 45.30		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51149	R 51136	P 46332

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Moly Skirt	MP: 5.00 mm

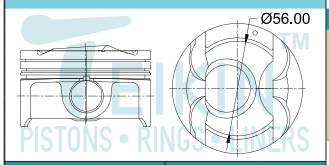
REFERENCE NO.	REFERENCE NO.
23041-2B101	23040-2B000
23041-2B111	23040-2B001
23041-2B121	

28

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

G4FJ 1591 cc — 4 cyl.

ACCENT
I30 ~ I40 ~ IX35
TUCSON ~ VELOSTER
KIA DOHC 16V



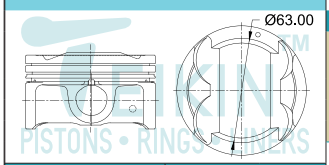
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.00 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 77.00	2 - 1.2	Ø 18.000				
		TL 53.00				
CD 26.90						
+3.0	1 - 2.0					
TL 48.00						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
51155	**R 51155**	**P 46332**				
REFERENCE NO.	**REFERENCE NO.**					
23041-2B600	23040-2B600					
23041-2B610	23040-2B650					
23041-2B620	23040-2B800					

29

G4FA-II 1396 cc — 4 cyl.

GAMMA DOHV
HYUNDAI ACCENT
2014-2015



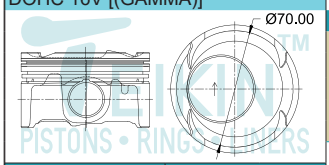
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Moly Skirt	MP: 6.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 77.00	2 - 1.2	Ø 18.000				
		TL 53.00				
CD 26.90						
+1.7	1 - 2.0					
TL 45.60						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
51159	**R 51136**	**P 46332**				
REFERENCE NO.	**REFERENCE NO.**					
23041-2B705	23040-2B000					
	23040-2B001					

30

1.6L GDI — 4 cyl.

2013-2017 HYUN
KIA / L4 / 1.6L / 97
AVANTE (15-18), ELANTRA (15-18)
VELOSTER (11-17), i30 (15-17)
DOHC 16V [(GAMMA)]



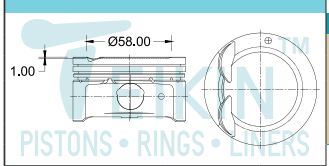
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
	MP: 6.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 77.00	1 - 1.2	Ø 20.000				
	1 - 1.5	TL 52.00				
CD 27.90						
+1.4	1 - 2.0					
TL 46.40						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
51167A	**R 51167**	**P G2101**				
REFERENCE NO.						
23041-2BAA0						

31

G4FC-III 1600 cc — 4 cyl.

RIO 2011-2017



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Tin Coated	MP: 5.00 mm

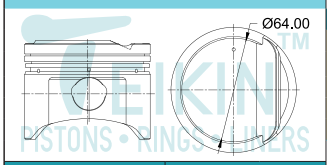
PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 77.00	2 - 1.2	Ø 18.000				
		TL 53.00				
CD 26.90						
-1.0	1 - 2.0					
TL 43.90						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
51176	**R 51136**	**P 46332**				
REFERENCE NO.	**REFERENCE NO.**					
23041-2B300	23040-2B000					
23041-2B310	23040-2B001					
23041-2B320						

32

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

J2 (BETA) 1599 cc
E LANTRA 1.6 GLS — 4 cyl.
DOHC 16 VALVE
1994 - ON

PISTON SET	RINGS	PIN					
Ø 77.40	2 - 1.2	Ø 20.000					
		TL 59.00					
CD 31.00							
+1.8	1 - 2.5						
TL 60.80							
TEIKIN NO. 51101	TEIKIN NO. R 51101	TEIKIN NO. P 51101					
REFERENCE NO. 23410-23100/10/20 23410-23105/15/25 23410-23155/65/75	REFERENCE NO. 23040-23100 23040-23150 23040-23911/2/3						

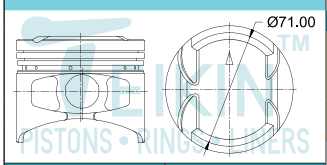


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.40 mm

33

15D 1500 cc
ELANTRA 1.5L — 4 cyl.

PISTON SET	RINGS	PIN					
Ø 79.70	1 - 1.2	Ø 21.000					
	1 - 1.5	TL 66.00					
CD 32.40							
+2.0	1 - 3.0						
TL 66.40							
TEIKIN NO. 51137		TEIKIN NO. P 44121					
REFERENCE NO.							

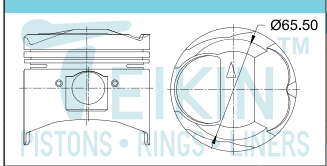


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.50 mm

34

Y2 1800 cc
1800 CC SOHC — 4 cyl.

PISTON SET	RINGS	PIN					
Ø 80.60	2 - 1.5	Ø 21.000		TL		150.0	TEIKIN NO.
		TL 72.50		OD		84.5	LKSX 51125
CD 35.00							
+3.0	1 - 4.0						
TL 74.90							
TEIKIN NO. 51125	TEIKIN NO. R 51125	TEIKIN NO. P 43155		TEIKIN NO. LSX 51125			
				Surface Treatment: None			
REFERENCE NO. 23410-32410 23410-32400 23410-32420 23410-32941	REFERENCE NO. 23040-32410 23040-32945/6/7/8			REFERENCE NO.			

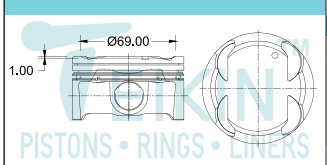


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 19.30 mm

35

ELANTRA 1797 cc
I30 — 4 cyl.
(11-17)
DOHC 16V

PISTON SET	RINGS	PIN					
Ø 81.00	1 - 1.0	Ø 20.000		TL		150.0	TEIKIN NO.
	1 - 1.2	TL 49.00		OD		85.0	LKSX 51146
CD 28.50							
-1.0	1 - 2.0						
TL 46.00							
TEIKIN NO. 51146	TEIKIN NO. R 51148	TEIKIN NO. P 51146		TEIKIN NO. LSX 51146			
				Surface Treatment: None			
REFERENCE NO. 23041-2E100 23041-2E110 23041-2E120	REFERENCE NO. 23040-2E000 23040-2E050 23040-2E910			REFERENCE NO.			



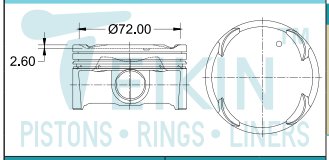
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 6.00 mm

36

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

NU 2.0L

ELANTRA, I40, I45, IX35 — 4 cyl.
SONATA, KIA CANENS, CERATO
OPTIMA RONDO, SOUL SPORTAGE
(11-)
DOHC 16V



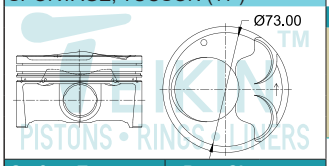
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.00 mm
1st Ring Anodized	

Ø 81.00	1 - 1.0	Ø 20.000				
	1 - 1.2	TL 49.00				
CD 28.50						
-2.6	1 - 2.0					
TL 46.00						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
51148	**R 51148**	**P 51146**				
REFERENCE NO.	**REFERENCE NO.**					
23041-2E010	23040-2E000					
23041-2E020	23040-2E050					
23041-2E920	23040-2E910					
23041-2E000						

37

G4NC 1999 cc

CARENS, CERATO — 4 cyl.
ELANTRA, FORTE
I30, I40, IX35
RONDO, SOUL
SPORTAGE, TUCSON (11-)



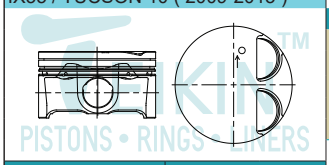
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.00 mm
1st Ring Anodized	

Ø 81.00	1 - 1.0	Ø 20.000				
	1 - 1.2	TL 49.00				
CD 28.50						
+2.6	1 - 2.0					
TL 48.60						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
51160	**R 51160**	**P 51146**				
REFERENCE NO.	**REFERENCE NO.**					
23041-2E200	23040-2E200					
23041-2E210						
23041-2E220						

38

G4NA

CRETA (2017-2019) — 4 cyl.
ELANTRA 11 (2011-2013)
ELANTRA 14 (2013-2015)
ELANTRA 16 (2016-2018)
IX35 / TUCSON 10 (2009-2013)



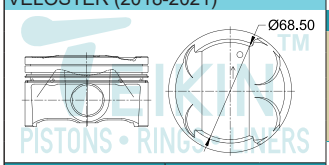
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 8.00 mm
1st Ring Anodized	

Ø 81.00	1 - 1.0	Ø 20.000				
	1 - 1.2	TL 49.00				
CD 28.50						
-2.7	1 - 2.0					
TL 46.00						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
51175	**R 51148**	**P 51146**				
REFERENCE NO.	**REFERENCE NO.**					
23041-2E600	23040-2E000					
23041-2E610	23040-2E050					
23041-2E620	23040-2E910					

39

G4NH 1999 cc

ELANTRA (2015-2020) — 4 cyl.
SELTOS (2021-2022)
KONA (2017-2021)
SOUL (2020-2022)
VELOSTER (2018-2021)



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 8.00 mm
1st Ring Anodized	

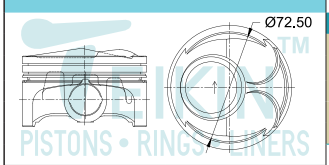
Ø 81.00	1 - 1.0	Ø 20.000				
	1 - 1.2	TL 49.00				
CD 28.50						
+0.8	1 - 2.0					
TL 46.80						
TEIKIN NO.		**TEIKIN NO.**				
51178		**P 51146**				
REFERENCE NO.						
23041-2E811						
23041-2E800						

40

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

G4NG 1999 cc
SONATA HYBRID (2016-2019) 4 cyl.
OPTIMA HYBRID (2017-2020)

Ø 81.00	2 - 1.2	Ø 20.000
		TL 49.00
CD 28.50		
+5.0	1 - 2.0	
TL 50.95		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51181		P 51146

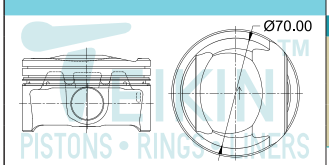
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.50 mm
1st Ring Anodized	

REFERENCE NO.
23041-2E341

41

G4NR 1993 cc
SONATA HYBRID 4 cyl.
(2020-2023)

Ø 81.00	2 - 1.2	Ø 20.000
		TL 45.00
CD 28.50		
+2.3	1 - 2.0	
TL 48.30		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51183		P 51183

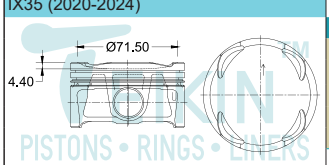
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.00 mm
1st Ring Anodized	

REFERENCE NO.
23041-2J601

42

G4NL 1999 cc
CRETA 20 (2020-)
ELANTRA 20 (2020-)
ALCAZAR 20 (2020-)
CANTUS 20(2020-),
TUCSON(2020-)
I30 SEDAN 20 (2020-)
IX35 (2020-2024)
4 cyl.

Ø 81.00	2 - 1.2	Ø 20.000
		TL 45.00
CD 28.50		
-4.4	1 - 2.0	
TL 46.00		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51185		P 51183

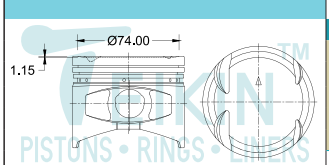
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.50 mm
1st Ring Anodized	

REFERENCE NO.
23041-2J000
23041-2J010
23041-2J020

43

G4DM 1836 cc
G4CN
ELANTRA
1993-95
F.I.,DOHC, 16V
4 cyl.

Ø 81.50	1 - 1.2	Ø 21.000
	1 - 1.5	TL 66.00
CD 34.70		
-1.1	1 - 3.0	
TL 67.00		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51114	R 51114	P 44121

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 16.00 mm

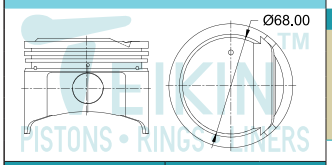
REFERENCE NO.	REFERENCE NO.
23410-33400	23040-33420/30
23410-33410	23040-33955/6/7/8
23410-33420	23040-33971/2/3/4
23410-33440	23040-38000

44

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

G4DR - BETA - J2 — 1836 cc — 4 cyl.

G4GB
ELANTRA 1.8 GLi 1994-ON
TIBURON 1996-1998



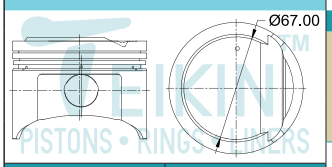
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 82.00 CD 31.10 +2.1 TL 63.20	2 - 2.0 1 - 4.0	Ø 20.000 TL 59.00				
TEIKIN NO. 51105		TEIKIN NO. P 51101				
REFERENCE NO.						

45

G4DR - BETA - J2 - II — 1800 cc — 4 cyl.

G4GM
LAVITA
ADVANTE 1.8L



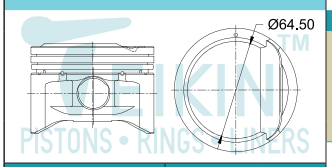
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 82.00 CD 30.90 +2.2 TL 63.20	2 - 1.2 1 - 2.5	Ø 20.000 TL 59.00				
TEIKIN NO. 51120	TEIKIN NO. R 51120	TEIKIN NO. P 51101				
REFERENCE NO. 23410-23010 23410-23060 23410-23901/02 23410-23931/32	REFERENCE NO. 23040-2300/50 23040-23100/200 23040-23911/12/13/21 23040-23922/51/52/53/54					

46

MATRIX 1.8L — 1800 cc — 4 cyl.

MATRIX 1.8L

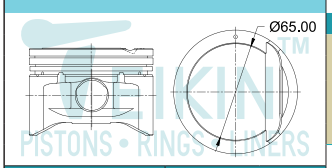


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 10.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 82.00 CD 31.00 +1.9 TL 59.40	2 - 1.2 1 - 2.5	Ø 20.000 TL 59.00				
TEIKIN NO. 51122		TEIKIN NO. P 51101				
REFERENCE NO. 23410-23610						

47

2.0L — 2000 cc — 4 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 10.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 82.00 CD 31.00 +0.3 TL 57.80	2 - 1.2 1 - 2.5	Ø 20.000 TL 59.00				
TEIKIN NO. 51127	TEIKIN NO. R 51120	TEIKIN NO. P 51101				
REFERENCE NO. 23410-23710 23410-23711 23410-23941 23410-23942	REFERENCE NO. 23040-2300/50 23040-23100/200 23040-23911/12/13/21 23040-23922/51/52/53/54					

48

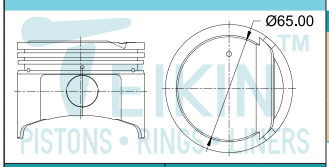
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

G4GF — 1975 cc — 4 cyl.

Ø	82.00
CD	31.00
	+1.0
TL	62.00

RINGS: 2 - 1.2 / 1 - 2.5

PIN: Ø 20.000, TL 59.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51131	R 51120	P 51101

REFERENCE NO.	REFERENCE NO.
23410-23210	23040-2300/50 23040-23100/200 23040-23911/12/13/21 23040-23922/51/52/53/54

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.00 mm

49

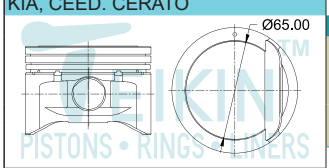
G4GC — 1975 cc — 4 cyl.

2.0L EFI DOHC 16V
COUPLE, ELANTRA
I30, I30CW
TIBURON, TUCSON
KIA, CEED. CERATO

Ø	82.00
CD	31.00
	+0.3
TL	57.80

RINGS: 2 - 1.2 / 1 - 2.0

PIN: Ø 20.000, TL 59.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51151	R 51151	P 51101

REFERENCE NO.	REFERENCE NO.
23410-23AA1	23040-23300 23040-23400 23040-23971 23040-23972

Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 10.00 mm

50

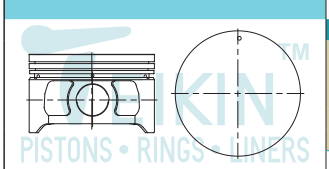
G6BV DELTA — 2493 cc — 6 cyl.

SONATA
OPTIMA
F.I., DOHC 24V
1999-2001

Ø	84.00
CD	30.60
TL	52.50

RINGS: 2 - 1.2 / 1 - 2.5

PIN: Ø 21.000, TL 59.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51111	R 51111	P 45131

REFERENCE NO.	REFERENCE NO.
23410-37120	23040-37200

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 8.75 mm

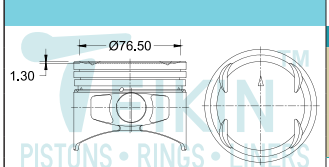
51

G4JP — 1997 cc — 4 cyl.

Ø	85.00
CD	34.70
	-1.3
TL	66.60

RINGS: 1 - 1.2 / 1 - 1.5 / 1 - 2.8

PIN: Ø 22.000, TL 62.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51130	R 51130	P 43222

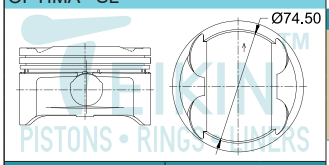
REFERENCE NO.	REFERENCE NO.
23410-38190 23410-38920 23410-38921	23040-38100 23040-38110 23040-38920/1 23040-38940/1

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.50 mm

52

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

G4KD 1998 cc
GF10 - IX35 — 4 cyl.
SONATA NF - TUCSON
KIA
CERATO - FORTE
OPTIMA - SL

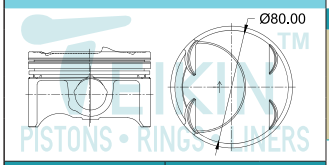


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Moly Skirt	MP: 9.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 86.00	2 - 1.2	Ø 21.000				
CD 27.50		TL 59.00				
+1.0	1 - 2.0					
TL 51.50						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
51144	**R 51144**	**P 45131**				
REFERENCE NO.	**REFERENCE NO.**					
23410-2G000	23040-2G000					
23410-2G010						
23410-2G020						

53

G4KH 1998 cc
HYUNDAI SANTA FE 12 (12-16) — 4 cyl.
HYUNDAI SONATA 10 (10-14)
KIA OPTIMA (11-15)
KIA SPORTAGE (12-13)

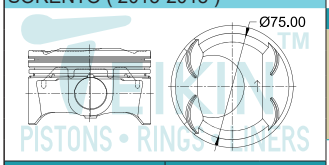


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
	MP: 9.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 86.00	1 - 1.2	Ø 22.000		TL	165.0	**TEIKIN NO.**
	1 - 1.5	TL 58.00		OD	92.0	**LKSX 51165A**
CD 30.00						
+3.4	1 - 2.0					
TL 56.40						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**		
51165A	**R 51165**	**P 43290**		**LSX 51165**		
				Surface Treatment		
				None		
REFERENCE NO.	**REFERENCE NO.**			**REFERENCE NO.**		
23410-2G400	23040-2G400					
23410-2G410	23040-2G401					
23410-2G420						

54

G4KH-II
SANTA FE (2019-2020) — 4 cyl.
SANTA FE SPORT (2016-2018)
SONATA (2015-2019)
OPTIMA (2016-2020)
SORENTO (2015-2018)

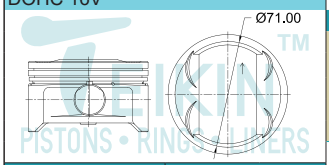


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
	MP: 7.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 86.00	2 - 1.2	Ø 22.000				
		TL 58.00				
CD 30.00						
+1.4	1 - 2.0					
TL 53.40						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
51174A	**R 51144**	**P 43290**				
REFERENCE NO.	**REFERENCE NO.**					
23410-2G470	23040-2G000					
23410-2G450	23040-25000					
23410-2G460	23040-25050					
	23040-2C400					

55

G4KA 1998 cc
SONATA NF — 4 cyl.
KIA
CARENS ~ MAGENTIS
OPTIMA ~ RONDO
DOHC 16V



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
	MP: 21.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 86.00	2 - 1.2	Ø 21.000				
		TL 58.00				
CD 27.50						
+1.4	1 - 2.0					
TL 51.90						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
51621	**R 51144**	**P 51621**				
REFERENCE NO.	**REFERENCE NO.**					
23410-25001	23040-2G000					
23410-25011	23040-25000					
23410-25021	23040-25050					
	23040-2C400					

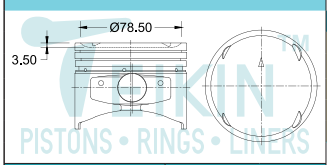
56

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

G6BV
G4JS — 4 cyl.

Ø 86.50						
CD 34.60	1 - 1.2	Ø 22.000		TL		155.0
-3.5	1 - 1.5	TL 62.00		OD		90.0
TL 66.70	1 - 2.8					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
51110	R 51110	P 43222		LSX 51110		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		
23410-38210	23040-38200					
23410-38290						
23411-38200						

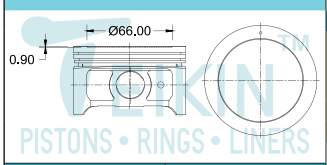
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.50 mm

TEIKIN NO. LKSX 51110

57

G6BA — 2657 cc
SONATA
SANTA FE, OPTIMA
F.I., DOHC 24V
2000-02 — 6 cyl.

Ø 86.70						
CD 30.50	2 - 1.2	Ø 21.000				
-0.9	1 - 2.5	TL 59.00				
TL 54.00						



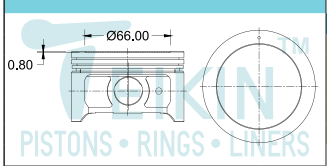
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
51113	R 51113	P 45131				
REFERENCE NO.	REFERENCE NO.					
23410-37310	23040-37300/400					
	23040-37932/41/42					
	23040-3E102					

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 9.00 mm

58

DELTA 2.7L
DELTA 2.7L — 6 cyl.

Ø 86.70						
CD 30.50	2 - 1.2	Ø 21.000				
-0.8	1 - 2.0	TL 59.00				
TL 54.00						



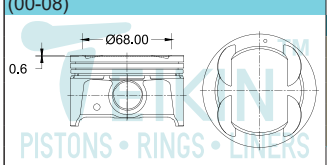
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
51124	R 51138	P 45131				
REFERENCE NO.	REFERENCE NO.					
23410-37300	23040-3E001					

Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 9.00 mm

59

SANTA FE — 2657 cc
COUPLE
SONATA EF
TIBURON
TRAJET ~ TUCSON
(00-08) — 6 cyl.

Ø 86.70						
CD 30.50	2 - 1.2	Ø 21.000				
-0.6	1 - 2.0	TL 59.00				
TL 54.00						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
51138	R 51138	P 45131				
REFERENCE NO.	REFERENCE NO.					
23410-3E001	23040-3E001					

Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 9.50 mm

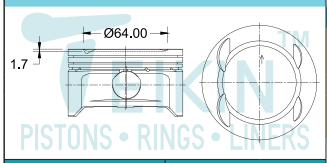
60

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

SONATA 2.4L — 2400 cc — 4 cyl.

THETA 2.4 MPI
SONATA NF
THETA FF
KIA OPTIMA - RONDO

Ø 88.00	2 - 1.2	Ø 21.000		TL 165.0		TEIKIN NO.
CD 27.50		TL 59.00		OD 92.0		LKSX 51135
-1.7	1 - 2.0					
TL 51.50						



TEIKIN NO. 51135	TEIKIN NO. R 51135	TEIKIN NO. P 45131		TEIKIN NO. LSX 51135
				Surface Treatment: None

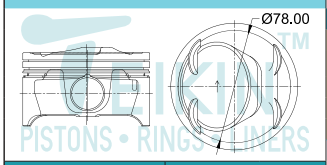
Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
Tin Coated	MRC: 0.030 mm	23410-25201	23040-25200	
Moly Skirt	MP: 10.00 mm	23410-25210	23040-25250	
		23410-25211	23040-2G200	

61

G4KC — 2359 cc — 4 cyl.

I45 SANTA FE, SONATA
KIA OPTIMA, SORETO
(10-13)
DOHC 16V

Ø 88.00	2 - 1.2	Ø 22.000				
CD 28.50		TL 52.00				
+3.7	1 - 2.0					
TL 54.70						



TEIKIN NO. 51161	TEIKIN NO. R 51135	TEIKIN NO. P 55106		

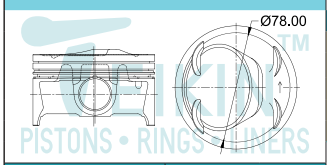
Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
Moly Skirt	MRC: 0.030 mm	23410-2G500	23040-25200	
Anodized Crown	MP: 9.00 mm	23410-2G510	23040-25250	
1st Ring Anodized		23410-2G520	23040-2G200	

62

G4KJ 2.4 GDI — 2359 cc — 4 cyl.

SANTA FE (2019-2020)
TUCSON (2014-2020)
SANTA FE SPORT (2013-2018)
SONATA (2014-2019)

Ø 88.00	2 - 1.2	Ø 22.000				
CD 28.50		TL 52.00				
+3.6	1 - 2.0					
TL 54.60						



TEIKIN NO. 51164	TEIKIN NO. R 51135	TEIKIN NO. P 55106		

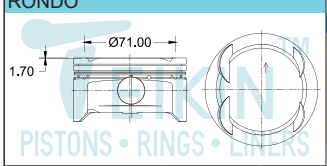
Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
Moly Skirt	MRC: 0.030 mm	23410-2G501	23040-25200	
Anodized Crown	MP: 10.00 mm	23410-2G521	23040-25250	
1st Ring Anodized		23410-2G511	23040-2G200	

63

G4KE / G4KG — 2359 cc — 4 cyl.

AZERA - IX35
SANTA FE - TUCSON
KIA
OPTIMA
RONDO

Ø 88.00	2 - 1.2	Ø 21.000		TL 165.0		TEIKIN NO.
CD 27.50		TL 57.50		OD 92.0		LKSX 51613
-1.7	1 - 2.0					
TL 51.50						



TEIKIN NO. 51613	TEIKIN NO. R 51135	TEIKIN NO. P 45152		TEIKIN NO. LSX 51135
				Surface Treatment: None

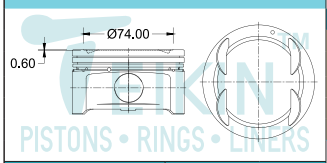
Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
Tin Coated	MRC: 0.030 mm	23410-2G200	23040-25200	
Moly Skirt	MP: 10.00 mm	23410-2G210	23040-25250	
		23410-2G220	23040-2G200	
		23410-2G221		

64

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

SONATA 3.3L — 3300 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 92.00 CD 30.70 -0.6 TL 51.80	2 - 1.2 1 - 2.0	Ø 23.000 TL 63.00				
TEIKIN NO. 51133		TEIKIN NO. P 51132				
REFERENCE NO.						



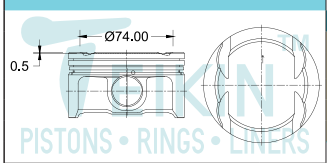
Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 6.50 mm

65

G6DB — 3300 cc — 6 cyl.

3342 CC
SONATA 2006-

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 92.00 CD 30.70 -0.5 TL 52.00	2 - 1.2 1 - 2.0	Ø 23.000 TL 64.00				
TEIKIN NO. 51139	TEIKIN NO. R 51139	TEIKIN NO. P 55102				
REFERENCE NO.	REFERENCE NO.					

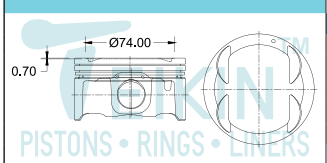


Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 6.50 mm

66

G6DB-II — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 92.00 CD 30.70 -0.7 TL 51.80	2 - 1.2 1 - 2.0	Ø 22.000 TL 58.00				
TEIKIN NO. 51147		TEIKIN NO. P 43290				
REFERENCE NO. 23041-3C502						



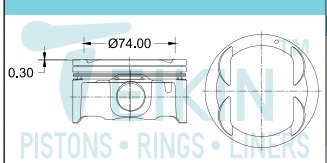
Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 7.50 mm

67

G6DB-III — 6 cyl.

CARNIVAL (2014-)
SANTA FE (2015-2019)
GRAND SANTA FE (2013-2019)

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 92.00 CD 30.70 -0.3 TL 51.80	2 - 1.2 1 - 2.0	Ø 22.000 TL 58.00				
TEIKIN NO. 51168		TEIKIN NO. P 43290				
REFERENCE NO. 23041-3CDA0						



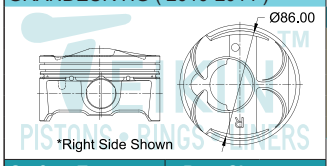
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.50 mm

68

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

G6DG

ASLAN (2014-2017) — 6 cyl.
GENESIS 14 (2013-2016)
GENESIS/ROHENS 07 (2008-2014)
GRAND SANTA FE (2016-2018)
GRANDEUR HG (2010-2014)



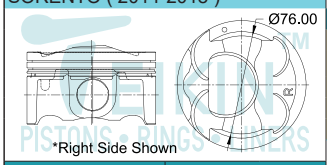
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.00 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 92.00 CD 29.10 +5.7 TL 55.70	2 - 1.2 1 - 2.0	Ø 22.000 TL 58.00				
TEIKIN NO. 51170		TEIKIN NO. P 43290				
REFERENCE NO. 23041-3CEM0 (R) 23041-3CEA0 (L)						

69

G6DH

AZERA (2011-2016) — 6 cyl.
SANTA FE (2013-2018)
SANTA FE XL (2019)
SEDONA (2015-2018)
SORENTO (2014-2018)



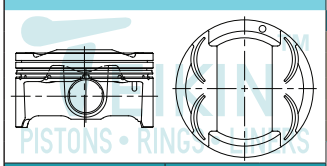
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 8.00 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 92.00 CD 30.70 +4.7 TL 56.50	2 - 1.2 1 - 2.0	Ø 22.000 TL 58.00				
TEIKIN NO. 51171		TEIKIN NO. P 43290				
REFERENCE NO. 23041-3CFM0 (R) 23041-3CFA0 (L) 23041-3CFN0/B0 (R/L) 23041-3CFP0/C0 (R/L) 23041-3CZR0/N0 (R/L)						

70

G6DG-II 2999 cc

GRANDEUR / AZERA (2011-2019) — 6 cyl.



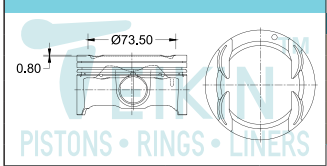
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.00 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 92.00 CD 29.10 +2.0 TL 52.00	2 - 1.2 1 - 2.0	Ø 22.000 TL 58.00				
TEIKIN NO. 51173	TEIKIN NO. R 51173	TEIKIN NO. P 43290				
REFERENCE NO. 23041-3CCA0 23041-3CCB0 23041-3CCC0 23041-3CZD0	REFERENCE NO. 23040-3C101 23040-3C150 23040-3CAA0 23040-3CZA0					

71

G6DC 3.5 MPI 3470 cc

SANTA FE (2009-2012) — 6 cyl.
SORENTO (2011-2013)
SEDONA (2011-2014)
GRANDEUR / AZERA (2017-2019)



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.50 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 92.00 CD 29.10 -0.8 TL 50.05	2 - 1.2 1 - 2.0	Ø 22.000 TL 58.00				
TEIKIN NO. 51177	TEIKIN NO. R 51173	TEIKIN NO. P 43290				
REFERENCE NO. 23041-3CAA1	REFERENCE NO. 23040-3C101 23040-3C150 23040-3CAA0 23040-3CZA0					

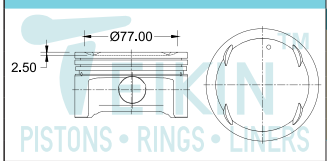
72

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

XG350 — 3497 cc — 6 cyl.

SANTA FE (2000-2006)
XG300 (2000-2001)
XG350 (2002-2005)

Ø 93.00	2 - 1.5	Ø 22.000		TL 195.0	TEIKIN NO.
CD 31.20		TL 64.00		OD 97.0	LKSX 51123
-2.5	1 - 3.0				
TL 54.20					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
51123	R 51123	P 43220		LSX 51123

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 8.00 mm

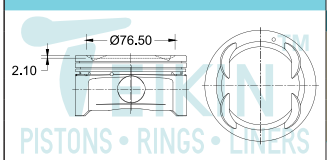
REFERENCE NO.	REFERENCE NO.			Surface Treatment: None REFERENCE NO.
23410-39810 23400-39810 23400-39811/12 23400-39981/82 23400-39983/84	23040-39500/800 23040-39951/2 23040-39981/2			

73

SONATA 3.8L — 3800 cc — 6 cyl.

LAMBDA

Ø 96.00	2 - 1.2	Ø 23.000			
CD 29.10		TL 63.00			
-2.1	1 - 2.0				
TL 52.00					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
51132	R 51132	P 51132		

Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 9.00 mm

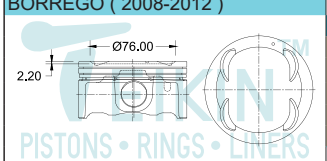
REFERENCE NO.	REFERENCE NO.			
23041-3C214				

74

G6DA-II — 3778 cc — 6 cyl.

VERACRUZ (2009-2012)
AZERA (2008-2011)
GENESIS (2009-2011)
SEDONA (2010)
BORREGO (2008-2012)

Ø 96.00	2 - 1.2	Ø 22.000			
CD 29.10		TL 58.00			
-2.2	1 - 2.0				
TL 50.50					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
51169	R 51169	P 43290		

Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 8.00 mm

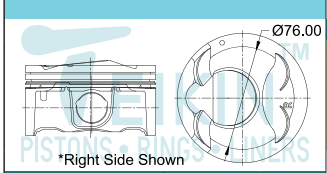
REFERENCE NO.	REFERENCE NO.			
23041-3C612 23041-3C602 23041-3C622 23041-3C942 23041-3C962	23040-3C200 23040-3C201 23040-3C920 23040-3C940			

75

G6DJ — 3778 cc — 6 cyl.

GENESIS G80 (2017)
GENESIS (2012-2016)
GENESIS COUPE (2012-2016)
K900 (2016-2017)

Ø 96.00	2 - 1.2	Ø 22.000			
CD 31.50		TL 58.00			
+3.6	1 - 2.0				
TL 55.60					



TEIKIN NO.		TEIKIN NO.		
51172		P 43290		

Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 6.50 mm

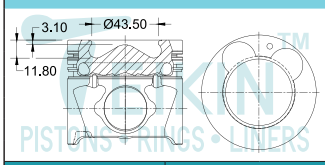
REFERENCE NO.				
23041-3CHN0 (R) 23041-3CHA0 (L) 23041-3CHM0/HP0/ZX0/ZW0 (R) 23041-3CHB0/HC0/ZT0/ZS0 (L)				

76

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

i20 MAGNA CRDi
3 cyl.

Ø 75.00	2 - 1.75	Ø 28.000		TL 142.0	142.0	TEIKIN NO.
CD 44.70		TL 61.00		OD 78.0	78.0	LKSF 51142AG-3
-11.8	1 - 3.0			FT 4.0		LKSX 51142AG-3
TL 68.40				FD 80.0		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51142AG-3	R 51142-3	P 44671	B 51142-3	LSF 51142 LSX 51142
				Surface Treatment: None

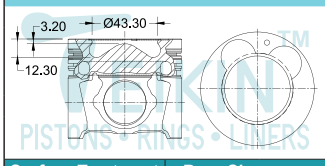
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
23410-2A951	23040-2A900		23517-2A600	
23410-2A950	23040-2A901		23517-2A610	
23410-2A952	23040-2A902		23517-2A700	

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 8.00 mm

77

D4FA
GETZ
MATRIX 1.5 CRDI
3 cyl.

Ø 75.00	2 - 1.75	Ø 28.000		TL 142.0	142.0	TEIKIN NO.
CD 42.00		TL 62.00		OD 78.0	78.0	LKSF 51150AG-3
-12.3	1 - 3.0			FT 4.0		LKSX 51150AG-3
TL 65.80				FD 80.0		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51150AG-3	R 51142-3	P 51150	B 51142-3	LSF 51142 LSX 51142
				Surface Treatment: None

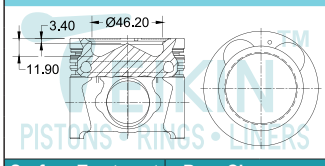
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
23410-2A901	23040-2A900		23517-2A600	
23410-2A911	23040-2A901		23517-2A610	
23410-2A921	23040-2A902		23517-2A700	
23410-2A931				
23410-2A941				

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
	MP: 7.50 mm

78

i10 GRAND
3 cyl.

Ø 75.00	2 - 1.75	Ø 28.000				
CD 41.90		TL 62.00				
-11.9	1 - 3.0					
TL 65.70						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
51158AG		P 51150		

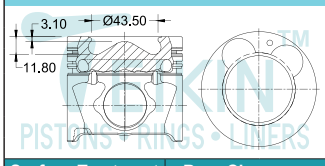
REFERENCE NO.	REFERENCE NO.			

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.050 mm
	MP: 7.00 mm

79

i20 MAGNA CRDi 1396 cc
4 cyl.

Ø 75.00	2 - 1.75	Ø 28.000		TL 142.0	142.0	TEIKIN NO.
CD 44.70		TL 61.00		OD 78.0	78.0	LKSF 51142AG
-11.8	1 - 3.0			FT 4.0		LKSX 51142AG
TL 68.40				FD 80.0		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51142AG	R 51142	P 44671	B 51142	LSF 51142 LSX 51142
				Surface Treatment: None

REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
23410-2A951	23040-2A900		23517-2A600	
23410-2A950	23040-2A901			
23410-2A952	23040-2A902			

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 8.00 mm

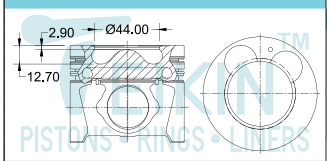
80

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

D4FB 1582 cc — 4 cyl.

1.6L CRDi DOHC 16v
10/2007
ACCENT ~ ECANTRA
I20 ~ I30 ~ I30CW

Ø 77.20							
CD 41.90	2 - 1.75	Ø 28.000		TL 140.0	140.0	TEIKIN NO.
-12.7		TL 64.00		OD 81.2	81.2	LKSF 51154AG
TL 65.70	1 - 3.0			FT 3.0		LKSX 51154AG
				FD 83.0		
TEIKIN NO. 51154AG	TEIKIN NO. R 51154	TEIKIN NO. P 51154	TEIKIN NO. B 51154	TEIKIN NO. LSF 51154 LSX 51154		
				Surface Treatment: None		
REFERENCE NO. 23410-2A967 23410-2A957 23410-2A977 23410-2A987 23410-2A997	REFERENCE NO. 23040-2A903 23040-2A913 23040-2A923 23040-2A960/1/2		REFERENCE NO. 23517-2A700	REFERENCE NO.		

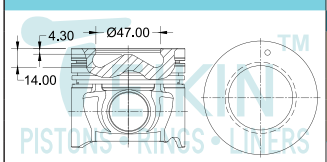


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 8.00 mm

81

D3EA 1493 cc — 3 cyl.

Ø 83.00							
CD 46.30	1 - 2.0 FK	Ø 28.000		TL 153.5	153.5	TEIKIN NO.
-14.0	1 - 2.0	TL 65.50		OD 86.0	86.0	LKSF 51604A
TL 72.30	1 - 3.0			FT 4.8		LKSX 51604A
				FD 89.0		
TEIKIN NO. 51604A *W/ Insert Bush	TEIKIN NO. R 51604	TEIKIN NO. P 51604	TEIKIN NO. B 51604	TEIKIN NO. LSF 51604 LSX 51604		
				Surface Treatment: None		
REFERENCE NO. 23410-27901/3/4 23410-27921 23410-27923 23410-27924	REFERENCE NO. 23040-27900/1/2 23040-27910/1/2 23040-27920/1/2 23040-27950		REFERENCE NO. 23517-27000	REFERENCE NO.		

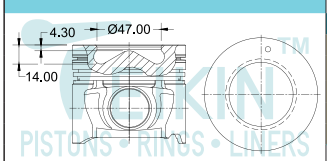


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

82

D4EA 1991 cc — 4 cyl.

Ø 83.00							
CD 46.30	1 - 2.0 FK	Ø 28.000		TL 153.5	153.5	TEIKIN NO.
-14.0	1 - 2.0	TL 65.50		OD 86.0	86.0	LKSF 51604A-4
TL 72.30	1 - 3.0			FT 4.8		LKSX 51604A-4
				FD 89.0		
TEIKIN NO. 51604A-4 *W/ Insert Bush	TEIKIN NO. R 51604-4	TEIKIN NO. P 51604	TEIKIN NO. B 51604-4	TEIKIN NO. LSF 51604-4 LSX 51604-4		
				Surface Treatment: None		
REFERENCE NO. 23410-27921 23410-27901/3/4 23410-27923 23410-27924	REFERENCE NO. 23040-27900/1/2 23040-27910/1/2 23040-27920/1/2 23040-27950		REFERENCE NO. 23517-27000	REFERENCE NO.		



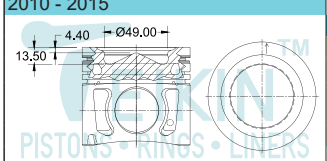
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

83

D4HA 1995 cc — 4 cyl.

2.0 CDRI
IX35, TUCSON
SANTA FE 10
SANTA FE 12
2010 - 2015

Ø 84.00							
CD 48.90	1 - 2.5 FK	Ø 34.000		TL 172.0	150.0	TEIKIN NO.
-13.5	1 - 2.0	TL 65.00		OD 88.0	88.0	LKSF 51163AG
TL 75.90	1 - 3.0			FT 4.0		LKSX 51163AG
				FD 92.0		
TEIKIN NO. 51163AG	TEIKIN NO. R 51163	TEIKIN NO. P 46348	TEIKIN NO. B 51163	TEIKIN NO. LSF 51163 LSX 51163		
				Surface Treatment: None		
REFERENCE NO. 23410-2F930 23410-2F931 23410-2F932	REFERENCE NO. 23040-2F900 23040-2F930		REFERENCE NO. 23517-2F000	REFERENCE NO.		



Surface Treatment	Bore Clearance
Chromated Moly Skirt	MRC: 0.070 mm MP: 7.00 mm

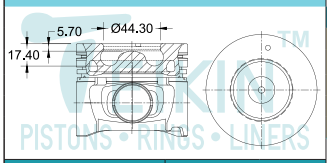
84

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

D4EB-F/D4EB-G — 2188 cc — 4 cyl.

SANTA FE 2.2 CRDI

Ø 87.00	1 - 2.5 FK	Ø 28.000		TL	162.0	162.0	TEIKIN NO.
	1 - 2.0	TL 72.00		OD	91.0	91.0	LKFF 51605AG
CD 46.30				FT	4.0		LKSF 51605AG
-17.4	1 - 3.0			FD	92.5		LKSX 51605AG
TL 72.30							



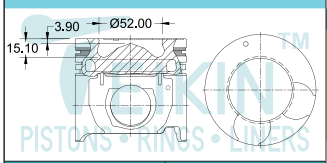
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51605AG	R 51605	P 51605	B 51604-4	LFF 51605 LSF 51605 LSX 51605
*W/ Insert Bush				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
23410-27940 23410-27941 23410-27942 23410-27943 23410-27944	23040-27940 23040-27941 23040-27942		23517-27000	

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.070 mm MP: 7.50 mm

85

D4CB CRDI — 2497 cc — 4 cyl.

Ø 91.00	1 - 2.5 HK	Ø 33.000		TL	170.5	170.5	TEIKIN NO.
	1 - 2.0	TL 75.00		OD	94.2	94.2	LKSF 51603AG
CD 54.30				FT	2.0		LKSX 51603AG
-15.1	1 - 3.0			FD	98.2		
TL 83.80							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51603AG	R 51603	P 51603	B 51603	LSF 51603 LSX 51603
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
23410-4A900/1/2 23410-4A910/1/2/3/4	23040-4A900/1/2 23040-4A910/1/2 23040-4A920 23040-4A940		23515-4A000 23515-4A010	21131-4A000

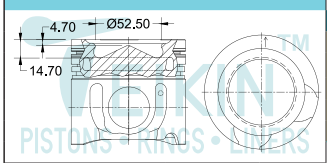
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.070 mm MP: 9.00 mm

86

D4CB TCi — 2497 cc — 4 cyl.

H1 - H100
2012-

Ø 91.00	1 - 2.5 HK	Ø 33.000		TL	170.5	170.5	TEIKIN NO.
	1 - 2.0	TL 74.00		OD	94.2	94.2	LKSF 51608AG
CD 54.20				FT	2.0		LKSX 51608AG
-14.7	1 - 3.0			FD	98.2		
TL 83.70							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51608AG	R 51603	P 51603	B 51603	LSF 51603 LSX 51603
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
23410-4A950 23410-4A951 23410-4A952	23040-4A900/1/2 23040-4A910/1/2 23040-4A920 23040-4A940		23515-4A000 23515-4A010	21131-4A000

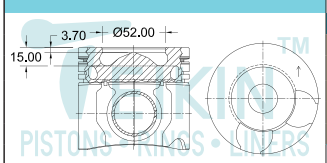
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.090 mm MP: 9.00 mm

87

D4CB TCi-II — 2497 cc — 4 cyl.

H1
2007- 2008

Ø 91.00	1 - 2.5 HK	Ø 33.000		TL	170.5	170.5	TEIKIN NO.
	1 - 2.0	TL 74.00		OD	94.15	94.2	LKSF 51619AG
CD 54.20				FT	2.0		LKSX 51619AG
-15.0	1 - 3.0			FD	98.15		
TL 83.70							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51619AG	R 51603	P 51619	B 51603	LSF 51603 LSX 51603
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
23410-4A920 23410-4A921/22 23410-4A923/24 23410-4A940 23410-4A941/42	23040-4A900/1/2 23040-4A910/1/2 23040-4A920 23040-4A940		23515-4A000 23515-4A010	21131-4A000

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.090 mm MP: 10.00 mm

88

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

D4BB 2600 cc — 4 cyl.

T2
MITSUBISHI 4D57

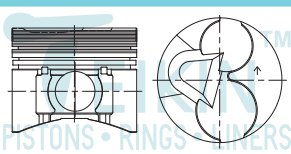
Ø 91.10		
CD	46.20	
	-3.2	
TL	76.20	

2 - 2.0
1 - 3.0

Ø	29.000
TL	75.00

		FLANGED	NO FLANGE
TL		165.0	165.0
OD		94.2	94.2
FT	2.0		
FD		98.1	

TEIKIN NO.
LKFX 51102
LKSF 51102
LKSX 51102
LKFX 51102A
LKSF 51102A
LKSX 51102A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51102 51102A	R 51102	P 43171	B 51102	LFX 51102 LSF 51102 LSX 51102
				Surface Treatment: None
REFERENCE NO. 23410-42701 23410-42711 23410-42721 23410-42202	REFERENCE NO. 23040-42200 23040-42202 23040-42210		REFERENCE NO. MD050009 23517-42001	REFERENCE NO. 21131-42001

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Moly Skirt	MP: 11.80 mm

89

D4BA 2400 cc — 4 cyl.

Ø 91.10		
CD	48.70	
	-3.3	
TL	88.70	

2 - 2.0
1 - 3.0

Ø	29.000
TL	75.00

		FLANGED	NO FLANGE
TL		165.0	165.0
OD		94.2	94.2
FT	2.0		
FD		98.1	

TEIKIN NO.
LKFX 51108
LKSF 51108
LKSX 51108
LKFX 51108A
LKSF 51108A
LKSX 51108A

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51108 51108A	R 51102	P 43171	B 51102	LFX 51102 LSF 51102 LSX 51102
				Surface Treatment: None
REFERENCE NO. 23410-42201 23410-42211 23410-42221 23410-42411	REFERENCE NO. 23040-42200 23040-42202 23040-42210		REFERENCE NO. MD050009 23517-42001	REFERENCE NO. 21131-42001

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 18.50 mm

90

D4BH 2476 cc — 4 cyl.

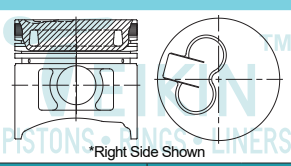
Ø 91.10		
CD	48.70	
	-2.7	
TL	88.70	

1 - 2.5 HK 1 - 2.0 HK
1 - 4.0

Ø	29.000
TL	75.00

		FLANGED	NO FLANGE
TL		165.0	165.0
OD		94.2	94.2
FT	2.0		
FD		98.1	

TEIKIN NO.
LKFX 51606AG
LKSF 51606AG
LKSX 51606AG



*Right Side Shown

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51606AG	R 51606	P 43171	B 51102	LFX 51102 LSF 51102 LSX 51102
				Surface Treatment: None
REFERENCE NO. 23410-42500(R/L) 23410-42520 23410-42600 23410-42630 23410-42640	REFERENCE NO. 23040-42510/20/21 23040-42530/50/51		REFERENCE NO. MD050009 23517-42001	REFERENCE NO. 21131-42001

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 18.50 mm

91

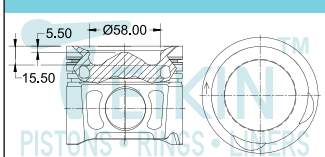
D4CC 2891 cc — 4 cyl.

MIGHTY (2018-)

Ø 95.00		
CD	51.20	
	-15.5	
TL	80.70	

1 - 2.5 HK 1 - 2.0
1 - 3.0

Ø	33.000
TL	75.00



TEIKIN NO.	TEIKIN NO.
51179AG	P 51603
REFERENCE NO. 23410-4C900 23410-4C901 23410-4C902 23410-4C903 23410-4C904	

Surface Treatment	Bore Clearance
Chromated	MRC: 0.080 mm
Moly Skirt	MP: 7.50 mm

92

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

J3TCi — 2902 cc — 4 cyl.

TERRACAN
2003-2006

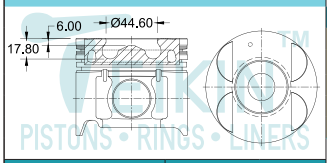
Ø	97.10
CD	52.00
	-17.8
TL	84.00

1 - 2.0 HK	
1 - 2.0	
1 - 3.0	

Ø	32.000
TL	78.00

TL	168.5	
OD	101.5	
FT	5.0 + 0.7	
FD	107.25	

TEIKIN NO.
LKFF 51610AG
LKSF 51610AG



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51610AG (52107AG)	R 51610	P 52107	B 51611	LFF 51610 LSF 51610
				Surface Treatment: *Phosphate (PH)
REFERENCE NO. 23410-4X900 23410-4X910	REFERENCE NO. 23040-4X900		REFERENCE NO. 23517-4X000	REFERENCE NO. 2111-4X300 21134-4X000

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.080 mm MP: 10.00 mm

93

J3TCi-II — 2900 cc — 4 cyl.

Bongo III (2006-2017)
K2500/K2700/K2900/K3000S
(2006-2016)

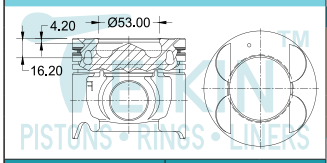
Ø	97.10
CD	52.20
	-16.2
TL	84.20

1 - 2.5 HK	
1 - 2.0	
1 - 3.0	

Ø	32.000
TL	78.00

TL	168.5	
OD	101.5	
FT	5.0 + 0.7	
FD	107.25	

TEIKIN NO.
LKFF 51611AG
LKSF 51611AG



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51611AG	R 51611	P 52107	B 51611	LFF 51610* LSF 51610
				Surface Treatment: *Phosphate (PH)
REFERENCE NO. 23410-4X940 23410-4X941 23410-4X942 23410-4X943	REFERENCE NO. 23040-4X920		REFERENCE NO. 23517-4X000	REFERENCE NO. 2111-4X300 21134-4X000

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.040 mm MP: 11.00 mm

94

D4AE — 3298 cc — 4 cyl.

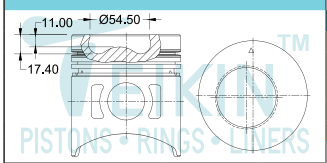
Ø	100.00
CD	60.60
	-17.4
TL	110.60

1 - 3.0 FK	
1 - 2.0	
1 - 4.0	

Ø	34.000
TL	83.50

TL	191.0	191.0
OD	104.0	104.0
FT	5.0	
FD	109.0	

TEIKIN NO.
LKSF 51112
LKSX 51112
LKSF 51112A
LKSX 51112A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51112 51112A	R 51112	P 39138	B 51112	LSF 51112 LSX 51112
				Surface Treatment: None
REFERENCE NO. 23410-41410 23411-41410 23411-41430 23411-41700	REFERENCE NO. 23040-41400 23040-41410		REFERENCE NO. 23517-41310	REFERENCE NO. 21311-41300

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 26.50 mm

95

D4AF — 4 cyl.

K-1
H-250
CHORUS

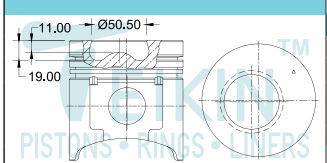
Ø	104.00
CD	60.70
	-19.0
TL	110.70

1 - 3.0 HK	
1 - 2.0	
1 - 4.0	

Ø	34.000
TL	83.50

TL	192.0	192.0
OD	107.0	107.0
FT	4.0	
FD	113.0	

TEIKIN NO.
LKSF 51103
LKSX 51103
LKSF 51103A
LKSX 51103A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
51103 51103A	R 51103	P 39138	B 51112	LSF 51103 LSX 51103
				Surface Treatment: None
REFERENCE NO. 23410-41210 23411-41210	REFERENCE NO. 23040-41200 23040-46020		REFERENCE NO. 23517-41310	REFERENCE NO. 21131-41200

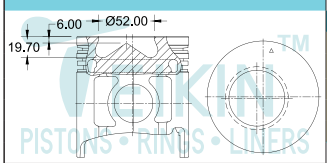
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 27.00 mm

96

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

D4DA — 3907 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 104.00	1 - 3.0 FK	Ø 36.000		TL	200.0	200.0	TEIKIN NO.
	1 - 2.0	TL 88.00		OD	108.0	108.0	LKSF 51602AG
CD 62.20				FT	4.0		LKSX 51602AG
-19.7	1 - 4.0			FD	113.0		
TL 112.20							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
51602AG	R 51602	P 43608	B 51602		LSF 51602 LSX 51602		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
23411-45000 23410-45000	23040-45010		23515-45900		21100-45000		

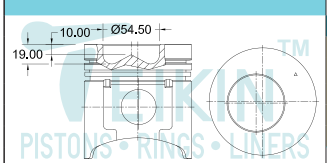


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.090 mm MP: 28.00 mm

97

D4AF-III — 3568 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 104.00	1 - 3.0 HK	Ø 34.000		TL	192.0	192.0	TEIKIN NO.
	1 - 2.0	TL 84.00		OD	107.0	107.0	LKSF 51607A
CD 60.70				FT	4.0		LKSX 51607A
-19.0	1 - 4.0			FD	113.0		
TL 110.70							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
51607A	R 51103	P 43683	B 51112		LSF 51103 LSX 51103		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
23410-41200 23411-41200	23040-41200 23040-46020		23517-41310		21131-41200		



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 24.00 mm

98

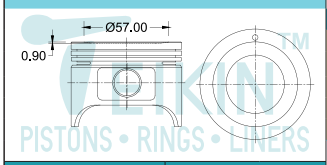
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

4XC1 — 1471 cc — 4 cyl.

Ø	77.00
CD	28.50
	-0.9
TL	59.00

RINGS: 2 - 1.2 / 1 - 2.8

PIN: Ø 18.000 / TL 63.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39603	R 39603	P 39210

REFERENCE NO.	REFERENCE NO.
8-94162-766-2	8-94109-650-0
8-94162-766-0	8-94162-769-0
	8-94162-770-0
	8-94162-771-0

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 13.00 mm

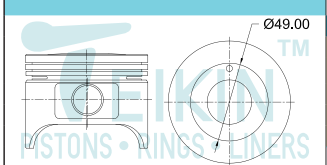
1

4XC1-III — 1471 cc — 4 cyl.

Ø	77.00
CD	28.50
	+0.5
TL	59.50

RINGS: 2 - 1.2 / 1 - 2.8

PIN: Ø 18.000 / TL 65.00



TEIKIN NO.	TEIKIN NO.
39652	P 39652

REFERENCE NO.
8-94411-975-0

Surface Treatment	Bore Clearance
Tin Coated	MRC: - mm MP: - mm

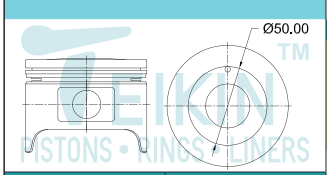
2

4XC1-IV — 1471 cc — 4 cyl.

Ø	77.00
CD	28.50
	+0.5
TL	59.50

RINGS: 1 - 1.5 / 1 - 2.8

PIN: Ø 18.000 / TL 61.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39659	R 39659	P 43187

REFERENCE NO.	REFERENCE NO.
8-94141-426-0	8-94141-947-0
8-94425-275-0	
8-94460-838-2	
8-94251-076-1	
8-94141-420-0	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.75 mm

3

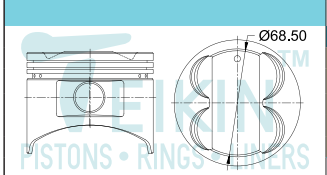
4XE1W — 1588 cc — 4 cyl.

DOHC 16 V
IMPULSE 1990-91
I-MARK 1989, STYLUS 1991

Ø	80.00
CD	28.40
	+0.7
TL	64.70

RINGS: 2 - 1.2 / 1 - 3.0

PIN: Ø 18.000 / TL 66.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39209	R 39209	P 39209

REFERENCE NO.	REFERENCE NO.
8-97066-886-0	8-94331-660-0
	8-94370-434-0
	8-94379-296-0
	8-97011-557-0

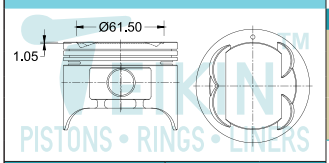
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 20.50 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

4XE1V — 1588 cc — 4 cyl.

SOHC 12 V
STYLUS 1991-93



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 18.50 mm

Ø	80.00
CD	28.50
	-1.0
TL	61.90

RINGS
2 - 1.2
1 - 3.0

PIN	
Ø	18.000
TL	63.00

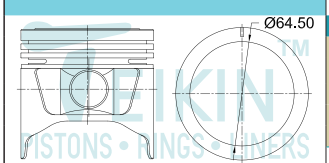
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39210	R 39209	P 39210

REFERENCE NO.	REFERENCE NO.
8-97066-885-0	8-94331-660-0
8-94372-479-0	8-94370-434-0
8-94372-480-0	8-94379-296-0
8-94455-400-2	8-97011-557-0
8-97066-969-0	

5

G161Z — 1584 cc — 4 cyl.

KB20, GEMINI COUPE
GEMINI LT-MINX
LS, LT, LD, ELF-TRK
FASTER (G.M)



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 25.00 mm

Ø	82.00
CD	37.00
	+0.4
TL	80.50

RINGS
2 - 2.0
1 - 4.0

PIN	
Ø	22.000
TL	66.00

TL		165.0
OD		86.0

TEIKIN NO. LKSX 39104

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39104	R 39104	P 39104

TEIKIN NO. LSX 39104

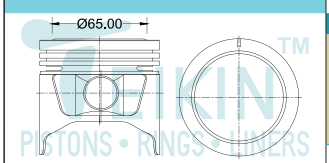
Surface Treatment: None

REFERENCE NO.	REFERENCE NO.
8-94200-645-0	12121-099/133/141
8-94211-129-0	8-94206-294-0
	8-94216-639-0
	9-12181-113-0

REFERENCE NO.

6

G161ZB-II — 1584 cc — 4 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 25.00 mm

Ø	82.00
CD	37.00
	+0.8
TL	80.90

RINGS
2 - 2.0
1 - 4.0

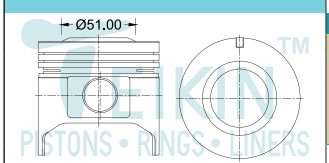
PIN	
Ø	22.000
TL	66.00

TEIKIN NO.	TEIKIN NO.
39236	P 39104

REFERENCE NO.
8-94218-808-0
8-94220-636-0

7

4ZA1 — 1584 cc — 4 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 24.00 mm

Ø	82.00
CD	37.00
	+2.4
TL	80.40

RINGS
2 - 1.5
1 - 4.0

PIN	
Ø	22.000
TL	66.00

TL		165.0
OD		86.0

TEIKIN NO. LKSX 39605

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39605	R 39605	P 39104

TEIKIN NO. LSX 39104

Surface Treatment: None

REFERENCE NO.	REFERENCE NO.
8-94452-742-1	8-94130-293-0
	8-94244-403-0
	8-94313-198-0
	8-94313-199-0

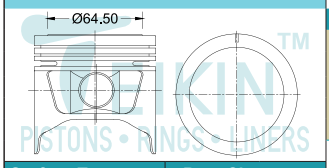
REFERENCE NO.

8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

G161Z-II — 1584 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 82.00	2 - 1.5	Ø 22.000		TL		165.0	TEIKIN NO.
		TL 69.50		OD		86.0	LKSX 39628
CD 37.00							
+0.5	1 - 4.0						
TL 80.50							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			TEIKIN NO.		
39628	R 39104	P 46202			LSX 39104		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.				REFERENCE NO.		
8-94244-402-0	12121-099/133/141						
	8-94206-294-0						
	8-94216-639-0						
	9-12181-113-0						

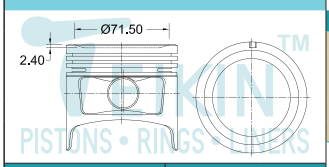


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 25.00 mm

9

G180Z — 1817 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 84.00	2 - 2.0	Ø 22.000		TL		168.0	TEIKIN NO.
		TL 66.00		OD		86.0	LKSX 39110
CD 36.75							
-2.4	1 - 4.0						
TL 79.75							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			TEIKIN NO.		
39110	R 39110	P 39104			LSX 39110		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.				REFERENCE NO.		
8-94201-040-0	5-12181-054-0						
8-94201-607-0	8-94208-205-0						
8-94208-205-0	8-94216-640-0						
	8-94224-555-0						

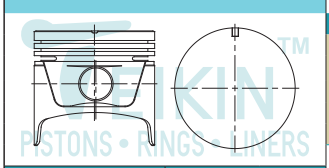


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 25.00 mm

10

G180SR — 1817 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 84.00	2 - 2.0	Ø 22.000		TL		168.0	TEIKIN NO.
		TL 66.00		OD		86.0	LKSX 39208
CD 36.80							
	1 - 4.0						
TL 79.80							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			TEIKIN NO.		
39208	R 39110	P 39104			LSX 39110		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.				REFERENCE NO.		
9-12411-670-0	5-12181-054-0						
9-12411-622-0	8-94208-205-0						
	8-94216-640-0						
	8-94224-555-0						



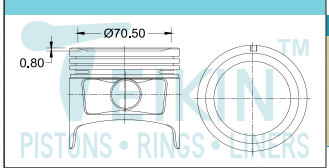
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 25.00 mm

11

G180Z-II — 1817 cc — 4 cyl.

AUTOM - CAMION
SOHC
1981-85

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 84.00	2 - 2.0	Ø 22.000		TL		168.0	TEIKIN NO.
		TL 66.00		OD		86.0	LKSX 39654
CD 37.00							
-0.8	1 - 4.0						
TL 80.00							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			TEIKIN NO.		
39654	R 39110	P 39104			LSX 39110		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.				REFERENCE NO.		
8-94215-088-0	5-12181-054-0						
	8-94208-205-0						
	8-94216-640-0						
	8-94224-555-0						



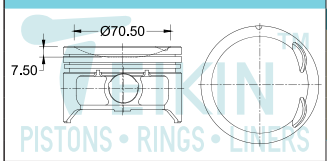
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 25.00 mm

12

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	LINER NO FLANGE	LINER KIT SET

X22SE — 2198 cc — 4 cyl.
DOHC 16 V
AMIGO, RODEO 1998-00

Ø 86.00	RINGS	PIN	BUSHING	FLANGED	LINER NO FLANGE	LINER KIT SET
CD 30.40	2 - 1.5	Ø 21.000		TL	140.0	TEIKIN NO.
-7.5		TL 61.50		OD	89.0	LKSX 39211
TL 55.50	1 - 3.0					



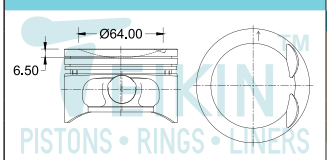
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
39211	R 39211	P 56104		LSX 39211
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
8-92062-910-0	8-96062-027-0 8-92062-028-0 8-92064-589-0 8-92064-591-0			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 12.00 mm

13

X20SE — 1998 cc — 4 cyl.
DAEWOO NUBIRA
1999-2002
DOHC 16V

Ø 86.00	RINGS	PIN	BUSHING	FLANGED	LINER NO FLANGE	LINER KIT SET
CD 30.40	2 - 1.5	Ø 21.000				
-6.5		TL 61.50				
TL 55.40	1 - 3.0					



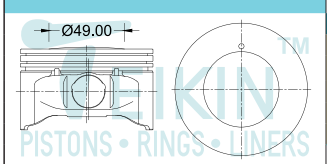
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
39229	R 39211	P 56104				
REFERENCE NO.	REFERENCE NO.					
9-05010-58 MAHLE: 011 03 00 KS:97 363 600	8-96062-027-0 8-92062-028-0 8-92064-589-0 8-92064-591-0					

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 10.00 mm

14

X22SE-II — 2198 cc — 4 cyl.
RODEO

Ø 86.00	RINGS	PIN	BUSHING	FLANGED	LINER NO FLANGE	LINER KIT SET
CD 27.60	1 - 1.2 1 - 1.5	Ø 21.000				
+1.2		TL 61.50				
TL 53.70	1 - 2.5					



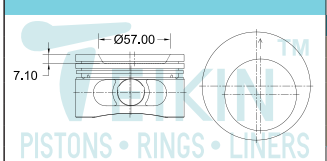
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
39230	R 39230	P 56104				
REFERENCE NO.	REFERENCE NO.					
8-92064-692-0 8-92064-693-0	8-92065-115-0 8-92065-116-0					

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 11.00 mm

15

LUV — 2200 cc — 4 cyl.
(MOT. ISUZU)
CAMIÓN/TRUCK LUV 03-05
L4 DOHC 16 VÁLV.

Ø 86.00	RINGS	PIN	BUSHING	FLANGED	LINER NO FLANGE	LINER KIT SET
CD 30.00	2 - 1.5	Ø 21.000		TL	140.0	TEIKIN NO.
-7.1		TL 61.50		OD	89.0	LKSX 39233
TL 50.10	1 - 3.0					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
39233	R 39211	P 56104		LSX 39211
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
8-92062-633-0	8-96062-027-0 8-92062-028-0 8-92064-589-0 8-92064-591-0			

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 6.50 mm

16

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

G200Z — 1949 cc — 4 cyl.
1979

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 87.00	2 - 1.5	Ø 22.000		TL	150.0	TEIKIN NO.
CD 36.95		TL 79.00		OD	91.0	LKSX 39119
TL 79.90	1 - 4.0					
TEIKIN NO. 39119	TEIKIN NO. R 39119	TEIKIN NO. P 43153		TEIKIN NO. LSX 39119		
				Surface Treatment: None		
REFERENCE NO. 8-94237-469-1	REFERENCE NO. 8-94130-295-0, 8-94231-817-0, 8-94248-831-0, 8-94248-847-0			REFERENCE NO.		

Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.030 mm, MP: 24.50 mm

17

G200Z-II — 1949 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 87.00	2 - 2.0	Ø 22.000		TL	150.0	TEIKIN NO.
CD 37.00		TL 79.00		OD	91.0	LKSX 39226
TL 80.00	1 - 4.0					
TEIKIN NO. 39226 (39610)	TEIKIN NO. R 39226	TEIKIN NO. P 43153		TEIKIN NO. LSX 39119		
				Surface Treatment: None		
REFERENCE NO. 8-94213-831-0, 8-94271-840-0, 8-94271-890-0	REFERENCE NO. 8-94216-641-0			REFERENCE NO.		

Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.030 mm, MP: 24.50 mm

18

DIMAX 2.4L — 4 cyl.
D-MAX
TFR
TFS
(03-)
SOHC 8V

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 87.50	1 - 1.2 1 - 1.5	Ø 21.000 TL 61.50				
CD 27.30 -6.4 TL 50.30	1 - 2.5					
TEIKIN NO. 39235	TEIKIN NO. R 39176	TEIKIN NO. P 56104				
REFERENCE NO. 8-93292-774-0, 8-93325-189-0, 93325556, 8-93282-453-0, 8-93282-455-0	REFERENCE NO. 8-94136-778-0/1, 8-94153-966-0/1-2, 8-94337-245-1, 8-94337-296-1					

Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.030 mm, MP: 10.00 mm

19

4ZC1 — 1994 cc — 4 cyl.
WFR 2.01
1986-ON

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 88.00	2 - 1.5	Ø 22.000 TL 69.50				
CD 37.00 -2.1 TL 80.00	1 - 4.0					
TEIKIN NO. 39175	TEIKIN NO. R 39175	TEIKIN NO. P 46202				
REFERENCE NO. 8-94175-087-2, 8-94224-314-0	REFERENCE NO. 8-94119-545-0, 8-94133-032-0, 8-94133-033-0, 8-94143-049-0					

Surface Treatment: None
Bore Clearance: MRC: 0.030 mm, MP: 23.50 mm

20

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

4ZD1 — 2254 cc — 4 cyl.

PICK UP 1986 - 87
TROOPER II 1986 - 87
AMIGO 1989 - 93
IMPULSE 1988 - 89

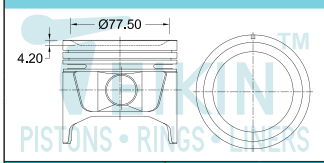
Ø	89.30
CD	39.00
	-4.2
TL	81.00

RINGS	
2 - 1.5	
1 - 4.0	

PIN	
Ø	23.000
TL	80.00

LINER	FLANGED	NO FLANGE
TL		150.0
OD		93.3

TEIKIN NO. LKSX 39176



PISTON SET	RINGS	PIN	BUSHING	LINER
TEIKIN NO. 39176	TEIKIN NO. R 39176	TEIKIN NO. P 39176		TEIKIN NO. LSX 39176
				Surface Treatment: None
REFERENCE NO. 8-94438-625-2, 8-94439-301-2, 8-94136-777-3	REFERENCE NO. 8-94136-778-0/1, 8-94153-966-0/1-2, 8-94337-245-1, 8-94337-296-1			REFERENCE NO.

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.026 mm MP: 23.00 mm

21

4ZD1-II — 2254 cc — 4 cyl.

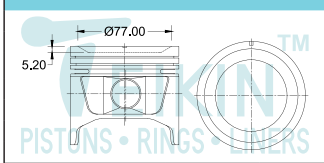
Ø	89.30
CD	39.00
	-5.2
TL	81.00

RINGS	
2 - 1.5	
1 - 4.0	

PIN	
Ø	23.000
TL	80.00

LINER	FLANGED	NO FLANGE
TL		150.0
OD		93.3

TEIKIN NO. LKSX 39228



PISTON SET	RINGS	PIN	BUSHING	LINER
TEIKIN NO. 39228	TEIKIN NO. R 39176	TEIKIN NO. P 39176		TEIKIN NO. LSX 39176
				Surface Treatment: None
REFERENCE NO. 8-94156-657-0, 8-94413-459-0	REFERENCE NO. 8-94136-778-0/1, 8-94153-966-0/1-2, 8-94337-245-1, 8-94337-296-1			REFERENCE NO.

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 23.00 mm

22

4ZE1 — 2559 cc — 4 cyl.

C & FI SOHC 4
PICK UP, AMIGO, RODEO
1994-96

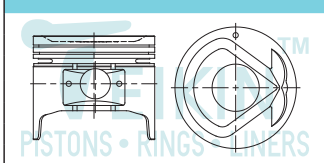
Ø	92.60
CD	36.50
	-4.6
TL	79.05

RINGS	
2 - 1.5	
1 - 4.0	

PIN	
Ø	23.000
TL	80.00

LINER	FLANGED	NO FLANGE
TL		160.0
OD		96.6

TEIKIN NO. LKSX 39185



PISTON SET	RINGS	PIN	BUSHING	LINER
TEIKIN NO. 39185	TEIKIN NO. R 39185	TEIKIN NO. P 39176		TEIKIN NO. LSX 39185
				Surface Treatment: None
REFERENCE NO. 8-97037-801-1, 8-97037-801-0, 8-97069-548-1	REFERENCE NO. 8-94320-180-0, 8-94320-181-0, 8-94337-249-0, 8-94337-250-0			REFERENCE NO.

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 24.00 mm

23

4ZE1-II — 2559 cc — 4 cyl.

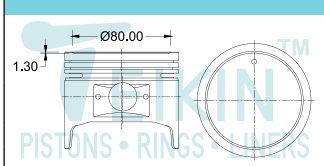
Ø	92.60
CD	36.50
	-1.3
TL	78.90

RINGS	
2 - 1.5	
1 - 4.0	

PIN	
Ø	23.000
TL	80.00

LINER	FLANGED	NO FLANGE
TL		160.0
OD		96.6

TEIKIN NO. LKSX 39604



PISTON SET	RINGS	PIN	BUSHING	LINER
TEIKIN NO. 39604 (39212)	TEIKIN NO. R 39185	TEIKIN NO. P 39176		TEIKIN NO. LSX 39185
				Surface Treatment: None
REFERENCE NO. 8-94163-189-2, 8-94163-189-1, 8-94163-189-3, 8-94319-522-0, 8-94319-523-0	REFERENCE NO. 8-94320-180-0, 8-94320-181-0, 8-94337-249-0, 8-94337-250-0			REFERENCE NO.

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 24.50 mm

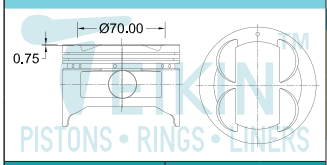
24

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

6VD1 — 3165 cc — 6 cyl.

DOHC V6
TROOPER, RODEO
1992-96

Ø 93.40						
CD 31.75	2 - 1.5	Ø 22.000		TL	177.8	TEIKIN NO.
-0.7		TL 66.00		OD	97.4	LKSX 39186
TL 65.20	1 - 4.0					
TEIKIN NO. 39186	TEIKIN NO. R 39186	TEIKIN NO. P 39104		TEIKIN NO. LSX 39186		
				Surface Treatment: None		
REFERENCE NO. 8-94374-965-1, 9-12211-034-1	REFERENCE NO. 8-97127-562-0, 8-97162-198-0, 8-97307-372-0			REFERENCE NO.		



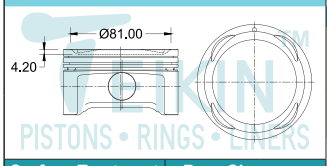
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 19.50 mm

25

6VE1 — 6 cyl.

DIMAX 3.5L

Ø 93.40						
CD 29.70	2 - 1.2	Ø 22.000				
-4.2		TL 66.00				
TL 52.70	1 - 2.0					
TEIKIN NO. 39234		TEIKIN NO. P 39104				
REFERENCE NO. 8-97358-040-0						

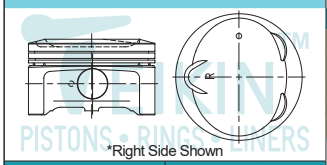


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 7.90 mm

26

6VE1-III — 6 cyl.

Ø 93.40						
CD 29.80	2 - 1.2	Ø 21.950				
+3.0		TL 60.50				
TL 55.80	1 - 2.0					
TEIKIN NO. 39237		TEIKIN NO. P 39237				
REFERENCE NO. 8973689700 (R/L), 89736889680						



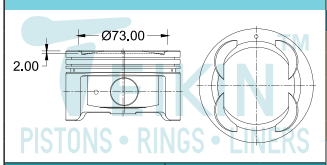
Surface Treatment	Bore Clearance
Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.90 mm

27

6VD1-IV — 3165 cc — 6 cyl.

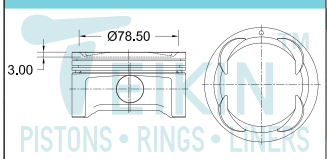
PICK UP
TFR/TFS
(97-)
DOHC 24V

Ø 93.40						
CD 33.40	2 - 1.5	Ø 22.000				
-2.0		TL 66.00				
TL 57.00	1 - 3.0					
TEIKIN NO. 39243	TEIKIN NO. R 39673	TEIKIN NO. P 39104				
REFERENCE NO. 8-97180-192-0, 8-97180-193-0, 8-97180-194-0	REFERENCE NO. 8-97136-135-0, 8-97170-113-0					



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 8.50 mm

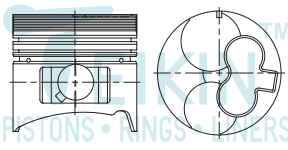
28

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
6VE1-II 3494 cc 6 cyl.	**Ø 93.40** CD 29.70 -3.0 TL 52.70	2 - 1.5 1 - 3.0	Ø 22.000 TL 66.00					
	**TEIKIN NO.** **39673**	**TEIKIN NO.** **R 39673**	**TEIKIN NO.** **P 39104**					
Surface Treatment Tin Coated	**Bore Clearance** MRC: 0.030 mm MP: 7.90 mm	**REFERENCE NO.** 8-97136-315-3 8-97167-093-2 8-97167-094-2	**REFERENCE NO.** 8-97136-135-0 8-97170-113-0					

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

4EC1 OLD — 1487 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 76.00 CD 41.70 -1.5 TL 71.80	1 - 2.0 1 - 1.5 1 - 3.0	Ø 22.000 TL 60.00		TL OD FT FD	145.0 80.0 5.0 84.0	140.0 80.0	TEIKIN NO. LKSF 39170 LKSX 39170 LKSF 39170A LKSX 39170A
TEIKIN NO. 39170 39170A	TEIKIN NO. R 39170	TEIKIN NO. P 34102	TEIKIN NO. B 39170		TEIKIN NO. LSF 39170 LSX 39170 Surface Treatment None		
REFERENCE NO. 8-94129-828-0 8-94129-828-1	REFERENCE NO. 8-94144-187-0 8-94332-767-1 8-94342-490-0		REFERENCE NO. 8-94251-216-1		REFERENCE NO.		

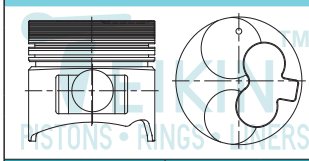


Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.030 mm, MP: 14.50 mm

30

4EC1 TURBO — 1487 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 76.00 CD 41.70 -1.5 TL 71.65	1 - 2.0 1 - 1.5 1 - 3.0	Ø 25.000 TL 60.00		TL OD FT FD	145.0 80.0 5.0 84.0	140.0 80.0	TEIKIN NO. LKSF 39179 LKSX 39179 LKSF 39179A LKSX 39179A
TEIKIN NO. 39179 39179A	TEIKIN NO. R 39170	TEIKIN NO. P 39179	TEIKIN NO. B 39179		TEIKIN NO. LSF 39170 LSX 39170 Surface Treatment None		
REFERENCE NO. 8-94129-431-0 8-94129-276-4	REFERENCE NO. 8-94144-187-0 8-94332-767-1 8-94342-490-0		REFERENCE NO. 5-12251-007-0 8-94114-054-0		REFERENCE NO.		

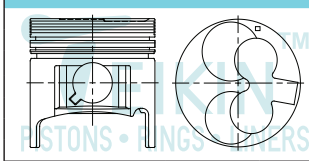


Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.030 mm, MP: 14.00 mm

31

4EE1-T — 1686 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 79.00 CD 39.70 -1.5 TL 69.75	1 - 2.0 1 - 1.5 1 - 3.0	Ø 27.000 TL 64.00		TL OD FT FD	144.0 83.0 2.0 87.0	144.0 83.0	TEIKIN NO. LKSF 39189 LKSX 39189 LKSF 39189A LKSX 39189A
TEIKIN NO. 39189 39189A	TEIKIN NO. R 39189	TEIKIN NO. P 39189	TEIKIN NO. B 39189		TEIKIN NO. LSF 39189 LSX 39189 Surface Treatment None		
REFERENCE NO. 8-97043-772-0 8-97043-773-0	REFERENCE NO. 8-94381-709-0 8-94381-709-1		REFERENCE NO. 8-94369-904-0		REFERENCE NO.		

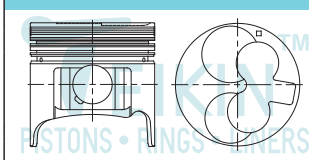


Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.030 mm, MP: 13.00 mm

32

4EE1 — 1686 cc — CORSA 1.7L — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 79.00 CD 39.70 -1.7 TL 79.70	1 - 2.0 1 - 1.5 1 - 3.0	Ø 25.000 TL 60.00		TL OD FT FD	144.0 83.0 2.0 87.0	144.0 83.0	TEIKIN NO. LKSF 39668A LKSX 39668A
TEIKIN NO. 39668A	TEIKIN NO. R 39189	TEIKIN NO. P 39668	TEIKIN NO. B 39179		TEIKIN NO. LSF 39189 LSX 39189 Surface Treatment None		
REFERENCE NO. 8-97129-437-0 8-97129-437-1 8-97129-437-2	REFERENCE NO. 8-94381-709-0 8-94381-709-1		REFERENCE NO. 5-12251-007-0 8-94114-054-0		REFERENCE NO.		



Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.020 mm, MP: 23.00 mm

33

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

C-221-II — 2207 cc — 4 cyl.

Ø 83.00							TEIKIN NO.
CD 48.50	3 - 2.0	Ø 25.000		TL 174.5			LKCF 39620
-3.0		TL 72.50		OD 86.0			
TL 95.50	2 - 5.0			FT 1.4			
				FD 92.0			
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
39620 (39216)	R 39620	P 39620	B 39620	LCF 39620			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
9-12111-646-0	5-12121-013-0		9-12251-038-0	9-11261-253-0			
5-12111-065-0	5-12121-014-0		9-12251-048-0	9-11261-253-1			
	5-12121-015-0		9-12251-061-0				
	5-12181-122-0						

Surface Treatment: Tin Coated — Bore Clearance: MRC: 0.070 mm, MP: 10.00 mm

34

4FC1 — 1995 cc — 4 cyl.

Ø 84.00							TEIKIN NO.
CD 46.70	1 - 2.5	Ø 25.000		TL 172.0		150.0	LKSF 39157
-1.8	1 - 2.0	TL 67.00		OD 88.0		88.0	LKSX 39157
TL 76.70				FT 4.0			LKSF 39157A
	1 - 4.0			FD 92.0			LKSX 39157A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
39157 39157A	R 39157	P 39157	B 39157	LSF 39157 LSX 39157			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
8-94111-655-1	8-94139-973-0		5-12251-007-0	5-11261-119-0			
8-94228-887-0	8-94224-221-0						
8-94228-887-1							

Surface Treatment: Tin Coated — Bore Clearance: MRC: 0.030 mm, MP: 12.40 mm

35

4FB1 — 1817 cc — 4 cyl.

Ø 84.00							TEIKIN NO.
CD 44.70	1 - 2.5	Ø 25.000		TL 172.0		150.0	LKSF 39183
-1.9	1 - 2.0	TL 67.00		OD 88.0		88.0	LKSX 39183
TL 74.70				FT 4.0			LKSF 39183A
	1 - 4.0			FD 92.0			LKSX 39183A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
39183 39183A	R 39157	P 39157	B 39157	LSF 39157 LSX 39157			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
8-94228-886-2	8-94139-973-0		5-12251-007-0	5-11261-119-0			
8-94201-492-0	8-94224-221-0						
8-94235-962-0							

Surface Treatment: Tin Coated — Bore Clearance: MRC: 0.030 mm, MP: 12.00 mm

36

C-240 OLD — 2369 cc — 4 cyl.

Ø 86.00							TEIKIN NO.
CD 51.50	3 - 2.0	Ø 27.000		TL 178.0			LKCF 39125
-3.0		TL 72.00		OD 90.0			LKFF 39125
TL 95.40	1 - 5.0			FT 4.0			LKSF 39125
				FD 94.0			LKCF 39125A
				*DIMENSION IS FOR LSF			LKFF 39125A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			LKSF 39125A
39125 39125A	R 39125	P 39125	B 39125	LCF 39125 LFF 39125 LSF 39125			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
9-12111-813-0	5-12121-007-0		9-12251-062-0	9-11261-230-0			
5-12111-064-0	5-12181-027-0			9-11261-230-1			
5-12411-064-0	5-12181-028-0						
	9-12181-603-0						

Surface Treatment: Tin Coated — Bore Clearance: MRC: 0.070 mm, MP: 24.00 mm

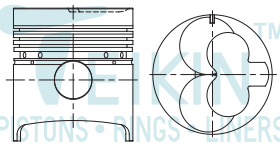
37

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

C-190 — 2369 cc — 4 cyl.

C-240 NEW
1971

Ø 86.00	3 - 2.0	Ø 27.000		TL 178.0		TEIKIN NO.
		TL 72.00		OD 90.0		LKCF 39127
CD 51.60				FT 4.0		LKFF 39127
-2.7	1 - 5.0			FD 94.0		LKSF 39127
TL 95.60						LKCF 39127A
				*DIMENSION	IS FOR LSF	LKFF 39127A
						LKSF 39127A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
39127	R 39125	P 39125	B 39125	LCF 39125		
39127A				LFF 39125		
				LSF 39125		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
5-12111-119-0	5-12121-007-0		9-12251-062-0	9-11261-230-0		
5-12111-203-0	5-12181-027-0			9-11261-230-1		
5-12111-137-0	5-12181-028-0					
5-12111-202-0	9-12181-603-0					



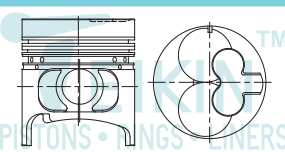
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 22.30 mm

38

C-190-3R — 1951 cc — 4 cyl.

C-240

Ø 86.00	1 - 2.5	Ø 27.000		TL 163.0		TEIKIN NO.
	1 - 2.0	TL 68.00		OD 90.1		LKCF 39128
CD 51.50				FT 4.0		LKSF 39128
-2.0	1 - 5.0			FD 94.0		LKCF 39128A
TL 96.60						LKSF 39128A
				*DIMENSION	IS FOR LSF	
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
39128	R 39128	P 39130	B 39128	LCF 39128		
39128A				LSF 39128		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
5-12111-225-0	5-12121-021-0		5-12251-005-0	9-11261-224-0		
5-12111-226-0	8-94104-949-0		5-12251-007-0	9-11261-224-1		
			9-12251-005-0			

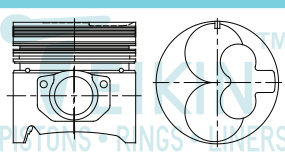


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 23.00 mm

39

C-240 — 2369 cc — 4 cyl.

Ø 86.00	1 - 2.5	Ø 27.000		TL 178.0		TEIKIN NO.
	1 - 2.0	TL 68.00		OD 90.0		LKCF 39621
CD 51.50				FT 4.0		LKFF 39621
-2.6	1 - 5.0			FD 94.0		LKSF 39621
TL 84.50						LKCF 39621A
				*DIMENSION	IS FOR LSF	LKFF 39621A
						LKSF 39621A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
39621	R 39128	P 39130	B 39128	LCF 39125		
39621A				LFF 39125		
				LSF 39125		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
8-94326-225-0	5-12121-021-0		5-12251-005-0	9-11261-230-0		
	8-94104-949-0		5-12251-007-0	9-11261-230-1		
			9-12251-005-0			

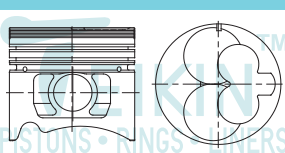


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 15.00 mm

40

C-223 — 2238 cc — 4 cyl.

Ø 88.00	2 - 2.0	Ø 27.000		TL 164.0		TEIKIN NO.
		TL 68.00		OD 92.2		LKCF 39130
CD 47.60				FT 5.0		LKFF 39130
-2.3	1 - 4.0			FD 96.0		LKSF 39130
TL 82.70						LKCF 39130A
				*DIMENSION	IS FOR LSF	LKFF 39130A
						LKSF 39130A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
39130	R 39130	P 39130	B 39128	LCF 39130		
39130A				LFF 39130		
				LSF 39130		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
8-94250-729-0	8-94253-736-0		5-12251-005-0	5-11261-015-0		
			5-12251-007-0	5-11261-015-2		
			9-12251-005-0	8-94169-883-1		



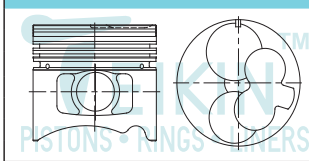
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 13.65 mm

41

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

4FD1 — 2189 cc — 4 cyl.

Ø 88.00	2 - 2.0	Ø 27.000		TL 169.0	165.0	TEIKIN NO.
CD 46.70		TL 68.00		OD 92.0	92.0	LKSF 39159
-2.2	1 - 4.0			FT 4.0		LKSX 39159
TL 80.65				FD 96.0		LKSF 39159A
						LKSX 39159A



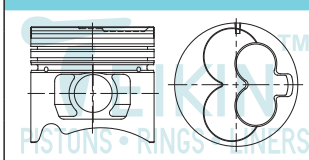
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39159	R 39159	P 39130	B 39159	LSF 39159
39159A				LSX 39159
				Surface Treatment: None
REFERENCE NO. 8-94105-454-0	REFERENCE NO. 8-94250-730-0		REFERENCE NO. 8-94247-838-0	REFERENCE NO. 8-94286-454-0

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 12.00 mm

42

C-223-II — 2238 cc — 4 cyl.

Ø 88.00	2 - 2.0	Ø 27.000				
CD 47.60		TL 68.00				
-3.4	1 - 4.0					
TL 82.70						



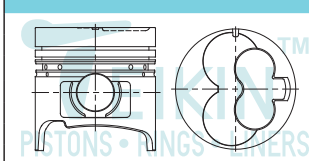
TEIKIN NO.		TEIKIN NO.			
39218		P 39130			
39218A					
REFERENCE NO.					

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 13.65 mm

43

C-223 OLD — 2238 cc — 4 cyl.

Ø 88.00	1 - 2.5	Ø 27.000		TL 164.0		TEIKIN NO.
CD 47.50	1 - 2.0	TL 68.00		OD 92.2		LKCF 39601
-2.5	1 - 4.5			FT 5.0		LKFF 39601
TL 90.00				FD 96.0		LKSF 39601
						LKCF 39601A
				*DIMENSION	IS FOR LSF	LKFF 39601A
						LKSF 39601A



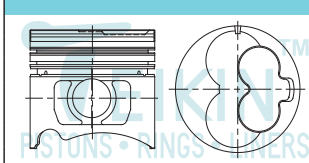
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39601	R 39601	P 39130	B 39128	LCF 39130
39601A				LFF 39130
				LSF 39130
				Surface Treatment: None
REFERENCE NO. 5-12111-212-0	REFERENCE NO. 5-12121-017-0 5-12121-024-0		REFERENCE NO. 5-12251-005-0 5-12251-007-0 9-12251-005-0	REFERENCE NO. 5-11261-015-0 5-11261-015-2 8-94169-883-1

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 21.00 mm

44

C-223-T — 2238 cc — 4 cyl.

Ø 88.00	1 - 2.5	Ø 29.000		TL 164.0		TEIKIN NO.
CD 47.60	1 - 2.0	TL 68.00		OD 92.2		LKCF 39609
-1.8	1 - 4.0			FT 5.0		LKFF 39609
TL 82.60				FD 96.0		LKSF 39609
						LKCF 39609A
				*DIMENSION	IS FOR LSF	LKFF 39609A
						LKSF 39609A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39609	R 39609	P 39609	B 39609	LCF 39130
39609A				LFF 39130
(39198)				LSF 39130
				Surface Treatment: None
REFERENCE NO. 8-94118-826-0	REFERENCE NO. 8-94158-084-0		REFERENCE NO.	REFERENCE NO. 5-11261-015-0 5-11261-015-2 8-94169-883-1

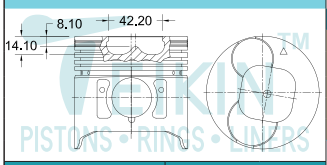
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 14.00 mm

45

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

C 2.2 — 2189 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 88.00	3 - 2.0	Ø 31.000		TL	152.0	152.0	TEIKIN NO.
CD 47.80		TL 71.00		OD	91.55	91.55	LKSF 39684
-14.1	1 - 4.0			FT	4.0		LKSX 39684
TL 87.80				FD	92.5		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.			
39684	R 39684	P 39684		LSF 39684 LSX 39684			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.			
	8-94417-175-0						

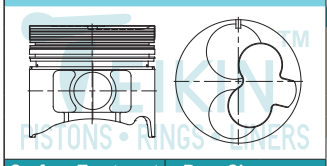


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 30.00 mm

46

4FG1 — 2380 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 89.30	2 - 2.0	Ø 27.000		TL	194.5	190.5	TEIKIN NO.
CD 47.20		TL 68.00		OD	93.3	93.3	LKFF 39602
-2.8	1 - 4.0			FT	4.0		LKFX 39602
TL 80.70				FD	97.25		LKSF 39602
					*DIMENSION	IS FOR LSF	LKSX 39602
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			LKFF 39602A
39602 39602A (39193)	R 39602	P 39130	B 39159	LFF 39602 LFX 39602 LSF 39602 LSX 39602			LKFX 39602A LKSF 39602A LKSX 39602A
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
8-94329-493-0 8-94454-813-0 8-97073-851-0 8-97115-172-0	8-94329-626-0 8-94469-634-0		8-94247-838-0				

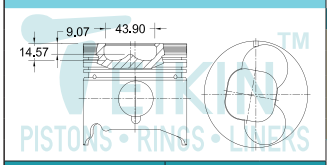


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.00 mm

47

4JA1 — 2499 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 93.00	2 - 2.0	Ø 31.000		TL	156.3		TEIKIN NO.
CD 47.80		TL 77.00		OD	98.0		LKCF 39162
-14.6	1 - 4.0			FT	4.0		LKFF 39162
TL 87.85				FD	101.95		LKSF 39162
					*DIMENSION	IS FOR LSF	LKCF 39162A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			LKFF 39162A
39162 39162A	R 39162	P 39162	B 39162	LCF 39162 LFF 39162 LSF 39162			LKSF 39162A
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
8-94152-712-1 8-94369-281-0	8-94247-867-0 8-94247-867-1 8-97319-087-0		8-94247-968-0 8-94419-455-0	8-94110-144-0 8-94462-130-0 8-97176-691-0			

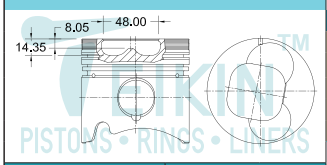


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.00 mm

48

4JB1 — 2771 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 93.00	2 - 2.0	Ø 31.000		TL	181.0		TEIKIN NO.
CD 51.90		TL 77.00		OD	98.0		LKCF 39163
-14.4	1 - 4.0			FT	4.0		LKFF 39163
TL 91.80				FD	102.0		LKSF 39163
					*DIMENSION	IS FOR LSF	LKCF 39163A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			LKFF 39163A
39163 39163A	R 39162	P 39162	B 39162	LCF 39163 LFF 39163 LSF 39163			LKSF 39163A
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
8-94152-711-1 8-94152-711-0 8-94433-177-1 8-94445-718-0	8-94247-867-0 8-94247-867-1 8-97319-087-0		8-94247-968-0 8-94419-455-0	8-94247-861-0 8-94247-861-2			



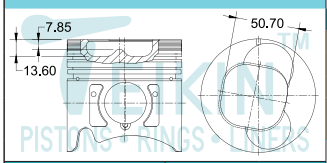
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.00 mm

49

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

4JB1-T — 2771 cc — 4 cyl.

Ø 93.00	2 - 2.0	Ø 34.000		TL 181.0		TEIKIN NO.
		TL 78.00		OD 98.0		LKCF 39188
CD 51.85				FT 4.0		LKFF 39188
-13.6	1 - 4.0			FD 102.0		LKSF 39188
TL 91.80						LKCF 39188A
				*DIMENSION	IS FOR LSF	LKFF 39188A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		LKSF 39188A
39188	R 39162	P 39188	B 39188	LCF 39163		
39188A				LFF 39163		
				LSF 39163		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
8-97176-602-0	8-94247-867-0		8-94457-158-0	8-94247-861-0		
8-94340-620-2	8-94247-867-1			8-94247-861-2		
8-94369-218-0	8-97319-087-0					

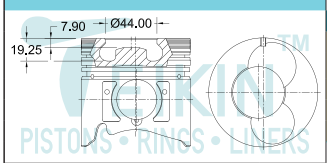


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 16.00 mm

50

4JB1-T LATE — 2771 cc — 4 cyl.

Ø 93.00	2 - 2.0	Ø 34.000		TL 181.0		TEIKIN NO.
		TL 78.00		OD 98.0		LKCF 39190
CD 51.90				FT 4.0		LKFF 39190
-19.3	1 - 4.0			FD 102.0		LKSF 39190
TL 91.80						LKCF 39190A
				*DIMENSION	IS FOR LSF	LKFF 39190A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		LKSF 39190A
39190	R 39162	P 39188	B 39188	LCF 39163		
39190A				LFF 39163		
				LSF 39163		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
8-97108-621-0	8-94247-867-0		8-94457-158-0	8-94247-861-0		
8-94460-887-1	8-94247-867-1			8-94247-861-2		
	8-97319-087-0					

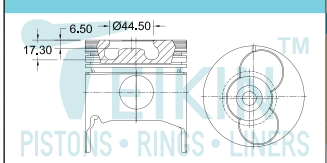


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 16.00 mm

51

4JA1T NEW — DIMAX 2.5L — 4 cyl.

Ø 93.00	2 - 2.0	Ø 31.000		TL 156.3		TEIKIN NO.
		TL 76.00		OD 98.0		LKCF 39231
CD 47.80				FT 4.0		LKFF 39231
-17.3	1 - 4.0			FD 101.95		LKSF 39231
TL 102.80						LKCF 39231A
				*DIMENSION	IS FOR LSF	LKFF 39231A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		LKSF 39231A
39231	R 39162	P 39232	B 39162	LCF 39162		
39231A				LFF 39162		
				LSF 39162		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
8-97942-985-0	8-94247-867-0		8-94247-968-0	8-94110-144-0		
8-97176-691-0	8-94247-867-1		8-94419-455-0	8-94462-130-0		
8-97176-695-0	8-97319-087-0			8-97176-691-0		

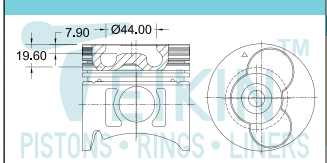


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 34.20 mm

52

4JB1 LATE — 2771 cc — 4 cyl.

Ø 93.00	2 - 2.0	Ø 31.000		TL 181.0		TEIKIN NO.
		TL 77.00		OD 98.0		LKCF 39656A
CD 51.80				FT 4.0		LKFF 39656A
-19.6	1 - 4.0			FD 102.0		LKSF 39656A
TL 91.80						
				*DIMENSION	IS FOR LSF	
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
39656A	R 39162	P 39162	B 39162	LCF 39163		
				LFF 39163		
				LSF 39163		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
8-97176-606-0	8-94247-867-0		8-94247-968-0	8-94247-861-0		
	8-94247-867-1		8-94419-455-0	8-94247-861-2		
	8-97319-087-0					

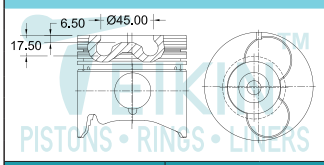


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm
	MP: 19.00 mm

53

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

4JA1 LATE — 2499 cc — 4 cyl.



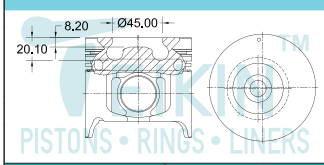
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.00 mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 93.00	2 - 2.0	Ø 31.000		TL 156.3		TEIKIN NO.
CD 47.80		TL 76.00		OD 98.0		LKCF 39658A
-17.5	1 - 4.0			FT 4.0		LKFF 39658A
TL 87.80				FD 101.95		LKSF 39658A
				*DIMENSION IS FOR LSF		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
39658A	R 39162	P 39232	B 39162	LCF 39162 LFF 39162 LSF 39162		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
8-94436-892-0 8-97089-892-0 8-97109-181-0 8-97176-601-0	8-94247-867-0 8-94247-867-1 8-97319-087-0		8-94247-968-0 8-94419-455-0	-20↑ 8-94110-144-0 8-94462-130-0 8-97176-691-0		

54

4JH1-TC — 3000 cc — 4 cyl.

DIMAX 3.0L



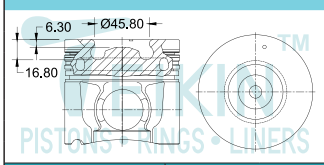
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.00 mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 95.40	1 - 2.5	Ø 31.000		TL 181.5		TEIKIN NO.
	1 - 2.0	TL 76.00		OD 100.0		LKCF 39232AG
CD 49.90				FT 4.0		LKFF 39232AG
-20.1	1 - 3.0			FD 103.3		LKSF 39232AG
TL 88.90				*DIMENSION IS FOR LSF		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
39232AG	R 39232	P 39232		LCF 39232 LFF 39232 LSF 39232		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		
8-97305-585-3 8-97305-586-1	8-97941-122-0 8-97259-941-0			8-97176-702-0 8-94456-791-0		

55

4JK1-TCS/4JK1-TCX — 2499 cc — 4 cyl.

TFR, TFS, UCR, UCS
2011-

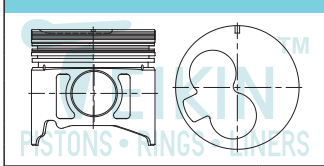


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 95.40	1 - 2.0 HK	Ø 34.000		TL 180.0	177.0	TEIKIN NO.
	1 - 1.5	TL 78.00		OD 99.4	99.4	LKFF 39245AG
CD 58.50				FT 4.0		LKSF 39245AG
-16.8	1 - 3.0			FD 103.4		LKSX 39245AG
TL 87.20						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
39245AG	R 39245	P 39188	B 39674	LFF 39661 LSF 39661 LSX 39661		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
8-98132-548-1 8-98132-549-1 8-98132-550-1 8-98132-707-1 8-98132-708-1	8-98171-040-0 8-98171-041-0 8-98171-042-0 8-98171-043-0		8-97311-438-0 8-97383-066-0			

56

4JG2 EARLY — 3059 cc — 4 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 17.80 mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 95.40	1 - 2.5	Ø 34.000		TL 181.5		TEIKIN NO.
	1 - 2.0	TL 78.00		OD 100.0		LKCF 39600
CD 49.20				FT 4.0		LKFF 39600
-2.7	1 - 4.0			FD 103.3		LKSF 39600
TL 89.20				*DIMENSION IS FOR LSF		LKCF 39600A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		LKFF 39600A
39600 39600A (39195)	R 39600	P 39188	B 39188	LCF 39232 LFF 39232 LSF 39232		LKSF 39600A
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
8-97073-647-1	8-97080-215-0		8-94457-158-0	8-97176-702-0 8-94456-791-0		

57

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

4JG2-T — 3059 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 95.40 CD 49.10 -2.8 TL 89.10	1 - 2.5 1 - 2.0 1 - 4.0	Ø 34.000 TL 78.00		TL 181.5 OD 100.0 FT 4.0 FD 103.3 *DIMENSION	IS FOR LSF	TEIKIN NO. LKCF 39608AG LKFF 39608AG LKSF 39608AG
TEIKIN NO. 39608AG (39196)	TEIKIN NO. R 39600	TEIKIN NO. P 39188	TEIKIN NO. B 39188	TEIKIN NO. LCF 39232 LFF 39232 LSF 39232 Surface Treatment None		
REFERENCE NO. 8-97086-449-0 8-97176-622-0 8-97176-623-0	REFERENCE NO. 8-97080-215-0		REFERENCE NO. 8-94457-158-0	REFERENCE NO. 8-97176-702-0 8-94456-791-0		

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Anodized Crown	MP: 19.00 mm

58

4JG2-T NEW — 3059 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 95.40 CD 49.20 -1.4 TL 89.20	1 - 2.5 1 - 2.0 1 - 4.0	Ø 34.000 TL 78.00		TL 181.5 OD 100.0 FT 4.0 FD 103.3 *DIMENSION	IS FOR LSF	TEIKIN NO. LKCF 39660AG LKFF 39660AG LKSF 39660AG
TEIKIN NO. 39660AG	TEIKIN NO. R 39600	TEIKIN NO. P 39188	TEIKIN NO. B 39188	TEIKIN NO. LCF 39232 LFF 39232 LSF 39232 Surface Treatment None		
REFERENCE NO. 8-97176-624-0 8-97176-624-1 8-97176-625-0 8-97176-625-1	REFERENCE NO. 8-97080-215-0		REFERENCE NO. 8-94457-158-0	REFERENCE NO. 8-97176-702-0 8-94456-791-0		

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Anodized Crown	MP: 19.00 mm

59

4JX1 — 2999 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 95.40 CD 50.00 -17.4 TL 101.70	1 - 2.5 FK 1 - 2.0 1 - 4.0	Ø 31.000 TL 76.00		TL 180.0 OD 99.4 FT 4.0 FD 103.4	177.0 99.4	TEIKIN NO. LKFF 39661AG LKSF 39661AG LKSX 39661AG
TEIKIN NO. 39661AG	TEIKIN NO. R 39661	TEIKIN NO. P 39232	TEIKIN NO. B 39162	TEIKIN NO. LFF 39661 LSF 39661 LSX 39661 Surface Treatment None		
REFERENCE NO. 8-97182-768-1 8-97263-264-2	REFERENCE NO. 8-97184-533-0		REFERENCE NO. 8-94247-968-0 8-94419-455-0	REFERENCE NO.		

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.040 mm
Anodized Crown	MP: 17.00 mm

60

4JG2-T-II — 3059 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 95.40 CD 49.30 -2.9 TL 89.30	1 - 2.5 FK 1 - 2.0 1 - 4.0	Ø 34.000 TL 78.00		TL 181.5 OD 100.0 FT 4.0 FD 103.3 *DIMENSION	IS FOR LSF	TEIKIN NO. LKCF 39669AG LKFF 39669AG LKSF 39669AG
TEIKIN NO. 39669AG	TEIKIN NO. R 39669	TEIKIN NO. P 39188	TEIKIN NO. B 39188	TEIKIN NO. LCF 39232 LFF 39232 LSF 39232 Surface Treatment None		
REFERENCE NO. 8-97176-620-0 8-97176-621-0	REFERENCE NO. 8-94370-449-0		REFERENCE NO. 8-94457-158-0	REFERENCE NO. 8-97176-702-0 8-94456-791-0		

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Anodized Crown	MP: 18.30 mm

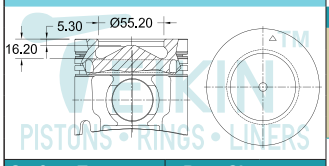
61

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

4JJ1-TC CRDI — 2999 cc — 4 cyl.

UCR-UCS-LHD

Ø 95.40	1 - 2.0 HK	Ø 34.000		TL	180.0	177.0	TEIKIN NO.
	1 - 1.5	TL 78.00		OD	99.4	99.4	LKFF 39674AG
CD 49.80				FT	4.0		LKSF 39674AG
-16.2	1 - 3.0			FD	103.4		LKSX 39674AG
TL 78.50							



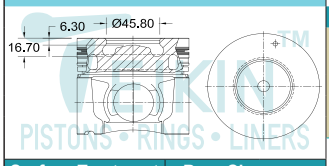
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39674AG	R 39674	P 39188	B 39674	LFF 39661 LSF 39661 LSX 39661
				Surface Treatment: None

Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
Moly Skirt	MRC: 0.040 mm MP: 7.00 mm	8-97367-397-1 8-97367-398-1 8-97367-399-1 8-97388-327-0 8-98028-116-0	8-97388-734-0 8-97389-284-0 8-98096-676-0		8-97311-438-0 8-97383-066-0	

62

4JK1-TC — 2999 cc — 4 cyl.

Ø 95.40	1 - 2.0 HK	Ø 34.000		TL	180.0	177.0	TEIKIN NO.
	1 - 1.5	TL 78.00		OD	99.4	99.4	LKFF 39675AG
CD 58.50				FT	4.0		LKSF 39675AG
-16.7	1 - 3.0			FD	103.4		LKSX 39675AG
TL 87.20							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39675AG	R 39674	P 39188	B 39674	LFF 39661 LSF 39661 LSX 39661
				Surface Treatment: None

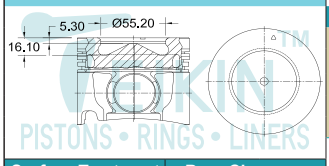
Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
Moly Skirt	MRC: 0.060 mm MP: 10.00 mm	8-97355-672-2	8-97388-734-0 8-97389-284-0 8-98096-676-0		8-97311-438-0 8-97383-066-0	

63

4JJ1-TC CRDi-II — 2999 cc — 4 cyl.

ELF, LFB, NHR, NKR, NLR
NLS, NMR, NNR, NPR, NQR
2006-

Ø 95.40	1 - 2.0 HK	Ø 34.000		TL	180.0	177.0	TEIKIN NO.
	1 - 2.0	TL 78.00		OD	99.4	99.4	LKFF 39687AG
CD 49.70				FT	4.0		LKSF 39687AG
-16.1	1 - 3.0			FD	103.4		LKSX 39687AG
TL 78.50					*DIMENSION	IS FOR LSF	



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39687AG	R 39687	P 39188	B 39674	LFF 39661 LSF 39661 LSX 39661
				Surface Treatment: None

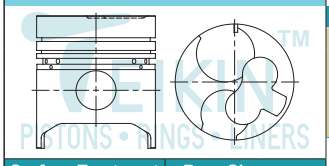
Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
Moly Skirt	MRC: 0.040 mm MP: 17.00 mm	8-98043-703-0 8-98043-704-0 8-98043-705-0	8-98053-579-0		8-97311-438-0 8-97383-066-0	

64

4BA1 — 2775 cc — 4 cyl.

1973

Ø 98.00	1 - 3.0	Ø 33.000		TL	180.0		TEIKIN NO.
	1 - 2.5	TL 85.00		OD	102.2		LKCF 39160
CD 62.60				FT	4.0		LKFF 39160
-2.0	1 - 5.0			FD	108.0		LKSF 39160
TL 112.30					*DIMENSION	IS FOR LSF	LKCF 39160A
							LKFF 39160A
							LKSF 39160A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39160 39160A	R 39160	P 39160	B 39160	LCF 39160 LFF 39160 LSF 39160
				Surface Treatment: None

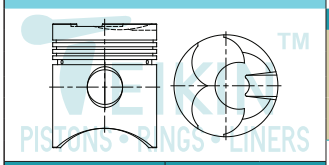
Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
Tin Coated	MRC: 0.100 mm MP: 27.00 mm	5-12111-055-1	5-12121-001-0 5-12121-019-0 5-12181-025-0 9-12181-601-0		9-12251-059-0	5-11261-802-0 9-11261-802-0

65

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

DA220 — 4084 cc — 4 cyl.

Ø 100.00	3 - 2.5	Ø 34.000		TL 220.0		TEIKIN NO.
CD 62.00		TL 83.50		OD 113.0		LKFF 39137-4
-5.5	1 - 5.0			FT 8.0		
TL 125.00				FD 119.0		



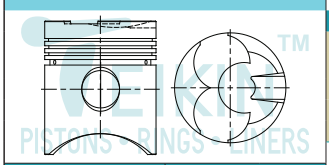
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39137-4	R 39137-4	P 39138	B 39137-4	LFF 39137-4
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
1-12111-126-0	1-12121-001-0		9-12251-083-0	9-11261-276-0
9-12111-126-0	1-12181-005-0			9-11261-287-0
9-12111-376-0	1-12181-006-0			9-11261-287-1
9-12111-901-0	1-12181-038-0			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 22.00 mm

66

DA-120-4R — 6126 cc — 6 cyl. — 1966

Ø 100.00	3 - 2.5	Ø 34.000		TL 220.0		TEIKIN NO.
CD 62.00		TL 83.50		OD 113.0		LKFF 39137
-5.5	1 - 5.0			FT 8.0		
TL 125.00				FD 119.0		



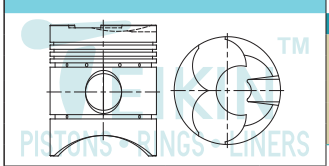
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39137	R 39137	P 39138	B 39137	LFF 39137
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
9-12111-901-0	1-12121-001-0		9-12251-083-0	9-11261-276-0
1-12111-126-0	1-12181-005-0			9-11261-287-0
9-12111-126-0	1-12181-036-0			9-11261-287-1
9-12111-376-0	1-12181-087-0			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 32.50 mm

67

DA-120-5R — 6126 cc — 6 cyl. — 1961-66

Ø 100.00	3 - 2.5	Ø 34.000				
CD 62.00		TL 83.50				
-5.5	2 - 4.0					
TL 125.00						



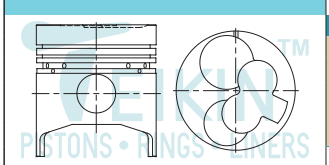
TEIKIN NO.		TEIKIN NO.		
39138		P 39138		
REFERENCE NO.				
9-12111-196-0				

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 28.50 mm

68

4BC1 — 3268 cc — 4 cyl. — 1979

Ø 102.00	1 - 3.0 1 - 2.5	Ø 33.000 TL 83.00		TL 187.0 OD 106.0		TEIKIN NO. LKCF 39165
CD 58.50				FT 4.0		LKFF 39165
-2.3	1 - 5.0			FD 112.0		LKSF 39165
TL 112.10						LKCF 39165A
				*DIMENSION IS FOR LFF		LKFF 39165A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	LKSF 39165A
39165 39165A	R 39165	P 39165	B 39165	LCF 39165 LFF 39165 LSF 39165	
				Surface Treatment: None	
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
5-12111-172-1	5-12121-004-0		5-12251-010-0	5-11261-014-0	
5-12111-188-1	5-12121-005-0		9-12251-603-0	5-11261-014-2	
	5-12181-003-1				
	5-45454-004-2				

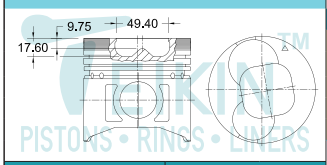
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 32.15 mm

69

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

4BC2 — 3268 cc — 4 cyl. — 1981

Ø 102.00	1 - 3.0 1 - 2.5 1 - 5.0	Ø 35.000 TL 85.00		TL 187.0 OD 106.0 FT 4.0 FD 112.0 *DIMENSION IS FOR LFF	TEIKIN NO. LKCF 39166 LKFF 39166 LKSF 39166 LKCF 39166A LKFF 39166A LKSF 39166A
CD 58.90 -17.6 TL 98.20					
TEIKIN NO. 39166 39166A	TEIKIN NO. R 39165	TEIKIN NO. P 39166	TEIKIN NO. B 39166	TEIKIN NO. LCF 39165 LFF 39165 LSF 39165 Surface Treatment None	
REFERENCE NO. 5-12111-230-4 8-94169-765-0 8-97176-632-0	REFERENCE NO. 5-12121-004-0 5-12121-005-0 5-12181-003-1 5-45454-004-2		REFERENCE NO. 1-12251-027-0 5-12251-006-0 9-12251-602-0	REFERENCE NO. 5-11261-014-0 5-11261-014-2	

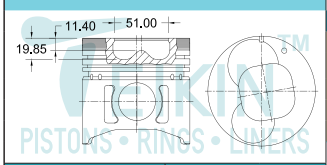


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 17.45 mm

70

4BD1-III — 3856 cc — 4 cyl.

Ø 102.00	1 - 3.0 1 - 2.5 1 - 5.0	Ø 35.000 TL 87.50			
CD 58.90 -19.8 TL 98.30					
TEIKIN NO. 39184 39184A	TEIKIN NO. R 39165	TEIKIN NO. P 39149			
REFERENCE NO. 5-12111-649-1	REFERENCE NO. 5-12121-004-0 5-12121-005-0 5-12181-003-1 5-45454-004-2				

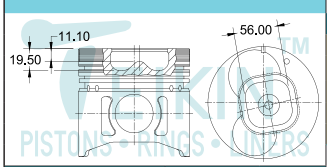


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 17.50 mm

71

4BD1-T — 3856 cc — 4 cyl.

Ø 102.00	1 - 3.0 1 - 2.5 1 - 5.0	Ø 35.000 TL 87.50		TL 204.0 OD 106.0 FT 4.0 FD 112.0 *DIMENSION IS FOR LFF	TEIKIN NO. LKCF 39618 LKFF 39618 LKSF 39618 LKCF 39618A LKFF 39618A LKSF 39618A
CD 58.80 -19.5 TL 98.00					
TEIKIN NO. 39618 39618A (39213)	TEIKIN NO. R 39165	TEIKIN NO. P 39149	TEIKIN NO. B 39166	TEIKIN NO. LCF 39227 LFF 39227 LSF 39227 Surface Treatment None	
REFERENCE NO. 8-94321-734-0 8-94175-027-2 5-12111-242-1 5-87810-280-3	REFERENCE NO. 5-12121-004-0 5-12121-005-0 5-12181-003-1 5-45454-004-2		REFERENCE NO. 1-12251-027-0 5-12251-006-0 9-12251-602-0	REFERENCE NO. 1-11261-118-0 5-11261-004-0 5-11261-118-0	

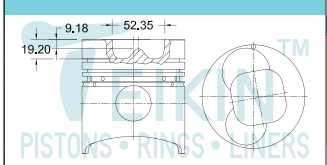


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.80 mm

72

4BB1 — 3595 cc — 4 cyl. — 1972

Ø 102.00	1 - 3.0 1 - 2.5 1 - 5.0	Ø 35.000 TL 87.50		TL 204.0 OD 106.0 FT 4.0 FD 112.0 *DIMENSION IS FOR LFF	TEIKIN NO. LKCF 39148-4 LKFF 39148-4 LKSF 39148-4 LKCF 39148A-4 LKFF 39148A-4 LKSF 39148A-4
CD 62.80 -19.2 TL 112.35					
TEIKIN NO. 39148-4 39148A-4	TEIKIN NO. R 39165	TEIKIN NO. P 39149	TEIKIN NO. B 39166	TEIKIN NO. LCF 39148-4 LFF 39148-4 LSF 39148-4 Surface Treatment None	
REFERENCE NO. 5-12111-013-0	REFERENCE NO. 5-12121-004-0 5-12121-005-0 5-12181-003-1 5-45454-004-2		REFERENCE NO. 1-12251-027-0 5-12251-006-0 9-12251-602-0	REFERENCE NO. 1-11261-118-0 5-11261-004-0 5-11261-118-0	



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.250 mm MP: 24.50 mm

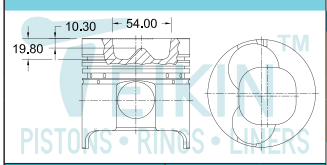
73

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

4BD1 — 3856 cc — 4 cyl.

JCR
1976

Ø 102.00	1 - 3.0	Ø 35.000		TL 204.0	TEIKIN NO.
	1 - 2.5	TL 87.50		OD 106.0	LKCF 39149-4
CD 58.80				FT 4.0	LKFF 39149-4
-19.8	1 - 5.0			FD 112.0	LKSF 39149-4
TL 104.30					LKCF 39149A-4
				*DIMENSION IS FOR LFF	LKFF 39149A-4
					LKSF 39149A-4



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39149-4	R 39165	P 39149	B 39166	LCF 39227
39149A-4				LFF 39227
				LSF 39227
				Surface Treatment
				None

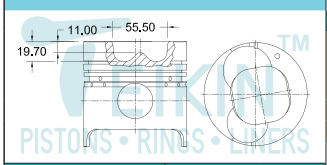
Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
Tin Coated	MRC: 0.210 mm	5-12111-068-0	5-12121-004-0		1-12251-027-0	1-11261-118-0
	MP: 24.50 mm	5-12111-068-2	5-12121-005-0		5-12251-006-0	5-11261-004-0
		5-12111-211-0	5-12181-003-1		9-12251-602-0	5-11261-118-0
		5-12111-211-1	5-45454-004-2			

74

4BD1-II — 3856 cc — 4 cyl.

1985

Ø 102.00	1 - 3.0	Ø 35.000		TL 204.0	TEIKIN NO.
	1 - 2.5	TL 87.50		OD 106.0	LKCF 39151A-4
CD 58.80				FT 4.0	LKFF 39151A-4
-19.7	1 - 5.0			FD 112.0	LKSF 39151A-4
TL 104.20					
				*DIMENSION IS FOR LFF	



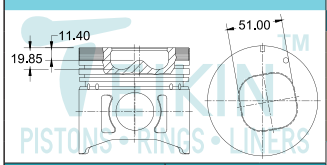
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39151A-4	R 39165	P 39149	B 39166	LCF 39227
				LFF 39227
				LSF 39227
				Surface Treatment
				None

Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
Tin Coated	MRC: 0.210 mm	1-12111-240-1	5-12121-004-0		1-12251-027-0	1-11261-118-0
	MP: 22.60 mm	1-12111-303-0	5-12121-005-0		5-12251-006-0	5-11261-004-0
		1-12111-773-0	5-12181-003-1		9-12251-602-0	5-11261-118-0
		5-12111-240-1	5-45454-004-2			

75

4BD1 LATE — 3856 cc — 4 cyl.

Ø 102.00	1 - 3.0	Ø 35.000		TL 204.0	TEIKIN NO.
	1 - 2.5	TL 87.50		OD 106.0	LKCF 39227A
CD 58.80				FT 4.0	LKFF 39227A
-19.9	1 - 5.0			FD 112.0	LKSF 39227A
TL 98.25					
				*DIMENSION IS FOR LFF	



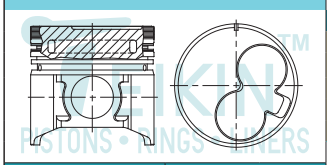
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39227A	R 39165	P 39149	B 39166	LCF 39227
				LFF 39227
				LSF 39227
				Surface Treatment
				None

Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
Tin Coated	MRC: 0.040 mm	8-94452-912-0	5-12121-004-0		1-12251-027-0	1-11261-118-0
	MP: 17.50 mm		5-12121-005-0		5-12251-006-0	5-11261-004-0
			5-12181-003-1		9-12251-602-0	5-11261-118-0
			5-45454-004-2			

76

4BD2-T — 3856 cc — 4 cyl.

Ø 102.00	1 - 3.0	Ø 35.000		TL 204.0	TEIKIN NO.
	1 - 2.5	TL 87.40		OD 106.0	LKCF 39611AG
CD 58.70				FT 4.0	LKFF 39611AG
-2.9	1 - 5.0			FD 112.0	LKSF 39611AG
TL 98.10					
				*DIMENSION IS FOR LFF	



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39611AG	R 39165	P 39611	B 39166	LCF 39227
(39200)				LFF 39227
				LSF 39227
				Surface Treatment
				None

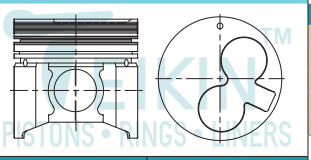
Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
Tin Coated	MRC: 0.040 mm	8-97025-457-2	5-12121-004-0		1-12251-027-0	1-11261-118-0
Anodized Crown	MP: 17.00 mm	8-97176-640-0	5-12121-005-0		5-12251-006-0	5-11261-004-0
			5-12181-003-1		9-12251-602-0	5-11261-118-0
			5-45454-004-2			

77

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

4BD2-T LATE — 3856 cc — 4 cyl. — 1995-98

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 102.00	1 - 3.0	Ø 35.000		TL 204.0		TEIKIN NO.
	1 - 2.0	TL 87.50		OD 106.0		LKFF 39655AG
CD 58.80				FT 4.0		LKSF 39655AG
-3.2	1 - 4.0			FD 112.0		LKCF 39655AG
TL 98.10				*DIMENSION IS FOR LFF		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
39655AG	R 39655	P 39149	B 39166	LCF 39227		
				LFF 39227		
				LSF 39227		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
8-97176-642-0	8-97117-686-0		1-12251-027-0	1-11261-118-0		
			5-12251-006-0	5-11261-004-0		
			9-12251-602-0	5-11261-118-0		

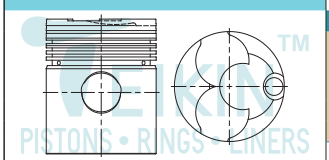


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Anodized Crown	MP: 15.50 mm

78

DA-640 — 6373 cc — 6 cyl. — 1966

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 102.00	3 - 2.5	Ø 36.000		TL 228.0		TEIKIN NO.
		TL 86.50		OD 113.0		LKFF 39142
CD 68.00				FT 8.0		LKFF 39142A
-6.1	1 - 5.0			FD 119.0		
TL 125.00						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
39142	R 39142	P 39142	B 39142	LFF 39142		
39142A				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
1-12111-740-0	1-12121-009-0		9-12251-084-0	9-11261-277-0		
1-12111-122-0	1-12181-007-0			9-11261-288-0		
9-12111-740-0	1-12181-033-0					
9-12111-902-1	1-12181-074-0					

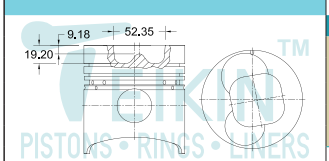


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm
	MP: 19.50 mm

79

6BB1 — 5393 cc — 6 cyl. — 1972

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 102.00	1 - 3.0	Ø 35.000		TL 204.0		TEIKIN NO.
	1 - 2.5	TL 87.50		OD 105.0		LKCF 39148
CD 62.80				FT 1.4		LKSF 39148
-19.2	1 - 5.0			FD 112.0		LKCF 39148A
TL 112.35				*DIMENSION IS FOR LCF		LKSF 39148A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
39148	R 39148	P 39149	B 39148	LCF 39148		
39148A				LSF 39148		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
5-12111-013-0	5-12121-005-0		1-12251-027-0	5-11261-004-0		
	5-12181-023-2		5-12251-006-0	5-11261-118-0		
				1-11261-118-0		

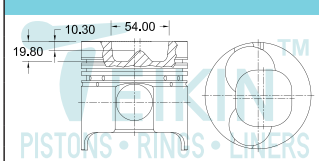


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.250 mm
	MP: 24.50 mm

80

6BD1 — 5785 cc — 6 cyl. — JCR — 1976

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 102.00	1 - 3.0	Ø 35.000		TL 204.0		TEIKIN NO.
	1 - 2.5	TL 87.50		OD 105.0		LKCF 39149
CD 58.80				FT 1.4		LKSF 39149
-19.8	1 - 5.0			FD 112.0		LKCF 39149A
TL 104.30				*DIMENSION IS FOR LCF		LKSF 39149A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
39149	R 39148	P 39149	B 39148	LCF 39148		
39149A				LSF 39148		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
5-12111-068-0	5-12121-005-0		1-12251-027-0	5-11261-004-0		
5-12111-068-2	5-12181-023-2		5-12251-006-0	5-11261-118-0		
5-12111-211-0				1-11261-118-0		
5-12111-211-1						



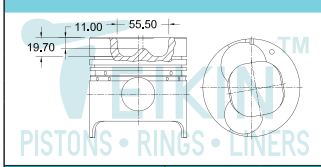
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.210 mm
	MP: 24.50 mm

81

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

6BD1-II — 5785 cc — 6 cyl. — 1985

Ø 102.00	1 - 3.0 1 - 2.5 1 - 5.0	Ø 35.000 TL 87.50		TL 204.0 OD 105.0 FT 1.4 FD 112.0 *DIMENSION IS FOR LCF	TEIKIN NO. LKCF 39151 LKSF 39151 LKCF 39151A LKSF 39151A
CD 58.80 -19.7 TL 104.20					



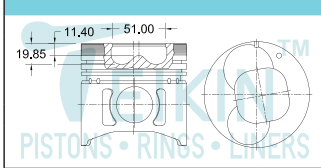
TEIKIN NO. 39151 39151A	TEIKIN NO. R 39148	TEIKIN NO. P 39149	TEIKIN NO. B 39148	TEIKIN NO. LCF 39148 LSF 39148 Surface Treatment None	
REFERENCE NO. 1-12111-240-1 1-12111-303-0 1-12111-773-0 5-12111-240-1	REFERENCE NO. 5-12121-005-0 5-12181-023-2		REFERENCE NO. 1-12251-027-0 5-12251-006-0	REFERENCE NO. 5-11261-004-0 5-11261-118-0 1-11261-118-0	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.210 mm MP: 22.60 mm

82

6BD1-III — 5785 cc — 6 cyl.

Ø 102.00	1 - 3.0 1 - 2.5 1 - 5.0	Ø 35.000 TL 87.50		TL 204.0 OD 105.0 FT 1.4 FD 112.0 *DIMENSION IS FOR LCF	TEIKIN NO. LKCF 39184-6 LKSF 39184-6 LKCF 39184A-6 LKSF 39184A-6
CD 58.90 -19.9 TL 98.30					



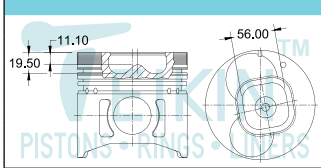
TEIKIN NO. 39184-6 39184A-6	TEIKIN NO. R 39148	TEIKIN NO. P 39149	TEIKIN NO. B 39148	TEIKIN NO. LCF 39148 LSF 39148 Surface Treatment None	
REFERENCE NO. 5-12111-649-1	REFERENCE NO. 5-12121-005-0 5-12181-023-2		REFERENCE NO. 1-12251-027-0 1-12251-032-0 5-12251-006-0	REFERENCE NO. 5-11261-004-0 5-11261-118-0 1-11261-118-0	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 17.50 mm

83

6BD1-T — 6 cyl.

Ø 102.00	1 - 3.0 1 - 2.5 1 - 5.0	Ø 35.000 TL 87.50		TL 204.0 OD 106.0 FT 4.0 FD 112.0 *DIMENSION IS FOR LFF	TEIKIN NO. LKCF 39618-6 LKFF 39618-6 LKSF 39618-6
CD 58.70 -19.5 TL 97.90					



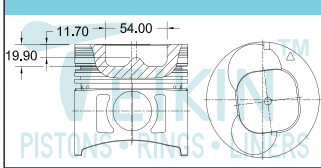
TEIKIN NO. 39618-6	TEIKIN NO. R 39148	TEIKIN NO. P 39149	TEIKIN NO. B 39148	TEIKIN NO. LCF 39227-6 LFF 39227-6 LSF 39227-6 Surface Treatment None	
REFERENCE NO. 8-94321-734-0 8-94175-027-2 5-12111-242-1 5-87810-280-3	REFERENCE NO. 5-12121-005-0 5-12181-023-2		REFERENCE NO. 1-12251-027-0 5-12251-006-0 9-12251-602-0 1-12251-032-0	REFERENCE NO. 1-11261-118-0 5-11261-004-0 5-11261-118-0	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.80 mm

84

6BD1-T — 5785 cc — 6 cyl.

Ø 102.00	1 - 3.0 1 - 2.5 1 - 5.0	Ø 35.000 TL 87.50		TL 204.0 OD 105.0 FT 1.4 FD 112.0 *DIMENSION IS FOR LCF	TEIKIN NO. LKCF 39667A LKSF 39667A
CD 58.80 -19.9 TL 98.00					



TEIKIN NO. 39667A	TEIKIN NO. R 39148	TEIKIN NO. P 39149	TEIKIN NO. B 39148	TEIKIN NO. LCF 39148 LSF 39148 Surface Treatment None	
REFERENCE NO. 1-12111-325-1 1-12111-428-0 1-12111-428-1	REFERENCE NO. 5-12121-005-0 5-12181-023-2		REFERENCE NO. 1-12251-027-0 5-12251-006-0	REFERENCE NO. 5-11261-004-0 5-11261-118-0 1-11261-118-0	

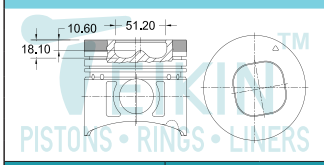
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 17.50 mm

85

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

4BE1 — 3636 cc — 4 cyl.

Ø 105.00	1 - 3.0 1 - 2.5 1 - 5.0	Ø 35.000 TL 85.00		TL 187.0 OD 107.0 FT 1.4 FD 113.0	TEIKIN NO. LKCF 39180 LKCF 39180A
CD 56.40 -18.1 TL 95.70					
TEIKIN NO. 39180 39180A	TEIKIN NO. R 39180	TEIKIN NO. P 39166	TEIKIN NO. B 39166	TEIKIN NO. LCF 39180 Surface Treatment None	
REFERENCE NO. 8-94478-116-0	REFERENCE NO. 8-94418-918-0		REFERENCE NO. 1-12251-027-0 5-12251-006-0 9-12251-602-0	REFERENCE NO. 5-11261-016-2	

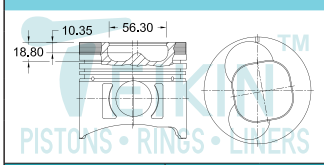


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.65 mm

86

4BG1 — 4 cyl.

Ø 105.00	1 - 3.0 1 - 2.5 1 - 4.0	Ø 35.000 TL 87.50		TL 203.0 OD 109.0 FT 4.0 FD 112.8 *DIMENSION IS FOR LFF	TEIKIN NO. LKCF 39182-4 LKFF 39182-4 LKCF 39182A-4 LKFF 39182A-4
CD 55.30 -18.8 TL 94.50					
TEIKIN NO. 39182-4 39182A-4	TEIKIN NO. R 39182-4	TEIKIN NO. P 39149	TEIKIN NO. B 39166	TEIKIN NO. LCF 39182-4 LFF 39182-4 Surface Treatment None	
REFERENCE NO. 1-12111-377-4 1-12111-323-2 1-12111-528-0 1-12111-529-0	REFERENCE NO. 1-12121-065-0		REFERENCE NO. 1-12251-027-0 5-12251-006-0	REFERENCE NO. 1-11261-119-0	

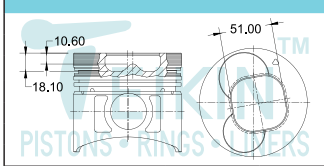


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.90 mm

87

4BE1-II — 3636 cc — 4 cyl.

Ø 105.00	1 - 3.0 1 - 2.5 1 - 5.0	Ø 35.000 TL 85.00		TL 187.0 OD 107.0 FT 1.4 FD 113.0	TEIKIN NO. LKCF 39612 LKCF 39612A
CD 56.40 -18.1 TL 95.60					
TEIKIN NO. 39612 39612A (39201)	TEIKIN NO. R 39180	TEIKIN NO. P 39166	TEIKIN NO. B 39166	TEIKIN NO. LCF 39180 Surface Treatment None	
REFERENCE NO. 8-94438-989-1 8-97176-644-1 5-12111-022-0	REFERENCE NO. 8-94418-918-0		REFERENCE NO. 1-12251-027-0 5-12251-006-0 9-12251-602-0	REFERENCE NO. 5-11261-016-2	

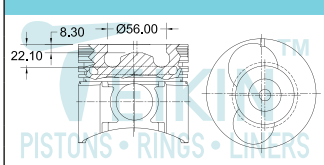


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.120 mm MP: 21.00 mm

88

4BG1-T — 4 cyl.

Ø 105.00	1 - 3.5 1 - 2.5 1 - 4.0	Ø 35.000 TL 87.50		TL 203.0 OD 109.0 FT 4.0 FD 112.8 *DIMENSION IS FOR LFF	TEIKIN NO. LKCF 39614AG-4 LKFF 39614AG-4
CD 55.20 -22.1 TL 94.50					
TEIKIN NO. 39614AG-4	TEIKIN NO. R 39614-4	TEIKIN NO. P 39149	TEIKIN NO. B 39166	TEIKIN NO. LCF 39182-4 LFF 39182-4 Surface Treatment None	
REFERENCE NO. 1-12111-626-0	REFERENCE NO. 1-12121-115-0		REFERENCE NO. 1-12251-027-0 5-12251-006-0 9-12251-602-0	REFERENCE NO. 1-11261-119-0	



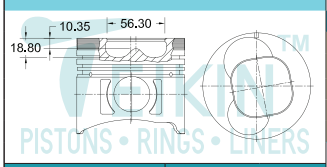
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 18.00 mm

89

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

6BG1 — 6494 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 105.00 CD 55.30 -18.8 TL 94.50	1 - 3.0 1 - 2.5 1 - 4.0	Ø 35.000 TL 87.50		TL 203.0 OD 109.0 FT 4.0 FD 112.8 *DIMENSION IS FOR LFF		TEIKIN NO. LKCF 39182 LKFF 39182 LKCF 39182A LKFF 39182A
TEIKIN NO. 39182 39182A	TEIKIN NO. R 39182	TEIKIN NO. P 39149	TEIKIN NO. B 39148	TEIKIN NO. LCF 39182 LFF 39182 Surface Treatment None		
REFERENCE NO. 1-12111-377-4 1-12111-323-2 1-12111-528-0 1-12111-529-0	REFERENCE NO. 1-12121-065-0		REFERENCE NO. 1-12251-027-0 5-12251-006-0	REFERENCE NO. 1-11261-119-0		

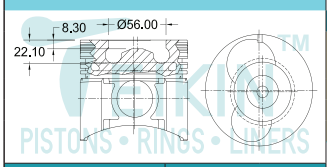


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.90 mm

90

6BG1-T — 6494 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 105.00 CD 55.20 -22.1 TL 94.50	1 - 3.5 1 - 2.5 1 - 4.0	Ø 35.000 TL 87.50		TL 203.0 OD 109.0 FT 4.0 FD 112.8 *DIMENSION IS FOR LFF		TEIKIN NO. LKCF 39614 LKFF 39614 LKCF 39614AG LKFF 39614AG
TEIKIN NO. 39614 39614AG (39203)	TEIKIN NO. R 39614	TEIKIN NO. P 39149	TEIKIN NO. B 39148	TEIKIN NO. LCF 39182 LFF 39182 Surface Treatment None		
REFERENCE NO. 1-12111-626-0	REFERENCE NO. 1-12121-115-0		REFERENCE NO. 1-12251-027-0 5-12251-006-0	REFERENCE NO. 1-11261-119-0		

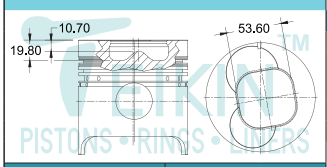


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 18.00 mm

91

6BF1 — 6130 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 105.00 CD 58.70 -19.8 TL 110.00	1 - 3.0 1 - 2.5 1 - 5.0	Ø 35.000 TL 87.50		TL 203.0 OD 109.0 FT 4.0 FD 112.8 *DIMENSION IS FOR LFF		TEIKIN NO. LKCF 39616 LKFF 39616 LKCF 39616A LKFF 39616A
TEIKIN NO. 39616 39616A (39206)	TEIKIN NO. R 39616	TEIKIN NO. P 39149	TEIKIN NO. B 39148	TEIKIN NO. LCF 39182 LFF 39182 Surface Treatment None		
REFERENCE NO. 1-12111-345-0	REFERENCE NO. 1-12121-052-0 5-12121-006-0		REFERENCE NO. 1-12251-027-0 5-12251-006-0	REFERENCE NO. 1-11261-119-0		

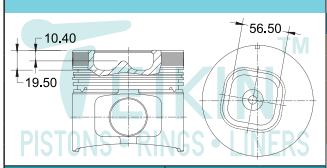


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.140 mm MP: 20.00 mm

92

4HE1 — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 110.00 CD 65.90 -19.5 TL 99.80	1 - 3.0 1 - 2.5 1 - 4.0	Ø 36.000 TL 79.00		TL 210.0 OD 113.0 FT 5.6 + 0.4 FD 119.7 *DIMENSION IS FOR LFF		TEIKIN NO. LKFF 39607-4 LKSF 39607-4
TEIKIN NO. 39607-4	TEIKIN NO. R 39607-4	TEIKIN NO. P 39181	TEIKIN NO. B 39181	TEIKIN NO. LFF 39607-4* LSF 39607-4 Surface Treatment *Phosphate (PH)		
REFERENCE NO. 8-94396-837-0	REFERENCE NO. 8-94396-840-0		REFERENCE NO. 1-12251-036-0	REFERENCE NO. 8-94396-332-0 8-94391-600-0 8-94391-601-0		



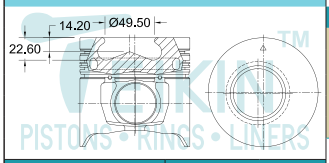
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 8.50 mm

93

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

4HE1-TC — 4751 cc — 4 cyl.

Ø 110.00	1 - 3.0 HK 1 - 2.0 1 - 1.2 1 - 3.0	Ø 40.000 TL 87.00		TL 210.0 OD 113.0 FT 5.6 + 0.4 FD 119.7	TEIKIN NO. LKFF 39664AG LKSF 39664AG
CD 66.20 -22.6 TL 110.10					
TEIKIN NO. 39664AG	**TEIKIN NO.** R 39664	**TEIKIN NO.** P 39671	**TEIKIN NO.** B 39664	**TEIKIN NO.** LFF 39607-4 LSF 39607-4 **Surface Treatment** *Phosphate (PH)	
REFERENCE NO. 8-94391-696-0	**REFERENCE NO.** 8-97166-992-0		**REFERENCE NO.** 8-94394-613-0	**REFERENCE NO.** 8-94391-600-0 8-94391-601-0	

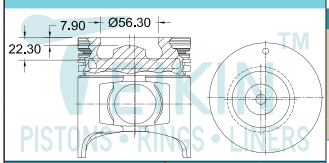


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.050 mm MP: 18.50 mm

94

4HE1-T — 4751 cc — 4 cyl.

Ø 110.00	1 - 3.0 HK 1 - 2.5 1 - 4.0	Ø 40.000 TL 87.00		TL 210.0 OD 115.0 FT 5.7 + 0.4 FD 121.7 *DIMENSION IS FOR LFF	TEIKIN NO. LKFF 39666AG LKSF 39666AG
CD 66.20 -22.3 TL 120.00					
TEIKIN NO. 39666AG	**TEIKIN NO.** R 39666	**TEIKIN NO.** P 39671	**TEIKIN NO.** B 39664	**TEIKIN NO.** LFF 39666* LSF 39666 **Surface Treatment** *Phosphate (PH)	
REFERENCE NO. 8-97176-652-0 8-97183-664-0 8-97183-665-0 8-97233-129-0 8-97233-130-0	**REFERENCE NO.** 8-97078-779-0		**REFERENCE NO.** 8-94394-613-0	**REFERENCE NO.** 8-97176-723-0 8-97176-724-0 8-97176-725-0 8-97176-726-0 8-97176-728-0	

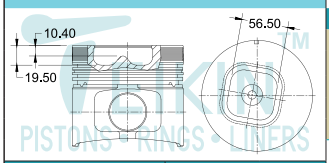


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 30.00 mm

95

6HE1 — 7127 cc — 6 cyl.

Ø 110.00	1 - 3.0 1 - 2.5 1 - 4.0	Ø 36.000 TL 79.00		TL 210.0 OD 113.0 FT 5.60 + 0.4 FD 119.7 *DIMENSION IS FOR LFF	TEIKIN NO. LKFF 39607 LKSF 39607 LKFF 39607A LKSF 39607A
CD 66.00 -19.5 TL 99.90					
TEIKIN NO. 39607 39607A (39194)	**TEIKIN NO.** R 39607	**TEIKIN NO.** P 39181	**TEIKIN NO.** B 39607	**TEIKIN NO.** LFF 39607* LSF 39607 **Surface Treatment** *Phosphate (PH)	
REFERENCE NO. 8-94396-837-0	**REFERENCE NO.** 8-94396-840-0		**REFERENCE NO.** 1-12251-036-0	**REFERENCE NO.** 8-94396-332-0 8-94391-600-0 8-94391-601-0	

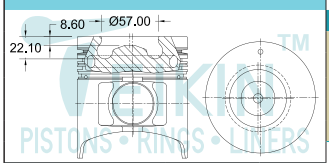


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 18.00 mm

96

6HE1-T — 7127 cc — 6 cyl.

Ø 110.00	1 - 3.9 FK 1 - 3.0 1 - 2.5 1 - 3.0	Ø 40.000 TL 87.00		TL 210.0 OD 113.0 FT 5.6 + 0.4 FD 119.7 *DIMENSION IS FOR LFF	TEIKIN NO. LKFF 39663AG LKSF 39663AG
CD 66.10 -22.1 TL 119.90					
TEIKIN NO. 39663AG	**TEIKIN NO.** R 39663	**TEIKIN NO.** P 39671	**TEIKIN NO.** B 39663	**TEIKIN NO.** LFF 39607 LSF 39607 **Surface Treatment** *Phosphate (PH)	
REFERENCE NO. 8-94391-594-0	**REFERENCE NO.** 8-94390-529-1 8-94395-061-3 8-94395-061-4 8-94395-061-5		**REFERENCE NO.** 8-94394-613-0	**REFERENCE NO.** 8-94391-600-0 8-94391-601-0 8-94396-332-0	



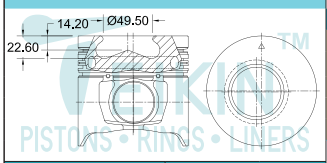
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.110 mm MP: 28.00 mm

97

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

6HE1-TC — 7127 cc — 6 cyl.

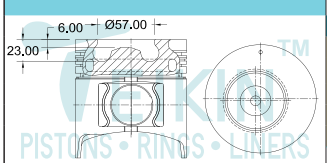
Ø 110.00	1 - 3.0 HK 1 - 2.0 1 - 1.2 1 - 3.0	Ø 40.000 TL 87.00		TL 210.0 OD 113.0 FT 5.6 + 0.4 FD 119.7 *DIMENSION IS FOR LFF	TEIKIN NO. LKFF 39664AG-6 LKSF 39664AG-6
CD 66.20 -22.6 TL 110.10					
TEIKIN NO. 39664AG-6	**TEIKIN NO.** R 39664-6	**TEIKIN NO.** P 39671	**TEIKIN NO.** B 39663	**TEIKIN NO.** LFF 39607* LSF 39607 **Surface Treatment** *Phosphate (PH)	
REFERENCE NO. 8-94391-696-0	**REFERENCE NO.** 8-97166-992-0		**REFERENCE NO.** 8-94394-613-0	**REFERENCE NO.** 8-94396-332-0 8-94391-600-0 8-94391-601-0	98



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.050 mm MP: 18.50 mm

6HE1-T-II — 7127 cc — 6 cyl.

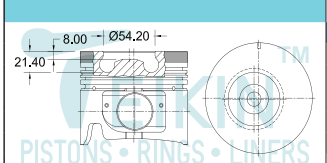
Ø 110.00	1 - 3.9 FK 1 - 3.0 1 - 2.5 1 - 3.0	Ø 40.000 TL 87.00		TL 210.0 OD 113.0 FT 5.6 + 0.4 FD 119.7	TEIKIN NO. LKFF 39683AG LKSF 39683AG
CD 66.10 -23.0 TL 119.70					
TEIKIN NO. 39683AG	**TEIKIN NO.** R 39663	**TEIKIN NO.** P 39665	**TEIKIN NO.** B 39663	**TEIKIN NO.** LFF 39607 LSF 39607 **Surface Treatment** *Phosphate (PH)	
REFERENCE NO. 8-94391-605-0	**REFERENCE NO.** 8-94390-529-1 8-94395-061-3 8-94395-061-4 8-94395-061-5		**REFERENCE NO.** 8-94394-613-0	**REFERENCE NO.** 8-94391-600-0 8-94391-601-0 8-94396-332-0	99



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.110 mm MP: 34.00 mm

4HF1 — 4334 cc — 4 cyl.

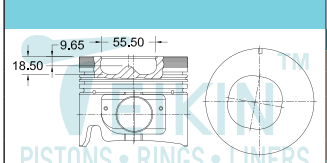
Ø 112.00	1 - 3.0 1 - 2.5 1 - 4.0	Ø 36.000 TL 79.00		TL 180.0 OD 115.0 FT 6.1 FD 121.65 *DIMENSION IS FOR LFF	TEIKIN NO. LKFF 39181 LKSF 39181 LKFF 39181A LKSF 39181A
CD 60.80 -21.4 TL 94.55					
TEIKIN NO. 39181 39181A	**TEIKIN NO.** R 39181	**TEIKIN NO.** P 39181	**TEIKIN NO.** B 39181	**TEIKIN NO.** LFF 39181* LSF 39181 **Surface Treatment** *Phosphate (PH)	
REFERENCE NO. 8-97095-585-1 8-97176-655-0	**REFERENCE NO.** 8-97028-691-0		**REFERENCE NO.** 1-12251-036-0	**REFERENCE NO.** 8-97144-174-0 8-97176-727-0 8-97176-728-0	100



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 9.50 mm

4HF1-II — 4334 cc — 4 cyl.

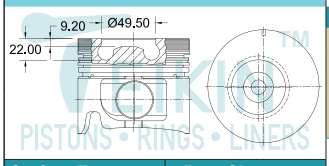
Ø 112.00	1 - 3.0 1 - 2.5 1 - 4.0	Ø 36.000 TL 79.00		TL 180.0 OD 115.0 FT 6.1 FD 121.65 *DIMENSION IS FOR LFF	TEIKIN NO. LKFF 39187 LKSF 39187 LKFF 39187A LKSF 39187A
CD 60.80 -18.5 TL 94.55					
TEIKIN NO. 39187 39187A	**TEIKIN NO.** R 39181	**TEIKIN NO.** P 39181	**TEIKIN NO.** B 39181	**TEIKIN NO.** LFF 39181* LSF 39181 **Surface Treatment** *Phosphate (PH)	
REFERENCE NO. 8-97095-654-0 8-97063-867-0	**REFERENCE NO.** 8-97028-691-0		**REFERENCE NO.** 1-12251-036-0	**REFERENCE NO.** 8-97144-174-0 8-97176-727-0 8-97176-728-0	101



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 9.50 mm

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
					LINER			

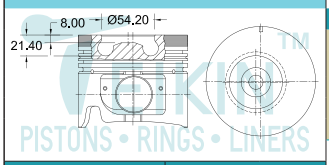
4HF1 NEW — 4334 cc — 4 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 9.50 mm

Ø 112.00								TEIKIN NO.
		1 - 3.0 HK	Ø 36.000		TL	180.0		LKFF 39672A
		1 - 2.5	TL 79.00		OD	115.0		LKSF 39672A
CD	60.80				FT	6.1		
	-22.0	1 - 4.0			FD	121.65		
TL	94.50					*DIMENSION IS FOR LFF		
TEIKIN NO.		TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
39672A		R 39672	P 39181	B 39181	LFF 39181* LSF 39181			
					Surface Treatment			
					*Phosphate (PH)			
REFERENCE NO.		REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
8-97183-667-0		8-97109-462-0		1-12251-036-0	8-97144-174-0 8-97176-727-0 8-97176-728-0			102

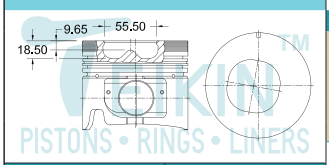
6HF1 — 6 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 9.50 mm

Ø 112.00								TEIKIN NO.
		1 - 3.0	Ø 36.000		TL	180.0		LKFF 39181-6
		1 - 2.5	TL 79.00		OD	115.0		LKSF 39181-6
CD	60.80				FT	6.1		LKFF 39181A-6
	-21.4	1 - 4.0			FD	121.65		LKSF 39181A-6
TL	94.55					*DIMENSION IS FOR LFF		
TEIKIN NO.		TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
39181-6 39181A-6		R 39181-6	P 39181	B 39607	LFF 39181-6 LSF 39181-6			
					Surface Treatment			
					*Phosphate (PH)			
REFERENCE NO.		REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
8-97095-585-1 8-97176-655-0		8-97028-691-0		1-12251-036-0	8-97144-174-0 8-97176-727-0 8-97176-728-0			103

6HF1-II — 6 cyl.

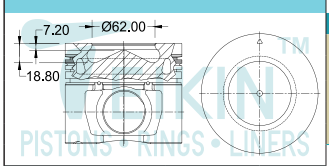


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 9.50 mm

Ø 112.00								TEIKIN NO.
		1 - 3.0	Ø 36.000		TL	180.0		LKFF 39187A-6
		1 - 2.5	TL 79.00		OD	115.0		LKSF 39187A-6
CD	60.80				FT	6.1		
	-18.5	1 - 4.0			FD	121.65		
TL	94.55					*DIMENSION IS FOR LFF		
TEIKIN NO.		TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
39187A-6		R 39181-6	P 39181	B 39607	LFF 39181-6 LSF 39181-6			
					Surface Treatment			
					*Phosphate (PH)			
REFERENCE NO.		REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
8-97095-654-0 8-97063-867-0		8-97028-691-0		1-12251-036-0	8-97144-174-0 8-97176-727-0 8-97176-728-0			104

4HK1-TC — 5193 cc — 4 cyl.

ELF400/450 ~
NPR ~ NPS ~ NQR
1994-



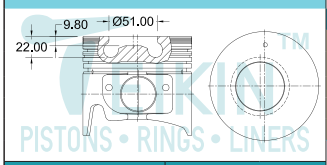
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 5.00 mm

Ø 115.00								TEIKIN NO.
		1 - 3.0 HK	Ø 40.000		TL	210.0		LKFF 39244AG
		1 - 2.5	TL 87.00		OD	118.0		LKSF 39244AG
CD	66.10				FT	6.0		
	-18.8	1 - 4.0			FD	123.7		
TL	96.60							
TEIKIN NO.		TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
39244AG		R 39653	P 39671	B 39671	LFF 39671* LSF 39671			
					Surface Treatment			
					*Phosphate (PH)			
REFERENCE NO.		REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
8-97602-800-0		8-97105-867-0 8-97219-054-0 8-98055-478-0		8-94391-794-0	8-98014-046-0 8-98014-047-0			105

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

4HG1 — 4751 cc — 4 cyl.

Ø 115.00	1 - 3.0 HK 1 - 2.5 1 - 4.0	Ø 36.000 TL 79.00		TL 180.0 OD 118.0 FT 6.1 FD 123.6 *DIMENSION IS FOR LFF	TEIKIN NO. LKFF 39653 LKSF 39653 LKFF 39653A LKSF 39653A
CD 60.70 -22.0 TL 104.40					
TEIKIN NO. 39653 39653A	TEIKIN NO. R 39653	TEIKIN NO. P 39181	TEIKIN NO. B 39181	TEIKIN NO. LFF 39653* LSF 39653 Surface Treatment *Phosphate (PH)	
REFERENCE NO. 8-97183-666-0	REFERENCE NO. 8-97105-867-0 8-97219-054-0 8-98055-478-0		REFERENCE NO. 1-12251-036-0	REFERENCE NO. 8-97176-729-0 8-97176-730-0 8-97351-558-0/1 8-97351-559-0/1 8-98014-048-0	

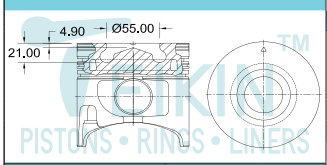


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 19.50 mm

106

4HL1 — 4777 cc — 4 cyl.

Ø 115.00	1 - 3.0 1 - 2.0 1 - 3.0	Ø 36.000 TL 79.00		TL 190.0 OD 118.0 FT 6.0 FD 123.7 *DIMENSION IS FOR LFF	TEIKIN NO. LKFF 39670AG LKSF 39670AG
CD 58.20 -21.0 TL 112.00					
TEIKIN NO. 39670AG	TEIKIN NO. R 39670	TEIKIN NO. P 39181	TEIKIN NO. B 39181	TEIKIN NO. LFF 39670* LSF 39670 Surface Treatment *Phosphate (PH)	
REFERENCE NO. 8-97331-643-0	REFERENCE NO. 8-97331-641-0		REFERENCE NO. 1-12251-036-0	REFERENCE NO.	

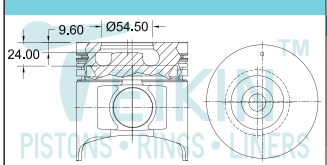


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 29.50 mm

107

4HK1-TC-II — 5193 cc — 4 cyl.

Ø 115.00	1 - 3.0 HK 1 - 2.5 1 - 4.0	Ø 40.000 TL 87.00		TL 210.0 OD 118.0 FT 6.0 FD 123.7 *DIMENSION IS FOR LFF	TEIKIN NO. LKFF 39671AG LKSF 39671AG
CD 66.10 -24.0 TL 119.90					
TEIKIN NO. 39671AG	TEIKIN NO. R 39653	TEIKIN NO. P 39671	TEIKIN NO. B 39671	TEIKIN NO. LFF 39671* LSF 39671 Surface Treatment *Phosphate (PH)	
REFERENCE NO. 8-97228-303-0	REFERENCE NO. 8-97105-867-0 8-97219-054-0 8-98055-478-0		REFERENCE NO. 8-94391-794-0	REFERENCE NO. 8-98014-046-0 8-98014-047-0	

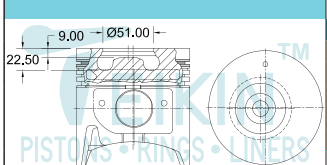


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.040 mm MP: 28.00 mm

108

4HG1-T — 4751 cc — 4 cyl.

Ø 115.00	1 - 3.0 HK 1 - 2.5 1 - 4.0	Ø 36.000 TL 79.00		TL 180.0 OD 118.0 FT 6.1 FD 123.6 *DIMENSION IS FOR LFF	TEIKIN NO. LKFF 39676AG LKSF 39676AG
CD 60.70 -22.5 TL 119.40					
TEIKIN NO. 39676AG	TEIKIN NO. R 39653	TEIKIN NO. P 39181	TEIKIN NO. B 39181	TEIKIN NO. LFF 39653* LSF 39653 Surface Treatment *Phosphate (PH)	
REFERENCE NO. 8-97219-032-0	REFERENCE NO. 8-97105-867-0 8-97219-054-0 8-98055-478-0		REFERENCE NO. 1-12251-036-0	REFERENCE NO. 8-97176-729-0 8-97176-730-0 8-97351-558-0/1 8-97351-559-0/1 8-98014-048-0	



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 33.50 mm

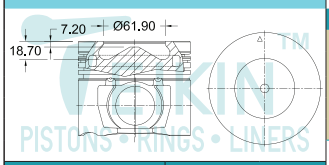
109

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

4HK1-TC-III — 5193 cc — 4 cyl.

NPR - NQR 2006

Ø 115.00	1 - 3.0 HK	Ø 40.000		TL 210.0		TEIKIN NO.
	1 - 2.5	TL 87.00		OD 118.0		LKFF 39679AG
CD 66.10				FT 6.0		LKSF 39679AG
-18.7	1 - 4.0			FD 123.7		
TL 96.50				*DIMENSION IS FOR LFF		
TEIKIN NO. 39679AG	TEIKIN NO. R 39653	TEIKIN NO. P 39665	TEIKIN NO. B 39671	TEIKIN NO. LFF 39671* LSF 39671		
				Surface Treatment *Phosphate (PH)		
REFERENCE NO. 8-98041-141-0	REFERENCE NO. 8-97105-867-0 8-97219-054-0 8-98055-478-0		REFERENCE NO. 8-94391-794-0	REFERENCE NO. 8-98014-046-0 8-98014-047-0		

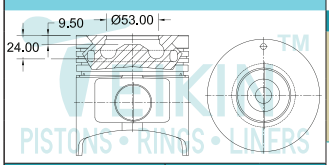


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.040 mm MP: 5.50 mm

110

4HJ1 — 4985 cc — 4 cyl.

Ø 115.00	1 - 3.0 HK	Ø 36.000		TL 200.0		TEIKIN NO.
	1 - 2.5	TL 79.00		OD 118.0		LKFF 39681AG
CD 68.70				FT 6.0		LKSF 39681AG
-24.0	1 - 4.0			FD 123.7		
TL 122.50				*DIMENSION IS FOR LFF		
TEIKIN NO. 39681AG	TEIKIN NO. R 39653	TEIKIN NO. P 39681	TEIKIN NO. B 39181	TEIKIN NO. LFF 39681* LSF 39681		
				Surface Treatment *Phosphate (PH)		
REFERENCE NO. 8-97228-302-0	REFERENCE NO. 8-97105-867-0 8-97219-054-0 8-98055-478-0		REFERENCE NO. 1-12251-036-0	REFERENCE NO.		

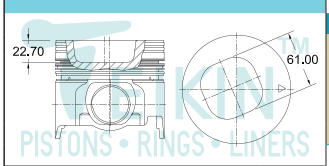


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.060 mm MP: 23.00 mm

111

6SA1 — 8413 cc — 6 cyl.

Ø 115.00	1 - 3.0	Ø 38.000		TL 216.0		TEIKIN NO.
	1 - 2.5	TL 80.00		OD 119.0		LKFF 39606
CD 67.80				FT 6.0		LKFF 39606A
-22.7	1 - 4.0			FD 120.0		
TL 104.00						
TEIKIN NO. 39606 39606A (39192)	TEIKIN NO. R 39606	TEIKIN NO. P 39606	TEIKIN NO. B 39606	TEIKIN NO. LFF 39606		
				Surface Treatment None		
REFERENCE NO. 1-12111-217-1	REFERENCE NO. 1-12121-070-0 1-12121-075-0 1-12121-113-0 1-12121-750-0		REFERENCE NO. 1-12251-016-0 1-12251-016-2	REFERENCE NO. 1-11261-065-3 1-11261-094-1		

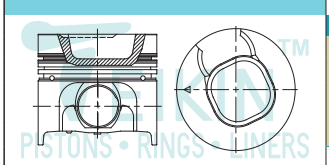


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.140 mm MP: 10.00 mm

112

6SA1-T — 8413 cc — 6 cyl.

Ø 115.00	1 - 3.0	Ø 38.000		TL 216.0		TEIKIN NO.
	1 - 2.5	TL 80.00		OD 119.0		LKFF 39615AG
CD 67.80				FT 6.0		
-23.2	1 - 4.0			FD 120.0		
TL 104.20						
TEIKIN NO. 39615AG (39204)	TEIKIN NO. R 39606	TEIKIN NO. P 39615	TEIKIN NO. B 39606	TEIKIN NO. LFF 39606		
				Surface Treatment None		
REFERENCE NO. 1-12111-459-1	REFERENCE NO. 1-12121-070-0 1-12121-075-0 1-12121-113-0 1-12121-750-0		REFERENCE NO. 1-12251-016-0 1-12251-016-2	REFERENCE NO. 1-11261-065-3 1-11261-094-1		



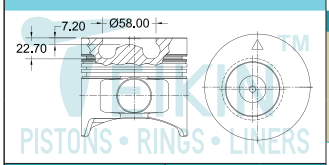
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.200 mm MP: 40.00 mm

113

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

6HH1 — 8226 cc — 6 cyl.

Ø 115.00	1 - 3.5 1 - 2.5 1 - 4.0	Ø 36.000 TL 79.00		TL 210.0 OD 118.0 FT 6.0 FD 123.7 *DIMENSION IS FOR LFF	TEIKIN NO. LKFF 39651A LKSF 39651A
CD 62.70 -22.7 TL 106.50					
TEIKIN NO. 39651A	TEIKIN NO. R 39651	TEIKIN NO. P 39181	TEIKIN NO. B 39607	TEIKIN NO. LFF 39651* LSF 39651 Surface Treatment *Phosphate (PH)	
REFERENCE NO. 8-94391-950-0	REFERENCE NO. 8-94390-799-0 8-94390-799-2		REFERENCE NO. 1-12251-036-0	REFERENCE NO. 8-94391-602-0 8-94391-603-0 8-94393-273-1	

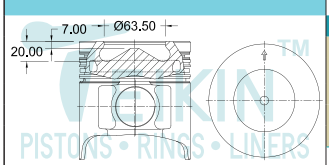


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 22.00 mm

114

6HK1-TC — 7790 cc — 6 cyl.

Ø 115.00	1 - 2.95 FK 1 - 2.0 1 - 2.5 1 - 3.0	Ø 40.000 TL 87.00		TL 210.0 OD 118.0 FT 6.0 FD 123.7 *DIMENSION IS FOR LFF	TEIKIN NO. LKFF 39665AG LKSF 39665AG
CD 66.10 -20.0 TL 119.70					
TEIKIN NO. 39665AG	TEIKIN NO. R 39665	TEIKIN NO. P 39665	TEIKIN NO. B 39663	TEIKIN NO. LFF 39651* LSF 39651 Surface Treatment *Phosphate (PH)	
REFERENCE NO. 8-94391-895-1	REFERENCE NO. 8-94391-502-3 8-94391-502-4		REFERENCE NO. 8-94394-613-0	REFERENCE NO. 8-94391-602-0 8-94391-603-0 8-94393-273-1	

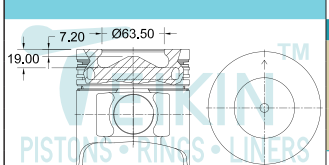


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 28.00 mm

115

6HL1-TC — 7166 cc — 6 cyl.

Ø 115.00	1 - 3.0 FK 1 - 2.5 1 - 3.0	Ø 40.000 TL 87.00		TL 210.0 OD 118.0 FT 6.0 FD 123.7 *DIMENSION IS FOR LFF	TEIKIN NO. LKFF 39677AG LKSF 39677AG
CD 66.10 -19.0 TL 119.90					
TEIKIN NO. 39677AG	TEIKIN NO. R 39677	TEIKIN NO. P 39665	TEIKIN NO. B 39663	TEIKIN NO. LFF 39651* LSF 39651 Surface Treatment *Phosphate (PH)	
REFERENCE NO. 8-97602-904-0	REFERENCE NO. 8-97601-318-1		REFERENCE NO. 8-94394-613-0	REFERENCE NO. 8-94391-602-0 8-94391-603-0 8-94393-273-1	

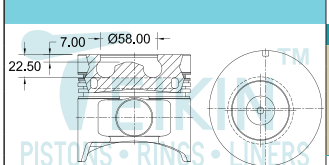


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 28.00 mm

116

6HH1-T — 8226 cc — 6 cyl.

Ø 115.00	1 - 3.5 1 - 2.5 1 - 4.0	Ø 36.000 TL 79.00		TL 210.0 OD 118.0 FT 6.0 FD 123.7 *DIMENSION IS FOR LFF	TEIKIN NO. LKFF 39682AG LKSF 39682AG
CD 62.60 -22.5 TL 106.30					
TEIKIN NO. 39682AG	TEIKIN NO. R 39651	TEIKIN NO. P 39181	TEIKIN NO. B 39607	TEIKIN NO. LFF 39651* LSF 39651 Surface Treatment *Phosphate (PH)	
REFERENCE NO. 8-94391-598-0	REFERENCE NO. 8-94390-799-0 8-94390-799-2		REFERENCE NO. 1-12251-036-0	REFERENCE NO. 8-94391-602-0 8-94391-603-0 8-94393-273-1	



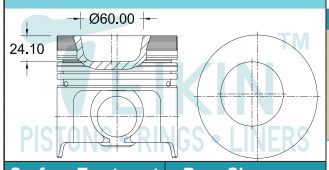
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 20.00 mm

117

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

PA1 — 9971 cc — 10 cyl.

Ø 115.00						
CD 75.30 / -24.1 / TL 113.30	1 - 3.0 / 1 - 2.5 / 1 - 6.0	Ø 38.000 / TL 80.00		TL 219.5 / OD 130.0 / FT 10.0 + 1.2 / FD 141.7		TEIKIN NO. LKFF 39662A
TEIKIN NO. 39662A	TEIKIN NO. R 39662	TEIKIN NO. P 39606	TEIKIN NO. B 39625	TEIKIN NO. LFF 39662		
				Surface Treatment: None		
REFERENCE NO. 1-12111-154-1	REFERENCE NO. 1-12121-042-0, 1-12181-016-0, 1-12181-060-0		REFERENCE NO. 1-12251-001-0	REFERENCE NO. 1-11261-063-0		

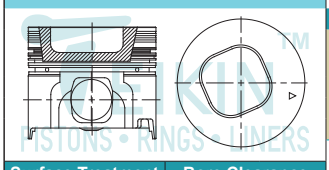


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.120 mm MP: 5.00 mm

118

10PC1 — 15014 cc — 10 cyl.

Ø 119.00						
CD 67.70 / -23.7 / TL 104.00	1 - 3.0 / 1 - 2.5 / 1 - 4.0	Ø 38.000 / TL 80.00		TL 219.5 / OD 133.0 / FT 10.0 + 1.0 / FD 143.7		TEIKIN NO. LKFF 39625, LKFF 39625A
TEIKIN NO. 39625, 39625A, (39222)	TEIKIN NO. R 39625	TEIKIN NO. P 39625	TEIKIN NO. B 39625	TEIKIN NO. LFF 39625		
				Surface Treatment: None		
REFERENCE NO. 1-12111-419-2	REFERENCE NO. 1-12121-047-0, 1-12121-048-0		REFERENCE NO. 1-12251-001-0	REFERENCE NO. 1-11261-143-1		

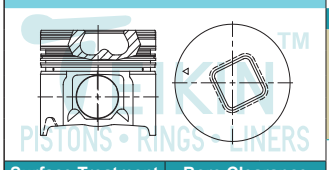


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.140 mm MP: 18.00 mm

119

10PD1 — 16683 cc — 10 cyl.

Ø 119.00						
CD 67.60 / -25.0 / TL 106.60	1 - 4.0 / 1 - 2.5 / 1 - 4.0	Ø 43.000 / TL 80.00		TL 234.0 / OD 133.0 / FT 10.1 / FD 143.6		TEIKIN NO. LKFF 39626, LKFF 39626A
TEIKIN NO. 39626, 39626A, (39223)	TEIKIN NO. R 39626	TEIKIN NO. P 39626	TEIKIN NO. B 39626	TEIKIN NO. LFF 39626		
				Surface Treatment: Chromed O.D.		
REFERENCE NO. 1-12111-549-3	REFERENCE NO. 1-12121-062-0, 1-12121-063-0		REFERENCE NO. 1-12251-033-0	REFERENCE NO. 1-11261-161-2		

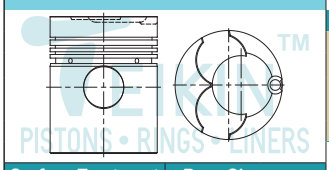


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.130 mm MP: 20.00 mm

120

DH100 — 10179 cc — 6 cyl.

Ø 120.00						
CD 77.80 / -8.3 / TL 150.80	3 - 3.0 / 1 - 6.0	Ø 45.000 / TL 97.50		TL 280.0 / OD 135.0 / FT 11.0 / FD 140.6		TEIKIN NO. LKFF 39617
TEIKIN NO. 39617, (39207)	TEIKIN NO. R 39617	TEIKIN NO. P 39617	TEIKIN NO. B 39617	TEIKIN NO. LFF 39617		
				Surface Treatment: None		
REFERENCE NO. 9-12111-742-0, 9-12111-849-1	REFERENCE NO. 1-12121-016-0, 1-12121-001-0, 9-12181-083-0, 9-12181-086-0		REFERENCE NO. 9-12251-069-0, 9-12251-070-0	REFERENCE NO. 9-11261-241-0, 9-11261-270-0		



Surface Treatment	Bore Clearance
	MRC: - mm MP: - mm

121

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

6SD1 — 9839 cc — 6 cyl.

Ø 120.00						
CD 75.00	1 - 3.5	Ø 43.000		TL 239.0		TEIKIN NO.
-24.7	1 - 2.5	TL 89.50		OD 123.0		LKFF 39623
TL 117.00	1 - 5.0			FT 6.0 + 1.0		LKFF 39623A
				FD 129.6		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
39623	R 39623	P 39623	B 39623	LFF 39623*		
39623A				Surface Treatment		
(39220)				*Phosphate (PH)		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
1-12111-569-0	1-12121-094-1		1-12251-021-0	1-11261-106-2		
			1-12251-021-1	1-11261-298-0		

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.110 mm MP: 30.00 mm

122

6QA1 — 11044 cc — 6 cyl.

Ø 125.00						
CD 83.20	1 - 3.0	Ø 46.000		TL 282.0		TEIKIN NO.
-25.6	1 - 2.5	TL 106.00		OD 140.0		LKFF 39657A
TL 136.00	1 - 6.0			FT 11.0 + 2.0		
				FD 146.7		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
39657A	R 39657	P 39657	B 39657	LFF 39657		
				Surface Treatment		
				Chromed O.D.		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
1-12111-338-0	1-12121-028		9-12251-073-0	1-11261-074-0		
	1-12121-046		9-12251-074-1	1-11261-061-1		

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.160 mm MP: 10.00 mm

123

6RB1 — 13741 cc — 6 cyl.

Ø 135.00						
CD 82.20	1 - 4.0	Ø 50.000		TL 264.0		TEIKIN NO.
-27.7	1 - 2.5	TL 105.00		OD 141.0		LKFF 39624
TL 143.10	1 - 5.0			FT 6.0		LKFF 39624A
				FD 146.7		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
39624	R 39624	P 39624	B 39624	LFF 39624		
39624A				Surface Treatment		
(39221)				Phosphate (PH)		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
1-12111-245-0	1-12121-037-0		9-12251-088-0	1-11261-082-0		
1-12111-437-0	1-12121-040-0			1-11261-098-0		
				1-11261-133-0		
				1-11261-105-1		

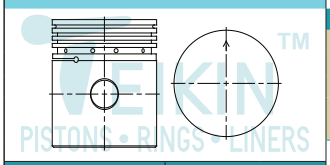
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.170 mm MP: 20.00 mm

124

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

88 ANP

4 cyl.



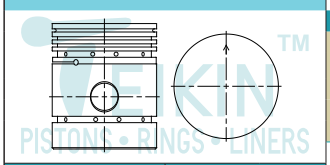
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 10.00 mm

Ø 79.38							
CD 55.60	3 - 2.4	Ø 20.625					
TL 94.97	1 - 4.8	TL 70.60					
TEIKIN NO. 47101		**TEIKIN NO.** P 47101					
REFERENCE NO. 88ANP							

1

488 ANP 1600 cc

4 cyl.



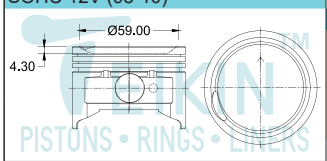
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 10.00 mm

Ø 79.38							
CD 55.60	2 - 2.0 1 - 2.4	Ø 20.625 TL 70.60					
TL 94.70	2 - 4.8						
TEIKIN NO. 47102		**TEIKIN NO.** P 47101					
REFERENCE NO. 488ANP							

2

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

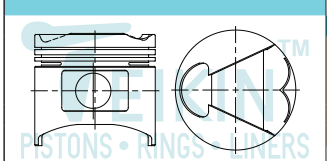
PICANTO 1086 cc
HYUNDAI G4HG — 4 cyl.
ATOS PRIME
GETZ, I10
SANTRO
SOHC 12V (98-10)



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 13.00 mm

Ø 67.00		RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
		2 - 1.2	Ø 17.000					
CD	24.60		TL 46.50					
	-4.3	1 - 2.0						
TL	48.60							
TEIKIN NO.		TEIKIN NO.	TEIKIN NO.					
52106		R 52106	P 51117					
REFERENCE NO.		REFERENCE NO.						
23410-02270 23410-02470 23410-02230/40/50/60/80 23410-02460/80 23410-02965/66		23040-02950/55 23040-02970/81/82						1

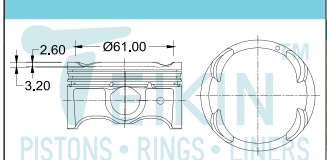
B1 1139 cc
PRIDE 1.1L — 4 cyl.
(97-98)
SOHC 8V



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.75 mm

Ø 68.00		RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
		1 - 1.2 1 - 1.5	Ø 19.980 TL 52.00					
CD	31.90							
	+0.6	1 - 3.0						
TL	63.60							
TEIKIN NO.		TEIKIN NO.	TEIKIN NO.					
52110		R 52110	P 52110					
REFERENCE NO.		REFERENCE NO.						
KKY18-11-SA0 KK1Y8-11-SBO KK1Y8-11-SBX KK1Y8-11-SBY		KK1Y-11-SCO KKY1-11-SCO KK1Y8-11-SCO KK1YH-11-SDX						2

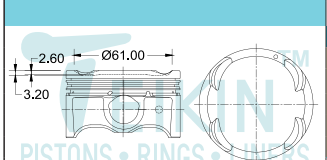
ION
3 cyl.



Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 7.50 mm

Ø 71.00		RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
		1 - 1.0 1 - 1.2	Ø 18.000 TL 47.50					
CD	24.70							
	-3.2	1 - 2.0						
TL	42.70							
TEIKIN NO.		TEIKIN NO.	TEIKIN NO.					
52114		R 52114	P 30110					
REFERENCE NO.		REFERENCE NO.						
23041-04000								3

ION
4 cyl.



Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 7.50 mm

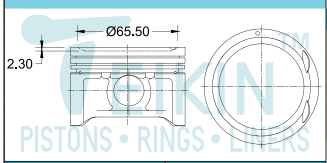
Ø 71.00		RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
		1 - 1.0 1 - 1.2	Ø 18.000 TL 47.50					
CD	24.70							
	-3.2	1 - 2.0						
TL	42.70							
TEIKIN NO.		TEIKIN NO.	TEIKIN NO.					
52114-4		R 52114-4	P 30110					
REFERENCE NO.		REFERENCE NO.						
23041-04000								4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

DC 1493 cc — 4 cyl.

RIO
F.I., SOHC 16V
2001-02

Ø 75.50							
CD 28.30	2 - 1.2	Ø 19.980					
-2.3		TL 52.00					
TL 51.30	1 - 2.5						
TEIKIN NO. 52102	**TEIKIN NO.** R 52102	**TEIKIN NO.** P 52110					
REFERENCE NO. 0K3Y2-11-SAO, 0K3Y2-11-SBO, 0K3Y2-11-SBX	**REFERENCE NO.** K3Y0-11-SCO, 0K3Y0-11-SCO, 0K3Y0-11-SDO, 0K3Y0-11-SDX						



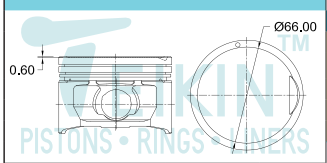
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 7.50 mm

5

A3E 1343 cc — 4 cyl.

RIO 2000-2005

Ø 75.50							
CD 32.50	2 - 1.2	Ø 19.980					
-0.6		TL 52.00					
TL 52.60	1 - 2.5						
TEIKIN NO. 52654	**TEIKIN NO.** R 52102	**TEIKIN NO.** P 52110					
REFERENCE NO. 0K3Y-11-5A0, 0K3Y0-11-5A0, 0K3Y0-11-SA0, 0K3Y0-11-SB0, 0K3Y0-11-SBX	**REFERENCE NO.** K3Y0-11-SCO, 0K3Y0-11-SCO, 0K3Y0-11-SDO, 0K3Y0-11-SDX						



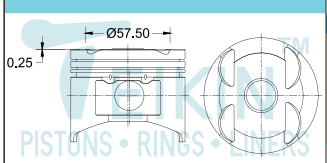
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 7.50 mm

6

B6D 1500 cc — 4 cyl.

DOHC

Ø 78.00							
CD 31.30	2 - 1.5	Ø 19.980					
+0.6		TL 65.00					
TL 63.00	1 - 3.0						
TEIKIN NO. 52103	**TEIKIN NO.** R 52103	**TEIKIN NO.** P 42146					
REFERENCE NO. K2Y0-11-SAO	**REFERENCE NO.**						



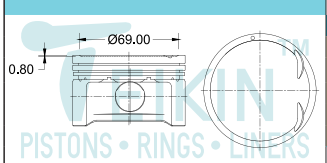
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.50 mm

7

RIO 1.6L 1594 cc — 4 cyl.

RIO 1.6L 2003-2005
DOHC 16V
RIO-CINCO
RIO-RX-V

Ø 78.00							
CD 28.30	2 - 1.2	Ø 19.980					
-0.8		TL 52.00					
TL 48.30	1 - 2.5						
TEIKIN NO. 52111	**TEIKIN NO.** R 52111	**TEIKIN NO.** P 52110					
REFERENCE NO. 23410-2X710, 23410-2X905/6	**REFERENCE NO.** 0K3Y3-11-SCO, 0K3Y3-11-SDO, 0K3Y3-11-SDX						



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 6.00 mm

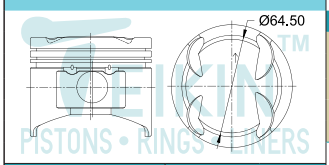
8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

SEPHIA-II

4 cyl.

Ø 78.00	2 - 1.5	Ø 19.980					
		TL 61.00					
CD 31.40							
+1.0	1 - 3.0						
TL 63.50							
TEIKIN NO.		**TEIKIN NO.**					
52113		**P 42173**					
REFERENCE NO.							
0K2Y3-11-103							



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.50 mm

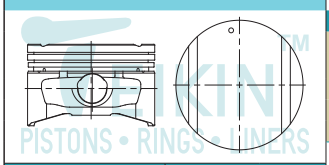
9

CARNIVAL

SEDONA

6 cyl.

Ø 80.00	1 - 1.2	Ø 18.000		TL 127.0			**TEIKIN NO.**
	1 - 1.5	TL 53.00		OD 84.0			**LKFF 52105**
CD 27.30				FT 50.0			
-1.3	1 - 2.5			FD 87.45			
TL 50.30							
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**			
52105	**R 52105**	**P 46332**		**LFF 52105**			
				Suerface Treatment			
				None			
REFERENCE NO.	**REFERENCE NO.**			**REFERENCE NO.**			
0K9YV-11-SA0	K9YV-11-SCO			0K9BV-10-311A			
	0K9YV-11-SCO			21134-3Y210C/D/E			
	0K9YV-11-SE2			21134-3Y220C/D/E			
				21134-3Y250C/D/E			



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 9.00 mm

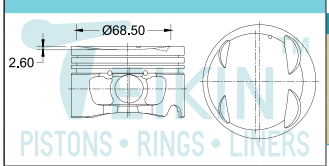
10

CREDOS 1793 cc

DOHC
16V
1998-ON
CLARUS

4 cyl.

Ø 81.00	2 - 1.5	Ø 19.990					
		TL 59.00					
CD 30.30							
-2.6	1 - 3.0						
TL 50.50							
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**					
52108	**R 52108**	**P 44342**					
REFERENCE NO.	**REFERENCE NO.**						
OK2Y4-11-SAO	K2Y3-11-SDX						
OK2Y4-11-SBX	0K2Y3-11-SCO						
OK2Y4-11-SBO	0K2Y3-11-SDX						
	0K2Y3-11-SDO						



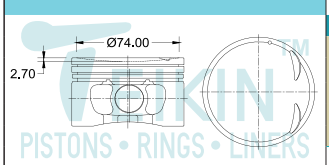
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 5.50 mm

11

SPECTRA

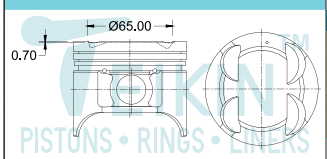
4 cyl.

Ø 81.00	2 - 1.2	Ø 20.000					
		TL 58.00					
CD 30.20							
-2.7	1 - 2.5						
TL 50.40							
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**					
52112	**R 52112**	**P 52112**					
REFERENCE NO.	**REFERENCE NO.**						
23410-2Y010	23040-2Y050						



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 5.50 mm

12

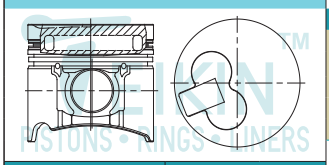
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
FE **1998 cc**	**Ø 86.00**	2 - 1.5	Ø 22.000					
SPORTAGE 4 cyl.			TL 72.00					
1995-2002	CD 36.00							
1995-00	-0.7	1 - 4.0						
F.I., DOHC 16V	TL 71.00							
	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**					
	52101	**R 52101**	**P 46199**					
Surface Treatment / **Bore Clearance**	**REFERENCE NO.**	**REFERENCE NO.**						
Tin Coated	0K9Y2-11-SA0	0KFY3-11-SC0						
MRC: 0.020 mm	FEYA-11-SA0	0KFY3-11-SD0						
MP: 20.00 mm	0K9Y2-11-SB0/BX	0KFY3-11-SDX						
	FEYA-11-SA0B							
	FEYA-11-SB0B/XB							

13

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

RFA — 2700 cc — 4 cyl.
HI - BESTA

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 93.00	2 - 2.0	Ø 30.000		TL	167.5		TEIKIN NO.
		TL 75.00		OD	96.8		LKFF 52650A
CD 48.20				FT	2.5 + 0.5		LKSF 52650A
-2.8	1 - 3.0			FD	102.2		LKFF 52650AG
TL 85.20							LKSF 52650AG
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
52650A	R 52650	P 52650	B 52650		LFF 52650*		
52650AG					LSF 52650		
					Surface Treatment		
					*Phosphate (PH)		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
VNY1-11-SAO	0VNY1-11-SCO				OVN01-10-311		
	VNY1-11-SCO				VN01-10-311		

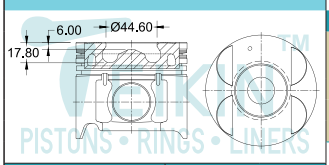


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 14.50 mm

14

CARNIVAL-II — 2902 cc — 4 cyl.
SEDONA
K2900

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 97.10	1 - 2.0 HK	Ø 32.000		TL	168.0	168.0	TEIKIN NO.
	1 - 2.0	TL 78.00		OD	101.5	101.2	LKFF 52107AG
CD 52.00				FT	2.5 + 0.7		LKSF 52107AG
-17.8	1 - 3.0			FD	106.0		LKSX 52107AG
TL 84.00							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
52107AG	R 52107	P 52107	B 52107		LFF 52107		
(51610AG)					LSF 52107		
					LSX 52107		
					Surface Treatment		
					None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
0K5Z1-11-SA0	K5Z1-11-SCO				0K551-10-311		
	0K5Z1-11-SCO				0K551-10-311A		

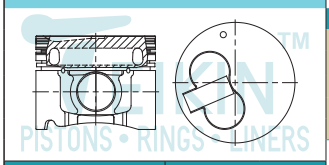


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm
Moly Skirt	MP: 10.50 mm

15

JT 3.0 — 3000 cc — 4 cyl.
PREGIO 3.0

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 98.00	2 - 2.0	Ø 30.000		TL	166.2		TEIKIN NO.
		TL 78.00		OD	101.5		LKFF 52651A
CD 45.50				FT	2.5 + 0.7		LKSF 52651A
-4.7	1 - 3.0			FD	107.0		LKFF 52651AG
TL 76.10							LKSF 52651AG
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
52651A	R 52651	P 43232	B 52651		LFF 52651*		
52651AG					LSF 52651		
					Surface Treatment		
					*Phosphate (PH)		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
K7Z1-11-SAO	K7Z1-11-SCO		0SE01-11-213		K75A-10-311		
	0K7Z1-11-SCO				OK75A-10-311		
					OK75A-10-311B		
					OK75B-10-311		

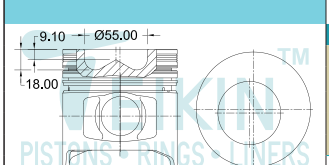


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
	MP: 8.25 mm

16

JD K3500 — 3455 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 100.00	1 - 2.5	Ø 34.000		TL	193.5		TEIKIN NO.
	1 - 2.0	TL 82.00		OD	103.5		LKFF 52652A
CD 58.00				FT	2.5 + 0.8		LKSF 52652A
-18.0	1 - 4.5			FD	108.0		
TL 105.00							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
52652A	R 52652	P 42107	B 52652		LFF 52652		
					LSF 52652		
					Surface Treatment		
					None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
K4YO-11-SAO	K4Y0-11-SCO		OK410-11-213		OK410-10-311B		
					SL01-23-051		



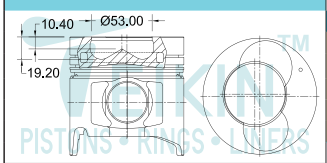
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm
	MP: 21.20 mm

17

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

SH K3600 — 3598 cc — 4 cyl.

Ø 100.00	2 - 2.0	Ø 34.000		TL 193.5		TEIKIN NO.
CD 56.20		TL 82.00		OD 103.5		LKFF 52653G
-19.2	1 - 3.0			FT 2.5 + 0.8		LKSF 52653G
TL 102.00				FD 108.0		



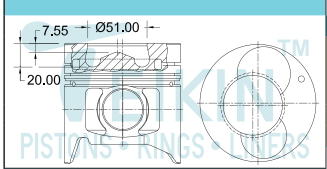
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
52653G	R 52653	P 42107	B 52652	LFF 52652 LSF 52652
				Surface Treatment: None
REFERENCE NO.	**REFERENCE NO.**		**REFERENCE NO.**	**REFERENCE NO.**
K4Y1-11-SAO 0K4Y1-11-SAO	K4Y1-11-SCO 0K4Y1-11-SCO		OK410-11-213	OK410-10-311B SL01-23-051

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm
Moly Skirt	MP: 19.00 mm

18

SH K3600 NEW-II — 3598 cc — 4 cyl.

Ø 100.00	2 - 2.0	Ø 34.000		TL 193.5		TEIKIN NO.
CD 56.20		TL 82.00		OD 103.5		LKFF 52656G
-20.0	1 - 3.0			FT 2.5 + 0.8		LKSF 52656G
TL 102.00				FD 108.0		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
52656G	R 52653	P 42107	B 52652	LFF 52652 LSF 52652
				Surface Treatment: None
REFERENCE NO.	**REFERENCE NO.**		**REFERENCE NO.**	**REFERENCE NO.**
K47A-11-102 K47A-11-SAO K4Y2-11-SAO OK4Y2-11-SCO	K4Y1-11-SCO 0K4Y1-11-SCO		OK410-11-213	OK410-10-311B SL01-23-051

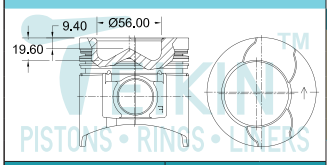
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm
Moly Skirt	MP: 19.00 mm

19

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

S6D95 — 1 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 95.00	1 - 2.5 FK	Ø 30.000		TL 180.0			TEIKIN NO.
	1 - 2.3 HK	TL 74.00		OD 98.0			LKFF 64101A-1
CD 51.20				FT 4.0			
-19.6	1 - 4.0			FD 104.0			
TL 94.20							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
64101A-1	R 64101-1	P 44630	B 64101	LFF 64605*			
				Surface Treatment			
				*Phosphate (PH)			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
6207-31-2141	6207-31-2400		6206-31-3130	6207-21-2110			
	6207-31-2500		6207-31-3130	6207-21-2120			
	6207-31-2501			6207-21-2121			

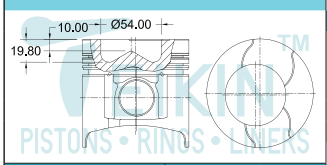


Surface Treatment	Bore Clearance
None	MRC: 0.060 mm MP: 21.40 mm

1

4D95 — 3260 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 95.00	2 - 2.0	Ø 30.000		TL 180.0			TEIKIN NO.
		TL 74.00		OD 98.0			LKFF 64601
CD 51.10				FT 4.0			LKSF 64601
-19.8	1 - 4.0			FD 104.0			LKFF 64601A
TL 94.00							LKSF 64601A
				*DIMENSION IS FOR LFF			
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
64601	R 64601	P 44666	B 64601	LFF 64601*			
64601A				LSF 64601			
				Surface Treatment			
				*Phosphate (PH)			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
6204-31-2121	6204-31-2200		6204-31-3130	6207-21-2110			
	6204-31-2203		6206-31-3130	6207-21-2120			
			6207-31-3130	6207-21-2121			

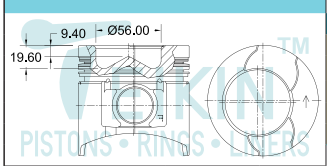


Surface Treatment	Bore Clearance
None	MRC: 0.050 mm MP: 22.00 mm

2

S6D95 — 4890 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 95.00	1 - 2.5 FK	Ø 30.000		TL 180.0			TEIKIN NO.
	1 - 2.3 HK	TL 74.00		OD 98.0			LKFF 64101A
CD 51.20				FT 4.0			
-19.6	1 - 4.0			FD 104.0			
TL 94.20							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
64101A	R 64101	P 44630	B 64101	LFF 64605*			
				Surface Treatment			
				*Phosphate (PH)			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
6207-31-2141	6207-31-2400		6206-31-3130	6207-21-2110			
	6207-31-2500		6207-31-3130	6207-21-2120			
	6207-31-2501			6207-21-2121			

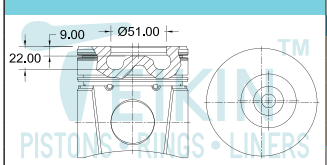


Surface Treatment	Bore Clearance
None	MRC: 0.060 mm MP: 21.40 mm

3

S6D102 — 1 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 102.00	1 - 2.9 FK	Ø 40.000		TL		200.0	TEIKIN NO.
	1 - 2.4	TL 83.00		OD		104.5	LKSX 64102A-1
CD 71.60							
-22.0	1 - 4.0						
TL 105.40							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
64102A-1	R 64102-1	P 64102	B 64102	LSX 64102			
				Surface Treatment			
				None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
6735-31-2111-0	6738-31-2030		6732-31-3130	6736-29-2110			
6735-31-2110	6738-31-2031		6732-31-3131				
6735-31-2140			6732-31-3132				



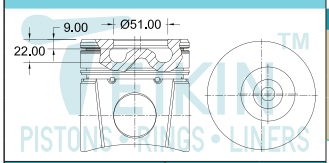
Surface Treatment	Bore Clearance
None	MRC: 0.100 mm MP: 10.00 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

S6D102 — 5900 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 102.00	1 - 2.9 FK	Ø 40.000		TL	200.0	TEIKIN NO.
	1 - 2.4	TL 83.00		OD	104.5	LKSX 64102A
CD 71.60						
-22.0	1 - 4.0					
TL 105.40						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
64102A	R 64102	P 64102	B 64102	LSX 64102		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
6735-31-2111-0	6738-31-2030		6732-31-3130	6736-29-2110		
6735-31-2110	6738-31-2031		6732-31-3131			
6735-31-2140			6732-31-3132			

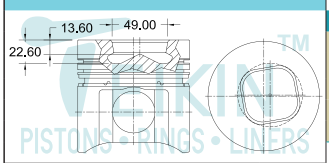


Surface Treatment	Bore Clearance
None	MRC: 0.100 mm
	MP: 10.00 mm

5

4D105 — 4326 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 105.00	1 - 3.0	Ø 40.000		TL	223.0	TEIKIN NO.
	1 - 2.5	TL 84.00		OD	118.7	LKFF 64602A
CD 69.00				FT	10.0 + 1.0	
-22.6	1 - 5.0			FD	127.0	
TL 107.50						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
64602A	R 64602	P 64602	B 64602	LFF 64602*		
				Surface Treatment		
				*Phosphate (PH)		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
6136-31-2012	6130-31-2202		6136-31-3130	6136-21-2210		
6136-31-2112	6130-32-2202			6137-21-2210		
	6130-32-2301			6137-22-2210		
	6130-32-2302					



Surface Treatment	Bore Clearance
None	MRC: 0.140 mm
	MP: 15.00 mm

6

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
					LINER		

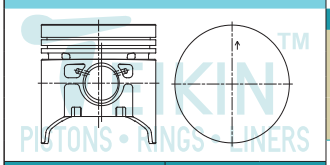
2101

4 cyl.

Ø 76.00	1 - 1.5	Ø 21.982
	1 - 2.0	TL 67.00
CD 37.90		
	1 - 3.95	
TL 76.90		

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
59101	R 59101	P 59101

REFERENCE NO.	REFERENCE NO.



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 20.00 mm

1

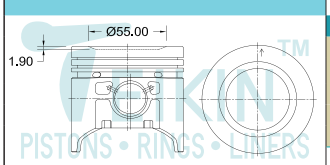
21011

4 cyl.

Ø 79.00	1 - 1.5	Ø 21.982
	1 - 2.0	TL 67.00
CD 37.90		
-1.9	1 - 3.95	
TL 76.90		

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
59103	R 59103	P 59101

REFERENCE NO.	REFERENCE NO.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.00 mm

2

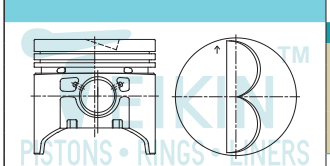
VAZ 2105 1294 cc

4 cyl.

Ø 79.00	1 - 1.5	Ø 21.982
	1 - 2.0	TL 67.00
CD 38.00		
-6.9	1 - 3.95	
TL 76.90		

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
59109	R 59109	P 59101

REFERENCE NO.	REFERENCE NO.
P0990351	21011-1000100-00 21011-1000100-10 KS: 800013641000 KS: 800013642000



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.00 mm

3

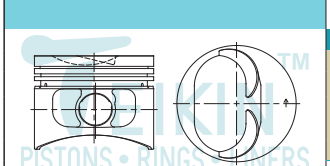
21083

4 cyl.

Ø 82.00	1 - 1.5	Ø 21.982
	1 - 2.0	TL 67.00
CD 37.90		
-6.5	1 - 3.95	
TL 65.90		

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
59105	R 59107	P 59101

REFERENCE NO.	REFERENCE NO.



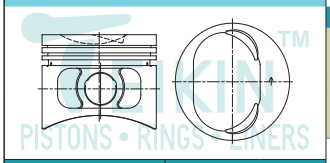
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 12.50 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

2110
4 cyl.

Ø 82.00	1 - 1.5 1 - 2.0 1 - 3.95	Ø 21.982 TL 60.00				
CD 37.90 -6.5 TL 65.90						
TEIKIN NO. **59106**	**TEIKIN NO.** **R 59107**	**TEIKIN NO.** **P 59106**				
REFERENCE NO.	**REFERENCE NO.**					

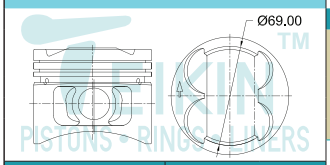


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 12.50 mm

5

VAZ 2112
4 cyl.

Ø 82.00	1 - 1.5 1 - 2.0 1 - 3.95	Ø 21.982 TL 60.00				
CD 38.00 +0.9 TL 66.80						
TEIKIN NO. **59107**	**TEIKIN NO.** **R 59107**	**TEIKIN NO.** **P 59106**				
REFERENCE NO. KS: 99 753 600	**REFERENCE NO.** KS: 800013842000					

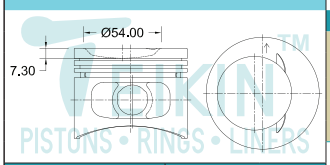


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 10.50 mm

6

21213
4 cyl.

Ø 82.00	1 - 1.5 1 - 2.0 1 - 3.95	Ø 21.982 TL 67.00				
CD 37.90 -7.3 TL 65.90						
TEIKIN NO. **59108**	**TEIKIN NO.** **R 59107**	**TEIKIN NO.** **P 59101**				
REFERENCE NO.	**REFERENCE NO.**					

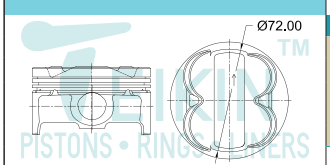


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 12.00 mm

7

VAZ 21179 — 1774 cc
VESTA
X-RAY (2015)
4 cyl.

Ø 82.00	1 - 1.2 1 - 1.5 1 - 2.0	Ø 19.000 TL 52.00				
CD 26.90 +1.0 TL 47.90						
TEIKIN NO. **59110**	**TEIKIN NO.**	**TEIKIN NO.** **P 44258**				
REFERENCE NO. 21179-1004018-K						



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 9.00 mm

8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

VAZ 21124 — 1596 cc — 4 cyl.

RIORA

Ø 82.00	1 - 1.5 1 - 2.0	Ø 21.982 TL 60.00				
CD 38.50 +0.6 TL 65.10	1 - 3.95					
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
59111		P 59106				
REFERENCE NO.	**REFERENCE NO.**					
21124-1004014-C						

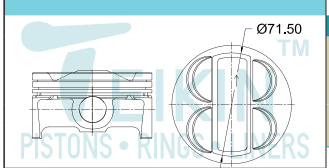
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 9.00 mm

9

VAZ 21126 — 1596 cc — 4 cyl.

GRANTA
PRIORA LARGUS
KALINA 2
X-RAY

Ø 82.00	1 - 1.2 1 - 1.5	Ø 18.000 TL 53.00				
CD 25.50 +1.4 TL 46.90	1 - 2.0					
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
59112		P 46332				
REFERENCE NO.						
21126-1004014-K						



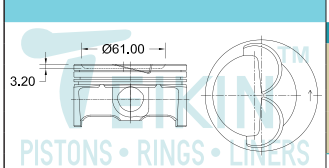
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 9.00 mm

10

GRANTA-II

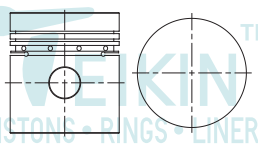
GRANTA (2012 ~ PRESENT) 4 cyl.

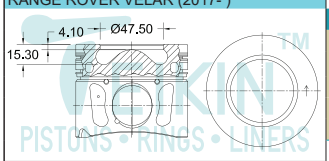
Ø 82.00	1 - 1.2 1 - 1.5	Ø 18.000 TL 53.00				
CD 25.60 -3.2 TL 45.70	1 - 2.0					
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
59113		P 46332				
REFERENCE NO.						

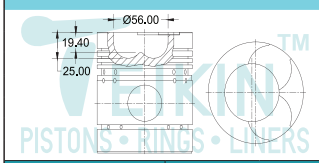


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

11

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
3.562 4 cyl.	**Ø 90.49** CD 58.45 TL 99.95	2 - 1.8 1 - 4.8	Ø 25.400 TL 75.90					
	**TEIKIN NO.** **40103**		**TEIKIN NO.** **P 40103**					
Surface Treatment Tin Coated	**Bore Clearance** MRC: 0.060 mm MP: 14.00 mm	**REFERENCE NO.** 502256						1

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER / NO FLANGE	LINER KIT SET
30DDTX, 306DT **2993 cc**	**Ø 84.00**	2 - 1.75	Ø 30.000					
DISCOVERY IV (2009-2018) **6 cyl.**			TL 63.50					
DISCOVERY V (2016-)	CD 46.00							
RANGE ROVER IV (2012-)	-15.3	1 - 2.0						
RANGE ROVER SPORT I (2010-2013)	TL 70.00							
RANGE ROVER II (2013-2016)								
RANGE ROVER VELAR (2017-)								
	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**					
	40601AG		**P 40601**					
Surface Treatment / **Bore Clearance**	**REFERENCE NO.**							
Chromated — MRC: 0.060 mm	87-439100-10							
Moly Skirt — MP: 13.00 mm	9X2Q-6K108CB							
	FW9Q-6K108AA							2

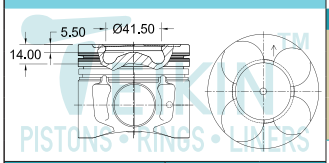
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
4.98 NV **3770 cc** FG / TERRIER SERIES TRACTORS 262, 272, 470, 462 4 cyl.	**Ø 98.00** CD 68.30 -25.0 TL 116.30	3 - 2.4 1 - 6.4 1 - 4.8	Ø 34.925 TL 82.50					
	**TEIKIN NO.** **50101**		**TEIKIN NO.** **P 50101**					
Surface Treatment	**Bore Clearance**	**REFERENCE NO.**						
None	MRC: 0.150 mm MP: 22.00 mm	AE 350236						

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

MAXIMO

2 cyl.

Ø 83.00	1 - 2.0 FK	Ø 30.000		TL 146.0		TEIKIN NO.
	1 - 1.5	TL 66.00		OD 86.1		LKSF 66105A
CD 43.80				FT 4.9		
-14.0	1 - 2.0			FD 86.9		
TL 67.80						
TEIKIN NO. 66105A	TEIKIN NO. R 66105	TEIKIN NO. P 66105		TEIKIN NO. LSF 66105		
				Surface Treatment: None		
REFERENCE NO. 0312BAU01280N	REFERENCE NO.			REFERENCE NO.		



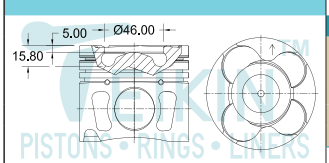
Surface Treatment	Bore Clearance
Chromated	MRC: 0.060 mm
Moly Skirt	MP: 6.00 mm

1

SCORPIO M HAWK

4 cyl.

Ø 85.00	1 - 2.5 FK	Ø 31.000				
	1 - 2.0	TL 70.00				
CD 48.00						
-15.8	1 - 2.5					
TL 72.90						
TEIKIN NO. 66106A	TEIKIN NO. R 66106	TEIKIN NO. P 66106				
REFERENCE NO. 0312BM050N	REFERENCE NO.					



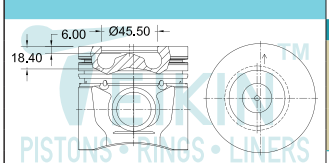
Surface Treatment	Bore Clearance
Chromated	MRC: 0.050 mm
Moly Skirt	MP: 6.00 mm

2

MDI 3200

4 cyl.

Ø 88.90	1 - 3.0 FK	Ø 28.000		TL 173.0		TEIKIN NO.
	1 - 2.5	TL 67.00		OD 99.45		LKFF 66103A
CD 51.30				FT 5.7		LKSF 66103A
-18.4	1 - 4.0			FD 103.3		
TL 84.30				*DIMENSION IS FOR LSF		
TEIKIN NO. 66103A	TEIKIN NO. R 66103	TEIKIN NO. P 58118		TEIKIN NO. LFF 66103 LSF 66103		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		



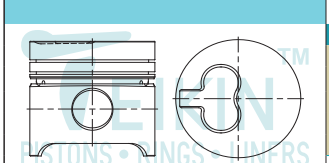
Surface Treatment	Bore Clearance
Chromated	MRC: 0.040 mm
	MP: 7.00 mm

3

XD3P

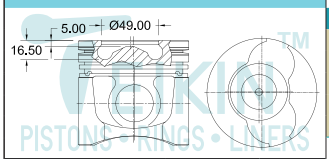
4 cyl.

Ø 94.00	2 - 2.0	Ø 30.000		TL 172.8		TEIKIN NO.
		TL 79.80		OD 100.95		LKFF 66104
CD 53.90				FT 7.05		LKSF 66104
-2.0	1 - 4.0			FD 106.2		
TL 91.30				*DIMENSION IS FOR LFF		
TEIKIN NO. 66104	TEIKIN NO. R 66104	TEIKIN NO. P 44296		TEIKIN NO. LFF 66104 LSF 66104		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm
	MP: 15.00 mm

4

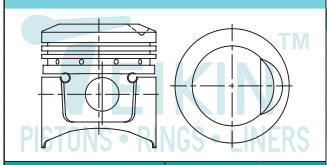
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
SCORPIO CRD	**Ø 94.00**	1 - 3.0 FK	Ø 32.000		TL 176.7			**TEIKIN NO.**
4 cyl.		1 - 2.5	TL 76.00		OD 111.0			**LKFF 66101A**
	CD 54.10				FT 9.0 + 1.0			
	-16.5	1 - 4.0			FD 115.0			
	TL 90.10							
	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**			
	66101A	**R 66101**	**P 46613**		**LFF 66101**			
					Surface Treatment None			
Surface Treatment / **Bore Clearance**	**REFERENCE NO.**	**REFERENCE NO.**			**REFERENCE NO.**			
Chromated / MRC: 0.060 mm MP: 11.00 mm	0312BC0181N							5

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

PB — 987 cc — 4 cyl.

1967 FAMILIA

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 68.00	2 - 2.0	Ø 20.000		TL 125.0		TEIKIN NO.
CD 41.75		TL 55.00		OD 77.0		LKFF 42108
+4.0	1 - 4.0			FT 8.5		
TL 73.45				FD 88.0		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
42108	R 42108	P 42108		LFF 42108		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		
0249-99-111	0249-23-170A			0249-10-311		
0259-23-200	0249-23-206					
0249-11-102	0259-23-170					
	0259-23-260					

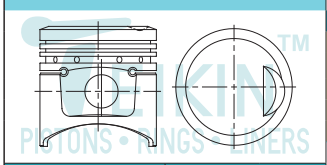


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.35 mm

1

TB — 1139 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 70.00	2 - 2.0	Ø 19.980		TL 132.0		TEIKIN NO.
CD 39.00		TL 56.00		OD 77.0		LKFF 42656
+2.0	1 - 4.0			FT 8.5		
TL 71.00				FD 88.0		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
42656	R 42656	P 42656		LFF 42656		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		
0268-23-200	0211-23-999			0268-10-311		
0268-11-102	0268-23-170			0271-23-206		
0271-23-200	0268-23-206					
	0317-23-130					



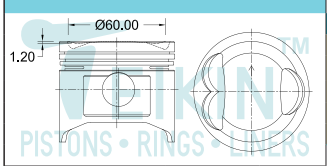
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 15.50 mm

2

B3 — 1323 cc — 4 cyl.

323 1.3L SEDAN
1989-ON
KIA PRIDE

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 71.00	1 - 1.2	Ø 20.000				
CD 28.75	1 - 1.5	TL 52.00				
-1.2	1 - 3.0					
TL 60.00						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
42127	R 42127	P G2101				
REFERENCE NO.	REFERENCE NO.					
B3Y0-11-SA0	B3Y0-11-SCOA					
KK1YO-11-SAO	B3Y1-11-SCO					
B315-11-102	B3Y1-11-SCOA					
	B3Y1-11-SDO					

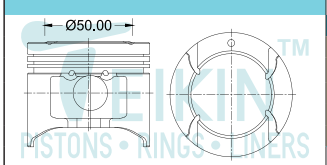


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.50 mm

3

B3-III — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 71.00	1 - 1.2	Ø 19.980				
CD 28.80	1 - 1.5	TL 52.00				
+0.5	1 - 3.0					
TL 60.00						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
42217	R 42127	P 52110				
REFERENCE NO.	REFERENCE NO.					
B3Z0-11-SA0	B3Y0-11-SCOA					
	B3Y1-11-SCO					
	B3Y1-11-SCOA					
	B3Y1-11-SDO					



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 13.50 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

B3-II 1323 cc 4 cyl.

Ø 71.00	1 - 1.2	Ø 20.000				
	1 - 1.5	TL 52.00				
CD 29.40						
-8.8	1 - 3.0					
TL 60.00						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
42660	**R 42127**	**P G2101**				
REFERENCE NO.	**REFERENCE NO.**					
B3C7-11-102	B3Y0-11-SCOA					
B3Y6-11-SA0B	B3Y1-11-SCO					
B3Y6-11-SA0	B3Y1-11-SCOA					
	B3Y1-11-SDO					

Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.030 mm, MP: 14.00 mm

5

TC LATE 1272 cc 4 cyl.

Ø 73.00	2 - 1.5	Ø 20.000				
		TL 65.00				
CD 31.00						
+1.3	1 - 4.0					
TL 64.30						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
42607	**R 42607**	**P 56101**				
(42182)						
REFERENCE NO.	**REFERENCE NO.**					
8034-23-200	8034-23-130					
	8034-23-130A					

Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.030 mm, MP: 18.00 mm

6

TC 1272 cc 4 cyl.

Ø 73.00	2 - 2.0	Ø 20.000				
		TL 55.00				
CD 37.10						
+1.4	1 - 4.0					
TL 70.40						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
42651	**R 42651**	**P 42108**				
REFERENCE NO.	**REFERENCE NO.**					
0370-23-200	0324-23-130					
0370-99-111	0324-23-175					

Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.030 mm, MP: 14.75 mm

7

TC-II 1272 cc 4 cyl.

Ø 73.00	2 - 2.0	Ø 20.000				
		TL 55.00				
CD 37.10	1 - 4.0					
TL 69.00						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
42670	**R 42651**	**P 42108**				
REFERENCE NO.	**REFERENCE NO.**					
0324-23-200	0324-23-130					
0324-99-111	0324-23-175					

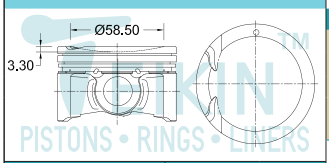
Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.030 mm, MP: 14.75 mm

8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

ZJ — 1348 cc — 4 cyl.

2 ~ 3
(03-06)
DOHC 16V

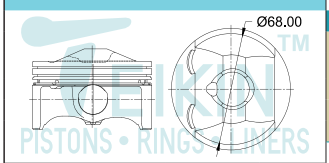


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 6.00 mm

Ø 74.00		
CD 27.50		Ø 18.000
-3.3	2 - 1.2	TL 59.00
TL 46.00	1 - 2.5	
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
42679	**R 42679**	**P 46141**
REFERENCE NO.	**REFERENCE NO.**	
ZJY1-11-SAO ZJY1-11-SAOA ZJY2-11-SAOA	ZJY1-11-SCO ZJY2-11-SCO	

9

SKYACTIV-G 1.5L — MAZDA 2 SKYACTIV 15-ON — 4 cyl.



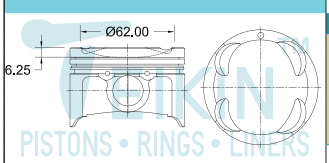
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.00 mm

Ø 74.50		
CD 23.60		Ø 18.000
+7.4	2 - 1.0	TL 43.00
TL 49.30	1 - 2.0	
TEIKIN NO.		**TEIKIN NO.**
42224		**P 42224**
REFERENCE NO.		
P5Y2-11-SA0		

10

Z5 — 1489 cc — 4 cyl.

PROTÉGÉ
F.I; DOHC 4, 16V
1995-98



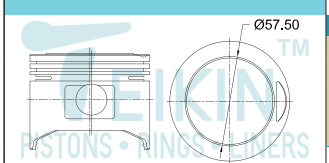
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 12.00 mm

Ø 75.30		
CD 28.11	1 - 1.0	Ø 19.980
-6.25	1 - 1.2	TL 61.00
TL 51.80	1 - 2.5	
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
42173	**R 42173**	**P 42173**
REFERENCE NO.	**REFERENCE NO.**	
Z5YO-11-SAO Z5Y0-11-SA0B	Z5Y0-11-SCO Z5Y0-11-SDO Z5Y0-11-SDX Z5Z0-11-SDO	

11

E3 — 1296 cc — 4 cyl.

E5 OLD
1983



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.50 mm

Ø 77.00		
CD 28.96	1 - 1.5	Ø 19.980
+0.8	1 - 2.0	TL 65.00
TL 61.65	1 - 4.0	
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
42131	**R 42131**	**P 42146**
REFERENCE NO.	**REFERENCE NO.**	
E302-23-200/A E302-11-102A	E302-23-130A E302-23-131A E302-23-132A	

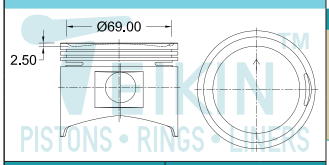
12

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

E5 NEW — 1490 cc — 4 cyl.

1980 BONGO LASER

Ø 77.00	1 - 1.2	Ø 20.000
	1 - 1.5	TL 66.00
CD 29.00		
-2.5	1 - 4.0	
TL 61.00		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42132	R 42132	P 46187

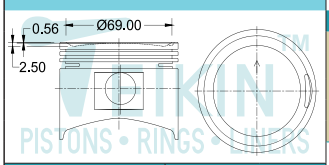
REFERENCE NO.	REFERENCE NO.
E501-23-200	E301-23-130
	E301-23-130A
	E512-23-130

Surface Treatment	Bore Clearance
Chromated	MRC: 0.030 mm
	MP: 16.00 mm

13

E5-II — 1490 cc — 4 cyl.

Ø 77.00	1 - 1.5	Ø 19.980
	1 - 2.0	TL 65.00
CD 29.00		
-2.5	1 - 4.0	
TL 61.00		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42196	R 42131	P 42146

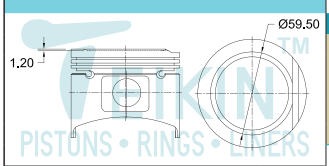
REFERENCE NO.	REFERENCE NO.
E502-23-200A	E302-23-130A
E502-23-200	E302-23-131A
E502-11-102A	E302-23-132A

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 16.00 mm

14

UC — 1415 cc — 4 cyl.

Ø 77.00	2 - 1.5	Ø 19.990
		TL 65.00
CD 31.00		
-1.2	1 - 4.0	
TL 63.00		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42600 (42187)	R 42600	P 42600

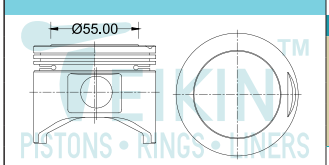
REFERENCE NO.	REFERENCE NO.
8569-23-200	8569-23-130
	8569-23-130A

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm
	MP: 18.00 mm

15

E3-II — 1296 cc — 4 cyl.

Ø 77.00	1 - 1.2	Ø 19.990
	1 - 1.5	TL 65.00
CD 29.00		
+0.8	1 - 4.0	
TL 61.80		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42652	R 42132	P 42600

REFERENCE NO.	REFERENCE NO.
E301-23-200	E301-23-130
	E301-23-130A
	E512-23-130

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 19.00 mm

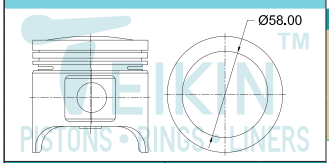
16

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

NA NEW — 1586 cc — 4 cyl.

B-1600

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 78.00	1 - 1.5	Ø 19.980		TL		146.0	TEIKIN NO.
	1 - 2.0	TL 65.00		OD		82.0	LKSX 42140
CD 38.56							
+2.6	1 - 4.0						
TL 78.20							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.			
42140	R 42170	P 42146		LSX 42141			
				Surface Treatment			
				None			
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.			
H602-23-200	H617-23-130			305-23-208			



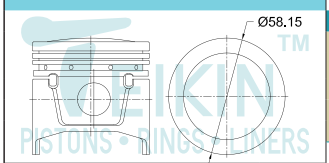
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 19.00 mm

17

NA OLD — 1586 cc — 4 cyl.

B-1600 1971
BONGO TRK, 1T, 3/4T
GL, GX BONGO MULTI-VAN
CAPELLA HARD TOP CUSTOM

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 78.00	2 - 1.5	Ø 22.000		TL		146.0	TEIKIN NO.
		TL 65.00		OD		82.0	LKSX 42141
CD 38.40							
+2.5	1 - 4.0						
TL 77.95							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.			
42141	R 42141	P 42141		LSX 42141			
				Surface Treatment			
				None			
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.			
0305-23-200	0222-23-206			305-23-208			
0305-23-200A	0222-23-130						
0305-11-102	0290-23-130						
	0290-23-131						



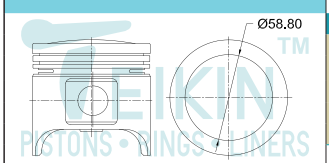
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.55 mm

18

NA NEW - II — 1586 cc — 4 cyl.

B-1600 626

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 78.00	1 - 1.2	Ø 19.980		TL		146.0	TEIKIN NO.
	1 - 1.5	TL 65.00		OD		82.0	LKSX 42142
CD 38.56							
+2.6	1 - 4.0						
TL 78.20							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.			
42142	R 42142	P 42146		LSX 42141			
				Surface Treatment			
				None			
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.			
8170-23-200	8170-23-130			305-23-208			
H601-23-200	8170-23-130A						
8170-23-200A	8658-23-130						
	H604-23-130						



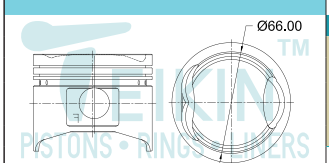
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 19.00 mm

19

B6 — 1597 cc — 4 cyl.

323
F.I ; SOHC 4
1986 - 87

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 78.00	2 - 1.5	Ø 19.980		TL			
		TL 65.00		OD			
CD 31.90							
-2.0	1 - 4.0						
TL 63.00							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.					
42171	R 42171	P 42146					
REFERENCE NO.	REFERENCE NO.						
B6Y0-11-SA0	B6Y0-11-SCO						
B6Y0-11-SA0A	B6Y0-11-SCOA						
B630-11-102	B6Y0-11-SDO						
	B6Y0-11-SDOA						



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 14.50 mm

20

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

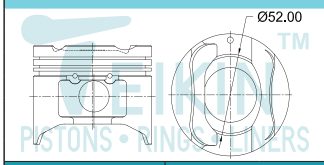
B6 - II — 1597 cc — 4 cyl.

B5

Ø	78.00
CD	32.46
	-3.0
TL	63.00

RINGS: 2 - 1.5 / 1 - 3.0

PIN: Ø 19.980, TL 65.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42172	R 42172	P 42146

REFERENCE NO.	REFERENCE NO.
B6Y2-11-SAO	B6Y3-11-SCO
B6Y2-11-SBO	B6Y3-11-SCOA
B6Y2-11-SBX	B6Y3-11-SDO
	B6Y3-11-SDX

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 16.50 mm

21

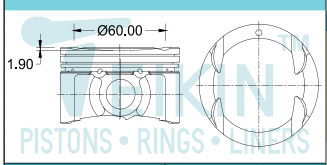
Z6 — 1600 cc — 4 cyl.

MAZDA3 1.6L

Ø	78.00
CD	29.80
	-1.9
TL	48.30

RINGS: 2 - 1.2 / 1 - 2.5

PIN: Ø 18.980, TL 58.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42211	R 42211	P 42202

REFERENCE NO.	REFERENCE NO.
Z6Y1-11-SAO	ZYY1-22-SCO
	ZYY2-11-SCO

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 5.00 mm

22

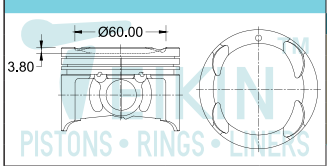
ZM — 1597 cc — 4 cyl.

PROTÉGÉ
1999-2002
F.I. DOHC 16V

Ø	78.00
CD	31.00
	-3.8
TL	54.50

RINGS: 1 - 1.2 / 1 - 1.5 / 1 - 3.0

PIN: Ø 19.980, TL 61.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42214	R 42214	P 42173

REFERENCE NO.	REFERENCE NO.
ZMY0-11-SA0	ZLY0-11-SCO
	ZLY0-11-SDO
	ZLY0-11-SDX

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 11.00 mm

23

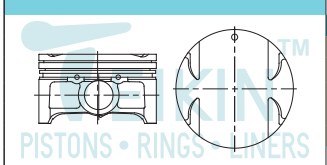
MZR 1.5L — 1475 cc — 4 cyl.

MAZDA2 2011

Ø	78.00
CD	26.90
	-1.6
TL	45.50

RINGS: 2 - 1.2 / 1 - 2.5

PIN: Ø 18.980, TL 58.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42219	R 42211	P 42202

REFERENCE NO.	REFERENCE NO.
ZYY3-11-SA0	ZYY1-22-SCO
	ZYY2-11-SCO

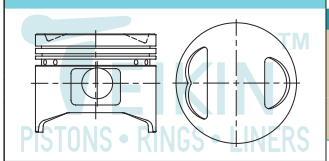
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

24

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

B5 — 1498 cc — 4 cyl.

Ø 78.00	2 - 1.5	Ø 19.980
CD 31.90		TL 61.00
-6.2	1 - 4.0	
TL 63.50		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42653	R 42171	P 42173

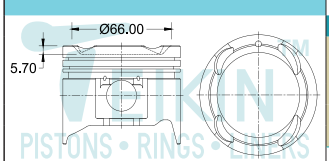
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.50 mm

REFERENCE NO.	REFERENCE NO.
B505-11-102B	B6Y0-11-SCO
B5Y5-11-A0A	B6Y0-11-SCOA
B5Y1-11-SA0	B6Y0-11-SDO
	B6Y0-11-SDOA

25

B6-T — 1597 cc — 4 cyl.

Ø 78.00	2 - 1.5	Ø 19.990
CD 32.30		TL 61.50
-5.7	1 - 4.0	
TL 63.60		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42662	R 42171	P 42662

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 14.30 mm

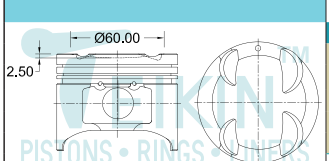
REFERENCE NO.	REFERENCE NO.
B6Z0-11-SA0	B6Y0-11-SCO
B6Z0-11-SA0C	B6Y0-11-SCOA
	B6Y0-11-SDO
	B6Y0-11-SDOA

26

B6ZE — 1498 cc — 4 cyl.

B6-ME
MX3
1994 - 95
F.I. DOHC 16V

Ø 78.00	2 - 1.5	Ø 19.990
CD 31.90		TL 57.00
-2.5	1 - 3.0	
TL 62.50		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42668	R 42172	P 44328

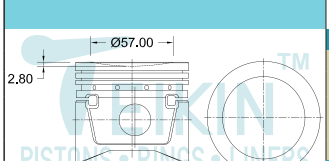
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.50 mm

REFERENCE NO.	REFERENCE NO.
B6Z7-11-SAO	B6Y3-11-SCO
0K2YA-11-SAO	B6Y3-11-SCOA
B6BF-11-102	B6Y3-11-SDO
BP05-11-102	B6Y3-11-SDX

27

VB — 1796 cc — 4 cyl.

Ø 78.00	2 - 1.5	Ø 22.000	TL 146.0	TEIKIN NO.
CD 39.90		TL 65.50	OD 82.0	LKSX 42669
-2.8	1 - 4.0			
TL 76.90				



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42669	R 42141	P 42669	LSX 42141

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.00 mm

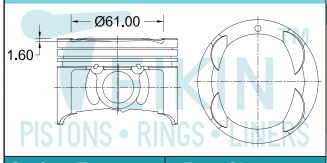
REFERENCE NO.	REFERENCE NO.	Surface Treatment	REFERENCE NO.
0290-23-200	0222-23-206	None	305-23-208
3879-23-200	0222-23-130		
	0290-23-130		
	0290-23-131		

28

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

ZL-VE — 1498 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 78.00	1 - 1.2	Ø 20.000					
	1 - 1.5	TL 61.00					
CD 30.60							
-1.6	1 - 3.0						
TL 54.00							
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**					
42672	**R 42214**	**P 46310**					
REFERENCE NO.	**REFERENCE NO.**						
ZLY2-11-SAO	ZLY0-11-SCO						
ZLY2-11-SBO	ZLY0-11-SDO						
ZLY2-11-SBX	ZLY0-11-SDX						

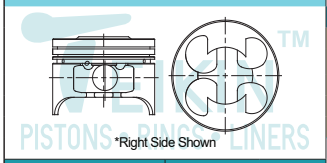


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 11.00 mm

29

KF — 1995 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 78.00	2 - 1.5	Ø 18.980					
		TL 59.00					
CD 28.70							
+1.5	1 - 3.0						
TL 57.50							
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**					
42665	**R 42665**	**P 42665**					
REFERENCE NO.	**REFERENCE NO.**						
KFY1-11-SA0(R/L)	KYF2-11-SCOA						
	KYF2-11-SDOA						
	KYF2-11-SDXA						

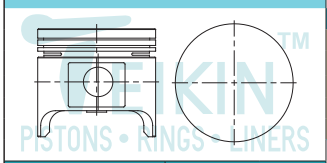


Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

30

MA — 1970 cc — 4 cyl. — 1981

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 80.00	1 - 1.2	Ø 19.980		TL		177.8	TEIKIN NO.
	1 - 1.5	TL 65.00		OD		84.0	LKSX 42146
CD 36.31							
	1 - 4.0						
TL 73.30							
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**			
42146	**R 42146**	**P 42146**		**LSX 42146**			
				Surface Treatment			
				None			
REFERENCE NO.	**REFERENCE NO.**			**REFERENCE NO.**			
HE01-23-200	8682-23-130			8173-23-206			
8682-23-200	8682-23-130A						
4112-23-200	D97Z-6149						
	HE18-23-130						

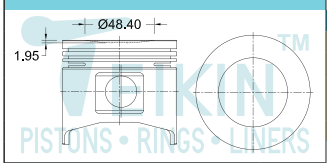


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 19.00 mm

31

VC OLD — 1769 cc — 4 cyl. — 1973 LUCE

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 80.00	2 - 2.0	Ø 22.000		TL		177.8	TEIKIN NO.
		TL 65.00		OD		84.0	LKSX 42152
CD 36.00							
-2.0	1 - 4.0						
TL 73.00							
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**			
42152	**R 42152**	**P 42141**		**LSX 42146**			
				Surface Treatment			
				None			
REFERENCE NO.	**REFERENCE NO.**			**REFERENCE NO.**			
0453-23-200	0453-23-130			8173-23-206			
	0453-23-130B						
	3975-23-130						



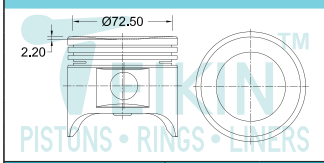
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 18.75 mm

32

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

VC NEW — 1769 cc — 4 cyl.

Ø 80.00							TEIKIN NO.
CD 35.90	1 - 1.5	Ø 20.000		TL		146.0	
-2.2	1 - 2.0	TL 66.00		OD		82.0	LKSX 42170
TL 72.80	1 - 4.0						
TEIKIN NO. 42170	TEIKIN NO. R 42170	TEIKIN NO. P 46187		TEIKIN NO. LSX 42141			
				Surface Treatment: None			
REFERENCE NO. H802-23-200	REFERENCE NO. H617-23-130			REFERENCE NO. 305-23-208			

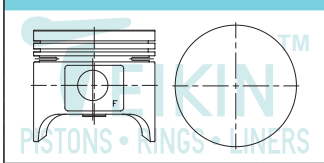


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 20.00 mm

33

MA-IV — 1970 cc — 4 cyl.

Ø 80.00							TEIKIN NO.
CD 36.30	1 - 1.5	Ø 19.980		TL		177.8	
	1 - 2.0	TL 65.00		OD		84.0	LKSX 42203
TL 73.30	1 - 4.0						
TEIKIN NO. 42203	TEIKIN NO. R 42203	TEIKIN NO. P 42146		TEIKIN NO. LSX 42146			
				Surface Treatment: None			
REFERENCE NO. HE41-23-200	REFERENCE NO. HE05-23-130			REFERENCE NO. 8173-23-206			

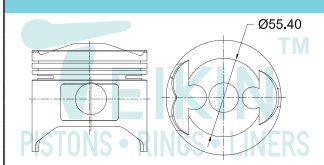


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 19.00 mm

34

F6 — 1587 cc — 4 cyl.
1982

Ø 81.00							TEIKIN NO.
CD 34.31	2 - 1.5	Ø 21.980		TL		150.0	
+4.7		TL 67.00		OD		85.0	LKSX 42159
TL 76.00	1 - 4.0						
TEIKIN NO. 42159	TEIKIN NO. R 42159	TEIKIN NO. P 42164		TEIKIN NO. LSX 42159			
				Surface Treatment: None			
REFERENCE NO. F605-23-200	REFERENCE NO. F601-23-130/A F601-23-131/A F6Y1-11-SCO/DO F6Y1-11-SDX/Y/Z			REFERENCE NO.			

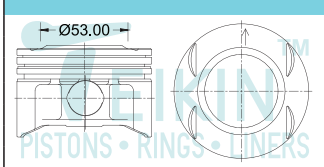


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 20.00 mm

35

GY — 2498 cc — 6 cyl.
MPV
2000-01
DOHC 24V

Ø 81.65							
CD 30.00	1 - 1.2	Ø 21.015					
+2.0	1 - 1.5	TL 55.50					
TL 55.60	1 - 3.0						
TEIKIN NO. 42199		TEIKIN NO. P 42199					
REFERENCE NO. GY01-11-100C 1U2ZZ6100AA							

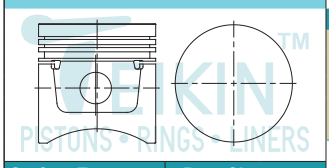


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 9.50 mm

36

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
						LINER		

VA — 1985 cc — 4 cyl.



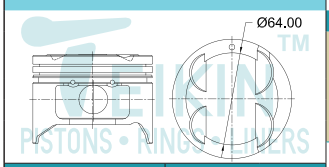
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 24.00 mm

Ø 82.00	2 - 2.0	Ø 22.000		TL 168.5	TEIKIN NO.
CD 45.00	1 - 4.5	TL 71.00		OD 90.0 FT 9.0 FD 98.0	LKFF 42612
TL 83.50					
TEIKIN NO. 42612 (42181)	**TEIKIN NO.** R 42612	**TEIKIN NO.** P 42612	**TEIKIN NO.** B 42612	**TEIKIN NO.** LFF 42612	
				Surface Treatment: None	
REFERENCE NO. 0553-23-200	**REFERENCE NO.** 0552-23-180 0552-23-190 1352-23-130		**REFERENCE NO.** 0107-11-212 0170-11-212	**REFERENCE NO.** 0552-10-311 0552-10-311A	

37

BP05 — 1839 cc — 4 cyl.

1990-96
F.I., DOHC
PROTÉGÉ, MIATA



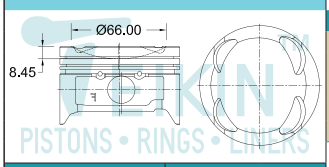
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 15.00 mm

Ø 83.00	2 - 1.5	Ø 20.000			
CD 30.65 +0.5	1 - 3.0	TL 56.58			
TL 61.50					
TEIKIN NO. 42165	**TEIKIN NO.** R 42165	**TEIKIN NO.** P 42165			
REFERENCE NO. BPY1-11-SAO BPY1-11-SAOA	**REFERENCE NO.** BPY1-11-SCO/DO/DX BPY4-11-SCO/DO BPZ0-11-SCOA/B BPZ0-11-SDOA/B				

38

FS — 1991 cc — 4 cyl.

FP
626, MX6
16 VALVE, F.I., DOHC 4
1993-1995



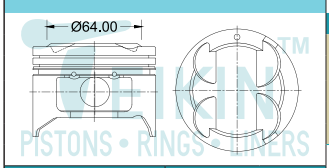
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 11.00 mm

Ø 83.00	1 - 1.2 1 - 1.5	Ø 19.000			
CD 29.85 -8.5	1 - 3.0	TL 58.00			
TL 53.85					
TEIKIN NO. 42166 (42650)	**TEIKIN NO.** R 42166	**TEIKIN NO.** P 32125			
REFERENCE NO. FSY1-11-SA0 FP01-11-102A	**REFERENCE NO.** FSY1-11-SCO/DO/DX FSY2-11-SCO/DO/DX FSY1-11-SCOA/DOA/DXA FSY2-11-SCOA/DOA/DXA				

39

BP-II — 1839 cc — 4 cyl.

MIATA
1999-2002
DOHC 16V



Surface Treatment	Bore Clearance
None	MRC: 0.020 mm MP: 15.00 mm

Ø 83.00	2 - 1.5	Ø 20.000			
CD 30.70 +2.0	1 - 3.0	TL 56.58			
TL 63.00					
TEIKIN NO. 42200	**TEIKIN NO.** R 42165	**TEIKIN NO.** P 42165			
REFERENCE NO. BPZ0-11-SA0	**REFERENCE NO.** BPY1-11-SCO/DO/DX BPY4-11-SCO/DO BPZ0-11-SCOA/B BPZ0-11-SDOA/B				

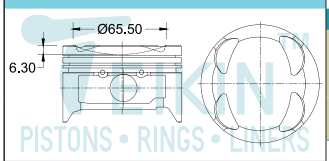
40

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET

FP — 1839 cc — 4 cyl.

PROTÉGÉ
1999-2000
F.I. DOHC 16V

PISTON SET	RINGS	PIN
Ø 83.00	1 - 1.2	Ø 18.980
	1 - 1.5	TL 58.00
CD 29.80		
-6.3	1 - 3.0	
TL 53.80		
TEIKIN NO. 42202	TEIKIN NO. R 42166	TEIKIN NO. P 42202
REFERENCE NO. FPY1-11-SA0	REFERENCE NO. FSY1-11-SCO/DO/DX FSY2-11-SCO/DO/DX FSY1-11-SCOA/DOA/DXA FSY2-11-SCOA/DOA/DXA	



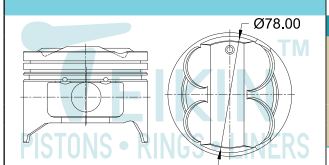
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 11.00 mm

41

BP-III — 1839 cc — 4 cyl.

MIATA 2001-2005

PISTON SET	RINGS	PIN
Ø 83.00	2 - 1.5	Ø 20.000
		TL 56.58
CD 30.70		
+3.0	1 - 3.0	
TL 64.00		
TEIKIN NO. 42208	TEIKIN NO. R 42165	TEIKIN NO. P 42165
REFERENCE NO. BPZ3-11-SA0	REFERENCE NO. BPY1-11-SCO/DO/DX BPY4-11-SCO/DO BPZ0-11-SCOA/B BPZ0-11-SDOA/B	

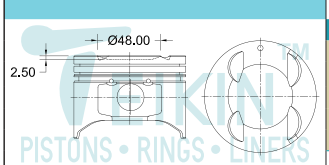


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.00 mm

42

BP — 1839 cc — 4 cyl.

PISTON SET	RINGS	PIN
Ø 83.00	2 - 1.5	Ø 19.985
		TL 61.00
CD 30.70		
-2.5	1 - 3.0	
TL 61.00		
TEIKIN NO. 42661	TEIKIN NO. R 42165	TEIKIN NO. P 42661
REFERENCE NO. BPY0-11-SA0 BPY0-11-SA0A	REFERENCE NO. BPY1-11-SCO/DO/DX BPY4-11-SCO/DO BPZ0-11-SCOA/B BPZ0-11-SDOA/B	

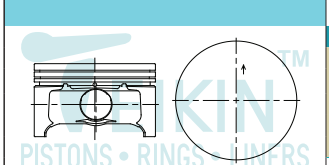


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 10.00 mm

43

L8 — 1798 cc — 4 cyl.

PISTON SET	RINGS	PIN
Ø 83.00	2 - 1.2	Ø 21.000
		TL 59.00
CD 28.50		
	1 - 2.5	
TL 51.00		
TEIKIN NO. 42676	TEIKIN NO. R 42676	TEIKIN NO. P 45131
REFERENCE NO. L8Y1-11-010 L8Y1-11-SAO L8Y1-11-SAOA	REFERENCE NO. L8Y1-11-SCA L8Y1-11-SCO L8Y1-11-SCOA	



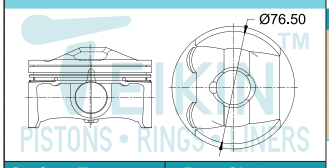
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 10.50 mm

44

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

SKYACTIV-G 1998 cc — 4 cyl.

MAZDA CX-5



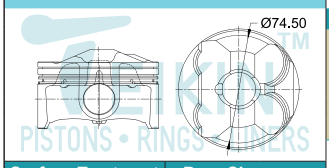
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.60 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 83.50 CD 25.70 +8.3 TL 54.60	2 - 1.0 1 - 2.0	Ø 21.000 TL 45.00					
TEIKIN NO. 42220	TEIKIN NO. R 42220	TEIKIN NO. P 42220					
REFERENCE NO. PEY2-11-SA0A	REFERENCE NO. PEY1-11-SC0						

45

SKYACTIV-G-II 1998 cc — 4 cyl.

MAZDA3 2014-2015
VIN 7
DOHC 16V L4
CX-5 2013-16



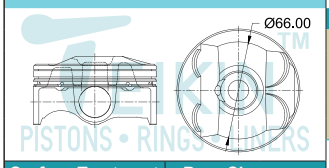
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.60 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 83.50 CD 25.70 +8.4 TL 54.60	2 - 1.0 1 - 2.0	Ø 21.000 TL 45.00					
TEIKIN NO. 42225	TEIKIN NO. R 42225	TEIKIN NO. P 42220					
REFERENCE NO. PEY3-11-SA0A	REFERENCE NO.						

46

2.0L SKYACTIV-G 1998 cc — 4 cyl.

MX-5 MIATA (2019-2022)



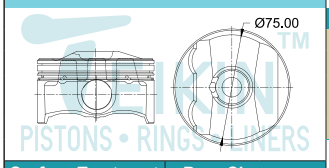
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.00 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 83.50 CD 25.70 +5.3 TL 46.50	2 - 1.0 1 - 2.0	Ø 21.000 TL 45.00					
TEIKIN NO. 42227		TEIKIN NO. P 42220					
REFERENCE NO. PEZ0-11-SA0A							

47

PE — 4 cyl.

CX3 (2018-2021)
CX5 (2018-)
3 (2021-2022)



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.00 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 83.50 CD 25.70 +5.3 TL 51.50	2 - 1.0 1 - 2.0	Ø 21.000 TL 45.00					
TEIKIN NO. 42228		TEIKIN NO. P 42220					
REFERENCE NO. PEY9-11-SA0							

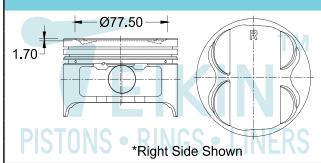
48

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

KL 2496 cc 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 84.50	2 - 1.5	Ø 19.990				
CD 29.20		TL 61.50				
-1.7	1 - 3.0					
TL 56.00						
TEIKIN NO. 42664	TEIKIN NO. R 42664	TEIKIN NO. P 42662				
REFERENCE NO. KLY1-11-SL0 (R), KLY1-11-SA0 (L)	REFERENCE NO. KLY1-11-SCO/DO/DX, KLY1-11-SCOA/DOA/DXA, KLY2-11-SCO/DO/DX, KLY2-11-SCOA/DOA/DXA					



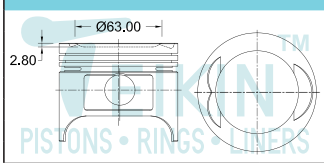
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Moly Skirt	MP: 13.00 mm

49

FE 2000 cc 4 cyl.

TX-5
626, SL/SLX
1989-92

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 86.00	2 - 1.5	Ø 21.980				
CD 33.96		TL 67.00				
-2.8	1 - 4.0					
TL 71.00						
TEIKIN NO. 42157	TEIKIN NO. R 42157	TEIKIN NO. P 42164				
REFERENCE NO. FE01-23-200, FE01-11-102, FE01-23-210, FE01-23-220	REFERENCE NO. F2Y1-11-SC0/DO/DX, F2Y2-11-SCO, F801-23/130/0A/1A/2A, F8Y1-11-SCO/DO/DX					



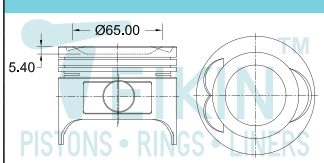
Surface Treatment	Bore Clearance
None	MRC: 0.050 mm
	MP: 20.20 mm

50

F2 2184 cc 4 cyl.

626
1987-93
F.I., / CARB., SOHC
PICKUP

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 86.00	2 - 1.5	Ø 21.980		TL 158.8		TEIKIN NO.
CD 36.11		TL 67.00		OD 90.0		LKSX 42164
-5.4	1 - 4.0					
TL 70.90						
TEIKIN NO. 42164	TEIKIN NO. R 42157	TEIKIN NO. P 42164		TEIKIN NO. LSX 42164		
				Surface Treatment: None		
REFERENCE NO. F2Y4-11-SAO	REFERENCE NO. F2Y1-11-SC0/DO/DX, F2Y2-11-SCO, F801-23/130/0A/1A/2A, F8Y1-11-SCO/DO/DX			REFERENCE NO. F801-10-311		



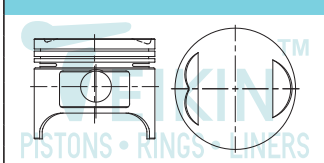
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 19.90 mm

51

F8 1789 cc 4 cyl.

1982

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 86.00	2 - 1.5	Ø 21.980		TL 158.8		TEIKIN NO.
CD 33.96		TL 67.00		OD 90.0		LKSX 42168
-3.7	1 - 4.0					
TL 71.00						
TEIKIN NO. 42168	TEIKIN NO. R 42157	TEIKIN NO. P 42164		TEIKIN NO. LSX 42164		
				Surface Treatment: None		
REFERENCE NO. F801-23-200, F801-11-102	REFERENCE NO. F2Y1-11-SC0/DO/DX, F2Y2-11-SCO, F801-23/130/0A/1A/2A, F8Y1-11-SCO/DO/DX			REFERENCE NO. F801-10-311		



Surface Treatment	Bore Clearance
None	MRC: 0.050 mm
	MP: 20.20 mm

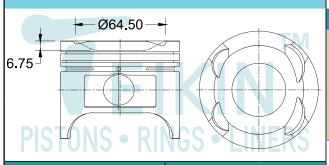
52

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

F2-II — 2200 cc — 4 cyl.

N 2200
626, 1988-92
F.I., SOHC, 16 V

Ø 86.00	2 - 1.5	Ø 21.980		TL	158.8	TEIKIN NO.
CD 36.50		TL 67.00		OD	90.0	LKSX 42192
-6.7	1 - 4.0					
TL 71.50						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
42192	R 42157	P 42164		LSX 42164
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
F2Y2-11-SAO	F2Y1-11-SC0/DO/DX F2Y2-11-SCO F801-23/130/0A/1A/2A F8Y1-11-SCO/DO/DX			F801-10-311

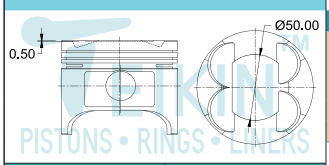
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 19.90 mm

53

FE-II — 1998 cc — 4 cyl.

626, 2.0 SL, SLX

Ø 86.00	2 - 1.5	Ø 21.980				
CD 34.50		TL 67.00				
-0.5	1 - 4.0					
TL 70.90						



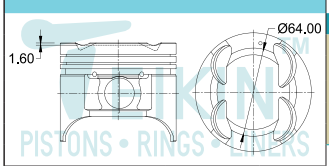
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
42193	R 42193	P 42164		
REFERENCE NO.	REFERENCE NO.			
FEYC-11-SA0				

Surface Treatment	Bore Clearance
None	MRC: 0.050 mm MP: 20.20 mm

54

FE-VII — 1998 cc — 4 cyl.

Ø 86.00	2 - 1.5	Ø 22.000				
CD 36.50		TL 72.00				
-1.6	1 - 4.0					
TL 71.40						



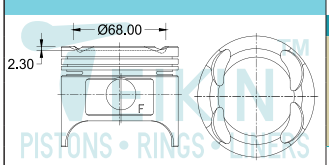
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
42206	R 42157	P 46199		
REFERENCE NO.	REFERENCE NO.			
FEYA-11-SAOC	F2Y1-11-SC0/DO/DX F2Y2-11-SCO F801-23/130/0A/1A/2A F8Y1-11-SCO/DO/DX			

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 20.00 mm

55

FE-VIII — 2300 cc — 4 cyl.

Ø 86.00	2 - 1.5	Ø 21.980				
CD 34.00		TL 67.00				
-2.3	1 - 4.0					
TL 70.50						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
42218	R 42157	P 42164		
REFERENCE NO.	REFERENCE NO.			
FEJK-11-SA0A	F2Y1-11-SC0/DO/DX F2Y2-11-SCO F801-23/130/0A/1A/2A F8Y1-11-SCO/DO/DX			

Surface Treatment	Bore Clearance
None	MRC: 0.050 mm MP: 20.00 mm

56

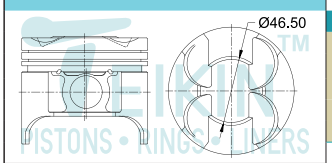
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

FE-III — 1998 cc — 4 cyl.

Ø	86.00
CD	36.50
	+1.0
TL	72.50

2 - 1.5
1 - 4.0

Ø 22.000
TL 72.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42602 (42194)	R 42157	P 46199

REFERENCE NO.	REFERENCE NO.
FEYB-11-SAO	F2Y1-11-SC0/DO/DX F2Y2-11-SCO F801-23/130/0A/1A/2A F8Y1-11-SCO/DO/DX

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.00 mm

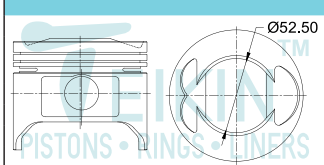
57

FE-IV — 1998 cc — 4 cyl.
626 Sli
1989-92

Ø	86.00
CD	33.90
	+1.8
TL	72.80

2 - 1.5
1 - 4.0

Ø 21.980
TL 67.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42603 (42195)	R 42157	P 42164

REFERENCE NO.	REFERENCE NO.
FEA7-23-200	F2Y1-11-SC0/DO/DX F2Y2-11-SCO F801-23/130/0A/1A/2A F8Y1-11-SCO/DO/DX

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.00 mm

58

F2T — 2184 cc — 4 cyl.
626 - MX-6
SOHC 16V

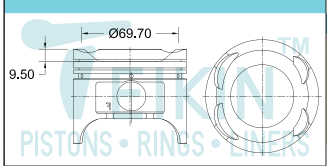
Ø	86.00
CD	36.50
	-9.5
TL	71.50

2 - 1.5
1 - 4.0

Ø 22.000
TL 67.00

TL 158.8
OD 90.0

TEIKIN NO. LKSX 42678



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42678	R 42157	P 44703	LSX 42164

Surface Treatment
None

REFERENCE NO.	REFERENCE NO.
F220-11-SAO	F2Y1-11-SC0/DO/DX F2Y2-11-SCO F801-23/130/0A/1A/2A F8Y1-11-SCO/DO/DX

REFERENCE NO.
F801-10-311

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 19.90 mm

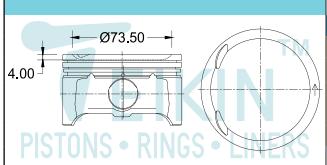
59

L3 — 2300 cc — 4 cyl.
MAZDA3 2001-2006

Ø	87.50
CD	28.50
	-4.0
TL	51.00

2 - 1.2
1 - 2.5

Ø 21.000
TL 61.50



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42205	R 42210	P 56104

REFERENCE NO.	REFERENCE NO.
L3Y5-11-010 L3Y9-11-010	L3Y1-11-SCA/O L3Y3-11-SCO LFY1-11-SCA/0 LFY5-11-SCO

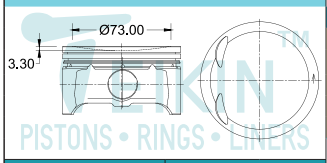
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown	MRC: 0.030 mm MP: 10.00 mm

60

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

L3-II 2300 cc — MAZDA6 2.3L — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 87.50 CD 28.50 -3.3 TL 51.00	2 - 1.2 1 - 2.5	Ø 21.000 TL 61.50				
TEIKIN NO. 42209	TEIKIN NO. R 42210	TEIKIN NO. P 56104				
REFERENCE NO. L3Y7-11-010 L3Y2-11-010 L3Y2-11-SAO L3Y2-11-SAOA	REFERENCE NO. L3Y1-11-SCA/O L3Y3-11-SCO LFY1-11-SCA/0 LFY5-11-SCO					

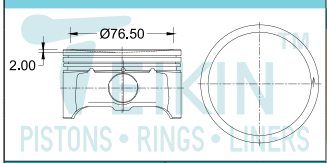


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 10.00 mm
1st Ring Anodized	

61

LF 2000 cc — MAZDA3 2.0, MAZDA6 2.0 — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 87.50 CD 28.50 -2.0 TL 51.00	2 - 1.2 1 - 2.5	Ø 21.000 TL 61.50				
TEIKIN NO. 42210	TEIKIN NO. R 42210	TEIKIN NO. P 56104				
REFERENCE NO. LFY2-11-010	REFERENCE NO. L3Y1-11-SCA/O L3Y3-11-SCO LFY1-11-SCA/0 LFY5-11-SCO					

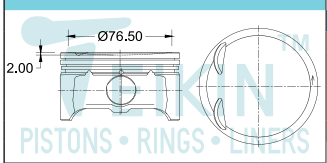


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 10.00 mm
1st Ring Anodized	

62

LF-II — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 87.50 CD 28.50 -2.0 TL 51.00	2 - 1.2 1 - 2.5	Ø 21.000 TL 61.50				
TEIKIN NO. 42216	TEIKIN NO. R 42210	TEIKIN NO. P 56104				
REFERENCE NO. LFY5-11-010	REFERENCE NO. L3Y1-11-SCA/O L3Y3-11-SCO LFY1-11-SCA/0 LFY5-11-SCO					

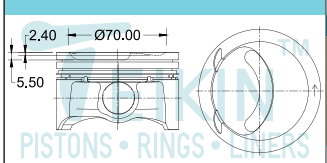


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 10.00 mm
1st Ring Anodized	

63

MZR 2.3L 2261 cc — MAZDA CX-7 2009 — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 87.50 CD 32.50 -5.5 TL 55.00	2 - 1.5 1 - 2.0	Ø 22.500 TL 65.00				
TEIKIN NO. 42221	TEIKIN NO. R 42221	TEIKIN NO. P 42221				
REFERENCE NO. L3Y4-11-SA0	REFERENCE NO. L3Y4-11-SC0					



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 11.50 mm
1st Ring Anodized	

64

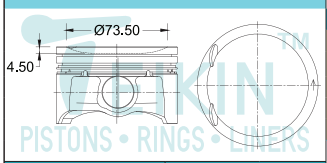
TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

L3-III — 2261 cc — 4 cyl.

MAZDA CX-7 2006
MAZDA3

Ø 87.50			
CD 32.50	2 - 1.5	Ø 22.500	
-4.5	1 - 2.0	TL 65.00	
TL 55.00			
TEIKIN NO. 42222	**TEIKIN NO.** R 42221	**TEIKIN NO.** P 42221	
REFERENCE NO. L3Y0-11-SA0	**REFERENCE NO.** L3Y4-11-SC0		



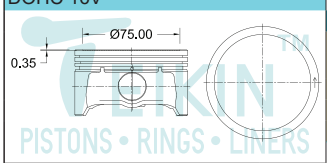
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 11.50 mm
1st Ring Anodized	

65

LF-III — 1999 cc — 4 cyl.

Mazda 3
Mazda 5
Mazda 6
(02-06)
DOHC 16V

Ø 87.50			
CD 28.50	2 - 1.2	Ø 21.000	
-0.4	1 - 2.5	TL 60.00	
TL 51.00			
TEIKIN NO. 42684	**TEIKIN NO.** R 42210	**TEIKIN NO.** P 42684	
REFERENCE NO. LFY1-11-010 LFY1-11-SA0 LFY1-11-SA0A	**REFERENCE NO.** L3Y1-11-SCA/O L3Y3-11-SCO LFY1-11-SCA/0 LFY5-11-SCO		

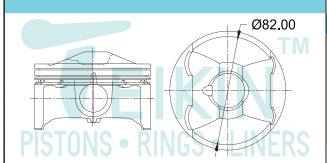


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 10.00 mm
1st Ring Anodized	

66

SKYACTIV-G 2.5L — 2488 cc — 4 cyl.

Ø 89.00			
CD 25.80	2 - 1.0	Ø 21.000	
+8.8	1 - 2.0	TL 49.50	
TL 58.00			
TEIKIN NO. 42223	**TEIKIN NO.** R 42223	**TEIKIN NO.** P 42223	
REFERENCE NO. PYY1-11-SAO	**REFERENCE NO.** PYY1-11-SC0		



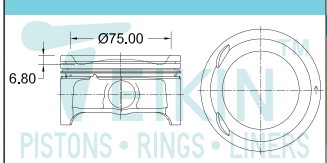
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 9.70 mm
1st Ring Anodized	

67

L5-VE — 2488 cc — 4 cyl.

3 ~ 6 ~ CX-7
(07-)
DOHC 16V

Ø 89.00			
CD 28.40	2 - 1.2	Ø 20.000	
-6.8	1 - 2.5	TL 55.00	
TL 50.60			
TEIKIN NO. 42680	**TEIKIN NO.** R 42680	**TEIKIN NO.** P 42108	
REFERENCE NO. L5Y3-11-SAO	**REFERENCE NO.** L5Y3-11-SC0		



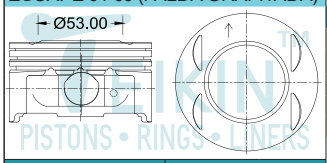
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 10.00 mm
1st Ring Anodized	

68

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

AJ — 2967 cc — 6 cyl.

3.0L
DOHC 24V
MPV 02-05
TRIBUTE 01-05
ESCAPE 01-09 (FALDA GRAFITADA)



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

Ø	89.00
CD	30.00
	+1.0
TL	52.60

RINGS
1 - 1.2
1 - 1.5
1 - 2.5

Ø	21.012
TL	60.50

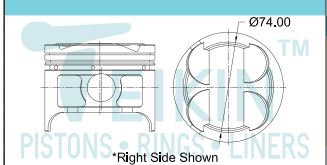
TEIKIN NO.	TEIKIN NO.
42207	P 42207

REFERENCE NO.
AJ0311100A
ZZTT11100
AJTM11100
6E5Z-6100-BA

69

JE-48 / JE-27 — 2954 cc — 6 cyl.

929. 24 V
1992-96
F.I., DOHC V6



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm
Moly Skirt	MP: 17.30 mm

Ø	90.00
CD	35.11
	+1.3
TL	71.90

RINGS
2 - 1.5
1 - 4.0

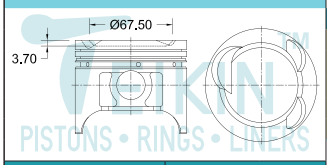
Ø	22.980
TL	63.00

TEIKIN NO.	TEIKIN NO.
42169	P 42163

REFERENCE NO.
JE27-11-SAO
JEY8-11-SA0
JEY9-11-SL0

70

JE — 2954 cc — 6 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Moly Skirt	MP: 10.00 mm

Ø	90.00
CD	35.50
	-3.7
TL	74.00

RINGS
2 - 1.5
1 - 4.0

Ø	23.000
TL	77.00

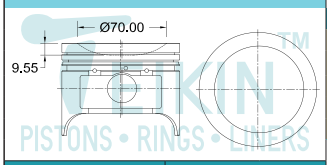
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42655	R 42655	P 42655

REFERENCE NO.	REFERENCE NO.
JEY6-11-SA0	JEY0-11-SCO/DO/DX
JEY6-11-SA0B	JEY1-11-SCO/DO/DX

71

G6 — 2606 cc — 4 cyl.

1989-94
F.I., SOHC 4, 12 VALVE
B2600i, MPV



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 20.25 mm

Ø	92.00
CD	36.55
	-9.6
TL	74.50

RINGS
2 - 1.5
1 - 4.0

Ø	22.980
TL	63.00

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42163	R 42163	P 42163

REFERENCE NO.	REFERENCE NO.
G602-11-SAO	G601-11-SCOA
	G612-11-SCO
	G612-11-SDO
	G612-11-SDX

72

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

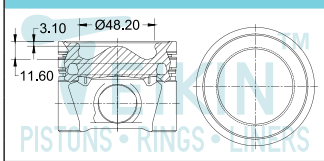
SKYACTIV-D 1.5 — 1497 cc — 4 cyl.

CX-3 (2015-2018)
DOHC

Ø	76.00
CD	40.00
	-11.6
TL	58.00

RINGS
1 - 1.8
1 - 1.0
1 - 2.0

PIN	
Ø	24.000
TL	57.50



TEIKIN NO.	TEIKIN NO.
42229AG	P 42229

REFERENCE NO.
S5Y1-11-SA0B

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 5.00 mm

73

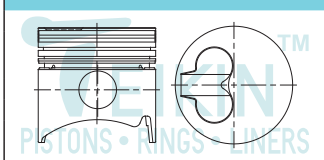
PN — 1720 cc — 4 cyl.

Ø	78.00
CD	41.30
	-2.6
TL	76.10

RINGS
1 - 2.0
1 - 1.5
1 - 3.0

PIN	
Ø	25.000
TL	64.00

TL	157.0	155.0	TEIKIN NO.
OD	82.0	82.0	LKFX 42601
FT	2.0		LKSF 42601
FD	86.0		LKSX 42601



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42601 (42175)	R 42601	P 42601	B 42601	LFX 42601 LSF 42601 LSX 42601

Surface Treatment
None

REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
PN20-11-SBX PN20-11-SAO PN11-11-SAOB	PN11-11-SCO PNY2-11-SCO PNY2-11-SCOA		PN11-11-213	PN11-11-311

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 5.00 mm

74

R2 — 2184 cc — 4 cyl.

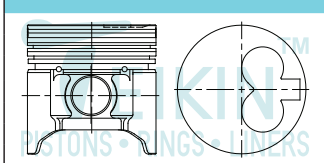
KIA BESTA 2.2L
NB1, B2200

Ø	86.00
CD	47.25
	-1.5
TL	86.35

RINGS
2 - 2.0
1 - 4.0

PIN	
Ø	25.000
TL	68.00

TL	165.0	165.0	TEIKIN NO.
OD	89.0	90.0	LKFF 42167
FT	4.0		LKSF 42167
FD	94.0		LKSX 42167
			LKFF 42167A
			LKSF 42167A
			LKSX 42167A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42167 42167A	R 42167	P 42167	B 42167	LFF 42167 LSF 42167 LSX 42167

Surface Treatment
None

REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
RF01-23-200 K7YO-11-SAO RF01-23-200B	R201-23-130A R201-23-130B		RF01-11-213	R201-23-051 RF01-10-311

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.00 mm

75

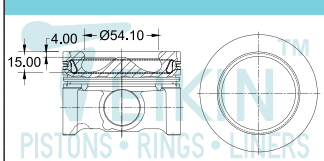
SKYACTIV-D — 2189 cc — 4 cyl.

MAZDA 3 (2013)
MAZDA 6 / 6 WAGON (2012)
MAZDA CX-5 (2011-2012)

Ø	86.00
CD	41.00
	-15.0
TL	61.00

RINGS
1 - 2.0
1 - 1.5
1 - 2.0

PIN	
Ø	26.000
TL	58.50



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42226AG	R 42226	P 42226

REFERENCE NO.	REFERENCE NO.
SHY1-11-SA0	SHY1-11-SC0

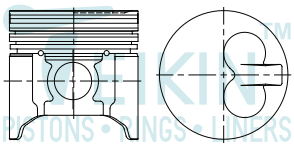
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 5.50 mm

76

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

RF — 1998 cc — 4 cyl.

Ø 86.00	1 - 2.0 HK	Ø 30.000		TL	163.0	163.0	TEIKIN NO.
CD 47.20	1 - 2.0	TL 68.00		OD	89.0	90.0	LKFF 42610AG
-3.4				FT	2.8		LKSF 42610AG
TL 86.20	1 - 3.0			FD	94.0		LKSX 42610AG



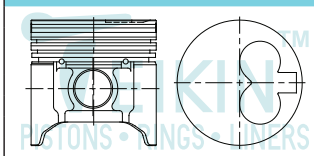
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42610AG	R 42610	P 42671	B 42610	LFF 42610 LSF 42610 LSX 42610
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
RFY4-11-SA0A RFY2-11-SC0	RFY2-11-SCO RFYO-11-SCO		RF5C-11-123 RF71-11-213 RF71-11-213A	R2B6-10-311 R2B6-10-313

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 20.00 mm

77

R2 LATE — 2184 cc — 4 cyl.

Ø 86.00	2 - 2.0	Ø 25.000		TL	163.0	163.0	TEIKIN NO.
CD 47.10		TL 68.00		OD	89.0	90.0	LKFF 42611
-1.7	1 - 3.0			FT	2.8		LKSF 42611
TL 86.10				FD	94.0		LKSX 42611
							LKFF 42611AG
							LKSF 42611AG
							LKSX 42611AG



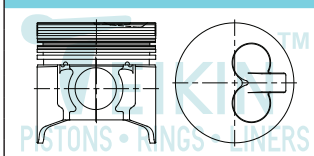
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42611 42611AG	R 42611	P 42167	B 42167	LFF 42610 LSF 42610 LSX 42610
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
R2Y0-11-SA0	R2B6-11-SCO RF2A-11-SCO RFY5-11-SCOA/DOA RFY5-11-SXOA		RF01-11-213	R2B6-10-311 R2B6-10-313

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.50 mm

78

RF-II — 1998 cc — 4 cyl.

Ø 86.00	2 - 2.0	Ø 30.000		TL	165.0	165.0	TEIKIN NO.
CD 47.30		TL 68.00		OD	89.0	90.0	LKFF 42671A
-1.1	1 - 4.0			FT	4.0		LKSF 42671A
TL 86.30				FD	94.0		LKSX 42671A



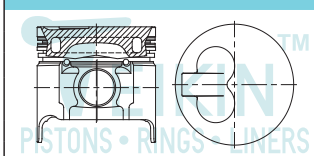
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42671A	R 42167	P 42671	B 42610	LFF 42167 LSF 42167 LSX 42167
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
RFY0-11-SA0 RFY0-11-SA0A	R201-23-130A R201-23-130B		RF5C-11-123 RF71-11-213 RF71-11-213A	R201-23-051 RF01-10-311

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 15.00 mm

79

R2 NEW — 2184 cc — 4 cyl.

Ø 86.00	2 - 2.0	Ø 25.000		TL	163.0	163.0	TEIKIN NO.
CD 43.20		TL 64.00		OD	89.0	90.0	LKFF 42674AG
-2.1	1 - 3.0			FT	2.8		LKSF 42674AG
TL 82.20				FD	94.0		LKSX 42674AG



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42674AG	R 42611	P 42601	B 42167	LFF 42610 LSF 42610 LSX 42610
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
R2Y3-11-SA0B	R2B6-11-SCO RF2A-11-SCO RFY5-11-SCOA/DOA RFY5-11-SXOA		RF01-11-213	R2B6-10-311 R2B6-10-313

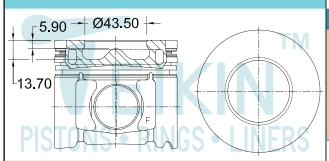
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 21.40 mm

80

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

RF7 — 1998 cc — 4 cyl.
16V
2002

Ø 86.00	2 - 2.0	Ø 30.000		TL 163.0	163.0	TEIKIN NO.
CD 46.80		TL 68.00		OD 89.0	90.0	LKFF 42675AG
-13.7	1 - 3.0			FT 2.8		LKSF 42675AG
TL 75.80				FD 94.0		LKSX 42675AG



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42675AG	R 42611	P 42671	B 42610	LFF 42610 LSF 42610 LSX 42610
				Surface Treatment: None

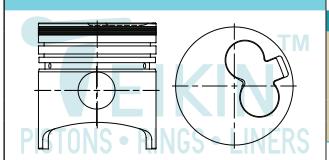
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
RFY7-11-SAOA/B	R2B6-11-SCO		RF5C-11-123	R2B6-10-311
REY7-11-SBOA	RF2A-11-SCO		RF71-11-213	R2B6-10-313
RFY7-11-SBOB	RFY5-11-SCOA/DOA		RF71-11-213A	
RFY7-11-SBXA/B	RFY5-11-SXOA			

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.040 mm MP: 7.50 mm

81

S2 — 2209 cc — 4 cyl.

Ø 88.90	2 - 2.4	Ø 28.000		TL 167.5	TEIKIN NO.
CD 50.70		TL 73.50		OD 96.9	LKFF 42174
-1.7	1 - 4.75			FT 3.8 + 1.0	LKSF 42174
TL 94.70				FD 101.0	LKFF 42174A
					LKSF 42174A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42174 42174A (42604)	R 42174	P 42174	B 42174	LFF 42174 LSF 42174
				Surface Treatment: None

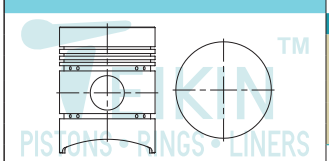
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
1456-23-200A	1456-23-206		0911-11-213	1456-23-051
1456-23-200			1456-11-213	
8259-23-200C			S213-11-213	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 25.00 mm

82

XA — 2522 cc — 4 cyl.

Ø 88.90	3 - 2.4	Ø 31.750		TL 191.0	TEIKIN NO.
CD 60.60		TL 75.00		OD 96.9	LKFF 42605
	2 - 4.8			FT 3.8 + 0.8	LKSF 42605
TL 116.00				FD 101.0	



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42605 (42178)	R 42605	P 42149	B 42149	LFF 42605 LSF 42605
				Surface Treatment: None

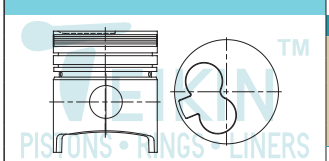
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
0559-99-111	0559-23-206		0636-11-213	0636-10-311
0559-23-200	0559-23-207			S501-23-051
0636-23-200	0636-23-206/7			
0750-23-200	0636-23-210			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 23.00 mm

83

S5 — 2522 cc — 4 cyl.

Ø 88.90	2 - 2.4	Ø 28.000		TL 191.0	TEIKIN NO.
CD 60.40		TL 73.50		OD 96.9	LKFF 42606
-1.9	1 - 4.75			FT 3.8 + 0.8	LKSF 42606
TL 103.40				FD 101.0	



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
42606	R 42174	P 42174	B 42606	LFF 42605 LSF 42605
				Surface Treatment: None

REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
S501-23-200	1456-23-206		S501-11-213	0636-10-311
S501-99-111				S501-23-051

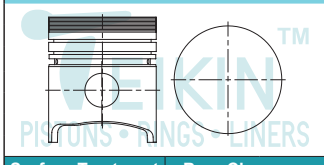
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 23.50 mm

84

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

XA-II — 2522 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 88.90 CD 60.30 TL 103.30	2 - 2.4 1 - 4.75	Ø 28.000 TL 73.50		TL 191.0 OD 96.9 FT 3.8 + 0.8 FD 101.0		TEIKIN NO. LKFF 42659 LKSF 42659
TEIKIN NO. 42659	TEIKIN NO. R 42174	TEIKIN NO. P 42174	TEIKIN NO. B 42606	TEIKIN NO. LFF 42605 LSF 42605 Surface Treatment None		
REFERENCE NO. 0911-99-111B	REFERENCE NO. 1456-23-206		REFERENCE NO. S501-11-213	REFERENCE NO. 0636-10-311 S501-23-051		



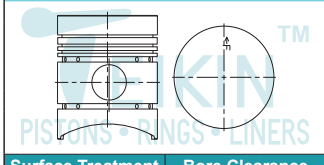
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 23.00 mm

85

XB — 2700 cc — 4 cyl.

E-2700
1969-80

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 92.00 CD 60.18 TL 115.65	3 - 2.4 2 - 4.8	Ø 31.750 TL 75.00		TL 191.0 OD 96.9 FT 3.8 + 0.8 FD 101.0		TEIKIN NO. LKFF 42150 LKSF 42150
TEIKIN NO. 42150	TEIKIN NO. R 42150	TEIKIN NO. P 42149	TEIKIN NO. B 42149	TEIKIN NO. LFF 42150 LSF 42150 Surface Treatment None		
REFERENCE NO. 0528-23-200	REFERENCE NO. 0527-23-206 0528-23-206		REFERENCE NO. 0636-11-213	REFERENCE NO. 0528-10-311 0527-23-051 0552-10-311		

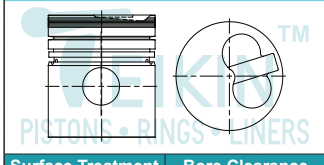


Surface Treatment	Bore Clearance
None	MRC: 0.070 mm MP: 31.25 mm

86

SS K2700 — 2700 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 92.00 CD 60.30 -5.1 TL 103.30	1 - 2.85 FK 1 - 2.4 1 - 4.0	Ø 31.750 TL 75.00		TL 192.0 OD 96.9 FT 3.84 + 0.7 FD 101.0		TEIKIN NO. LKFF 42198 LKSF 42198 LKFF 42198A LKSF 42198A
TEIKIN NO. 42198 42198A	TEIKIN NO. R 42198	TEIKIN NO. P 42149		TEIKIN NO. LFF 42198 LSF 42198 Surface Treatment None		
REFERENCE NO. K4Z0-11-SAO K480-11-102	REFERENCE NO. K4Z0-11-SCO K480-23-206			REFERENCE NO. K800-10-311A		

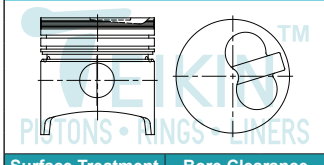


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.60 mm

87

SF K2400 — 2400 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 92.00 CD 50.60 -4.6 TL 94.60	2 - 2.4 1 - 4.0	Ø 28.000 TL 74.80		TL 165.0 OD 96.9 FT 3.86 + 0.8 FD 100.9		TEIKIN NO. LKFF 42658 LKSF 42658 LKFF 42658A LKSF 42658A
TEIKIN NO. 42658 42658A	TEIKIN NO. R 42658	TEIKIN NO. P 32127		TEIKIN NO. LFF 42658 LSF 42658 Surface Treatment None		
REFERENCE NO. K7Z0-11-SAO K768-11-102	REFERENCE NO. K756-23-206 K7Z0-11-SCO 0K7Z0-11-SCO/D/X 0K7Z0-11-SCY/Z			REFERENCE NO. 1456-10-311/B K456-10-311 K756-10-311 OK756-10-311/A		



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 24.75 mm

88

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

ZB — 4052 cc — 6 cyl.

T-4100
1980-ON

Ø 92.00	2 - 2.4	Ø 31.750		TL 191.0		TEIKIN NO.
CD 60.30	1 - 4.8	TL 75.00		OD 96.9 FT 3.8 + 0.8 FD 101.0		LKFF 42179 LKSF 42179 LKFF 42179A LKSF 42179A
TL 103.30						
TEIKIN NO. 42179 42179A	**TEIKIN NO.** R 42179	**TEIKIN NO.** P 42149	**TEIKIN NO.** B 42179	**TEIKIN NO.** LFF 42179 LSF 42179 **Surface Treatment** None		
REFERENCE NO. V101-23-200	**REFERENCE NO.** V101-23-206		**REFERENCE NO.** 0636-11-213	**REFERENCE NO.** 0528-10-311 V101-23-051		

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.60 mm

89

ZB OLD — 4050 cc — 6 cyl.

1972-80

Ø 92.00	3 - 2.4	Ø 31.750		TL 191.0		TEIKIN NO.
CD 60.17	2 - 4.8	TL 75.00		OD 96.9 FT 3.8 + 0.8 FD 101.0		LKFF 42150-6 LKSF 42150-6
TL 115.65						
TEIKIN NO. 42150-6	**TEIKIN NO.** R 42150-6	**TEIKIN NO.** P 42149	**TEIKIN NO.** B 42179	**TEIKIN NO.** LFF 42179 LSF 42179 **Surface Treatment** None		
REFERENCE NO. 0528-23-200	**REFERENCE NO.** 0784-23-206 0785-23-206		**REFERENCE NO.** 0636-11-213	**REFERENCE NO.** 0528-10-311 V101-23-051		

Surface Treatment	Bore Clearance
None	MRC: 0.070 mm MP: 31.25 mm

90

WL-T — 2499 cc — 4 cyl.

Ø 93.00	1 - 2.5 1 - 2.0	Ø 32.000		TL 167.5		TEIKIN NO.
CD 47.80 -3.0	1 - 3.0	TL 70.00		OD 96.8 FT 2.5 + 0.5 FD 102.5		LKFF 42185 LKSF 42185 LKFF 42185A LKSF 42185A LKFF 42185AG LKSF 42185AG
TL 87.30						
TEIKIN NO. 42185 42185A 42185AG	**TEIKIN NO.** R 42185	**TEIKIN NO.** P 42185	**TEIKIN NO.** B 42185	**TEIKIN NO.** LFF 42185* LSF 42185 **Surface Treatment** *Phosphate (PH)		
REFERENCE NO. WLY8-11-SAOB WLY1-11-SAOA W5Y8-11-SAOD	**REFERENCE NO.** WLY1-11-SCO		**REFERENCE NO.** WL01-11-213	**REFERENCE NO.** WL01-10-311 WL01-23-051 WLY3-23-051		

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.00 mm

91

WL — 2500 cc — 4 cyl.

Ø 93.00	1 - 2.5 1 - 2.0	Ø 32.000		TL 167.5		TEIKIN NO.
CD 47.80 -3.0	1 - 3.0	TL 70.00		OD 96.8 FT 2.5 + 0.5 FD 102.5		LKFF 42186 LKSF 42186 LKFF 42186A LKSF 42186A
TL 87.30						
TEIKIN NO. 42186 42186A	**TEIKIN NO.** R 42185	**TEIKIN NO.** P 42185	**TEIKIN NO.** B 42185	**TEIKIN NO.** LFF 42185* LSF 42185 **Surface Treatment** *Phosphate (PH)		
REFERENCE NO. WLY3-11-SAOC WLY5-11-SAOB	**REFERENCE NO.** WLY1-11-SCO		**REFERENCE NO.** WL01-11-213	**REFERENCE NO.** WL01-10-311 WL01-23-051 WLY3-23-051		

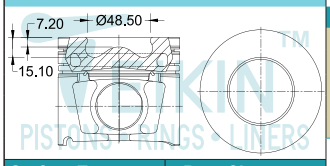
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.00 mm

92

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

MZ-DE 2499 cc
BT-50 2500 cc — 4 cyl.

Ø 93.00	1 - 2.0 1 - 1.5 1 - 2.0	Ø 34.000 TL 70.00		TL 167.5 OD 96.8 FT 2.5 + 0.5 FD 102.5		TEIKIN NO. LKFF 42212AG LKSF 42212AG
CD 51.80 -15.1 TL 81.30						



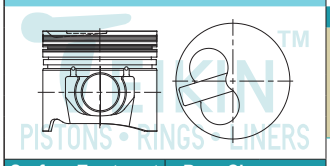
TEIKIN NO. 42212AG	TEIKIN NO. R 42212	TEIKIN NO. P 42212	TEIKIN NO. B 42213	TEIKIN NO. LFF 42185* LSF 42185
				Surface Treatment: *Phosphate (PH)
REFERENCE NO. WLYE-11-SAO WLYE-11-SBO WLYE-11-SBX	REFERENCE NO. WLY6-11-SC0 WLY6-11-SD0 WLY6-11-SDX		REFERENCE NO. WE01-11-213 WE01-11-213A	REFERENCE NO. WL01-10-311 WL01-23-051 WLY3-23-051

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.050 mm MP: 6.00 mm

93

JS K2700 2700 cc
FRONTIER
PREGIO 2.7 — 4 cyl.

Ø 94.50	2 - 2.0 1 - 3.0	Ø 30.000 TL 75.00		TL 166.0 OD 97.5 FT 3.8 + 0.5 FD 104.2		TEIKIN NO. LKFF 42657 LKSF 42657 LKFF 42657A LKSF 42657A
CD 50.00 -3.4 TL 81.70						



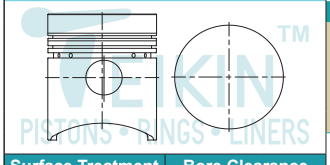
TEIKIN NO. 42657 42657A	TEIKIN NO. R 42657	TEIKIN NO. P 52650	TEIKIN NO. B 42657	TEIKIN NO. LFF 42657* LSF 42657
				Surface Treatment: *Phosphate (PH)
REFERENCE NO. K6Z1-11-SAO 23410-4Z900 23410-4Z901 23410-4Z902 23410-4Z903 / 4 / 5	REFERENCE NO. K6Z1-11-SCO K6Z1-46-SCO OK6Z1-11-SCO		REFERENCE NO. OSE01-11-213	REFERENCE NO. K65A-10-311 OK65-10-311 OK65B-10-311

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 10.00 mm

94

HA 2977 cc
E-3000
1981 — 4 cyl.

Ø 95.00	2 - 2.4 1 - 4.8	Ø 31.750 TL 75.00		TL 190.0 OD 98.5 FT 3.8 + 0.8 FD 103.4		TEIKIN NO. LKFF 42149 LKSF 42149 LKFF 42149A LKSF 42149A
CD 58.42 TL 115.50						



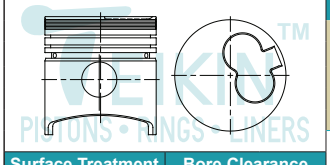
TEIKIN NO. 42149 42149A	TEIKIN NO. R 42149	TEIKIN NO. P 42149	TEIKIN NO. B 42149	TEIKIN NO. LFF 42149 LSF 42149
				Surface Treatment: None
REFERENCE NO. 0933-23-200 1363-23-200	REFERENCE NO. 1363-23-206 SE01-23-130 SE01-23-206		REFERENCE NO. 0636-11-213	REFERENCE NO. 1363-23-051 1363-23-051A SE01-23-051

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.110 mm MP: 28.30 mm

95

HA-II 2977 cc
4 cyl.

Ø 95.00	2 - 2.4 1 - 4.75	Ø 30.000 TL 79.00		TL 190.0 OD 98.5 FT 3.8 + 0.8 FD 103.4		TEIKIN NO. LKFF 42609 LKSF 42609
CD 53.70 -2.0 TL 100.70						



TEIKIN NO. 42609 (42189)	TEIKIN NO. R 42149	TEIKIN NO. P 42609	TEIKIN NO. B 42609	TEIKIN NO. LFF 42149 LSF 42149
				Surface Treatment: None
REFERENCE NO. SE01-23-200A	REFERENCE NO. 1363-23-206 SE01-23-130 SE01-23-206		REFERENCE NO. SE01-11-213	REFERENCE NO. 1363-23-051 1363-23-051A SE01-23-051

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 39.50 mm

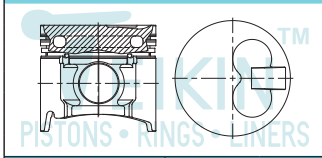
96

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

W9 — 2900 cc — 4 cyl.

B2900

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 95.00	1 - 2.5	Ø 32.000		TL 190.0		TEIKIN NO.
	1 - 2.0	TL 70.00		OD 98.5		LKFF 42215AG
CD 47.80				FT 3.8 + 0.8		LKSF 42215AG
-3.1	1 - 3.0			FD 103.4		
TL 87.30						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
42215AG	R 42215	P 42185	B 42185	LFF 42149 LSF 42149		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
W9Y1-11-SA0B W9Y1-11-SA0	W9Y1-11-SCO			1363-23-051 1363-23-051A SE01-23-051		



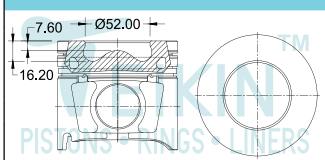
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.50 mm

97

MZR-CD — 3000 cc — 4 cyl.

BT-50 3000 cc

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 96.00	1 - 2.0	Ø 34.000		TL 170.5		TEIKIN NO.
	1 - 1.5	TL 70.00		OD 99.5		LKFF 42213AG
CD 51.70				FT 3.8		LKSF 42213AG
-16.2	1 - 2.0			FD 105.5		
TL 86.20						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
42213AG	R 42213	P 42212	B 42213	LFF 42213 LSF 42213		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
WEY1-11-SAO	WEY1-11-SCO		WE01-11-213 WE01-11-213A			



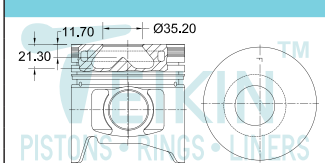
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.050 mm MP: 11.00 mm

98

SL — 3455 cc — 4 cyl.

T-3500T
KIA SH, K3600

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 100.00	1 - 2.5	Ø 34.000		TL 193.5		TEIKIN NO.
	1 - 2.0	TL 82.00		OD 103.5		LKFF 42107
CD 58.00				FT 2.5 + 0.8		LKSF 42107
-21.3	1 - 4.5			FD 108.0		LKFF 42107G
TL 105.00						LKSF 42107G
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
42107 42107G	R 42107	P 42107	B 42107	LFF 42107* LSF 42107		
				Surface Treatment: *Phosphate (PH)		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
SL07-23-200 SL07-23-200B SL01-23-200A	SL07-23-206 SL07-23-206A		SL01-11-213	SL01-23-311 SL01-23-312 SL07-23-051		

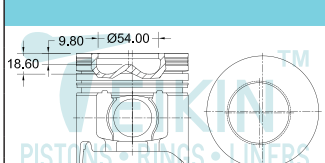


Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.050 mm MP: 20.40 mm

99

SL-III — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 100.00	1 - 2.5 HK	Ø 34.000				
	1 - 2.0	TL 82.00				
CD 57.80						
-18.6	1 - 4.5					
TL 104.60						
TEIKIN NO.		TEIKIN NO.				
42201 42201A (42666)		P 42107				
REFERENCE NO.						

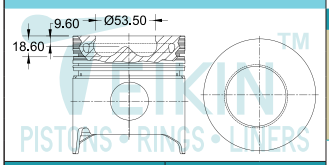


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 21.00 mm

100

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

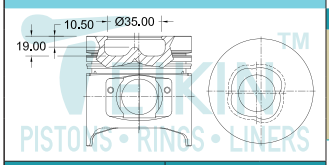
SL-T 3455 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 100.00 CD 58.20 -18.6 TL 105.20	1 - 2.5 1 - 2.0 1 - 4.5	Ø 34.000 TL 82.00		TL 193.5 OD 103.5 FT 2.5 + 0.8 FD 108.0		TEIKIN NO. LKFF 42613AG LKSF 42613AG
						
TEIKIN NO. 42613AG (42190)	TEIKIN NO. R 42613	TEIKIN NO. P 42107	TEIKIN NO. B 42107	TEIKIN NO. LFF 42107* LSF 42107 Surface Treatment *Phosphate (PH)		
REFERENCE NO. SL50-11-SAO	REFERENCE NO. SL50-11-SCO		REFERENCE NO. SL01-11-213	REFERENCE NO. SL01-23-311 SL01-23-312 SL07-23-051		

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 23.50 mm

101

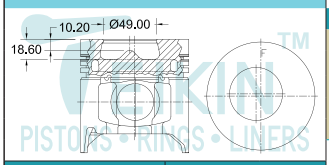
SL-IV 3455 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 100.00 CD 58.00 -19.0 TL 105.00	1 - 2.5 HK 1 - 2.0 1 - 4.5	Ø 34.000 TL 82.00		TL 193.5 OD 103.5 FT 2.5 + 0.8 FD 108.0 *DIMENSION IS FOR LSF		TEIKIN NO. LKFF 42677A LKSF 42677A
						
TEIKIN NO. 42677A	TEIKIN NO. R 42677	TEIKIN NO. P 42677	TEIKIN NO. B 42107	TEIKIN NO. LFF 42107 LSF 42107* Surface Treatment None		
REFERENCE NO. SL70-11-SA0	REFERENCE NO. SL01-23-206 SL01-23-206A		REFERENCE NO. SL01-11-213	REFERENCE NO. SL01-23-311 SL01-23-312 SL07-23-051		

Surface Treatment	Bore Clearance
None	MRC: 0.050 mm MP: 25.00 mm

102

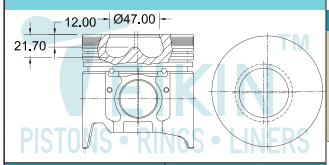
SLT T3500T 3455 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 100.00 CD 58.00 -18.6 TL 105.00	1 - 2.5 1 - 2.0 1 - 4.5	Ø 34.000 TL 82.00		TL 193.5 OD 103.5 FT 2.5 + 0.8 FD 108.0 *DIMENSION IS FOR LSF		TEIKIN NO. LKFF 42685AG LKSF 42685AG
						
TEIKIN NO. 42685AG	TEIKIN NO. R 42613	TEIKIN NO. P 42677	TEIKIN NO. B 42107	TEIKIN NO. LFF 42107 LSF 42107* Surface Treatment None		
REFERENCE NO. SLA1-11-SAO SLN5-11-SAO	REFERENCE NO. SL50-11-SCO		REFERENCE NO. SL01-11-213	REFERENCE NO. SL01-23-311 SL01-23-312 SL07-23-051		

Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.040 mm MP: 20.00 mm

103

TF 4021 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 105.50 CD 61.30 -21.7 TL 108.30	1 - 2.5 HK 1 - 2.0 1 - 4.5	Ø 35.000 TL 87.50		TL 200.0 OD 109.0 FT 6.0 + 1.0 FD 114.5		TEIKIN NO. LKFF 42183 LKSF 42183 LKFF 42183A LKSF 42183A
						
TEIKIN NO. 42183 42183A	TEIKIN NO. R 42184	TEIKIN NO. P 39149	TEIKIN NO. B 42184	TEIKIN NO. LFF 42183* LSF 42183 Surface Treatment *Phosphate (PH)		
REFERENCE NO. TF01-11-SA0	REFERENCE NO. TF01-11-SCO		REFERENCE NO. TF01-11-213	REFERENCE NO. TFY0-10-311 TFY0-10-311A TFY0-10-311B FY0-10-313		

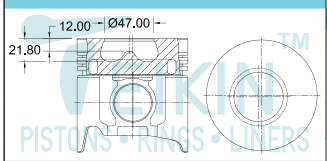
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 20.00 mm

104

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

TF-II 4021 cc — T4000 — 4 cyl.

Ø 105.50	1 - 2.5 HK 1 - 2.0 1 - 4.5	Ø 35.000 TL 87.50		TL 200.0 OD 109.0 FT 6.0 + 1.0 FD 114.5	TEIKIN NO. LKFF 42184AG LKSF 42184AG
CD 61.30 -21.8 TL 108.30					
TEIKIN NO. 42184AG	TEIKIN NO. R 42184	TEIKIN NO. P 39149	TEIKIN NO. B 42184	TEIKIN NO. LFF 42183* LSF 42183 Surface Treatment *Phosphate (PH)	
REFERENCE NO. TF20-11-SAO	REFERENCE NO. TF01-11-SCO		REFERENCE NO. TF01-11-213	REFERENCE NO. TFY0-10-311 TFY0-10-311A TFY0-10-311B FY0-10-313	

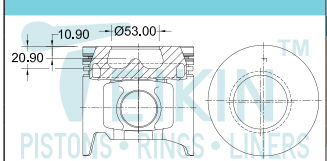


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 20.00 mm

105

TM 4553 cc — 4 cyl.

Ø 109.00	1 - 3.0 HK 1 - 2.0 1 - 3.0	Ø 35.000 TL 79.00		TL 202.0 OD 112.5 FT 6.0 + 1.0 FD 118.0	TEIKIN NO. LKFF 42663AG LKSF 42663AG
CD 61.30 -20.9 TL 107.30					
TEIKIN NO. 42663AG	TEIKIN NO. R 42663	TEIKIN NO. P 42663	TEIKIN NO. B 42184	TEIKIN NO. LFF 42663* LSF 42663 Surface Treatment *Phosphate (PH)	
REFERENCE NO. TMY0-11-200 TMYO-11-SAO	REFERENCE NO. TMYO-11-SCO		REFERENCE NO. TF01-11-213	REFERENCE NO. TMY0-10-313 TMY0-10-311	



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 19.50 mm

106

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

M115.923 — 1988 cc — 4 cyl.

200 1968-77

Ø	87.00
CD	52.40
TL	84.60

RINGS: 1 - 1.75 / 1 - 2.5 / 1 - 4.0

PIN: Ø 26.000, TL 71.00

TEIKIN NO. (PISTON SET)	TEIKIN NO. (PIN)
29120	P 44210

REFERENCE NO. (PISTON SET): KS : 91 430 610

Surface Treatment	Bore Clearance
Chromated	MRC: 0.030 mm MP: 9.50 mm

1

M102 E20/V20 — 1997 cc — 4 cyl.

Ø	89.00
CD	43.20
TL	79.70

RINGS: 1 - 1.75 / 1 - 2.0 / 1 - 3.5

PIN: Ø 22.000, TL 56.00

TEIKIN NO. (PISTON SET)	TEIKIN NO. (RINGS)	TEIKIN NO. (PIN)
29601	R 29601	P 34101

REFERENCE NO. (PISTON SET)	REFERENCE NO. (RINGS)
KS: 93 673 700 MAHLE: 002 17 20	KS: 800017741000 MAHLE: 002 15 N0 G-0817950000

Surface Treatment	Bore Clearance
Chromated	MRC: 0.030 mm MP: 15.00 mm

2

M272 — 3498 cc — 6 cyl.

C-Class (2001-2015), CLC-Class (2008-2011), CLK (2002-2010), CLS (2004-2011), E-Class (2002-2016), GL-Class (2006-2012), GLK-Class (2008-2015), M-Class (2005-2012), R-Class (2005-2017), S-Class (2005-2013), SL (2001-2012), Sprinter (2006-), Viano (2003-), Vito / Mixto (2003-)

Ø	92.90
CD	30.40
	-1.7
TL	50.80

RINGS: 1 - 1.5 / 1 - 1.75 / 1 - 2.5

PIN: Ø 22.000, TL 52.00

TEIKIN NO. (PISTON SET)	TEIKIN NO. (RINGS)	TEIKIN NO. (PIN)
29605	R 29605	P 55106

REFERENCE NO. (PISTON SET)	REFERENCE NO. (RINGS)
272 030 16 18 272 030 22 17 272 030 43 17 272 030 89 17 272 030 97 17	272 037 01 16 272 037 01 17 272 037 09 16 272 037 09 17

Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.050 mm MP: 4.00 mm

3

M115.952 / 955 — 2307 cc — 4 cyl.

230
M115.970 - 974
COMPRESSION 8:1

Ø	93.75
CD	51.80
	-4.4
TL	82.00

RINGS: 1 - 1.8 / 1 - 2.5 / 1 - 4.0

PIN: Ø 26.000, TL 73.00

TEIKIN NO. (PISTON SET)	TEIKIN NO. (PIN)
29116	P 29116

REFERENCE NO. (PISTON SET):

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.015 mm MP: 7.00 mm

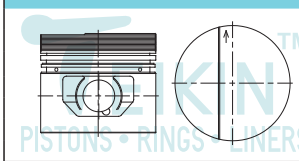
4

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

M115.951 / 954 — 2307 cc — 4 cyl.

230
M115.958 / -000
COMPRESSION 9:1



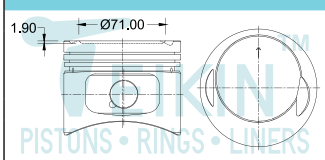
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.015 mm MP: 7.00 mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 93.75 CD 51.75 -1.0 TL 81.95	1 - 1.8 1 - 2.5 1 - 4.0	Ø 26.000 TL 73.00				
TEIKIN NO. 29117	TEIKIN NO. R 29117	TEIKIN NO. P 29116				
REFERENCE NO. KS : 92 931 600	REFERENCE NO. KS: 800018741000 MAHLE: 002 60 V0					

5

M102.945 — 2299 cc — 4 cyl.

2.3 SERIES 210, 310
1982-95



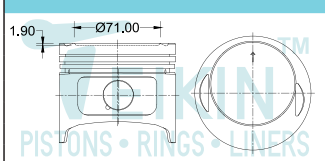
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.50 mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 95.50 CD 43.30 -1.9 TL 76.30	1 - 1.75 1 - 2.0 1 - 3.5	Ø 22.000 TL 56.00				
TEIKIN NO. 29119	TEIKIN NO. R 29119	TEIKIN NO. P 34101				
REFERENCE NO. KS : 93 968 610	REFERENCE NO. KS: 800018940000 MAHLE: 002 77N0					

6

M102.980 — 2299 cc — 4 cyl.

230 E 1980-85



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.50 mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 95.50 CD 43.30 -1.9 TL 83.20	1 - 1.75 1 - 2.0 1 - 3.5	Ø 24.000 TL 61.00				
TEIKIN NO. 29121	TEIKIN NO. R 29119	TEIKIN NO. P 46300				
REFERENCE NO. KS : 93 495 600	REFERENCE NO. KS: 800018940000 MAHLE: 002 77N0					

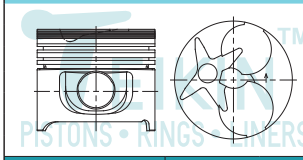
7

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

OM 601 — 1997 cc — 4 cyl.

OM 602
OM 603

Ø 87.00	1 - 2.5	Ø 26.000		TL 148.6	TEIKIN NO.
	1 - 2.0	TL 55.00		OD 90.0	LKSF 29603A
CD 44.85				FT 4.7	
-9.0	1 - 3.0			FD 92.6	
TL 74.85					



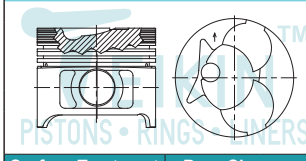
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
29603A	R 29603	P 29603		LSF 29603
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
KS : 94 330 600	KS: 800017311000			KS : 89 193 190
MAHLE: 002 93 00	MAHLE: 002 93 N0			MAHLE: 001 WV 09

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 10.00 mm

8

OM 661 — 2299 cc — 4 cyl.

Ø 89.00	1 - 2.5	Ø 26.000		TL 156.5	TEIKIN NO.
	1 - 2.0	TL 62.00		OD 91.5	LKSF 29602A
CD 44.60				FT 4.7	
-8.9	1 - 3.0			FD 94.0	
TL 74.60					



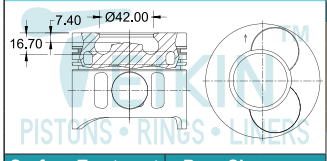
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
29602A	R 29602	P 29602		LSF 29602
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
KS : 91 372 600	KS: 800017810000			KS : 89 456 190
MAHLE: 002 24 00	MAHLE: 002 24 N0			MAHLE: 004 WV 14

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 12.00 mm

9

OM 602 TURBO — 2874 cc — 5 cyl.

Ø 89.00	1 - 2.5	Ø 28.000		TL 156.5	TEIKIN NO.
	1 - 2.0	TL 70.00		OD 91.5	LKSF 29604AG
CD 44.75				FT 4.7	
-16.7	1 - 3.0			FD 94.0	
TL 74.75					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
29604AG	R 29602	P G1114		LSF 29604
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
KS : 94 823 700	KS: 800017810000			KS : 89 456 190
MAHLE: 001 01 00	MAHLE: 002 24 N0			MAHLE: 004 WV 14

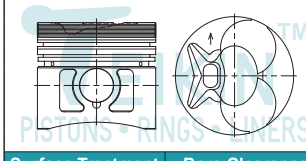
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.040 mm MP: 13.00 mm

10

240D — 2399 cc — 4 cyl.

OM 616.910/912-914
OM 616.918/932-933/936/940
OM 616.942/944/960/963
OM 617.912-913/919/931-932

Ø 90.90	1 - 3.0	Ø 26.000			
	1 - 2.0	TL 74.00			
CD 48.30					
-8.7	1 - 4.0				
TL 81.80					

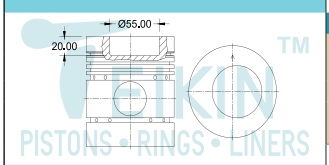
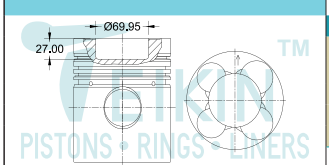


TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
29118 29118A	R 29118	P 44215		
REFERENCE NO.	REFERENCE NO.			
KS : 93 444 600 616 030 39 17 616 030 60 17 616 030 64 17 616 030 66 17	KS: 800018410000 MAHLE: 002 49N0 616 030 00 24 G-0817670010			

Surface Treatment	Bore Clearance
Chromated Moly Skirt	MRC: 0.030 mm MP: 10.00 mm

11

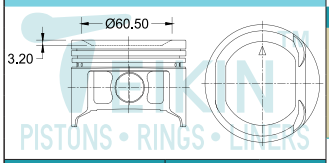
TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
911, OM - 352 **5675 cc** 6 cyl.	**Ø 97.00** CD 65.20 -20.0 TL 115.65	1 - 3.0 FK 2 - 3.0 2 - 5.5	Ø 36.000 TL 82.50					
	**TEIKIN NO.** **29110** **29110A**	**TEIKIN NO.** **R 29110**	**TEIKIN NO.** **P 29110**					
Surface Treatment Chromated Moly Skirt	**Bore Clearance** MRC: 0.100 mm MP: 23.00 mm	**REFERENCE NO.** KS : 90 274 800 MAHLE : 0044510 N-8717430000	**REFERENCE NO.** KS: 800010910000 MAHLE: 002 45 N0 MAHLE: 004 45 N0 G-0817430010					12
OM - 355 6 cyl.	**Ø 128.00** CD 90.20 -27.1 TL 161.30	1 - 3.5 FK 2 - 3.5 1 - 6.5	Ø 48.000 TL 108.00		TL 287.5 OD 133.5 FT 5.5 FD 137.5			**TEIKIN NO.** **LKSF 29106** **LKSF 29106A**
	**TEIKIN NO.** **29106** **29106A**	**TEIKIN NO.** **R 29106**	**TEIKIN NO.** **P 29106**		**TEIKIN NO.** **LSF 29106** **Surface Treatment** None			
Surface Treatment Chromated Moly Skirt	**Bore Clearance** MRC: 0.110 mm MP: 37.00 mm	**REFERENCE NO.** KS : 93 568 600 G-8717690000	**REFERENCE NO.** KS :800019611000 MAHLE :00354V0 G-0817690010		**REFERENCE NO.** KS :88869190 MAHLE :003WV09 G-1402589000			13

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

4A31 — 4 cyl.

Ø 66.00	1 - 1.0 1 - 1.2 1 - 2.5	Ø 16.000 TL 46.00				
CD 26.60 -3.2 TL 48.60						
TEIKIN NO. **43680**	**TEIKIN NO.** **R 43680**	**TEIKIN NO.** **P 43680**				
REFERENCE NO. MD333030 MD333031 MD333032 MD333033	**REFERENCE NO.**					

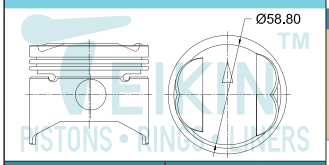


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 10.00 mm

1

4G11 — 1244 cc — 4 cyl.

Ø 69.50	2 - 1.5 1 - 4.0	Ø 18.000 TL 60.00				
CD 29.00 +0.8 TL 58.80						
TEIKIN NO. **43616** **(43254)**	**TEIKIN NO.** **R 43616**	**TEIKIN NO.** **P 32601**				
REFERENCE NO. MD030312	**REFERENCE NO.** MD030350 MD031670					

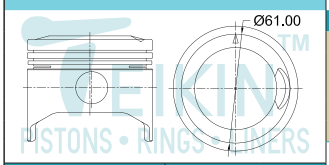


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.010 mm MP: 10.00 mm

2

2G23 — 546 cc — L100, L103 — 2 cyl.

Ø 70.00	2 - 1.5 1 - 2.5	Ø 18.000 TL 61.00				
CD 27.00 +2.1 TL 59.00						
TEIKIN NO. **43176**	**TEIKIN NO.** **R 43176**	**TEIKIN NO.** **P 43187**				
REFERENCE NO. MD019851	**REFERENCE NO.** MD011965 MD019610					

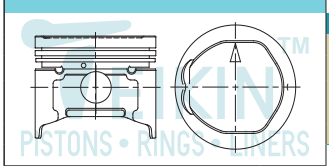


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.00 mm

3

4G13-II — 1298 cc — 4 cyl.

Ø 71.00	2 - 1.5 1 - 4.0	Ø 18.000 TL 59.00		TL 132.0 OD 75.0		TEIKIN NO. LKSX 43257
CD 29.30 -1.1 TL 58.30						
TEIKIN NO. **43257** **(43603)**	**TEIKIN NO.** **R 43257**	**TEIKIN NO.** **P 46141**		**TEIKIN NO.** **LSX 43257** **Surface Treatment** None		
REFERENCE NO. MD099759	**REFERENCE NO.** MD074687 MD078543 MD115490			**REFERENCE NO.**		



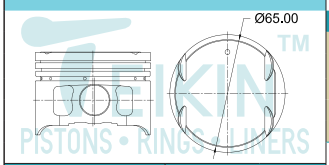
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.00 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

4G13-IV 1298 cc 4 cyl.

Ø 71.00	1 - 1.2	Ø 18.000					
	1 - 1.5	TL 56.00					
CD 28.70							
+0.3	1 - 2.8						
TL 50.00							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.					
43282	R 43282	P 30104					

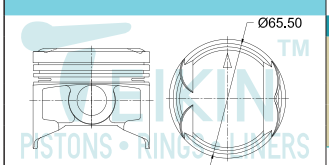
REFERENCE NO.	REFERENCE NO.
MD351586	MD335419 MD335420 MD335421 MD335422

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 9.00 mm

5

4G13 1298 cc 4 cyl.

Ø 71.00	1 - 1.2	Ø 18.000		TL	132.0	TEIKIN NO.
	1 - 1.5	TL 56.00		OD	75.0	LKSX 43600
CD 29.10						
+1.7	1 - 3.0					
TL 59.70						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
43600 (43246)	R 43600	P 30104		LSX 43257
				Surface Treatment: None

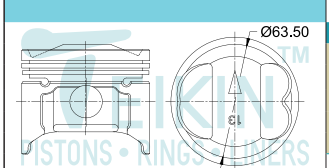
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
MD172036	MD158908			

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.00 mm

6

4G13-III 1298 cc 4 cyl.

Ø 71.00	2 - 1.5	Ø 18.000		TL	132.0	TEIKIN NO.
		TL 59.00		OD	75.0	LKSX 43652
CD 28.80						
+2.7	1 - 4.0					
TL 60.50						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
43652	R 43257	P 46141		LSX 43257
				Surface Treatment: None

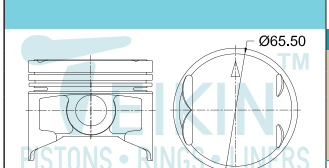
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
MD074677 MD074680 MD074676 23410-21000	MD074687 MD078543 MD115490			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.50 mm

7

4G17 1300 cc 4 cyl.
T-120SS

Ø 72.20	1 - 1.2	Ø 18.000		TL	130.0	TEIKIN NO.
	1 - 1.5	TL 56.00		OD	76.2	LKSX 43216
CD 29.00						
+0.5	1 - 3.0					
TL 58.40						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
43216	R 43216	P 30104		LSX 43216
				Surface Treatment: None

REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
MD173577A	MD165325			

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.00 mm

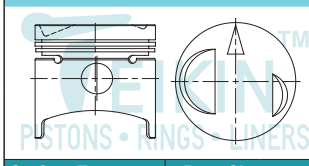
8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

4G33 — 1439 cc — 4 cyl.

HYUNDAI PONY 1

Ø 73.00	2 - 1.5	Ø 19.000		TL		150.0	TEIKIN NO.
		TL 64.00		OD		77.0	LKSX 43137
CD 33.25							
-7.0	1 - 4.0						
TL 70.20							



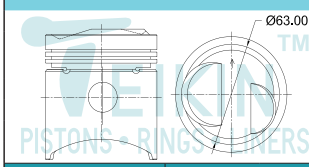
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
43137	R 43137	P 43132		LSX 43137
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
MD009581	MD009625			MD002290
MD009580	MD034010			
23410-11424	MD115500			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 22.00 mm

9

4G36 — 1238 cc — 4 cyl.

Ø 73.00	2 - 1.5	Ø 19.000		TL		150.0	TEIKIN NO.
		TL 64.00		OD		77.0	LKSX 43606
CD 39.50							
+3.5	1 - 4.0						
TL 82.50							



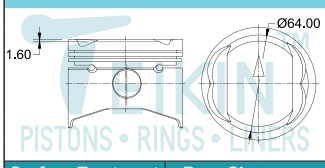
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
43606 (43245)	R 43137	P 43132		LSX 43137
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
MD009560	MD009625			MD002290
MD009561	MD034010			
	MD115500			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 37.00 mm

10

4G12 — 1410 cc — 4 cyl.

Ø 74.00	2 - 1.5	Ø 18.000		TL		150.0	TEIKIN NO.
		TL 60.00		OD		77.0	LKSX 43607
CD 28.90							
-1.6	1 - 4.0						
TL 58.10							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
43607 (43236)	R 43607	P 32601		LSX 43137
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
MD030322	MD012025			MD002290
MD030327	MD012035			
MD012008	MD030355			
	MD031700			

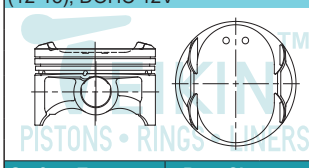
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.50 mm

11

3A92 — 1193 cc — 3 cyl.

ATTRAGE
MIRAGE
SPACE STAR
A03A, A13A
(12-18), DOHC 12V

Ø 75.00	1 - 1.0 1 - 1.2	Ø 18.000 TL 50.00				
CD 26.00						
+3.9	1 - 2.0					
TL 49.90						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
43296	R 43296	P 45136		
REFERENCE NO.	REFERENCE NO.			
1110C337	1110C488			
1110D211				
1110D212				

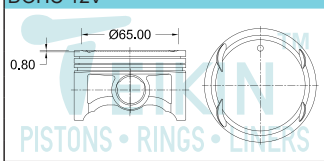
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 8.50 mm

12

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET

3A91 — 1124 cc — 3 cyl.

COLT ~ LANCER
LANCER SPORTBACK
CX2A ~ CY2A ~ Z36A
(07-)
DOHC 12V



Ø	75.00
CD	26.10
	-0.8
TL	46.10

RINGS	PIN
1 - 1.2	Ø 18.010
1 - 0.8	TL 50.00
1 - 2.0	

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43696-3	R 43696-3	P 43696

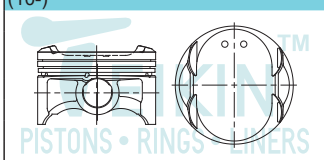
REFERENCE NO.	REFERENCE NO.
MN195611	MN195612
	MN195656

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 10.00 mm

13

4A92 — 1598 cc — 4 cyl.

ASX, LANCER
CX1A, ASX CX1A CY1A
GA1W
DOHC 16V
(10-)



Ø	75.00
CD	26.00
	+3.9
TL	49.90

RINGS	PIN
1 - 1.0	Ø 18.000
1 - 1.2	TL 50.00
1 - 2.0	

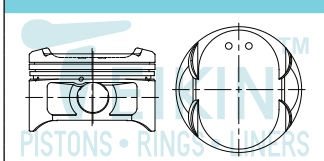
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43296-4	R 43296-4	P 45136

REFERENCE NO.	REFERENCE NO.
1110C275	1110C488

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 8.50 mm
1st Ring Anodized	

14

4A91 MIVEC — 4 cyl.



Ø	75.00
CD	25.90
	+3.6
TL	49.60

RINGS	PIN
1 - 1.0	Ø 18.000
1 - 1.2	TL 50.00
1 - 2.0	

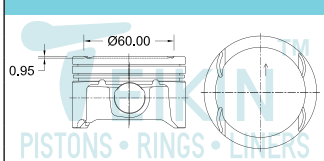
TEIKIN NO.	TEIKIN NO.
43303	P 45136

REFERENCE NO.
1110D300

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 8.00 mm
1st Ring Anodized	

15

4B40 — ECLIPSE CROSS — 4 cyl. — (2018-2019)



Ø	75.00
CD	27.50
	-1.0
TL	47.50

RINGS	PIN
1 - 1.2	Ø 20.000
1 - 1.0	TL 48.00
1 - 2.0	

TEIKIN NO.	TEIKIN NO.
43306G	P 67110

REFERENCE NO.
1110D252

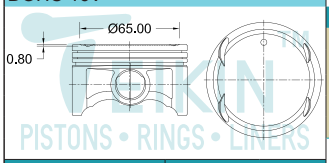
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.00 mm
1st Ring Anodized	

16

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

4A91 — 1499 cc — 4 cyl.

COLT ~ LANCER
LANCER SPORTBACK
CX2A ~ CY2A ~ Z36A
(07-)
DOHC 16V



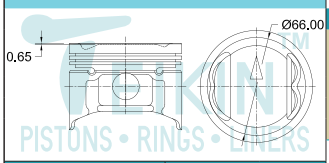
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 10.00 mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 75.00	1 - 1.2 1 - 0.8	Ø 18.010 TL 50.00				
CD 26.10 -0.8 TL 46.10	1 - 2.0					
TEIKIN NO. **43696**	**TEIKIN NO.** **R 43696**	**TEIKIN NO.** **P 43696**				
REFERENCE NO. MN195611	**REFERENCE NO.** MN195612 MN195656					

17

G15B — 1468 cc — 4 cyl.

MIRAGE 1985-88
PRECIS 1987-89
HYUNDAI G4AJ, X1, G4DJ
1986-89



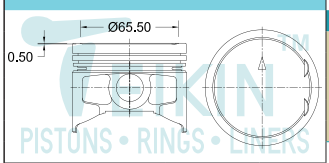
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.00 mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 75.50	2 - 1.5	Ø 18.000 TL 61.00		TL 140.0 OD 79.5		**TEIKIN NO.** **LKSX 43187**
CD 29.10 -0.7 TL 58.30	1 - 4.0					
TEIKIN NO. **43187**	**TEIKIN NO.** **R 43187**	**TEIKIN NO.** **P 43187**		**TEIKIN NO.** **LSX 43187** **Surface Treatment** None		
REFERENCE NO. MD074715 23410-21114	**REFERENCE NO.** MD074725 MD078548 MD104656			**REFERENCE NO.**		

18

4G15 — 1468 cc — 4 cyl.

MIRAGE 1991-92
F.I., SOHC, 12 V
HYUNDAI X3



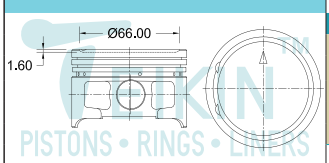
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 14.00mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 75.50	1 - 1.2 1 - 1.5	Ø 18.000 TL 56.00		TL 140.0 OD 79.5		**TEIKIN NO.** **LKSX 43217**
CD 29.00 -0.5 TL 58.00	1 - 3.0					
TEIKIN NO. **43217**	**TEIKIN NO.** **R 43217**	**TEIKIN NO.** **P 30104**		**TEIKIN NO.** **LSX 43187** **Surface Treatment** None		
REFERENCE NO. MD320435 MD066396 MD144901 MD143914	**REFERENCE NO.** MD158549 MD180804			**REFERENCE NO.**		

19

4G15-II — 1468 cc — 4 cyl.

MIRAGE 1997-99
SOHC 12 V



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 9.30mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 75.50	1 - 1.2 1 - 1.5	Ø 18.000 TL 56.00		TL 140.0 OD 79.5		**TEIKIN NO.** **LKSX 43248**
CD 28.70 -1.6 TL 49.70	1 - 2.8					
TEIKIN NO. **43248**	**TEIKIN NO.** **R 43248**	**TEIKIN NO.** **P 30104**		**TEIKIN NO.** **LSX 43187** **Surface Treatment** None		
REFERENCE NO. MD332841	**REFERENCE NO.** MD331313 MD333896			**REFERENCE NO.**		

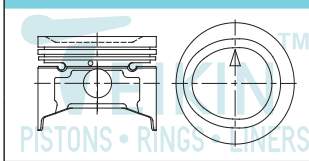
20

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

G15B-II — 1468 cc — 4 cyl.

Ø 75.50	2 - 1.5	Ø 18.000		TL 140.0		TEIKIN NO.
		TL 61.00		OD 79.5		LKSX 43272
CD 29.10						
-3.6	1 - 4.0					
TL 58.30						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.	
43272 (43653)	R 43187	P 43187		LSX 43187	
				Surface Treatment: None	
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.	
MD099770 MD099769	MD074725 MD078548 MD104656				

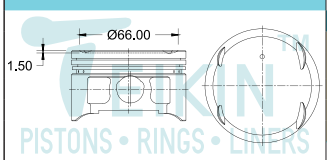
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.00mm

21

4G18 — 1584 cc — 4 cyl.

PAJERO / MONTERO IO (1998-2005) LANCER (2000-2013)

Ø 76.00	2 - 1.2	Ø 18.000				
		TL 56.00				
CD 26.00						
-1.5	1 - 2.5					
TL 47.00						



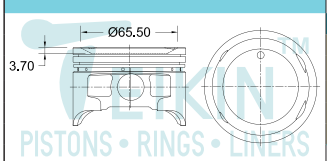
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
43281	R 43281	P 30104			
REFERENCE NO.	REFERENCE NO.				
MD366902 MD349812 MD366901 MD367775/76/77 MD361979/80/81	MD361982 MD361983				

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 9.50 mm

22

4G18-II — 4 cyl.

Ø 76.00	1 - 1.0	Ø 18.000				
	1 - 1.5	TL 58.00				
CD 26.50						
-3.7	1 - 2.8					
TL 52.50						



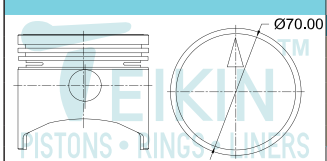
TEIKIN NO.		TEIKIN NO.			
43302		P 44687			
REFERENCE NO.					
MD345934					

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.00 mm

23

4G41R NEW — 1378 cc — 4 cyl.

Ø 76.50	2 - 2.0	Ø 19.000		TL 127.0		TEIKIN NO.
		TL 64.00		OD 80.5		LKSX 43144
CD 30.75						
+0.2	1 - 4.0					
TL 69.15						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.	
43144	R 43132N	P 43132		LSX 43143	
				Surface Treatment: None	
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.	
MD011940 MD011941	MD010710 MD010715 MD011893				

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 23.60 mm

24

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

4G32 — 1597 cc — 4 cyl.

L200
HYUNDAI 1600 CC

Ø 76.90	2 - 2.0	Ø 19.000		TL		150.0	TEIKIN NO.
CD 33.55		TL 64.00		OD		80.9	LKSX 43132
-2.8	1 - 4.0						
TL 70.50							

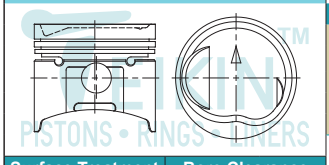
TEIKIN NO. 43132	TEIKIN NO. R 43132	TEIKIN NO. P 43132		TEIKIN NO. LSX 43221
				Surface Treatment: None
REFERENCE NO. MD008851, 23410-11621, MD004761	REFERENCE NO. MD000725, MD004709/39/70, MD005885, MD007251			REFERENCE NO. MD004233

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 19.50 mm

25

4G32-M — 1597 cc — 4 cyl.

Ø 76.90	2 - 1.5	Ø 19.000		TL		150.0	TEIKIN NO.
CD 34.00		TL 64.00		OD		80.9	LKSX 43221
-2.3	1 - 4.0						
TL 67.95							



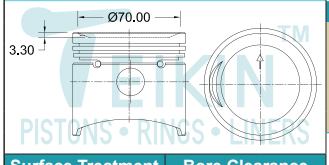
TEIKIN NO. 43221	TEIKIN NO. R 43221	TEIKIN NO. P 43132		TEIKIN NO. LSX 43221
				Surface Treatment: None
REFERENCE NO. MD105495	REFERENCE NO. MD012765, MD062387, MD093337, MD099430			REFERENCE NO. MD004233

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 16.00 mm

26

4G32-III — 1597 cc — 4 cyl.

Ø 76.90	2 - 2.0	Ø 19.000		TL		150.0	TEIKIN NO.
CD 33.75		TL 64.00		OD		80.9	LKSX 43224
-3.3	1 - 4.0						
TL 70.70							



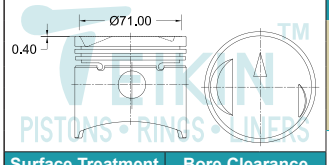
TEIKIN NO. 43224	TEIKIN NO. R 43132	TEIKIN NO. P 43132		TEIKIN NO. LSX 43221
				Surface Treatment: None
REFERENCE NO. MD004670	REFERENCE NO. MD000725, MD004709/39/70, MD005885, MD007251			REFERENCE NO. MD004233

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 19.50 mm

27

G32S — 1597 cc — 4 cyl.

Ø 76.90	2 - 2.0	Ø 19.000		TL		150.0	TEIKIN NO.
CD 33.50		TL 64.00		OD		80.9	LKSX 43656
-0.4	1 - 4.0						
TL 70.50							



TEIKIN NO. 43656	TEIKIN NO. R 43132	TEIKIN NO. P 43132		TEIKIN NO. LSX 43221
				Surface Treatment: None
REFERENCE NO. MD008861, MD004680, MD004767, MD008860	REFERENCE NO. MD000725, MD004709/39/70, MD005885, MD007251			REFERENCE NO. MD004233

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 28.00 mm

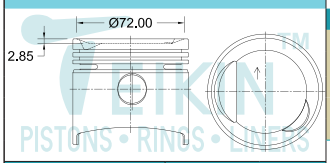
28

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

4G32 NEW — 1597 cc — 4 cyl.

L200
HYUNDAI 1600 CC

Ø 76.90	2 - 2.0	Ø 19.000		TL 150.0	TEIKIN NO.
CD 33.50		TL 64.00		OD 80.9	LKSX 43132N
-2.9	1 - 4.0				
TL 70.50					
TEIKIN NO. 43132N	TEIKIN NO. R 43132	TEIKIN NO. P 43132		TEIKIN NO. LSX 43221	
				Surface Treatment: None	
REFERENCE NO. MD008851, 23410-11621, MD004761	REFERENCE NO. MD000725, MD004709/39/70, MD005885, MD007251			REFERENCE NO. MD004233	



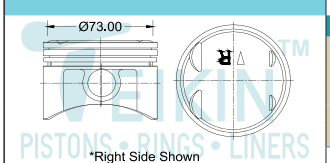
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 20.00 mm

29

6A12 — 1999 cc — 6 cyl.

ST-41

Ø 78.40	2 - 1.2	Ø 19.000			
CD 28.70		TL 58.00			
+1.0	1 - 2.8				
TL 55.20					
TEIKIN NO. 43677	TEIKIN NO. R 43677	TEIKIN NO. P 32125			
REFERENCE NO. MD352494 (R/L), MD356498 (R/L)	REFERENCE NO. MD189104, MD302644				



*Right Side Shown

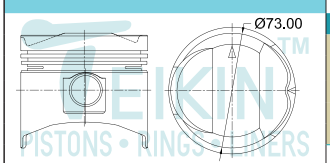
Surface Treatment	Bore Clearance
Tin Coated Anodized Crown	MRC: 0.030 mm MP: 12.00 mm

30

4G62 — 1795 cc — 4 cyl.

1800 PICK-UP
L300 1800 VAN, 1983-ON
TREDIA 1.8 SL & SLX
HYUNDAI Y2

Ø 80.60	2 - 2.0	Ø 21.000		TL 150.0	TEIKIN NO.
CD 34.95		TL 72.50		OD 84.5	LKSX 43154
+1.3	1 - 4.0				
TL 73.10					
TEIKIN NO. 43154	TEIKIN NO. R 43154	TEIKIN NO. P 43155		TEIKIN NO. LSX 43154	
				Surface Treatment: None	
REFERENCE NO. MD040571	REFERENCE NO. MD040610, MD106736			REFERENCE NO. MD061685	



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 19.30 mm

31

G37B — 1755 cc — 4 cyl.

4G37

Ø 80.60	2 - 1.5	Ø 19.000			
CD 33.50		TL 64.00			
+7.0	1 - 4.0				
TL 75.45					
TEIKIN NO. 43195	TEIKIN NO. R 43195	TEIKIN NO. P 43132			
REFERENCE NO. MD074210	REFERENCE NO. MD040465, MD077113, MD106028, MD154012				

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 14.00 mm

32

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

4G37 — 1755 cc — 4 cyl.

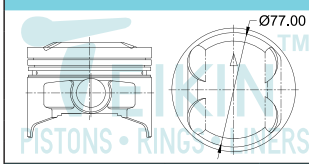
1990-94 ECLIPSE
F.I., SOHC4

PISTON SET	RINGS	PIN
Ø 80.60	2 - 1.5	Ø 19.000
		TL 64.00
CD 34.00		
+3.8	1 - 4.0	
TL 71.80		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
43219	**R 43195**	**P 43132**
REFERENCE NO.	**REFERENCE NO.**	
MD100416	MD040465	
	MD077113	
	MD106028	
	MD154012	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 16.50 mm

33

4G92S-H — 1597 cc — 4 cyl.



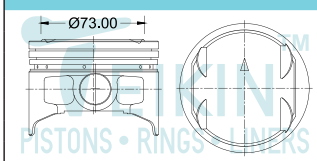
PISTON SET	RINGS	PIN
Ø 81.00	2 - 1.2	Ø 19.000
		TL 58.00
CD 30.00		
+3.1	1 - 2.8	
TL 62.10		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
43657	**R 43657**	**P 32125**
REFERENCE NO.	**REFERENCE NO.**	
MD329140-6	MD173206	
	MD137211	
	MD177188	
	MD180348	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.50 mm

34

4G93 — 1834 cc — 4 cyl.

CARISMA
SPACE STAR
(97-)
DOHC 16V

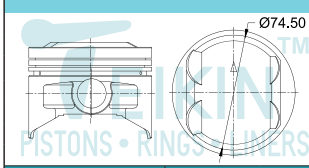


PISTON SET	RINGS	PIN
Ø 81.00	2 - 1.2	Ø 19.000
		TL 58.00
CD 30.10		
+1.0	1 - 2.8	
TL 60.10		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
43658	**R 43657**	**P 32125**
REFERENCE NO.	**REFERENCE NO.**	
MD329139	MD173206	
	MD137211	
	MD177188	
	MD180348	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.50 mm

35

4G92S — 1597 cc — 4 cyl.



PISTON SET	RINGS	PIN
Ø 81.00	2 - 1.2	Ø 19.000
		TL 58.00
CD 30.10		
+2.2	1 - 2.8	
TL 61.30		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
43671	**R 43657**	**P 32125**
REFERENCE NO.	**REFERENCE NO.**	
MD191343	MD173206	
MD191342	MD137211	
MD191344	MD177188	
	MD180348	

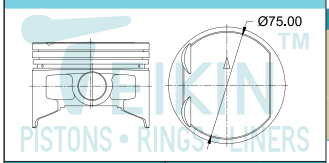
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.00 mm

36

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

4G93-II — 1834 cc — 4 cyl.

Ø 81.00	2 - 1.2	Ø 19.000
CD 30.80		TL 58.00
+0.2	1 - 2.8	
TL 60.00		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43679	R 43657	P 32125

REFERENCE NO.	REFERENCE NO.
MD190610	MD173206
MD318097	MD137211
	MD177188
	MD180348

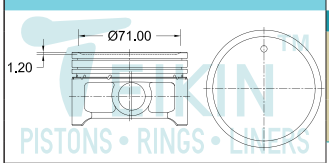
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.50 mm

37

4G94 — 1999 cc — 4 cyl.

2.0L
SOHC 16V
LANCER 02-05

Ø 81.50	2 - 1.2	Ø 19.000
CD 30.40		TL 58.00
-1.2	1 - 2.5	
TL 50.40		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43288	R 43288	P 32125

REFERENCE NO.	REFERENCE NO.
MD375975	1110B098
MN187171	1110B099
MN187172	1110B100
MD375974	

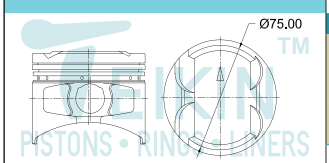
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 7.00 mm

38

4G61 — 1595 cc — 4 cyl.

MIRAGE 1991-92
DOHC 16 V
HYUNDAI G4CR, J1

Ø 82.30	1 - 1.2 1 - 1.5	Ø 21.000 TL 66.00
CD 32.10		
+1.7	1 - 3.0	
TL 66.10		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43250	R 43250	P 44121

REFERENCE NO.	REFERENCE NO.
MD129932	MD133485
23410-33000	MD133495
23410-33010	
23410-33020	

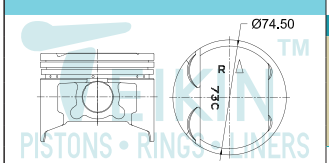
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 17.00 mm

39

6G73 — 2497 cc — 6 cyl.

CHRYSLER STRATUS
SEBRING, CIRRUS, AVENGER
1995-98

Ø 83.50	1 - 1.2 1 - 1.5	Ø 22.000 TL 64.00
CD 31.60		
+0.2	1 - 3.0	
TL 64.10		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43263	R 43263	P 43220

REFERENCE NO.	REFERENCE NO.
MD309393 (R)	MD310257
MD309399 (L)	MD310258

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.50 mm

40

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

4G52 — 1995 cc — 4 cyl.

1973

Ø 84.00	2 - 2.0	Ø 22.000
		TL 75.00
CD 40.15		
-2.2	1 - 4.0	
TL 79.75		

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43148	R 43148	P 46189

REFERENCE NO.	REFERENCE NO.
MD021058	MD021010
MD021000	MD021035
MD021063	MD021070
MD021192	MD027010

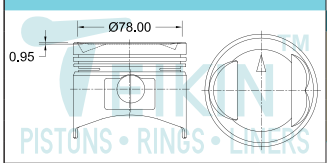
Surface Treatment	Bore Clearance
None	MRC: 0.070 mm MP: 22.00 mm

41

4G63 OLD — 2555 cc — 4 cyl.

T/C GALANT SIGMA

Ø 85.00	2 - 2.0	Ø 21.000
		TL 72.50
CD 35.10		
-1.0	1 - 4.0	
TL 72.00		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43155	R 43207	P 43155

REFERENCE NO.	REFERENCE NO.
MD041564	MD040640
MD040591	MD040840
	MD041580
	MD108068

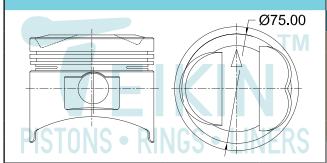
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 19.00 mm

42

G63B — 1997 cc — 4 cyl.

4G63 NEW

Ø 85.00	2 - 2.0	Ø 21.000	TL 150.0	TEIKIN NO.
		TL 72.50	OD 89.0	LKSX 43207
CD 34.95				
+1.8	1 - 4.0			
TL 73.65				



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43207	R 43207	P 43155	LSX 43207

Surface Treatment
None

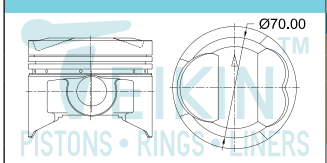
REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
MD040821	MD040640	MD040409
	MD040840	
	MD041580	
	MD108068	

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 19.95 mm

43

4G63-P — 1997 cc — 4 cyl.

Ø 85.00	1 - 1.2 1 - 1.5	Ø 22.000 TL 62.00	TL 150.0 OD 89.0	TEIKIN NO. LKSX 43222
CD 35.45				
+1.6	1 - 3.0			
TL 69.00				



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43222	R 43222	P 43222	LSX 43207

Surface Treatment
None

REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
MD190256	MD133485	MD040409
	MD140923	
	MD195850	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 14.50 mm

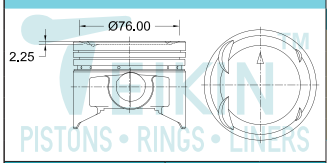
44

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

4G63DK — 1997 cc — 4 cyl.

1993-94
F.I., DOHC
ECLIPSE 16V

Ø 85.00							
CD 35.00	1 - 1.2	Ø 22.000		TL		150.0	TEIKIN NO.
-2.3	1 - 1.5	TL 62.00		OD		89.0	LKSX 43226
TL 66.95	1 - 3.0						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**			
43226	R 43222	P 43222		LSX 43207			
				Surface Treatment: None			
REFERENCE NO.	**REFERENCE NO.**			**REFERENCE NO.**			
MD190262	MD133485 MD140923 MD195850			MD040409			



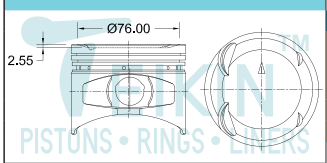
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 14.50 mm

45

4G63D — 1997 cc — 4 cyl.

ECLIPSE 1989-92
F.I., DOHC, 16 V
HYUNDAI Y2, G4CF
SONATA 1992-98

Ø 85.00							
CD 34.90	1 - 1.2	Ø 21.000		TL		150.0	TEIKIN NO.
-2.6	1 - 1.5	TL 66.00		OD		89.0	LKSX 43231
TL 66.90	1 - 3.0						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**			
43231	R 43222	P 44121		LSX 43207			
				Surface Treatment: None			
REFERENCE NO.	**REFERENCE NO.**			**REFERENCE NO.**			
MD129922 23410-33100 23410-33110 23410-33120	MD133485 MD140923 MD195850			MD040409			



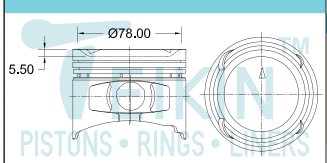
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 17.00 mm

46

4G63D-T — 1997 cc — 4 cyl.

ECLIPSE TURBO
GALANT TURBO
F.I., DOHC 16V
1990-92

Ø 85.00							
CD 35.00	1 - 1.2	Ø 21.000		TL		150.0	TEIKIN NO.
-5.5	1 - 1.5	TL 66.00		OD		89.0	LKSX 43234
TL 67.00	1 - 3.0						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**			
43234	R 43222	P 44121		LSX 43207			
				Surface Treatment: None			
REFERENCE NO.	**REFERENCE NO.**			**REFERENCE NO.**			
MD129232	MD133485 MD140923 MD195850			MD040409			

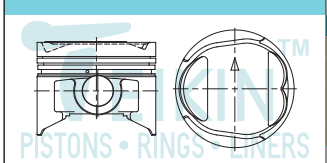


Surface Treatment	Bore Clearance
Tin Coated Anodized Crown	MRC: 0.020 mm MP: 16.00 mm

47

4G63K — 1997 cc — 4 cyl.

Ø 85.00							
CD 35.00	1 - 1.2	Ø 22.000		TL		150.0	TEIKIN NO.
+0.5	1 - 1.5	TL 62.00		OD		89.0	LKSX 43261
TL 67.50	1 - 3.0						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**			
43261 (43620)	R 43222	P 43222		LSX 43207			
				Surface Treatment: None			
REFERENCE NO.	**REFERENCE NO.**			**REFERENCE NO.**			
MD188289 MD188292	MD133485 MD140923 MD195850			MD040409			



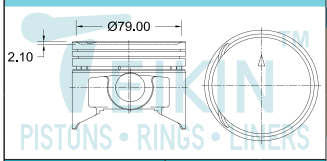
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.50 mm

48

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
						LINER		

4G63N — 1997 cc — 4 cyl.

Ø 85.00	1 - 1.2 1 - 1.5 1 - 2.8	Ø 22.000 TL 62.00		TL OD		150.0 89.0	TEIKIN NO. LKSX 43279
CD 35.00 -2.1 TL 67.00							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
43279	R 43279	P 43222		LSX 43207
				Surface Treatment: None
REFERENCE NO. MD188097 MD188100	REFERENCE NO. MD108608 MD195085 MD195810 MD313405			REFERENCE NO. MD040409

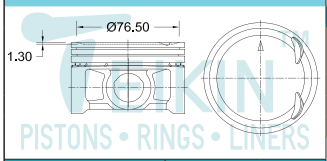
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 14.50 mm

49

4G63 — 1997 cc — 4 cyl.

LANCER EVO
OUTLANDER
(03-09)
DOHC 16V

Ø 85.00	2 - 1.2 1 - 2.0	Ø 22.000 TL 62.00		TL OD		150.0 89.0	TEIKIN NO. LKSX 43308
CD 34.60 -1.3 TL 54.60							



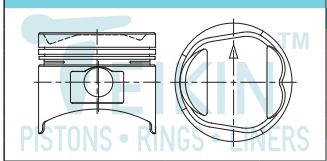
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
43308	R 43308	P 43222		LSX SMI51
				Surface Treatment: None
REFERENCE NO. MN183224 MD376648 MD376649 MD376650 MN183225	REFERENCE NO. MD370449 MD376260 MN143270 MN149594			REFERENCE NO. MD040409

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.015 mm MP: 8.85 mm

50

G63B-II — 1997 cc — 4 cyl.

Ø 85.00	2 - 1.5 1 - 4.0	Ø 21.000 TL 72.50		TL OD		150.0 89.0	TEIKIN NO. LKSX 43621
CD 35.40 -1.8 TL 72.40							



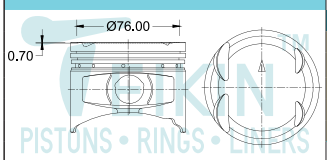
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
43621 (43262)	R 43621	P 43155		LSX 43207
				Surface Treatment: None
REFERENCE NO. MD100372	REFERENCE NO. MD088941 MD100467 MD105516			REFERENCE NO. MD040409

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 19.00 mm

51

G63DH — 1997 cc — 4 cyl.

Ø 85.00	1 - 1.2 1 - 1.5 1 - 3.0	Ø 21.000 TL 66.00		TL OD		150.0 89.0	TEIKIN NO. LKSX 43676
CD 35.00 -0.7 TL 67.00							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
43676	R 43222	P 44121		LSX 43207
				Surface Treatment: None
REFERENCE NO. MD129942	REFERENCE NO. MD133485 MD140923 MD195850			REFERENCE NO. MD040409

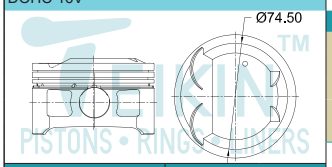
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.50 mm

52

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

4B10 — 1798 cc — 4 cyl.

Galant Fortis Sportback (2008-2015)
Galant Fortis / Lancer Evolution (2007-2016)
Lancer Sportback (2008-2017)
ASX (2010)
DOHC 16V



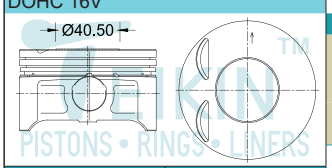
PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 86.00	2 - 1.2	Ø 21.000				
		TL 57.50				
CD 27.50						
+3.2	1 - 2.0					
TL 52.70						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
43309		**P 45152**				
REFERENCE NO.						
1110D646						
1110D647						
1110D648						
1110B791						
1110B792/93						

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 9.00 mm

53

4B11 — 1998 cc — 4 cyl.

ASX - DELICA
GALLANT - LANCER
OUTLANDER
CV4W - CW4W
DOHC 16V



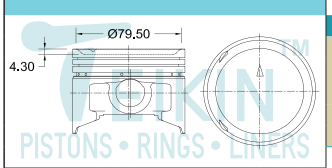
PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 86.00	2 - 1.2	Ø 21.000				
		TL 57.50				
CD 27.50						
+0.3	1 - 2.0					
TL 50.80						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
43692	**R 43692**	**P 45152**				
REFERENCE NO.	**REFERENCE NO.**					
1110B478	1110A436					
1110B479	1110B484					
1110B480	1110B795					
	1110C103					

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 10.00 mm

54

4G64S — 2350 cc — 4 cyl.

1993-96
F.I., SOHC 4
EXPO, GALANT



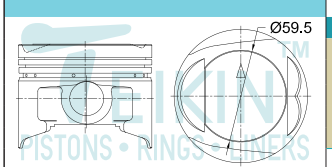
PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 86.50	1 - 1.2	Ø 22.000		TL	155.0	TEIKIN NO.
	1 - 1.5	TL 62.00		OD	90.0	LKSX 43225
CD 35.00						
-4.3	1 - 2.8					
TL 67.05						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**		
43225	**R 43225**	**P 43222**		**LSX 43228**		
				Surface Treatment		
				None		
REFERENCE NO.	**REFERENCE NO.**			**REFERENCE NO.**		
MD303071	MD192815					
MD188115	MD194597					
MD303074	MD195828					

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 14.00 mm

55

4G64 — 2350 cc — 4 cyl.

PICKUP, MIGHTY MAX
F.I., SOHC 8V
1993-96



PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 86.50	1 - 1.2	Ø 22.000		TL	155.0	TEIKIN NO.
	1 - 1.5	TL 62.00		OD	90.0	LKSX 43228
CD 35.10						
+0.2	1 - 3.0					
TL 67.40						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**		
43228	**R 43228**	**P 43222**		**LSX 43228**		
				Surface Treatment		
				None		
REFERENCE NO.	**REFERENCE NO.**			**REFERENCE NO.**		
MD188998	MD195872					

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.60 mm

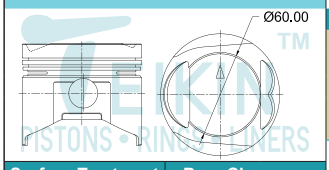
56

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

4G64N — 2350 cc — 4 cyl.

HYUNDAI Y2, G4 CS
F.I., SOHC 12V

Ø 86.50	2 - 1.5	Ø 21.000		TL		155.0	TEIKIN NO.
		TL 72.50		OD		90.0	LKSX 43258
CD 35.00							
+0.4	1 - 4.0						
TL 72.40							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
43258 (43601)	R 43258	P 43155		LSX 43228

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.50 mm

REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
MD105377 23410-32600 23410-32610 23410-32620 23410-32640	MD085346 MD103580			

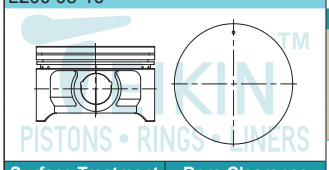
Surface Treatment: None

57

4G64-II — 2350 cc — 4 cyl.

GALANT, ECLIPSE
1999-2002
F.I., SOHC 16V
DODGE 1000 08-10
L200 08-16

Ø 86.50	1 - 1.2 1 - 1.5	Ø 22.000 TL 62.00		TL OD		155.0 90.0	TEIKIN NO. LKSX 43270
CD 30.50							
	1 - 2.8						
TL 53.00							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
43270	R 43225	P 43222		LSX 43228

Surface Treatment	Bore Clearance
None	MRC: 0.020 mm MP: 8.50 mm

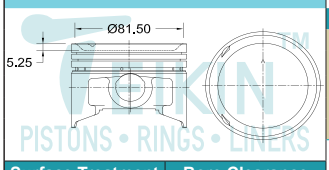
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
MD357066 MD357067 MD357068 MD354837/ 38/ 39 MD361351/ 52	MD192815 MD194597 MD195828			

Surface Treatment: None

58

G64FR — 2350 cc — 4 cyl.

Ø 86.50	1 - 1.2 1 - 1.5	Ø 22.000 TL 62.00					
CD 35.00							
-5.2	1 - 2.8						
TL 67.05							



TEIKIN NO.		TEIKIN NO.		
43276		P 43222		

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.00 mm

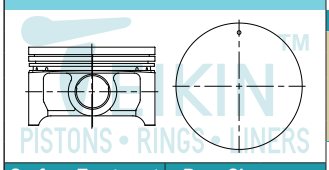
REFERENCE NO.
MD341733

59

4G64-IV — 4 cyl.

L200 (2015-2019)
TRITON (2015-2019)
STRADA (2015-2019)

Ø 86.50	1 - 1.2 1 - 1.5	Ø 22.000 TL 62.00					
CD 30.50							
	1 - 2.8						
TL 53.50							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
43307	43225	P 43222		

Surface Treatment	Bore Clearance
Tin Coated Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 9.00 mm

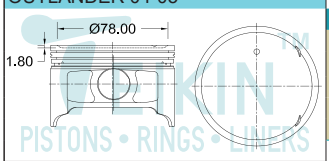
REFERENCE NO.	REFERENCE NO.
1110D007	MD192815 MD194597 MD195828

60

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

4G69 — 2378 cc — 4 cyl.

2.4L
SOHC 16V
GALANT 04-05
LANCER 04-05
OUTLANDER 04-05



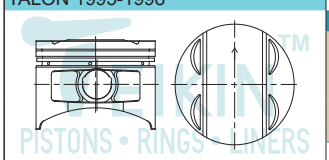
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 15.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 87.00 CD 28.00 -1.8 TL 59.00	2 - 1.2 1 - 2.0	Ø 22.000 TL 62.00				
TEIKIN NO. 43287	TEIKIN NO. R 43287	TEIKIN NO. P 43222				
REFERENCE NO. MN183396 MN163080	REFERENCE NO. MD377324					

61

420A — 1996 cc — 4 cyl.

ECLIPSE 1995-99
CHRYSLER AVERANGER,
CIRRUS,
SEBRING, STRATUS 1995-00
TALON 1995-1998



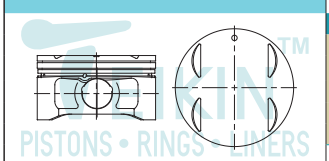
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 17.25 mm

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 87.50 CD 31.50 +0.8 TL 64.85	2 - 1.2 1 - 3.0	Ø 21.000 TL 72.50				
TEIKIN NO. 43230		TEIKIN NO. P 43155				
REFERENCE NO. M04741372 M04797613						

62

6B31 — 2998 cc — 6 cyl.

SOHC 24V V6
VIN X
OUTLANDER 07-10



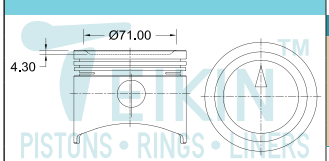
Surface Treatment	Bore Clearance
Tin Coated Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 5.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 87.60 CD 28.30 -2.2 TL 47.80	1 - 1.2 1 - 1.0 1 - 2.0	Ø 22.000 TL 58.00				
TEIKIN NO. 43297	TEIKIN NO. R 43297	TEIKIN NO. P 43290				
REFERENCE NO. 1110B629 1110B630 1110B631	REFERENCE NO. 1110B435 1110B632					

63

4G53 OLD — 2384 cc — 4 cyl.

FORKLIFT 3T



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 22.50 mm

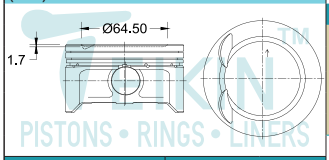
PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 88.00 CD 35.10 -4.3 TL 75.00	2 - 2.0 1 - 4.0	Ø 22.000 TL 75.00				
TEIKIN NO. 43151	TEIKIN NO. R 43151	TEIKIN NO. P 46189				
REFERENCE NO. MD024901 MD024921	REFERENCE NO. MD025000 MD026985					

64

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

4B12 — 2359 cc — 4 cyl.

LANCER - DELICA
OUTLANDER
CV5W - CW5W
CX5A - CY5A
(07-)



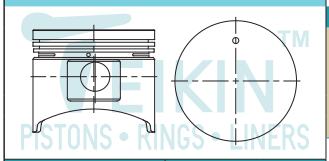
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 10.00 mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 88.00 CD 27.50 -1.7 TL 51.50	2 - 1.2 1 - 2.0	Ø 21.000 TL 57.50				
TEIKIN NO. 43694	TEIKIN NO. R 43694	TEIKIN NO. P 45152				
REFERENCE NO. 1110B365 1110B366 1110B367 1110B483	REFERENCE NO. 1110A822 1110B485 1110B754 1110C162					

65

4G54 — 2555 cc — 4 cyl.

DASH GALANT
MONTERO 1983, CHRYSLER
400 1982-83, 600, CARAVAN
1983-84, CHALLANGER 1981-84



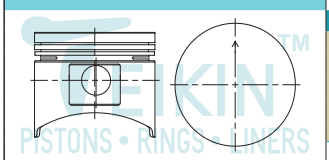
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.50 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 91.10 CD 35.40 TL 77.30	2 - 2.0 1 - 4.0	Ø 22.000 TL 79.00		TL OD	165.0 95.1		TEIKIN NO. LKSX 43153
TEIKIN NO. 43153	TEIKIN NO. R 43153	TEIKIN NO. P 43153		TEIKIN NO. LSX 43153 Surface Treatment None			
REFERENCE NO. MD026921	REFERENCE NO. MD025089 MD026835 MD026960 MD027140			REFERENCE NO.			

66

G54B, RWD — 2555 cc — 4 cyl.

MONTERO 1983-89
SOHC, 12 V
CHRYSLER CARAVAN 1983-87
RELIANT 1985-88,

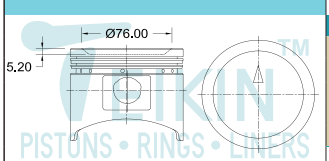


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 20.70 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 91.10 CD 35.50 TL 77.50	2 - 1.5 1 - 4.0	Ø 22.000 TL 79.00		TL OD	165.0 95.1		TEIKIN NO. LKSX 43233
TEIKIN NO. 43233	TEIKIN NO. R 43233	TEIKIN NO. P 43153		TEIKIN NO. LSX 43153 Surface Treatment None			
REFERENCE NO. MD071172	REFERENCE NO. MD061258 MD076170 MD080598 MD101895			REFERENCE NO.			

67

G54BT — 2555 cc — 4 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.50 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 91.10 CD 35.00 -5.2 TL 76.90	2 - 1.5 1 - 4.0	Ø 22.000 TL 79.00		TL OD	165.0 95.1		TEIKIN NO. LKSX 43273
TEIKIN NO. 43273	TEIKIN NO. R 43233	TEIKIN NO. P 43153		TEIKIN NO. LSX 43153 Surface Treatment None			
REFERENCE NO. MD061248 MD128450	REFERENCE NO. MD061258 MD076170 MD080598 MD101895			REFERENCE NO.			

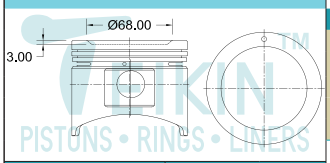
68

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

4G54C — 2555 cc — 4 cyl.

PAJERO ~ STARION (82-)
SOHC

Ø 91.10	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
CD 35.40	2 - 1.5	Ø 22.000		TL	165.0	TEIKIN NO.
-3.0		TL 79.00		OD	95.1	LKSX 43292
TL 77.40	1 - 4.0					



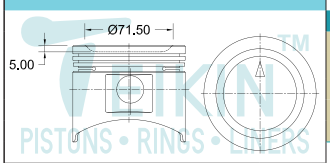
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
43292	R 43233	P 43153		LSX 43153
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
MD080394	MD061258 MD076170 MD080598 MD101895			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.50 mm

69

G54B-II — 2555 cc — 4 cyl.

Ø 91.10	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
CD 35.00	2 - 2.0	Ø 22.000		TL	165.0	TEIKIN NO.
-5.0		TL 79.00		OD	95.1	LKSX 43654
TL 77.00	1 - 4.0					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
43654	R 43153	P 43153		LSX 43153
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
MD024946/47 MD024990/91 MD026860/61 MD026870/71	MD025089 MD026835 MD026960 MD027140			

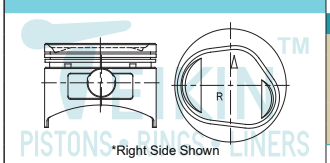
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 21.00 mm

70

6G72 — 2972 cc — 6 cyl.

GALANT SIGMA 1988-90
MONTERO PICKUP 1989-95
F.I., SOHC, V6, HYUNDAI 3000 CC

Ø 91.10	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
CD 31.65	2 - 1.5	Ø 22.000		TL	164.5	TEIKIN NO.
-3.4		TL 66.00		OD	94.2	LKSX 43218
TL 67.50	1 - 4.0					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
43218	R 43218	P 39104		LSX 43218
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
MD131252/4 MD119671 (R) MD152562/3/4 (L) 23410-35104/14/24 23410-35134/44/54	MD101895 MD104922/23 MD104939/40 MD129548			

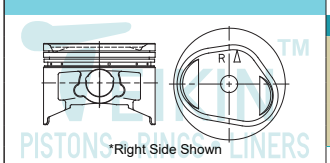
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 20.25 mm

71

6G72 NEW — 2972 cc — 6 cyl.

F.I., SOHC V6, 12 V
MONTERO 1994, 3000GT 1994-99
HYUNDAI 3000 CC

Ø 91.10	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
CD 32.20	1 - 1.2 1 - 1.5	Ø 22.000		TL	164.5	TEIKIN NO.
-3.0		TL 64.00		OD	94.2	LKSX 43220
TL 66.20	1 - 3.0					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
43220	R 43220	P 43220		LSX 43218
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
MD197808 (R) MD197814 (L) 23410-35214 (R) 23410-35244 (L)	MD158344 MD165949 MD301803			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 16.00 mm

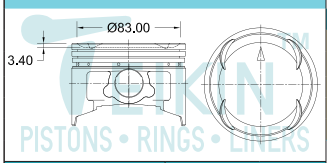
72

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

6G72-T — 2972 cc — 6 cyl.

3000GT TURBO
F.I., DOHC, 24 V
1991-99

Ø 91.10							TEIKIN NO.
CD 31.90 / -3.4 / TL 65.90	1 - 1.2 / 1 - 1.5 / 1 - 3.0	Ø 22.000 / TL 64.00		TL / OD		164.5 / 94.2	LKSX 43235
TEIKIN NO. 43235	TEIKIN NO. R 43220	TEIKIN NO. P 43220		TEIKIN NO. LSX 43218			
				Surface Treatment: None			
REFERENCE NO. MD307972	REFERENCE NO. MD158344, MD165949, MD301803			REFERENCE NO.			



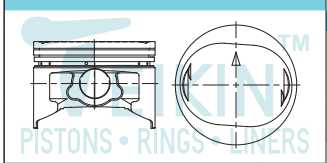
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 15.00 mm

73

6G72H — 2972 cc — 6 cyl.

DIAMENTE 1992-96
F.I., SOHC, 12 V
HYUNDAI FBM

Ø 91.10							TEIKIN NO.
CD 31.90 / -0.2 / TL 65.90	1 - 1.2 / 1 - 1.5 / 1 - 3.0	Ø 22.000 / TL 64.00		TL / OD		164.5 / 94.2	LKSX 43249
TEIKIN NO. 43249	TEIKIN NO. R 43220	TEIKIN NO. P 43220		TEIKIN NO. LSX 43218			
				Surface Treatment: None			
REFERENCE NO. MD307944, MD194548, 23410-35650, 23410-35660/70	REFERENCE NO. MD158344, MD165949, MD301803			REFERENCE NO.			



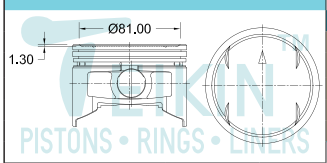
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.00 mm

74

6G72-II — 2972 cc — 6 cyl.

MONTERO SPORT 2001-02
GALANT, ECLIPSE 2000-02
F.I. SOHC 24V

Ø 91.10							TEIKIN NO.
CD 30.20 / -1.3 / TL 64.20	1 - 1.2 / 1 - 1.5 / 1 - 3.0	Ø 22.000 / TL 64.00		TL / OD		164.5 / 94.2	LKSX 43278
TEIKIN NO. 43278	TEIKIN NO. R 43220	TEIKIN NO. P 43220		TEIKIN NO. LSX 43218			
				Surface Treatment: None			
REFERENCE NO. MD367089, MD367088, MD367090	REFERENCE NO. MD158344, MD165949, MD301803			REFERENCE NO.			

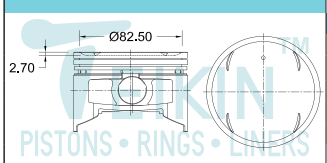


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 19.50 mm

75

6G72-V — 2972 cc — 6 cyl.

Ø 91.10							
CD 31.20 / -2.7 / TL 65.20	1 - 1.2 / 1 - 1.5 / 1 - 3.0	Ø 22.000 / TL 64.00					
TEIKIN NO. 43294	TEIKIN NO. R 43294	TEIKIN NO. P 43220					
REFERENCE NO. MD367101	REFERENCE NO.						



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 19.50 mm

76

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

6G72-IV — 2972 cc — 6 cyl.

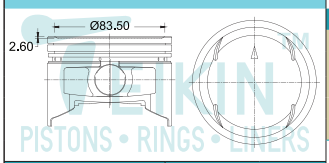
Ø	91.10
CD	31.80
	-2.6
TL	65.80

1 - 1.2	
1 - 1.5	
1 - 3.0	

Ø	22.000
TL	64.00

TL	164.5	
OD	94.2	

TEIKIN NO. LKSX 43667



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43667	R 43220	P 43220	LSX 43218

Surface Treatment: None

REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
MD318501	MD158344 MD165949 MD301803	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.00 mm

77

6G72-III — 2972 cc — 6 cyl.

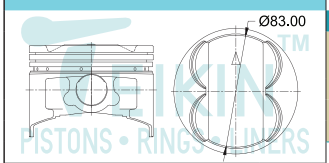
Ø	91.10
CD	32.10
	+0.5
TL	66.60

1 - 1.2	
1 - 1.5	
1 - 3.0	

Ø	22.000
TL	64.00

TL	164.5	
OD	94.2	

TEIKIN NO. LKSX 43669



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43669	R 43220	P 43220	LSX 43218

Surface Treatment: None

REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
MD307958 MD158317	MD158344 MD165949 MD301803	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.00 mm

78

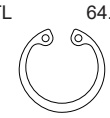
6G74 — 3496 cc — 6 cyl.

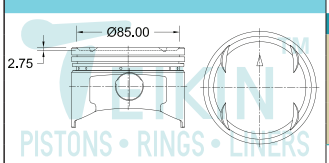
MONTERO 1994-96
F.I., DOHC V6, 24 V
HYUNDAI 3500 CC

Ø	93.00
CD	32.00
	-2.8
TL	65.90

2 - 1.5	
1 - 3.0	

Ø	22.000
TL	64.00





TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43247	R 43247	P 43220

REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
MD308276 MD189498 23410-35700 23410-35710/20	MD300569 MD322783 MD369575	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.00 mm

79

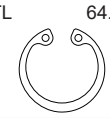
6G74-II — 3496 cc — 6 cyl.

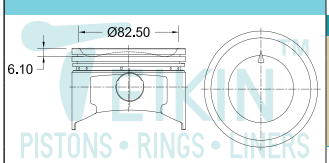
DIAMANTE, MONTERO
1997-99
SOHC 24V

Ø	93.00
CD	31.00
	-6.1
TL	64.90

2 - 1.5	
1 - 3.0	

Ø	22.000
TL	64.00





TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43271	R 43247	P 43220

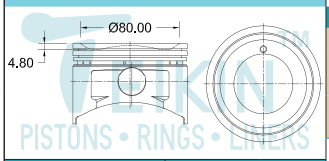
REFERENCE NO.	REFERENCE NO.
MD334469	MD300569 MD322783 MD369575

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.00 mm

80

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

6G74-III — **3500 cc** — 6 cyl.
SOHC 24V
MONTERO 2001-2002
MONTERO SPORT 2001-2004



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Anodized Crown	MP: 20.00 mm

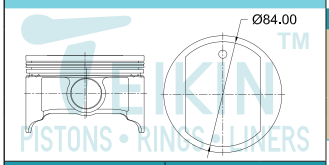
Ø 93.00	2 - 1.5	Ø 22.000
		TL 64.00
CD 30.20		
-4.8	1 - 3.0	
TL 64.20		

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43284	R 43247	P 43220

REFERENCE NO.	REFERENCE NO.
MN149038 MN149037 MN14039 MD371361 MD371362	MD300569 MD322783 MD369575

81

6G75 — **3828 cc** — 6 cyl.
ENDEAVOR 04-05
GALANT 04-05
MONTERO 03-05
V6 SOHC 24V



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 12.00 mm

Ø 95.00	2 - 1.2	Ø 22.000
		TL 58.00
CD 29.10		
+0.2	1 - 2.0	
TL 56.80		

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43290	R 43290	P 43290

REFERENCE NO.	REFERENCE NO.
MN183040	MN183867

82

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

4D65T — 1795 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 80.60	2 - 2.0 HK	Ø 25.000		TL 150.0	146.0	TEIKIN NO.
CD 41.70		TL 68.00		OD 84.6	84.6	LKSF 43229
-2.1	1 - 4.0			FT 4.0		LKSX 43229
TL 78.70				FD 90.5		LKSF 43229A
						LKSX 43229A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
43229	R 43229	P 42167	B 43229	LSF 43229		
43229A				LSX 43229		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
MD072264	MD071206		MD060467			
	MD078209/309					
	MD127017/22					
	MD136692					

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 19.50 mm

83

4D65T OLD — 1795 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 80.60	2 - 2.0 HK	Ø 25.000		TL 150.0	146.0	TEIKIN NO.
CD 41.70		TL 68.00		OD 84.6	84.6	LKSF 43241
-3.5	1 - 4.0			FT 4.0		LKSX 43241
TL 78.70				FD 90.5		LKSF 43241A
						LKSX 43241A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
43241	R 43229	P 42167	B 43229	LSF 43229		
43241A				LSX 43229		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
MD131615	MD071206		MD060467			
MD131612	MD078209/309					
	MD127017/22					
	MD136692					

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 19.50 mm

84

4D65 — 1795 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 80.60	2 - 2.0 HK	Ø 25.000		TL 150.0	146.0	TEIKIN NO.
CD 41.90		TL 68.00		OD 84.6	84.6	LKSF 43264
-2.3	1 - 4.0			FT 4.0		LKSX 43264
TL 78.90				FD 90.5		LKSF 43264A
						LKSX 43264A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
43264	R 43229	P 42167	B 43229	LSF 43229		
43264A				LSX 43229		
(43650)				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
	MD071206		MD060467			
	MD078209/309					
	MD127017/22					
	MD136692					

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 19.50 mm

85

4D65-II — 1800 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 80.60	1 - 2.0 HK	Ø 25.000		TL 150.0	146.0	TEIKIN NO.
CD 41.90	1 - 2.0	TL 68.00		OD 84.6	84.6	LKSF 43286
-2.3	1 - 4.0			FT 4.0		LKSX 43286
TL 78.90				FD 90.5		LKSF 43286A
						LKSX 43286A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
43286	R 43229	P 42167	B 43229	LSF 43229		
43286A				LSX 43229		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
MD061985	MD071206		MD060467			
	MD078209/309					
	MD127017/22					
	MD136692					

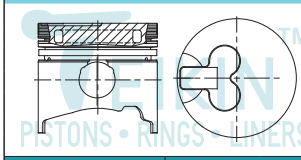
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 19.50 mm

86

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
						LINER		

4D68T — 1998 cc — 4 cyl.

Ø 82.70	2 - 2.0 HK	Ø 25.000		TL	170.0	165.0	TEIKIN NO.
		TL 66.00		OD	86.7	86.7	LKFX 43612
CD 39.30				FT	5.0		LKSF 43612
-1.5	1 - 3.0			FD	90.7		LKSX 43612
TL 76.30							LKFX 43612AG
							LKSF 43612AG
							LKSX 43612AG



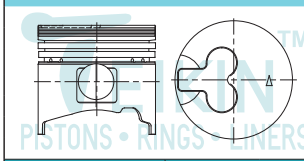
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43612 43612AG (43243)	R 43612	P 43612	B 43229	LFX 43612 LSF 43612 LSX 43612
				Surface Treatment None
REFERENCE NO. MD194157	REFERENCE NO. MD197187		REFERENCE NO. MD060467	REFERENCE NO.

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 10.00 mm

87

4D68 — 1998 cc — 4 cyl.

Ø 82.70	1 - 2.0 HK	Ø 25.000		TL	170.0	165.0	TEIKIN NO.
	1 - 2.0	TL 67.00		OD	86.7	86.7	LKFX 43613
CD 39.40				FT	5.0		LKSF 43613
-1.9	1 - 3.0			FD	90.7		LKSX 43613
TL 76.30							LKFX 43613A
							LKSF 43613A
							LKSX 43613A



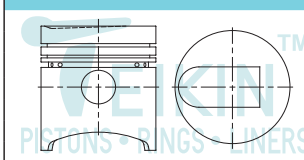
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43613 43613A (43240)	R 43613	P 39157	B 43229	LFX 43612 LSF 43612 LSX 43612
				Surface Treatment None
REFERENCE NO. MD194163 MD194168	REFERENCE NO. MD197162		REFERENCE NO. MD060467	REFERENCE NO.

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 20.00 mm

88

4DQ5 — 2084 cc — 4 cyl.

Ø 84.00	1 - 2.5	Ø 25.000					
	1 - 2.0	TL 70.00					
CD 45.30							
-1.8	1 - 4.0						
TL 92.30							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43687	R 43687	P G0118	B 43687
REFERENCE NO. 30617-57105	REFERENCE NO. 30617-51011		REFERENCE NO.

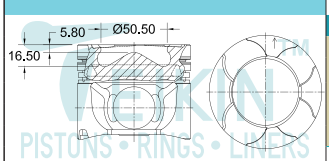
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.110 mm MP: 25.00 mm

89

4N15 — 2442 cc — 4 cyl.

L200
MONTERO SPORT
PAJERO SPORT
2015

Ø 86.00	1 - 2.0 HK	Ø 32.000		TL	163.0	163.0	TEIKIN NO.
	1 - 1.5	TL 70.00		OD	89.0	89.0	LKSF 43301AG
CD 47.80				FT	2.9		LKSX 43301AG
-16.5	1 - 2.0			FD	94.0		
TL 71.50							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
43301AG	R 43301	P 42185		LSF 43301 LSX 43301
				Surface Treatment None
REFERENCE NO. 1110D114 1110D115 1110D116	REFERENCE NO. 1110C712			REFERENCE NO.

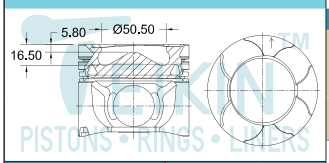
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown	MRC: 0.030 mm MP: 5.50 mm

90

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

4N15-II

L200, TRITON
STRADA, PAJERO SPORT
MONTERO SPORT
2015- 2019
4 cyl.



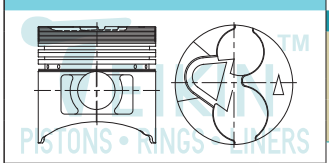
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 86.00 CD 47.80 -16.5 TL 71.50	2 - 2.0 HK 1 - 2.0	Ø 32.000 TL 70.00				
TEIKIN NO. 43304AG	TEIKIN NO. R 43304	TEIKIN NO. P 42185				
REFERENCE NO. 1110D472 1110D473 1110D474	REFERENCE NO. 1110D480					

91

4D55 / 4D56 — 2346 cc

L 300 D
HYUNDAI D4BX OLD
4 cyl.



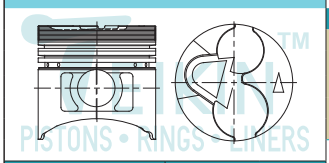
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm
	MP: 19.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 91.10 CD 48.70 -2.8 TL 88.75	1 - 2.5 1 - 2.0 1 - 4.0	Ø 29.000 TL 75.00		TL 165.0 OD 94.2 FT 2.0 FD 98.1	165.0 94.2	TEIKIN NO. LKFX 43171 LKSF 43171 LKSX 43171 LKFX 43171A LKSF 43171A LKSX 43171A
TEIKIN NO. 43171 43171A	TEIKIN NO. R 43171	TEIKIN NO. P 43171	TEIKIN NO. B 43171	TEIKIN NO. LFX 43171 LSF 43171 LSX 43171 Surface Treatment None		
REFERENCE NO. MD050021 MD103318 23410-42000 23410-42010/20	REFERENCE NO. MD050395		REFERENCE NO. MD050009	REFERENCE NO. MD050430 MD103648 MD168963		

92

4D56T — 2346 cc

L 300 D NEW
HYUNDAI TC (D4BF-T)
1980
4 cyl.



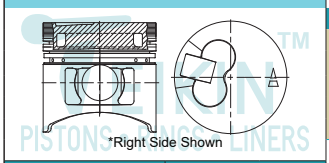
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm
	MP: 19.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 91.10 CD 48.70 -2.8 TL 88.75	1 - 2.5 HK 1 - 2.0 HK 1 - 4.0	Ø 29.000 TL 75.00		TL 165.0 OD 94.2 FT 2.0 FD 98.1	165.0 94.2	TEIKIN NO. LKFX 43173 LKSF 43173 LKSX 43173 LKFX 43173A LKSF 43173A LKSX 43173A
TEIKIN NO. 43173 43173A	TEIKIN NO. R 43173	TEIKIN NO. P 43171	TEIKIN NO. B 43171	TEIKIN NO. LFX 43171 LSF 43171 LSX 43171 Surface Treatment None		
REFERENCE NO. MD103308 MD050011 23410-42850 23410-42860/70	REFERENCE NO. 1110A561 1110A562/3 MD050390 MD103391/3		REFERENCE NO. MD050009	REFERENCE NO. MD050430 MD103648 MD168963		

93

4D56-T LATE — 2476 cc

HYUNDAI D4BH TCI
4 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm
	MP: 18.90 mm

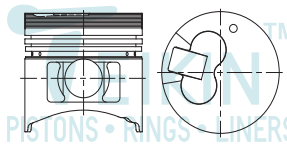
PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 91.10 CD 48.70 -2.7 TL 88.70	1 - 2.5 HK 1 - 2.0 HK 1 - 4.0	Ø 29.000 TL 75.00		TL 165.0 OD 94.2 FT 4.0 FD 98.1	165.0 94.2	TEIKIN NO. LKFX 43242AG LKSF 43242AG LKSX 43242AG
TEIKIN NO. 43242AG	TEIKIN NO. R 43173	TEIKIN NO. P 43171	TEIKIN NO. B 43171	TEIKIN NO. LFX 43171 LSF 43171 LSX 43171 Surface Treatment None		
REFERENCE NO. MD304853 (R) MD304859 (L) 23410-42170 (R) 23430-42170 (L) MD367637 (R)	REFERENCE NO. 1110A561 1110A562/3 MD050390 MD103391/3		REFERENCE NO. MD050009	REFERENCE NO. MD050430 MD103648 MD168963		

94

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

4D56-II — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 91.10	1 - 2.5	Ø 29.000		TL	165.0	165.0	TEIKIN NO.
	1 - 2.0	TL 75.00		OD	94.2	94.2	LKFF 43285
CD 48.70				FT	2.0		LKFX 43285
-2.6	1 - 4.0			FD	98.1		LKSF 43285
TL 88.70							LKSX 43285
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
43285	R 43171	P 43171	B 43171	LFF 43171 LFX 43171 LSF 43171 LSX 43171			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
MD304835 MD304834/36 MD308437/39 MD367334/35/36/40/41	MD050395		MD050009				

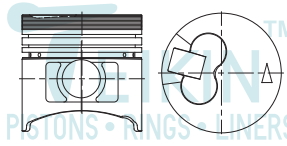


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 19.00 mm

95

4D56 LATE — 2476 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 91.10	1 - 2.5	Ø 29.000		TL	165.0	165.0	TEIKIN NO.
	1 - 2.0	TL 75.00		OD	94.2	94.2	LKFX 43291
CD 48.70				FT	2.0		LKSF 43291
-2.7	1 - 4.0			FD	98.1		LKSX 43291
TL 88.70							LKFX 43291A
							LKSF 43291A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			LKSX 43291A
43291 43291A	R 43171	P 43171	B 43171	LFX 43171 LSF 43171 LSX 43171			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
MD304838	MD050395		MD050009	MD050430 MD103648 MD168963			



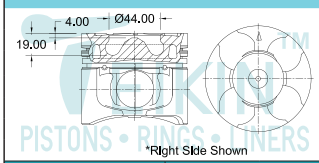
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 19.00 mm

96

4D56T CRDi-II — 2476 cc — 4 cyl.

NATIVA
L200
PAJERO SPORT
2010

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 91.10	1 - 2.5 HK	Ø 32.000		TL	165.0	165.0	TEIKIN NO.
	1 - 2.0 HK	TL 75.00		OD	94.2	94.2	LKFX 43300AG
CD 48.20				FT	4.0		LKSF 43300AG
-19.0	1 - 3.0			FD	98.1		LKSX 43300AG
TL 78.20							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
43300AG	R 43300	P 43678	B 43672	LFX 43171 LSF 43171 LSX 43171			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
1110C313 (R/L) 1110C314 1110C315 1110C316 1110C317	1110B977 1110B978 1110B979			MD050430 MD103648 MD168963			

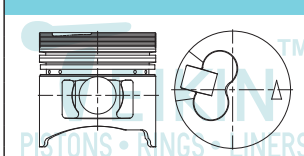


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 10.00 mm

97

4D56-T LATE-II — 2476 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 91.10	1 - 2.5 HK	Ø 29.000		TL	165.0	165.0	TEIKIN NO.
	1 - 2.0 HK	TL 75.00		OD	94.2	94.2	LKFX 43661
CD 48.70				FT	2.0		LKSF 43661
-2.7	1 - 4.0			FD	98.1		LKSX 43661
TL 88.70							LKFX 43661A
							LKSF 43661A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			LKSX 43661A
43661 43661A	R 43173	P 43171	B 43171	LFX 43171 LSF 43171 LSX 43171			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
MD304850 MD304847	1110A561 1110A562/3 MD050390 MD103391/3		MD050009	MD050430 MD103648 MD168963			



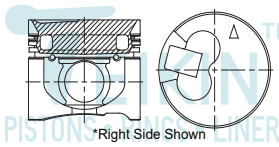
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 19.00 mm

98

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

4D55T/4D56T-II — 2476 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 91.10	1 - 2.5 HK 1 - 2.0 HK	Ø 32.000 TL 75.00		TL OD FT FD	165.0 94.2 2.0 98.1	165.0 94.2	TEIKIN NO. LKFX 43672AG LKSF 43672AG LKSX 43672AG
CD 48.70 -2.6 TL 78.70	1 - 4.0						
TEIKIN NO. 43672AG	TEIKIN NO. R 43173	TEIKIN NO. P 43678	TEIKIN NO. B 43672		TEIKIN NO. LFX 43171 LSF 43171 LSX 43171 Surface Treatment None		
REFERENCE NO. MR984128/30 (R/L) MD377962 MD377963 MD377965 MD377966	REFERENCE NO. 1110A561 1110A562/3 MD050390 MD103391/3		REFERENCE NO.		REFERENCE NO. MD050430 MD103648 MD168963		

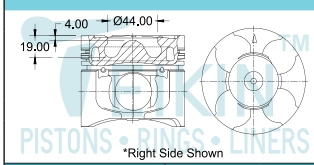


Surface Treatment	Bore Clearance
Tin Coated Anodized Crown	MRC: 0.040 mm MP: 10.00 mm

99

4D56T CRDi — 2477 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 91.10	1 - 2.5 HK 1 - 2.0 HK	Ø 32.000 TL 75.00		TL OD FT FD	165.0 94.2 2.0 98.1	165.0 94.2	TEIKIN NO. LKFX 43678AG LKSF 43678AG LKSX 43678AG
CD 48.20 -19.0 TL 78.20	1 - 4.0						
TEIKIN NO. 43678AG	TEIKIN NO. R 43173	TEIKIN NO. P 43678	TEIKIN NO. B 43672		TEIKIN NO. LFX 43171 LSF 43171 LSX 43171 Surface Treatment None		
REFERENCE NO. 1110A593 (R/L) 1110A594 1110A595 1110A596	REFERENCE NO. 1110A561 1110A562/3 MD050390 MD103391/3		REFERENCE NO.		REFERENCE NO. MD050430 MD103648 MD168963		



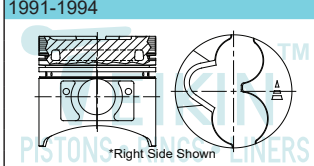
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown	MRC: 0.040 mm MP: 10.00 mm

100

4D55T / 4D56T — 2346 cc — 4 cyl.

PAJERO
MONTERO
V24C, V24V, V24W
V24WG, V44W, V44WG
1991-1994

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 91.10	1 - 2.5 HK 1 - 2.0 HK	Ø 29.000 TL 75.00		TL OD FT FD	165.0 94.2 2.0 98.1 *DIMENSION IS FOR LSF	165.0 94.2	TEIKIN NO. LKFF 43709AG LKFX 43709AG LKSF 43709AG LKSX 43709AG
CD 48.70 -3.0 TL 88.70	1 - 4.0						
TEIKIN NO. 43709AG	TEIKIN NO. R 43173	TEIKIN NO. P 43171	TEIKIN NO. B 43672		TEIKIN NO. LFF 43171 LFX 43171 LSF 43171 LSX 43171 Surface Treatment None		
REFERENCE NO. MD182607 (R) MD182601 (L)	REFERENCE NO. 1110A561 1110A562/3 MD050390 MD103391/3		REFERENCE NO.		REFERENCE NO. MD050430 MD103648 MD168963		



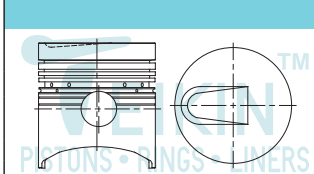
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 10.00 mm

101

4DR5 — 2659 cc — 4 cyl.

T-210
1971

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 92.00	1 - 2.5 HK 2 - 2.0	Ø 28.000 TL 76.80		TL OD		176.0 95.0	TEIKIN NO. LKFX 43157 LKSX 43157
CD 52.50 -3.8 TL 99.65	1 - 4.5						
TEIKIN NO. 43157	TEIKIN NO. R 43157	TEIKIN NO. P 43157	TEIKIN NO. B 43157		TEIKIN NO. LFX 43157 LSX 43157 Surface Treatment None		
REFERENCE NO. 31617-00104 31617-00106	REFERENCE NO. 31617-02012/3 31617-05102/3 ME999073		REFERENCE NO. 31619-00700 31619-00792		REFERENCE NO. 31607-02202		



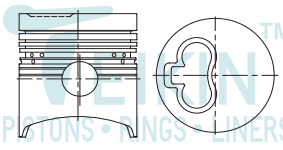
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 25.00 mm

102

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

4DR51/4DR5 LATE — 2659 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 92.00	1 - 2.5 HK	Ø 28.000		TL		176.0	TEIKIN NO.
	2 - 2.0	TL 77.00		OD		95.0	LKFX 43609
CD 52.70							LKSX 43609
-2.4	1 - 4.5						
TL 99.70							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
43609 (43238)	R 43157	P 43609	B 43157		LFX 43157 LSX 43157		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
MD002044 ME002044	31617-02012/3 31617-05102/3 ME999073		31619-00700 31619-00792		31607-02202		



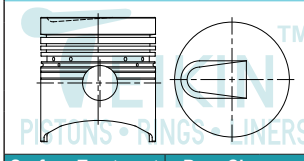
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 24.70 mm

103

6DR5 — 3988 cc — 6 cyl.

T-210
1971

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 92.00	1 - 2.5 HK	Ø 28.000		TL		176.0	TEIKIN NO.
	2 - 2.0	TL 76.80		OD		95.0	LKFX 43157-6
CD 52.50							LKSX 43157-6
-3.8	1 - 4.5						
TL 99.70							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
43157-6	R 43157-6	P 43157	B 43655-6		LFX 43157-6 LSX 43157-6		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
31617-00104 31617-00106	31617-02012/3 31617-05102/3 ME999073		31619-00700 31619-00792		31607-02202		

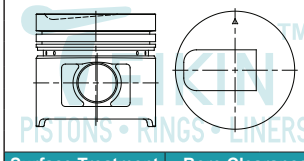


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 25.00 mm

104

S4E — 2610 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 94.00	1 - 2.5 HK	Ø 28.000		TL	168.0	168.0	TEIKIN NO.
	1 - 2.0	TL 77.00		OD	98.0	98.0	LKSF 43655
CD 51.50				FT	2.5		LKSX 43655
-3.5	1 - 4.5			FD	102.95		LKSF 43655A
TL 98.50							LKSX 43655A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
43655 43655A	R 43655	P 43609	B 43157		LSF 43655 LSX 43655		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
34417-20101 34417-04101	34417-11011 34417-02012		31619-00700 31619-00792		34407-00301 34407-00302		

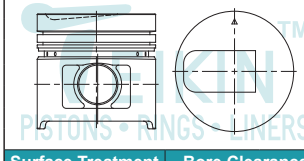


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.170 mm MP: 13.00 mm

105

S4S — 3331 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 94.00	1 - 2.5 HK	Ø 30.000		TL	185.0	190.0	TEIKIN NO.
	1 - 2.0	TL 76.50		OD	98.0	98.0	LKSF 43682
CD 55.00				FT	4.0		LKSX 43682
-4.7	1 - 4.5			FD	101.9		
TL 89.80							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
43682	R 43655	P 43682	B 43682		LSF 43682 LSX 43682		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
32A17-00100	34417-11011 34417-02012		32A19-00500		32A07-00300		



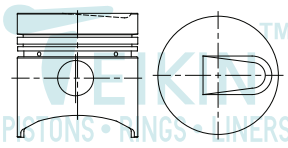
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 12.00 mm

106

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

S6E 2610 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 94.00	1 - 2.5 HK	Ø 28.000		TL 168.0	168.0	TEIKIN NO.
	1 - 2.0	TL 77.00		OD 98.0	98.0	LKSF 43655-6
CD 51.50				FT 2.5		LKSX 43655-6
-3.5	1 - 4.5			FD 102.95		
TL 98.50						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
43655-6	R 43655-6	P 43609		LSF 43655-6 LSX 43655-6		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		
34417-20101 34417-04101	34417-11011 34417-02012			34407-00301 34407-00302		

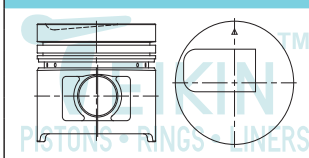


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.170 mm MP: 13.00 mm

107

S6S 4996 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 94.00	1 - 2.5 HK	Ø 30.000		TL 185.0	190.0	TEIKIN NO.
	1 - 2.0	TL 76.50		OD 98.0	98.0	LKSF 43682-6
CD 55.00				FT 4.0		LKSX 43682-6
-4.7	1 - 4.5			FD 101.9		
TL 89.80						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
43682-6	R 43655-6	P 43682	B 43682-6	LSF 43682-6 LSX 43682-6		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
32A17-00100	34417-11011 34417-02012		32A19-00500 32A19-00501	32A07-00300		

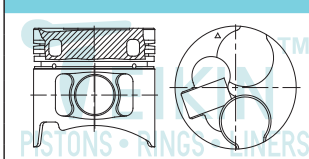


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 12.00 mm

108

4M40-T 2835 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 95.00	1 - 2.3 FK	Ø 30.000		TL 186.0	186.0	TEIKIN NO.
	1 - 2.0	TL 78.00		OD 99.0	99.0	LKFX 43232
CD 51.60				FT 2.5		LKSF 43232
-3.0	1 - 4.0			FD 104.6		LKSX 43232
TL 91.60						LKFX 43232A
						LKSF 43232A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		LKSX 43232A
43232 43232A 43232AG	R 43232	P 43232	B 43232	LFX 43232 LSF 43232 LSX 43232		LKFX 43232AG LKSF 43232AG LKSX 43232AG
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
ME200689 ME200688 ME200690 ME204029 ME204030	ME201522 ME202380 ME202950 ME997256/894		ME201016	ME200685 ME99919		

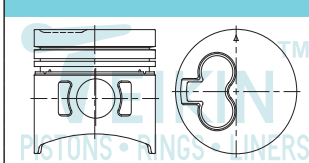


Surface Treatment	Bore Clearance
Tin Coated Anodized Crown	MRC: 0.040 mm MP: 19.00 mm

109

4DR7 2835 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 95.00	1 - 2.3 FK	Ø 30.000		TL	180.0	TEIKIN NO.
	1 - 2.0	TL 78.00		OD	98.0	LKFX 43610
CD 52.60						LKSX 43610
-2.3	1 - 4.0					LKFX 43610A
TL 94.60						LKSX 43610A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
43610 43610A (43239)	R 43232	P 43232	B 43232	LFX 43610 LSX 43610		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
ME021861	ME201522 ME202380 ME202950 ME997256/894		ME201016	ME997798		



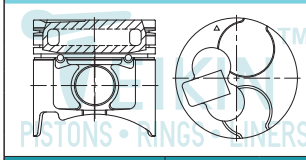
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 20.50 mm

110

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

4M40-T-II — 2835 cc — 4 cyl.

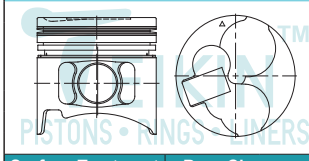
PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 95.00	1 - 2.3 FK	Ø 30.000		TL	186.0	186.0	TEIKIN NO.
	1 - 2.0	TL 78.00		OD	99.0	99.0	LKFX 43670AG
CD 51.60				FT	2.5		LKSF 43670AG
-2.7	1 - 3.0			FD	104.6		LKSX 43670AG
TL 91.60							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
43670AG	R 43670	P 43232	B 43232	LFX 43232 LSF 43232 LSX 43232			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
ME203223 ME203224 ME203225 ME202095/6/7 ME203642/3	ME190317 ME202148 ME202848		ME201016	ME200685 ME99919			111



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm
Anodized Crown	MP: 18.50 mm

4M40 — 2835 cc — 4 cyl.

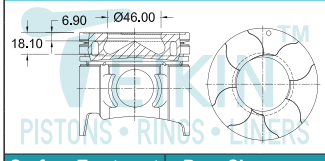
PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 95.00	1 - 2.3 FK	Ø 30.000		TL	186.0	186.0	TEIKIN NO.
	1 - 2.0	TL 78.00		OD	99.0	99.0	LKFX 43673A
CD 51.70				FT	2.5		LKSF 43673A
-3.1	1 - 4.0			FD	104.6		LKSX 43673A
TL 91.70							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
43673A	R 43232	P 43232	B 43232	LFX 43232 LSF 43232 LSX 43232			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
ME200680/1/2 ME201780/1/2	ME201522 ME202380 ME202950 ME997256/894		ME201016	ME200685 ME99919			112



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm
Anodized Crown	MP: 19.50 mm

4M42-0AT — 2977 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 95.00	1 - 2.3 FK	Ø 32.000		TL	186.0	186.0	TEIKIN NO.
	1 - 2.0	TL 80.00		OD	99.0	99.0	LKFX 43681AG
CD 47.00				FT	2.5		LKSF 43681AG
-18.1	1 - 3.0			FD	104.6		LKSX 43681AG
TL 87.00							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
43681AG	R 43670	P G1106	B 43663	LFX 43232 LSF 43232 LSX 43232			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
ME190902 ME190903 ME190904 ME190905 ME190906	ME190317 ME202148 ME993211 ME993212		ME203868	ME200685 ME99919			113

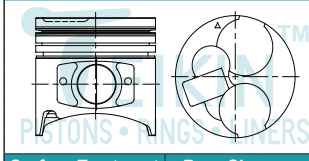


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.090 mm
	MP: 20.00 mm

4M40-II — 2835 cc — 4 cyl.

L200
K57T
K77T
KB7T
2007-

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 95.00	1 - 2.3 FK	Ø 30.000		TL	186.0	186.0	TEIKIN NO.
	1 - 2.0	TL 78.00		OD	99.0	99.0	LKFX 43710A
CD 51.70				FT	2.5		LKSF 43710A
-3.0	1 - 3.0			FD	104.6		LKSX 43710A
TL 91.70							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
43710A	R 43670	P 43232	B 43232	LFX 43232 LSF 43232 LSX 43232			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
ME204402 ME203317 ME203318 ME203319 ME204403/04	ME190317 ME202148 ME993211 ME993212		ME201016	ME200685 ME99919			114

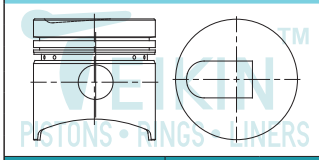


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm
Anodized Crown	MP: 19.50 mm

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

S4E2 — 2960 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 98.00	1 - 3.0 HK	Ø 28.000		TL	170.0	168.5	TEIKIN NO.
	1 - 2.0	TL 77.00		OD	101.0	102.0	LKSF 43688
CD 51.50				FT	4.0		LKSX 43688
-3.5	1 - 5.0			FD	103.0		
TL 98.50							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
43688	R 43688	P 43157	B 43688		LSF 43688 LSX 43688		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
34417-54100	34417-09012				34407-00500 34407-05400		

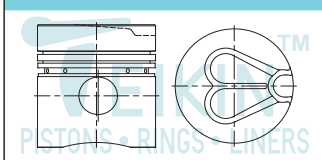


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 25.00 mm

115

6DS7 — 5430 cc — 6 cyl. — FUSO T-653

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 98.00	1 - 3.0 HK	Ø 32.000		TL	201.0		TEIKIN NO.
	1 - 2.0	TL 82.00		OD	110.0		LKFF 43115
CD 60.70				FT	10.0 + 0.9		
-9.4	1 - 5.0			FD	117.0		
TL 105.20							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
43115	R 43115	P 43115	B 43115		LFF 43115		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
ME024402 ME023274 ME024407	ME021861 ME023333 ME024409		ME020448 ME020449		ME021843		

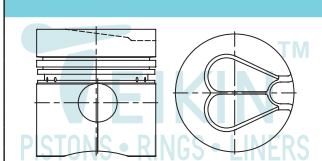


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 16.50 mm

116

6DS7 NEW — 5430 cc — 6 cyl. — FUSO T-653

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 98.00	1 - 3.0 HK	Ø 32.000		TL	206.0		TEIKIN NO.
	1 - 2.0	TL 82.00		OD	110.0		LKFF 43115N
CD 60.70				FT	10.0 + 1.1		
-9.4	1 - 5.0			FD	117.0		
TL 105.20							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
43115N	R 43115	P 43115	B 43115		LFF 43115N		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
ME024402 ME023274 ME024407	ME021861 ME023333 ME024409		ME020448 ME020449		ME029081 ME029187		

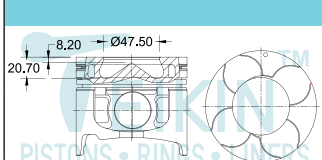


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 16.50 mm

117

4M41-T — 3200 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 98.50	1 - 2.5 FK	Ø 32.000		TL	170.5	170.5	TEIKIN NO.
	1 - 1.5	TL 78.00		OD	102.5	102.5	LKFX 43663AG
CD 47.00				FT	4.0		LKSF 43663AG
-20.7	1 - 3.0			FD	105.5		LKSX 43663AG
TL 87.00							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
43663AG	R 43663	P 52107	B 43663		LFX 43663 LSF 43663 LSX 43663		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
ME191469 ME191470 ME191471 1110C623/4/5	ME203533		ME203868				



Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown	MRC: 0.060 mm MP: 18.00 mm

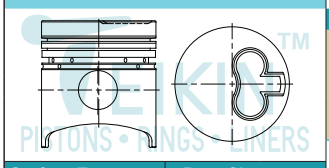
118

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

4D30 OLD — 3300 cc — 4 cyl.

FE
1979

Ø 100.00	1 - 3.0 HK	Ø 34.000		TL	197.0	197.0	TEIKIN NO.
	1 - 2.0	TL 83.50		OD	104.0	104.0	LKSF 43164
CD 60.50				FT	5.0		LKSX 43164
-2.7	1 - 5.0			FD	109.0		LKSF 43164A
TL 110.45							LKSX 43164A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43164 43164A	R 43166	P 39138	B 43683	LSF 43166 LSX 43166
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
ME012051 ME012090	ME012010 ME012070		ME012203 ME012249 ME012255 ME012257	ME011513

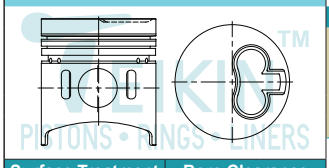
Surface Treatment	Bore Clearance
None	MRC: 0.100 mm MP: 26.70 mm

119

4D30 — 3300 cc — 4 cyl.

CANTER 2T, 3T
FE 83

Ø 100.00	1 - 3.0 HK	Ø 34.000		TL	197.0	197.0	TEIKIN NO.
	1 - 2.0	TL 83.50		OD	104.0	104.0	LKSF 43166
CD 60.40				FT	5.0		LKSX 43166
-2.8	1 - 5.0			FD	109.0		LKSF 43166A
TL 110.40							LKSX 43166A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43166 43166A	R 43166	P 39138	B 43683	LSF 43166 LSX 43166
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
ME012100 ME012001-3 ME012115	ME012010 ME012070		ME012203 ME012249 ME012255 ME012257	ME011513

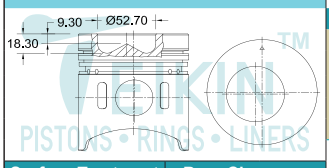
Surface Treatment	Bore Clearance
None	MRC: 0.050 mm MP: 26.00 mm

120

4D31 / 4D31T — 3300 cc — 4 cyl.

PS 100

Ø 100.00	1 - 3.0 HK	Ø 34.000		TL	191.0	191.0	TEIKIN NO.
	1 - 2.0	TL 83.50		OD	104.0	104.0	LKFX 43168
CD 60.70				FT	5.0		LKSF 43168
-18.3	1 - 5.0			FD	109.0		LKSX 43168
TL 110.70							LKFX 43168A
							LKSF 43168A
							LKSX 43168A



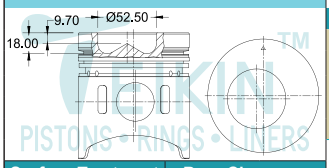
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43168 43168A	R 43166	P 39138	B 43683	LFX 43168 LSF 43168 LSX 43168
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
ME012131 ME012145 ME012160	ME012010 ME012070		ME012203 ME012249 ME012255 ME012257	ME011523 ME011604

Surface Treatment	Bore Clearance
None	MRC: 0.070 mm MP: 26.80 mm

121

4D31 T — 3298 cc — 4 cyl.

Ø 100.00	1 - 3.0 HK	Ø 34.000		TL	191.0	191.0	TEIKIN NO.
	1 - 2.0	TL 84.50		OD	104.0	104.0	LKFX 43617
CD 60.70				FT	5.0		LKSF 43617
-18.0	1 - 5.0			FD	109.0		LKSX 43617
TL 110.70							LKFX 43617A
							LKSF 43617A
							LKSX 43617A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43617 43617A (43255)	R 43166	P 39138	B 43683	LFX 43168 LSF 43168 LSX 43168
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
ME012906	ME012010 ME012070		ME012203 ME012249 ME012255 ME012257	ME011523 ME011604

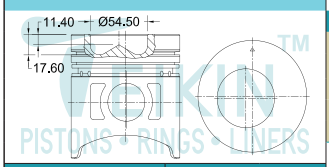
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 25.00 mm

122

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

4D31-T LATE — 3298 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 100.00	1 - 3.0 HK	Ø 34.000		TL	191.0	191.0	TEIKIN NO.
	1 - 2.0	TL 83.50		OD	104.0	104.0	LKFX 43664A
CD 60.70				FT	5.0		LKSF 43664A
-17.6	1 - 4.0			FD	109.0		LKSX 43664A
TL 110.70							
TEIKIN NO. 43664A	TEIKIN NO. R 43664	TEIKIN NO. P 39138	TEIKIN NO. B 43170		TEIKIN NO. LFX 43168 LSF 43168 LSX 43168		
					Surface Treatment: None		
REFERENCE NO. ME012858 ME012859 ME012860 ME012861 ME012862	REFERENCE NO. ME012848 ME997396 ME997398 ME999783		REFERENCE NO. ME012234		REFERENCE NO. ME011523 ME011604		

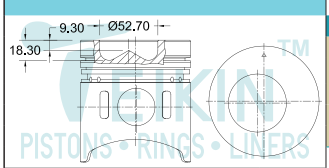


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.130 mm MP: 27.00 mm

123

6D31 / 6D31T — 4948 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 100.00	1 - 3.0 HK	Ø 34.000		TL	191.0	191.0	TEIKIN NO.
	1 - 2.0	TL 83.50		OD	104.0	104.0	LKSF 43168-6
CD 60.70				FT	5.0		LKSX 43168-6
-18.3	1 - 5.0			FD	109.0		LKSF 43168A-6
TL 110.70							LKSX 43168A-6
TEIKIN NO. 43168-6 43168A-6	TEIKIN NO. R 43168-6	TEIKIN NO. P 39138	TEIKIN NO. B 43168-6		TEIKIN NO. LSF 43168-6 LSX 43168-6		
					Surface Treatment: None		
REFERENCE NO. ME012131 ME012145 ME012160	REFERENCE NO. ME999717		REFERENCE NO. ME012257		REFERENCE NO. ME011626		

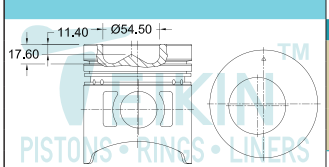


Surface Treatment	Bore Clearance
None	MRC: 0.070 mm MP: 26.80 mm

124

6D31-T LATE — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 100.00	1 - 3.0 HK	Ø 34.000		TL	191.0	191.0	TEIKIN NO.
	1 - 2.0	TL 83.50		OD	104.0	104.0	LKFX 43664A-6
CD 60.70				FT	5.0		LKSF 43664A-6
-17.6	1 - 4.0			FD	109.0		LKSX 43664A-6
TL 110.70							
TEIKIN NO. 43664A-6	TEIKIN NO. R 43664-6	TEIKIN NO. P 39138	TEIKIN NO. B 43170-6		TEIKIN NO. LFX 43168 LSF 43168 LSX 43168		
					Surface Treatment: None		
REFERENCE NO. ME012858	REFERENCE NO. ME012848 ME997396 ME997398 ME999783		REFERENCE NO. ME012234		REFERENCE NO. ME011523 ME011604		

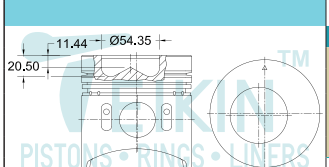


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.130 mm MP: 27.00 mm

125

4D34 — 3907 cc — PS 120 — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 104.00	1 - 2.8 FK	Ø 34.000		TL	200.0	200.0	TEIKIN NO.
	1 - 2.0	TL 83.50		OD	108.0	108.0	LKFX 43170
CD 62.20				FT	4.0		LKSF 43170
-20.5	1 - 4.0			FD	113.0		LKSX 43170
TL 112.20							LKFX 43170A
							LKSF 43170A
TEIKIN NO. 43170 43170A	TEIKIN NO. R 43170	TEIKIN NO. P 39138	TEIKIN NO. B 43170		TEIKIN NO. LFX 43170 LSF 43170 LSX 43170		LKSX 43170A
					Surface Treatment: None		
REFERENCE NO. ME012928 ME012900 ME012901	REFERENCE NO. ME997240 ME996566		REFERENCE NO. ME012234		REFERENCE NO. ME013366		

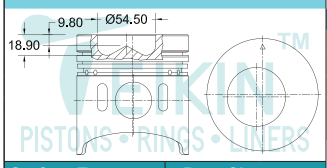


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 27.50 mm

126

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
						LINER		

4D32 — 3567 cc — 4 cyl.

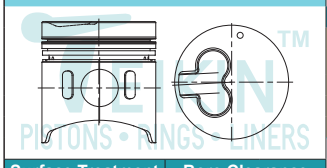


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 27.00 mm

Ø 104.00							
CD 60.70 -18.9 TL 110.70	1 - 3.0 HK 1 - 2.0 1 - 4.0	Ø 34.000 TL 83.50		TL OD FT 4.0 FD	197.0 108.0 113.0 *DIMENSION	197.0 108.0 IS FOR LSF	TEIKIN NO. LKFF 43227 LKFX 43227 LKSF 43227 LKSX 43227 LKFF 43227A LKFX 43227A LKSF 43227A LKSX 43227A
TEIKIN NO. 43227 43227A	**TEIKIN NO.** R 43227	**TEIKIN NO.** P 39138	**TEIKIN NO.** B 43683	**TEIKIN NO.** LFF 43227 LFX 43227 LSF 43227 LSX 43227 **Surface Treatment** None			
REFERENCE NO. ME012174 ME012178 ME012180	**REFERENCE NO.** ME999641 ME997318 ME999243		**REFERENCE NO.** ME012203 ME012249 ME012255 ME012257	**REFERENCE NO.** ME012900			

127

4D36 — 3567 cc — 4 cyl.

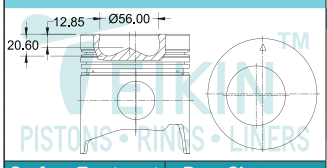


Surface Treatment	Bore Clearance
Tin Coated Anodized Crown	MRC: 0.050 mm MP: 26.50 mm

Ø 104.00							
CD 60.60 -4.6 TL 110.60	1 - 2.8 FK 1 - 2.0 1 - 4.0	Ø 34.000 TL 83.50		TL OD FT 4.0 FD	197.0 108.0 113.0 *DIMENSION	197.0 108.0 IS FOR LSF	TEIKIN NO. LKFF 43280 LKFX 43280 LKSF 43280 LKSX 43280 LKFF 43280A LKFX 43280A LKSF 43280A LKSX 43280A
TEIKIN NO. 43280 43280A	**TEIKIN NO.** R 43170	**TEIKIN NO.** P 39138	**TEIKIN NO.** B 43170	**TEIKIN NO.** LFF 43227 LFX 43227 LSF 43227 LSX 43227 **Surface Treatment** None			
REFERENCE NO. ME018283	**REFERENCE NO.** ME997240 ME996566		**REFERENCE NO.** ME012234	**REFERENCE NO.** ME012900			

128

4D34T — 3907 cc — 4 cyl.



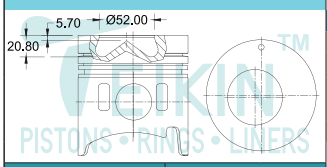
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.090 mm MP: 27.00 mm

Ø 104.00							
CD 62.20 -20.6 TL 112.20	1 - 2.8 FK 1 - 2.0 1 - 4.0	Ø 36.000 TL 88.00		TL OD FT 4.0 FD	200.0 108.0 113.0	200.0 108.0	TEIKIN NO. LKFX 43605 LKSF 43605 LKSX 43605 LKFX 43605A LKSF 43605A LKSX 43605A
TEIKIN NO. 43605 43605A (43252)	**TEIKIN NO.** R 43170	**TEIKIN NO.** P 43608	**TEIKIN NO.** B 43293	**TEIKIN NO.** LFX 43170 LSF 43170 LSX 43170 **Surface Treatment** None			
REFERENCE NO. ME014160	**REFERENCE NO.** ME997240 ME996566		**REFERENCE NO.** ME013075	**REFERENCE NO.** ME013366			

129

4D32 LATE — 3567 cc — 4 cyl.

4D34 NEW



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 28.00 mm

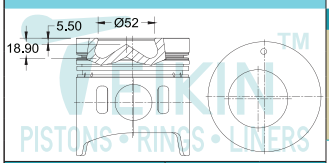
Ø 104.00							
CD 62.30 -20.8 TL 112.30	1 - 2.8 FK 1 - 2.0 1 - 4.0	Ø 34.000 TL 83.50		TL OD FT 4.0 FD	197.0 108.0 113.0 *DIMENSION	197.0 108.0 IS FOR LSF	TEIKIN NO. LKFF 43619 LKFX 43619 LKSF 43619 LKSX 43619 LKFF 43619A LKFX 43619A LKSF 43619A LKSX 43619A
TEIKIN NO. 43619 43619A (43260)	**TEIKIN NO.** R 43170	**TEIKIN NO.** P 39138	**TEIKIN NO.** B 43170	**TEIKIN NO.** LFF 43227 LFX 43227 LSF 43227 LSX 43227 **Surface Treatment** None			
REFERENCE NO. ME018277	**REFERENCE NO.** ME997240 ME996566		**REFERENCE NO.** ME012234	**REFERENCE NO.** ME012900			

130

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

4D32 NEW — 3567 cc — 4 cyl.

Ø 104.00	1 - 2.8 FK 1 - 2.0 1 - 4.0	Ø 34.000 TL 83.50		TL 197.0 OD 108.0 FT 4.0 FD 113.0 *DIMENSION	197.0 108.0 IS FOR LSF	TEIKIN NO. LKFF 43666 LKFX 43666 LKSF 43666 LKSX 43666 LKFF 43666A LKFX 43666A LKSF 43666A LKSX 43666A
CD 60.70 -18.9 TL 110.70						
TEIKIN NO. 43666 43666A	TEIKIN NO. R 43170	TEIKIN NO. P 39138	TEIKIN NO. B 43170	TEIKIN NO. LFF 43227 LFX 43227 LSF 43227 LSX 43227 Surface Treatment None		
REFERENCE NO. ME018274	REFERENCE NO. ME997240 ME996566		REFERENCE NO. ME012234	REFERENCE NO. ME012900		

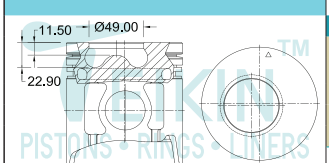


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 27.00 mm

131

4D34T NEW — 3907 cc — 4 cyl.
HYUNDAI D4DB

Ø 104.00	1 - 2.8 FK 1 - 2.0 1 - 4.0	Ø 36.000 TL 88.00		TL 200.0 OD 108.0 FT 4.0 FD 113.0	200.0 108.0	TEIKIN NO. LKSF 43293 LKSX 43293 LKSF 43293A LKSX 43293A LKSF 43293AG LKSX 43293AG
CD 62.20 -22.9 TL 112.10						
TEIKIN NO. 43293 43293A 43293AG	TEIKIN NO. R 43170	TEIKIN NO. P 43608	TEIKIN NO. B 43293	TEIKIN NO. LSF 43170 LSX 43170 Surface Treatment None		
REFERENCE NO. ME220470 ME011143 23411-45700	REFERENCE NO. ME997240 ME996566		REFERENCE NO. ME013075	REFERENCE NO. ME013366		

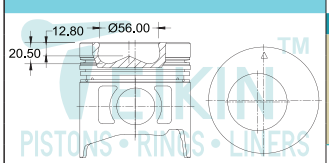


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.140 mm MP: 27.00 mm

132

4D34T-II — 3907 cc — 4 cyl.

Ø 104.00	1 - 2.8 FK 1 - 2.0 1 - 4.0	Ø 36.000 TL 88.00		TL 200.0 OD 108.0 FT 4.0 FD 113.0	200.0 108.0	TEIKIN NO. LKFX 43693A LKSF 43693A LKSX 43693A
CD 62.20 -20.5 TL 112.20						
TEIKIN NO. 43693A	TEIKIN NO. R 43170	TEIKIN NO. P 43608	TEIKIN NO. B 43293	TEIKIN NO. LFX 43170 LSF 43170 LSX 43170 Surface Treatment None		
REFERENCE NO. ME013325	REFERENCE NO. ME997240 ME996566		REFERENCE NO. ME013075	REFERENCE NO. ME013366		

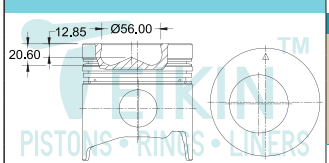


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 27.00 mm

133

6D34T — 5861 cc — 6 cyl.

Ø 104.00	1 - 2.8 FK 1 - 2.0 1 - 4.0	Ø 36.000 TL 88.00		TL 200.0 OD 108.0 FT 4.0 FD 113.0	200.0 108.0	TEIKIN NO. LKSX 43605-6 LKSX 43605A-6
CD 62.20 -20.6 TL 112.20						
TEIKIN NO. 43605-6 43605A-6	TEIKIN NO. R 43605-6	TEIKIN NO. P 43608	TEIKIN NO. B 43605-6	TEIKIN NO. LSX 43605-6 Surface Treatment None		
REFERENCE NO. ME014160	REFERENCE NO. ME996442		REFERENCE NO.	REFERENCE NO. ME012900 ME013366		



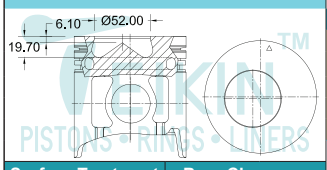
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.090 mm MP: 27.00 mm

134

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

6D34.2AT — 5861 cc — 6 cyl.
6D34.3AT

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 104.00	1 - 3.0 FK	Ø 36.000		TL	200.0	200.0	TEIKIN NO.
	1 - 2.0	TL 88.00		OD	108.0	108.0	LKSF 43701AG
CD 62.20				FT	4.0		LKSX 43701AG
-19.7	1 - 4.0			FD	113.0		
TL 112.20							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
43701AG	R 43605-6	P 43608	B 43605-6	LSF 43605-6 LSX 43605-6			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
ME220454	ME996442			ME012900 ME013366			

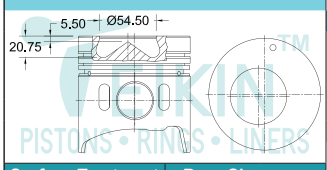


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.120 mm MP: 20.00 mm

135

4D33 — 4214 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 108.00	1 - 3.0	Ø 34.000		TL	205.0	200.0	TEIKIN NO.
	1 - 2.0	TL 83.50		OD	112.0	112.0	LKFX 43244
CD 62.20				FT	5.0		LKSF 43244
-20.7	1 - 4.0			FD	117.0		LKSX 43244
TL 112.20							LKFX 43244A
							LKSF 43244A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			LKSX 43244A
43244 43244A	R 43244	P 39138	B 43170	LFX 43244 LSF 43244 LSX 43244			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
ME016895 ME018280	ME999871 ME996378		ME012234	ME013333			

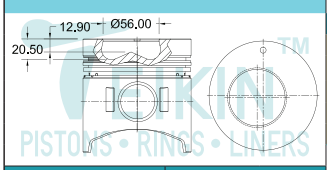


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 27.00 mm

136

4D33-III — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 108.00	1 - 3.0	Ø 34.000		TL	205.0	200.0	TEIKIN NO.
	1 - 2.0	TL 83.50		OD	112.0	112.0	LKFX 43299A
CD 62.10				FT	5.0		LKSF 43299A
-20.5	1 - 4.0			FD	117.0		LKSX 43299A
TL 112.10							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
43299A	R 43244	P 39138	B 43170	LFX 43244 LSF 43244 LSX 43244			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
ME012897 ME013312	ME999871 ME996378		ME012234	ME013333			

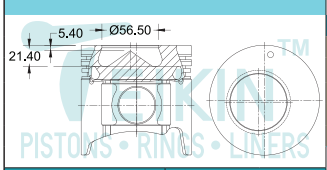


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 26.50 mm

137

4D35 — 4561 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 110.00	1 - 3.0	Ø 36.000		TL	205.0	200.0	TEIKIN NO.
	1 - 2.5	TL 88.00		OD	114.0	114.0	LKFX 43608
CD 59.80				FT	5.0		LKSF 43608
-21.4	1 - 4.0			FD	119.0		LKSX 43608
TL 109.60							LKFX 43608A
							LKSF 43608A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			LKSX 43608A
43608 43608A 43608AG (43237)	R 43608	P 43608	B 43293	LFX 43608 LSF 43608 LSX 43608			LKFX 43608AG
				Surface Treatment: None			LKSF 43608AG
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			LKSX 43608AG
ME018825 ME012941	ME996628		ME013075	ME013678			



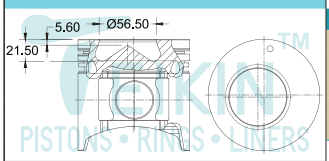
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 26.50 mm

138

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

4D35 / 4D35T — 4561 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 110.00	1 - 3.0	Ø 36.000		TL	205.0	200.0	TEIKIN NO.
	1 - 2.0	TL 88.00		OD	114.0	114.0	LKFX 43691AG
CD 59.70				FT	5.0		LKSF 43691AG
-21.5	1 - 4.0			FD	119.0		LKSX 43691AG
TL 109.60							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
43691AG	R 43691	P 43608	B 43293		LFX 43608 LSF 43608 LSX 43608		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
ME014693	ME995214		ME013075		ME013678		



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 26.50 mm

139

6D14 — 6557 cc — 6 cyl.

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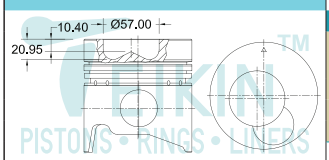
PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 110.00	1 - 3.0 HK	Ø 38.000		TL	206.0		TEIKIN NO.
	1 - 2.5	TL 90.00		OD	121.95		LKFF 43102
CD 71.10				FT	10.0 + 1.4		LKSF 43102
-20.9	1 - 5.0			FD	130.65		LKFF 43102A
TL 116.10							LKSF 43102A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
43102 43102A	R 43102	P 43102	B 43102		LFF 43102 LSF 43102		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
ME032626 ME033908 ME032216/98 ME032619/21	ME032071/260 ME032404/58 ME033904 ME997423/39		ME032014 ME032015 ME033943		ME031453/63 ME031508/10 ME031617/18 ME071174/98		

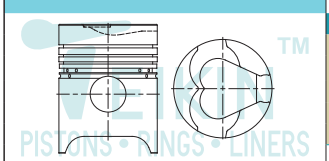


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.130 mm MP: 22.00 mm

140

6DB NEW — 8550 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 110.00	1 - 3.5	Ø 40.000		TL	270.0		TEIKIN NO.
	2 - 2.5	TL 95.00		OD	125.9		LKFF 43107
CD 77.50				FT	11.82		LKFF 43107A
-12.0	1 - 5.0			FD	134.5		
TL 152.50							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
43107 43107A	R 43107	P 43107	B 43107		LFF 43107		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
30017-82101 30017-90100 30017-93101	30017-71002/3 30017-73002 30017-75002/3		30019-20601		30007-62200 ME040040		

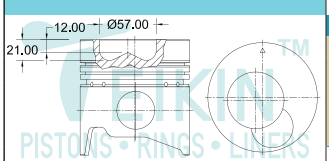


Surface Treatment	Bore Clearance
None	MRC: 0.100 mm MP: 37.00 mm

141

6D14.A — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 110.00	1 - 3.0 HK	Ø 38.000		TL	206.0		TEIKIN NO.
	1 - 2.5	TL 90.00		OD	121.95		LKFF 43289
CD 71.10				FT	10.0 + 1.4		LKSF 43289
-21.0	1 - 5.0			FD	130.65		
TL 116.10							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
43289	R 43102	P 43102	B 43102		LFF 43102 LSF 43102		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
ME032654 ME032656 ME033916	ME032071/260 ME032404/58 ME033904 ME997423/39		ME032014 ME032015 ME033943		ME031453/63 ME031508/10 ME031617/18 ME071174/98		



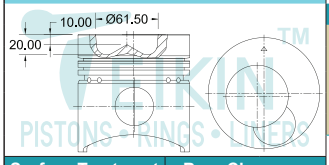
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.140 mm MP: 10.00 mm

142

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

6D14-T — 6557 cc — 6 cyl.

Ø 110.00	1 - 3.0 HK 1 - 2.5 1 - 5.0	Ø 38.000 TL 90.00		TL 206.0 OD 121.95 FT 10.0 + 1.4 FD 130.65	TEIKIN NO. LKFF 43615 LKSF 43615 LKFF 43615A LKSF 43615A
CD 71.10 -20.0 TL 116.10					
TEIKIN NO. 43615 43615A (43253)	**TEIKIN NO.** R 43102	**TEIKIN NO.** P 43102	**TEIKIN NO.** B 43102	**TEIKIN NO.** LFF 43102 LSF 43102 **Surface Treatment** None	
REFERENCE NO. ME032569	**REFERENCE NO.** ME032071/260 ME032404/58 ME033904 ME997423/39		**REFERENCE NO.** ME032014 ME032015 ME033943	**REFERENCE NO.** ME031453/63 ME031508/10 ME031617/18 ME071174/98	

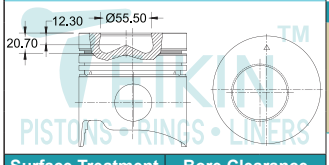


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.120 mm MP: 10.00 mm

143

6D14-T.2A — 6557 cc — 6 cyl.

Ø 110.00	1 - 3.0 1 - 2.5 1 - 4.0	Ø 38.000 TL 90.00		TL 206.0 OD 121.95 FT 10.0 + 1.4 FD 130.65	TEIKIN NO. LKFF 43665A LKSF 43665A
CD 71.10 -20.7 TL 116.10					
TEIKIN NO. 43665A	**TEIKIN NO.** R 43665	**TEIKIN NO.** P 43102	**TEIKIN NO.** B 43223	**TEIKIN NO.** LFF 43102 LSF 43102 **Surface Treatment** None	
REFERENCE NO. ME072170 ME072064 ME072172	**REFERENCE NO.** ME999952 ME999927		**REFERENCE NO.** ME072128	**REFERENCE NO.** ME031453/63 ME031508/10 ME031617/18 ME071174/98	

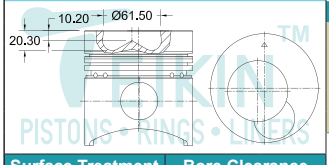


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.130 mm MP: 20.00 mm

144

6D14-T-II — 6557 cc — 6 cyl.

Ø 110.00	1 - 3.0 HK 1 - 2.5 1 - 5.0	Ø 38.000 TL 90.00		TL 206.0 OD 121.95 FT 10.0 + 1.4 FD 130.65	TEIKIN NO. LKFF 43668A LKSF 43668A
CD 71.20 -20.3 TL 116.10					
TEIKIN NO. 43668A	**TEIKIN NO.** R 43102	**TEIKIN NO.** P 43102	**TEIKIN NO.** B 43102	**TEIKIN NO.** LFF 43102 LSF 43102 **Surface Treatment** None	
REFERENCE NO. ME032742	**REFERENCE NO.** ME032071/260 ME032404/58 ME033904 ME997423/39		**REFERENCE NO.** ME032014 ME032015 ME033943	**REFERENCE NO.** ME031453/63 ME031508/10 ME031617/18 ME071174/98	

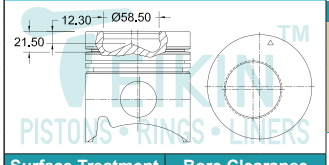


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.120 mm MP: 10.00 mm

145

6D14.3AT — 6557 cc — 6 cyl.

Ø 110.00	1 - 2.8 FK 1 - 2.5 1 - 4.0	Ø 38.000 TL 90.00		TL 210.0 OD 121.95 FT 10.0 + 1.4 FD 130.65	TEIKIN NO. LKFF 43684A
CD 71.10 -21.5 TL 116.10					
TEIKIN NO. 43684A	**TEIKIN NO.** R 43684	**TEIKIN NO.** P 43684	**TEIKIN NO.** B 43223	**TEIKIN NO.** LFF 43684 **Surface Treatment** None	
REFERENCE NO. ME072047	**REFERENCE NO.** ME997465		**REFERENCE NO.** ME072128	**REFERENCE NO.** ME071175 ME071199	



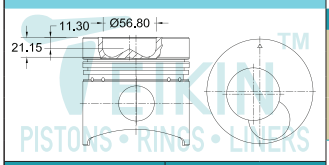
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.140 mm MP: 22.00 mm

146

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

6D15 — 6919 cc — 6 cyl.

Ø 113.00						
CD 71.10 / -21.2 / TL 116.10	1 - 3.0 HK / 1 - 2.5 / 1 - 5.0	Ø 38.000 / TL 90.00		TL 206.0 / OD 124.99 / FT 10.0 + 1.5 / FD 132.85		TEIKIN NO. LKFF 43104 LKFF 43104A
TEIKIN NO. 43104 43104A	TEIKIN NO. R 43104	TEIKIN NO. P 43102	TEIKIN NO. B 43102	TEIKIN NO. LFF 43104		
				Surface Treatment: None		
REFERENCE NO. ME032661 ME072033 ME072035 ME033934	REFERENCE NO. ME032403 ME072306		REFERENCE NO. ME032014 ME032015 ME033943	REFERENCE NO. ME031654 ME031656 ME071041 ME071063		

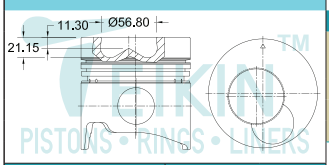


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.130 mm MP: 21.50 mm

147

6D15-II — 6919 cc — 6 cyl.

Ø 113.00						
CD 71.10 / -21.2 / TL 116.10	1 - 3.0 HK / 1 - 2.5 / 1 - 5.0	Ø 38.000 / TL 90.00		TL 211.0 / OD 125.0 / FT 10.0 + 1.5 / FD 132.8		TEIKIN NO. LKFF 43283 LKFF 43283A
TEIKIN NO. 43283 43283A	TEIKIN NO. R 43104	TEIKIN NO. P 43102	TEIKIN NO. B 43102	TEIKIN NO. LFF 43283		
				Surface Treatment: None		
REFERENCE NO. ME032870 ME032871	REFERENCE NO. ME032403 ME072306		REFERENCE NO. ME032014 ME032015 ME033943	REFERENCE NO. ME071062 ME071063 ME071064		

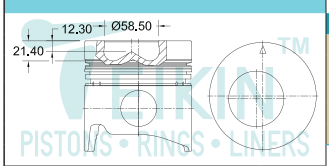


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.130 mm MP: 21.50 mm

148

6D15.3AT — 6919 cc — 6 cyl.

Ø 113.00						
CD 71.10 / -21.4 / TL 116.10	1 - 2.8 FK / 1 - 2.5 / 1 - 4.0	Ø 38.000 / TL 92.00		TL 206.0 / OD 116.99 / FT 8.0 + 1.5 / FD 125.0		TEIKIN NO. LKFF 43675A
TEIKIN NO. 43675A	TEIKIN NO. R 43675	TEIKIN NO. P 43675	TEIKIN NO. B 43223	TEIKIN NO. LFF 43675*		
				Surface Treatment: *Phosphate (PH)		
REFERENCE NO. ME072055	REFERENCE NO. ME997456 ME997466 ME999929 ME999954		REFERENCE NO. ME072128	REFERENCE NO. ME047574 ME071086/87 ME071088/89 ME071090/91/92		

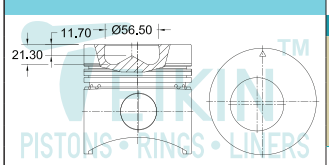


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.120 mm MP: 16.00 mm

149

6D15-III — 6919 cc — 6 cyl.

Ø 113.00						
CD 70.80 / -21.3 / TL 115.80	1 - 3.0 HK / 1 - 2.5 / 1 - 5.0	Ø 38.000 / TL 90.00		TL 206.0 / OD 124.99 / FT 10.0 + 1.5 / FD 132.85		TEIKIN NO. LKFF 43686A
TEIKIN NO. 43686A	TEIKIN NO. R 43104	TEIKIN NO. P 43684	TEIKIN NO. B 43102	TEIKIN NO. LFF 43104		
				Surface Treatment: None		
REFERENCE NO. ME032593 ME032480 ME032634 ME033963	REFERENCE NO. ME032403 ME072306		REFERENCE NO. ME032014 ME032015 ME033943	REFERENCE NO. ME031654 ME031656 ME071041		



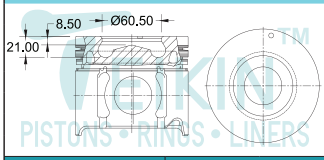
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.140 mm MP: 20.00 mm

150

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

4M50T — 4899 cc — 4 cyl.

Ø 114.00	1 - 3.0 FK	Ø 38.000		TL 199.0	199.0	TEIKIN NO.
	1 - 2.0	TL 92.50		OD 118.0	118.0	LKFF 43685AG
CD 59.10				FT 6.0 + 0.6		LKSF 43685AG
-21.0	1 - 4.0			FD 123.8		LKSX 43685AG
TL 99.10						
				*DIMENSION IS FOR LFF		



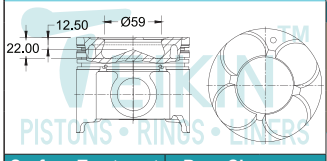
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43685AG	R 43685	P 43105	B 43685	LFF 43685 LSF 43685 LSX 43685
				Surface Treatment: *Phosphate (PH)
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
ME224532 ME224533 ME226782 ME226783	ME993913		ME221709	ME240319 ME240320 ME240321 ME240322

Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown	MRC: 0.190 mm MP: 15.00 mm

151

4M51T — 5249 cc — 4 cyl.

Ø 118.00	1 - 3.0	Ø 34.000		TL 195.0	190.0	TEIKIN NO.
	1 - 2.0	TL 84.00		OD 122.0	122.0	LKSF 43683
CD 59.10				FT 5.0		LKSX 43683
-22.0	1 - 4.0			FD 127.0		LKSF 43683A
TL 99.10						LKSX 43683A
						LKSF 43683AG
						LKSX 43683AG



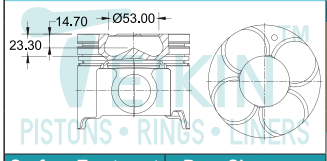
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43683 43683A 43683AG	R 43683	P 43683	B 43683	LSF 43674 LSX 43674
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
ME241686 ME241688	ME995591/2/3		ME012203 ME012249 ME012255 ME012257	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.120 mm MP: 17.00 mm

152

4M51 — 5249 cc — 4 cyl.

Ø 118.00	1 - 3.0	Ø 34.000		TL 195.0	190.0	TEIKIN NO.
	1 - 2.0	TL 83.50		OD 122.0	122.0	LKSF 43674A
CD 59.10				FT 5.0		LKSX 43674A
-23.3	1 - 3.0			FD 127.0		
TL 99.10						



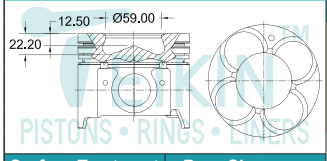
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43674A	R 43674	P 39138	B 43683	LSF 43674 LSX 43674
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
ME240047 ME240316	ME995113 ME995114 ME995115		ME012203 ME012249 ME012255 ME012257	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.120 mm MP: 14.50 mm

153

4M51-II — 5249 cc — 4 cyl.

Ø 118.00	1 - 3.0	Ø 34.000		TL 195.0	190.0	TEIKIN NO.
	1 - 2.0	TL 84.00		OD 122.0	122.0	LKSF 43711A
CD 59.10				FT 5.0		LKSX 43711A
-22.2	1 - 4.0			FD 127.0		
TL 99.10						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43711A	R 43683	P 51607	B 43683	LSF 43674 LSX 43674
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
ME241684	ME995591/2/3		ME012203 ME012249 ME012255 ME012257	

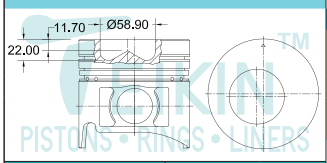
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.120 mm MP: 27.00 mm

154

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

6D16 — 7545 cc — 6 cyl.

Ø 118.00	1 - 3.0 1 - 2.5 1 - 4.0	Ø 38.000 TL 92.50		TL 205.0 OD 122.0 FT 8.0 FD 128.0	TEIKIN NO. LKFF 43105 LKSF 43105 LKFF 43105A LKSF 43105A
CD 71.10 -22.0 TL 116.10					



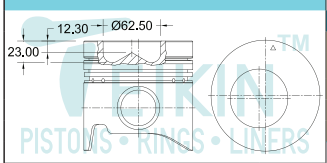
TEIKIN NO. 43105 43105A	TEIKIN NO. R 43105	TEIKIN NO. P 43105	TEIKIN NO. B 43105	TEIKIN NO. LFF 43105* LSF 43105 Surface Treatment *Phosphate (PH)	
REFERENCE NO. ME072062	REFERENCE NO. ME999540 ME999955		REFERENCE NO. ME035380 ME035381 ME072126	REFERENCE NO. ME071224 ME071225 ME071226/7/8 ME071230	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 20.10 mm

155

6D16-T — 7545 cc — 6 cyl.

Ø 118.00	1 - 2.8 FK 1 - 2.5 1 - 4.0	Ø 38.000 TL 92.50		TL 206.0 OD 122.0 FT 8.0 + 1.5 FD 128.0	TEIKIN NO. LKFF 43223 LKSF 43223 LKFF 43223A LKSF 43223A
CD 71.10 -23.0 TL 116.10					



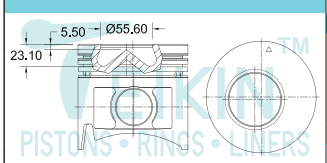
TEIKIN NO. 43223 43223A	TEIKIN NO. R 43223	TEIKIN NO. P 43105	TEIKIN NO. B 43223	TEIKIN NO. LFF 43223* LSF 43223 Surface Treatment *Phosphate (PH)	
REFERENCE NO. ME072065	REFERENCE NO. ME996591 ME997467 ME997999 ME999549		REFERENCE NO. ME072128	REFERENCE NO. ME041102 ME041105 ME041107	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.120 mm MP: 22.00 mm

156

6D17-1A — 8201 cc — 6 cyl.

Ø 118.00	1 - 3.0 1 - 2.5 1 - 4.0	Ø 38.000 TL 92.50		TL 209.0 OD 122.0 FT 8.0 FD 127.9	TEIKIN NO. LKFF 43267 LKFF 43267A
CD 66.10 -23.1 TL 111.10					



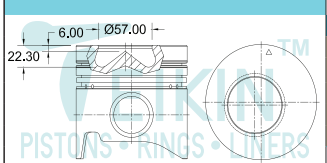
TEIKIN NO. 43267 43267A	TEIKIN NO. R 43105	TEIKIN NO. P 43105	TEIKIN NO. B 43223	TEIKIN NO. LFF 43267* Surface Treatment *Phosphate (PH)	
REFERENCE NO. ME072576	REFERENCE NO. ME999540 ME999955		REFERENCE NO. ME072128	REFERENCE NO. ME071125 ME071537 ME071538 ME071543 ME071937	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 19.00 mm

157

6D16-1AT2 — 7545 cc — 6 cyl.

Ø 118.00	1 - 3.0 FK 1 - 2.5 1 - 4.0	Ø 38.000 TL 92.50			
CD 71.10 -22.3 TL 116.10					



TEIKIN NO. 43265A		TEIKIN NO. P 43105			
REFERENCE NO. ME072316					

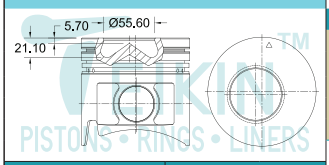
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.120 mm MP: 22.00 mm

158

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

6D16-2A — 7545 cc — 6 cyl.

Ø 118.00	1 - 3.0	Ø 38.000				
	1 - 2.5	TL 92.50				
CD 71.10						
-21.1	1 - 4.0					
TL 116.00						
TEIKIN NO.		**TEIKIN NO.**				
43266A		**P 43105**				
REFERENCE NO.						
ME072574						

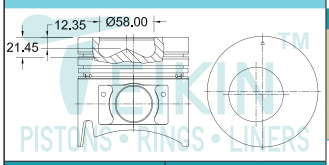


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 19.00 mm

159

6D16-1A — 7545 cc — 6 cyl.

Ø 118.00	1 - 3.0	Ø 38.000				
	1 - 2.5	TL 92.50				
CD 71.10						
-21.5	1 - 4.0					
TL 116.10						
TEIKIN NO.		**TEIKIN NO.**				
43268A		**P 43105**				
REFERENCE NO.						
ME072326						



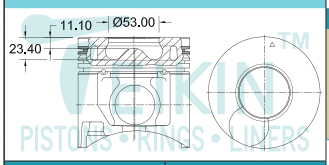
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 20.10 mm

160

6M60 — 7545 cc — 6 cyl.

FUSO FIGHTER FN 62 F
(2017 - PRESENT)

Ø 118.00	1 - 2.8 FK	Ø 42.000		TL 210.5	TEIKIN NO.
	1 - 2.5	TL 93.00		OD 122.0	LKFF 43305AG
CD 71.00				FT 8.0 + 1.5	
-23.4	1 - 4.0			FD 127.9	
TL 116.00					
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**	
43305AG	**R 43223**	**P 43305**	**B 43305**	**LFF 43305**	
				Surface Treatment	
				None	
REFERENCE NO.	**REFERENCE NO.**		**REFERENCE NO.**	**REFERENCE NO.**	
ME133275	ME996591		ME130950	ME071940	
ME133276	ME997467			ME302325	
ME133274	ME997999				
	ME999549				

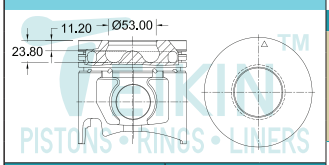


Surface Treatment	Bore Clearance
Tin Coated Anodized Crown	MRC: 0.080 mm MP: 20.00 mm

161

6M61 — 8201 cc — 6 cyl.

Ø 118.00	1 - 3.0	Ø 38.000		TL 209.0	TEIKIN NO.
	1 - 2.0	TL 93.00		OD 122.0	LKFF 43695AG
CD 66.10				FT 8.0	
-23.8	1 - 4.0			FD 127.9	
TL 111.20					
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**	
43695AG	**R 43695**	**P 43695**	**B 43223**	**LFF 43267***	
				Surface Treatment	
				*Phosphate (PH)	
REFERENCE NO.	**REFERENCE NO.**		**REFERENCE NO.**	**REFERENCE NO.**	
ME131937	ME995562		ME072128	ME071125	
	ME995568			ME071537	
				ME071538	
				ME071543	

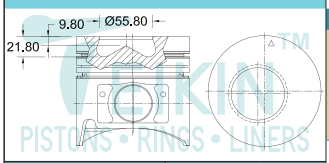


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 20.00 mm

162

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

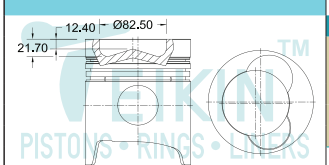
6D16-III — 7545 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 118.00 CD 71.10 -21.8 TL 116.10	1 - 3.0 1 - 2.5 1 - 4.0	Ø 38.000 TL 92.00		TL 206.0 OD 122.0 FT 8.0 + 1.5 FD 128.0 *DIMENSION IS FOR LSF		TEIKIN NO. LKFF 43712A LKSF 43712A
						
TEIKIN NO. 43712A	TEIKIN NO. R 43105	TEIKIN NO. P 43675	TEIKIN NO. B 43223	TEIKIN NO. LFF 43223 LSF 43223 Surface Treatment *Phosphate (PH)		
REFERENCE NO. ME072445	REFERENCE NO. ME999540 ME999955		REFERENCE NO. ME072128	REFERENCE NO. ME041102 ME041105 ME041107		

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.090 mm MP: 21.00 mm

163

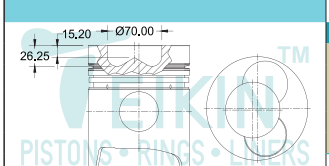
6D22-T — 11149 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 130.00 CD 83.10 -21.7 TL 158.10	1 - 3.5 FK 1 - 3.0 1 - 4.0	Ø 50.000 TL 105.00				
						
TEIKIN NO. 43274 43274A		TEIKIN NO. P 43274				
REFERENCE NO. ME052540						

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.180 mm MP: 39.50 mm

164

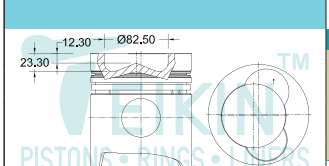
6D22 — 11149 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 130.00 CD 82.90 -26.3 TL 158.00	1 - 3.5 FK 1 - 3.0 1 - 6.0	Ø 50.000 TL 105.00		TL 262.0 OD 147.0 FT 11.5 + 1.8 FD 156.0		TEIKIN NO. LKFF 43614 LKFF 43614A
						
TEIKIN NO. 43614 43614A (43251)	TEIKIN NO. R 43614	TEIKIN NO. P 43274	TEIKIN NO. B 43614	TEIKIN NO. LFF 43614 Surface Treatment None		
REFERENCE NO. ME052447 ME052448 ME052449	REFERENCE NO. ME052124 ME052787 30917-20010		REFERENCE NO. ME052158/9 ME052603/60 30319-00600 30319-00690	REFERENCE NO. ME051217 ME051500 ME051501 ME051502		

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.180 mm MP: 39.50 mm

165

6D22-T-II — 11149 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 130.00 CD 83.10 -23.3 TL 158.20	1 - 3.5 FK 1 - 3.0 1 - 6.0	Ø 50.000 TL 105.00		TL 262.0 OD 147.0 FT 11.5 + 1.8 FD 156.0		TEIKIN NO. LKFF 43699A
						
TEIKIN NO. 43699A	TEIKIN NO. R 43614	TEIKIN NO. P 39624	TEIKIN NO. B 43614	TEIKIN NO. LFF 43614 Surface Treatment None		
REFERENCE NO. ME052665	REFERENCE NO. ME052124 ME052787 30917-20010		REFERENCE NO. ME052158/9 ME052603/60 30319-00600 30319-00690	REFERENCE NO. ME051217 ME051500 ME051501 ME051502		

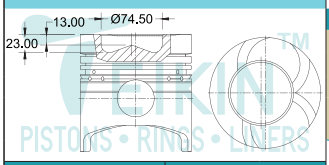
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.190 mm MP: 39.50 mm

166

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

8DC8 — 14886 cc — 8 cyl.

Ø 135.00							TEIKIN NO.
CD 78.00 / -23.0 / TL 142.80	1 - 4.0 HK / 1 - 3.0 / 1 - 6.0	Ø 45.000 / TL 108.00		TL 229.3 / OD 154.0 / FT 11.8 + 1.0 / FD 163.0			LKFF 43618 / LKFF 43618A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
43618 / 43618A / (43259)	R 43618	P 43618	B 43618	LFF 43618			
				Surface Treatment: Chromed O.D.			
REFERENCE NO. ME062287	REFERENCE NO. ME062086 / 31217-60012		REFERENCE NO. 31219-70600	REFERENCE NO. 31207-72183			

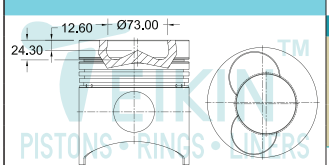


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.170 mm MP: 18.00 mm

167

8DC91-T — 16031 cc — 8 cyl.

Ø 135.00							TEIKIN NO.
CD 88.10 / -24.3 / TL 153.00	1 - 3.5 FK / 2 - 3.0 / 1 - 4.0	Ø 50.000 / TL 111.50		TL 260.0 / OD 154.0 / FT 11.8 + 1.2 / FD 163.0			LKFF 43275A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
43275A	R 43275	P 43275	B 43275	LFF 43275			
				Surface Treatment: Chromed O.D.			
REFERENCE NO. ME090163 / ME091048	REFERENCE NO. ME090578		REFERENCE NO. ME062310 / 31219-34300 / 31219-34390	REFERENCE NO. ME061782			

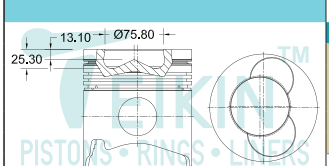


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.120 mm MP: 34.25 mm

168

8DC11 — 16752 cc — 8 cyl.

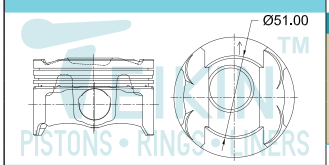
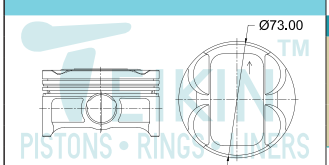
Ø 142.00							TEIKIN NO.
CD 88.10 / -25.3 / TL 153.10	1 - 3.3 HK / 2 - 3.0 / 1 - 4.0	Ø 50.000 / TL 112.00		TL 259.5 / OD 154.0 / FT 201.3 + 1.7 / FD 163.0			LKFF 43659A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
43659A	R 43659	P 43659	B 43275	LFF 43659			
				Surface Treatment: Chromed O.D.			
REFERENCE NO. ME091050	REFERENCE NO. 30617-50111 / ME090586 / ME999990		REFERENCE NO. ME062310 / 31219-34300 / 31219-34390	REFERENCE NO. ME060439 / ME060440 / ME060441			



Surface Treatment	Bore Clearance
	MRC: 0.190 mm MP: 40.00 mm

169

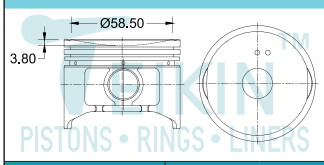
TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
LYX HS RX5 **4 cyl.**	**Ø 74.00** CD 27.55 +0.9 TL 47.35	2 - 1.2 1 - 2.0	Ø 19.000 TL 47.00				
	**TEIKIN NO.** **87001**	**TEIKIN NO.** **R 87001**	**TEIKIN NO.** **P 44609**				
Surface Treatment Moly Skirt Anodized Crown 1st Ring Anodized	**Bore Clearance** MRC: 0.030 mm MP: 8.00 mm	**REFERENCE NO.** 10429447	**REFERENCE NO.**				1
15S4C 3 5 ZS GT **4 cyl.**	**Ø 75.00** CD 24.80 +0.8 TL 43.65	2 - 1.0 1 - 2.0	Ø 17.955 TL 45.00				
	**TEIKIN NO.** **87002**	**TEIKIN NO.** **R 87002**	**TEIKIN NO.** **P 87002**				
Surface Treatment Moly Skirt Anodized Crown 1st Ring Anodized	**Bore Clearance** MRC: 0.030 mm MP: 7.00 mm	**REFERENCE NO.** 10445747	**REFERENCE NO.**				2

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

MA10 — 987 cc — 4 cyl.

Ø 68.00	2 - 1.5	Ø 17.000
		TL 58.00
CD 26.50		
-3.8	1 - 2.8	
TL 52.50		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44600 (44304)	R 44600	P 44600

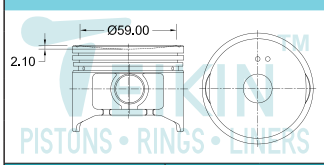
REFERENCE NO.	REFERENCE NO.
12010-01B01/2/3 12010-24B02	12033-01B00/5/10/11 12033-22B00 12033-23B00 12035-01B05/10

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 12.00 mm

1

MA10-II — 987 cc — 4 cyl.

Ø 68.00	2 - 1.5	Ø 17.000
		TL 58.00
CD 26.50		
-2.1	1 - 2.8	
TL 52.50		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44650 (44319)	R 44600	P 44600

REFERENCE NO.	REFERENCE NO.
12010-10B06	12033-01B00/5/10/11 12033-22B00 12033-23B00 12035-01B05/10

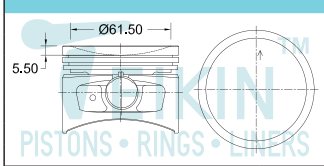
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 10.00 mm

2

CG13DE — 1275 cc — 4 cyl.

MICRA, MARCH
1993-2002
DOHC

Ø 71.00	1 - 1.2 1 - 1.5	Ø 18.000 TL 53.00
CD 28.00		
-5.5	1 - 3.0	
TL 52.10		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44326	R 44326	P 46332

REFERENCE NO.	REFERENCE NO.
12010-99B15	

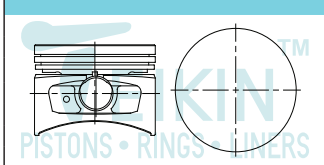
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 11.30 mm

3

CG10DE — 998 cc — 4 cyl.

MICRA, MARCH
1993-2002
DOHC

Ø 71.00	1 - 1.2 1 - 1.5	Ø 18.000 TL 53.00
CD 28.00		
	1 - 3.0	
TL 52.10		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44327	R 44687	P 46332

REFERENCE NO.	REFERENCE NO.
12010-99B20 12010-99B21 12010-99B72	12033-41B00 12033-41B01 12035-41B00 12035-41B01

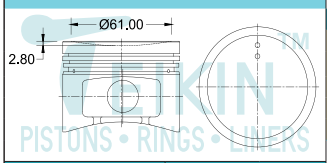
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 11.30 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

GA13 — 1295 cc — 4 cyl.

PISTON SET	RINGS	PIN
Ø 71.00	2 - 1.5	Ø 19.000
		TL 47.00
CD 32.60		
-2.8	1 - 2.8	
TL 53.60		
TEIKIN NO. 44609 (44301)	**TEIKIN NO.** R 44609	**TEIKIN NO.** P 44609
REFERENCE NO. A2010-72Y00/01, A2010-50Y00, A2010-50Y60	**REFERENCE NO.** 12033-05B05/10/11, 12033-50Y00, 12033-72Y00, 12035-05B05/10	

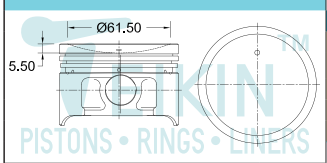


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 6.85 mm

5

CG13DE-II — 1275 cc — 4 cyl.

PISTON SET	RINGS	PIN
Ø 71.00	1 - 1.2 1 - 1.5	Ø 18.000 TL 58.00
CD 28.00		
-5.5	1 - 3.0	
TL 49.50		
TEIKIN NO. 44687	**TEIKIN NO.** R 44687	**TEIKIN NO.** P 46603
REFERENCE NO. 12010-41B01, 12010-44B00	**REFERENCE NO.** 12033-41B00, 12033-41B01, 12035-41B00, 12035-41B01	



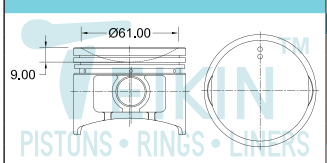
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 8.50 mm

6

MA12S — 1235 cc — 4 cyl.

MICRA
K10
(86-88)
SOHC 8V

PISTON SET	RINGS	PIN
Ø 71.00	2 - 1.5	Ø 17.000 TL 58.00
CD 28.50		
-9.0	1 - 2.8	
TL 54.70		
TEIKIN NO. 44704	**TEIKIN NO.** R 44609	**TEIKIN NO.** P 44600
REFERENCE NO. 12010-18B65/71/72, 12010-05B01/01/02/03, 12010-05B04/05/06, 12010-18B02/03/61, 12010-18B62/63/64	**REFERENCE NO.** 12033-05B05/10/11, 12033-50Y00, 12033-72Y00, 12035-05B05/10	



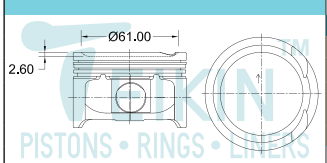
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 12.00 mm

7

CR12DE — 997 cc — 4 cyl.

MICRA
K12E
(05-)
DOHC 16V

PISTON SET	RINGS	PIN
Ø 71.00	2 - 1.2	Ø 18.000 TL 48.00
CD 28.40		
-2.6	1 - 2.0	
TL 47.20		
TEIKIN NO. 44705	**TEIKIN NO.** R 44705	**TEIKIN NO.** P 44705
REFERENCE NO. 12010-BX010, 12010-BX011, 12010-BX012, 12010-BX070	**REFERENCE NO.** 12033-BX000, 12035-BX000	



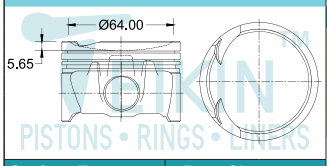
Surface Treatment	Bore Clearance
Tin Coated Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 8.00 mm

8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

HR10DET — 999 cc — 3 cyl.
ALMERA 2019

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 72.20	1 - 1.2	Ø 20.000				
	1 - 1.0	TL 43.00				
CD 31.60						
-5.7	1 - 2.0					
TL 49.10						
TEIKIN NO.		TEIKIN NO.				
44372		P 45157				
REFERENCE NO.						
A2010-5EK0A						

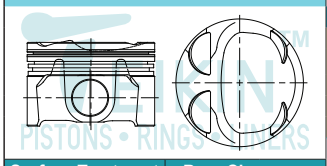


Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 8.00 mm

9

HRA2DDT — 4 cyl.
QASHQAI (2013-2019)
JUKE (2014-2018)
PULSAR (2014-)

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 72.20	1 - 1.2	Ø 19.990				
	1 - 1.5	TL 50.00				
CD 31.30						
+1.1	1 - 2.0					
TL 48.40						
TEIKIN NO.		TEIKIN NO.				
44369A	R 44369	P 44358				
REFERENCE NO.	REFERENCE NO.					
12000-00Q3E 120A17936R	A2033-00Q0E					

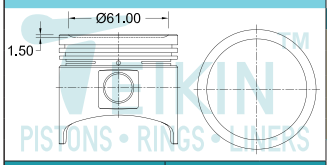


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 4.50 mm

10

A12 1970 — 1237 cc — 4 cyl.
SUNNY, CHERRY PE 10
PULSAR 1200TS

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 73.00	2 - 2.0	Ø 17.450		TL 122.0		TEIKIN NO.
		TL 65.50		OD 77.0		LKSX 44102
CD 32.60						
-1.5	1 - 4.0					
TL 67.40						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
44102	R 44102	P 44256		LSX 44102		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		
12010-H1001 12010-H1011 12010-H1061	12033-A6200 12033-B3040 12033-H6200/1/11 13035-H6200/1			11012-H1000 11012-H1011		

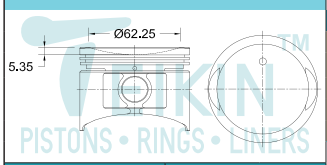


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.10 mm

11

E10S, E10 — 980 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 73.00	2 - 1.5	Ø 17.450				
		TL 62.00				
CD 28.00						
-5.4	1 - 4.0					
TL 57.00						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
44122	R 44122	P 44122				
REFERENCE NO.	REFERENCE NO.					
12010-41M02	12033-41M01/02 12033-60M00 12034-60M00 12035-41M01/2					



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.50 mm

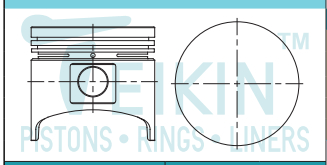
12

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

A10 — 988 cc — 4 cyl.

DATSUN 1000

Ø 73.00	2 - 2.0	Ø 17.450		TL 122.0	TEIKIN NO.
CD 32.50	1 - 4.0	TL 65.50		OD 77.0	LKSX 44256
TL 67.20					



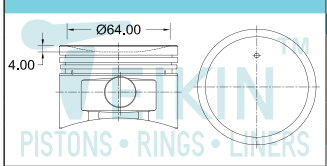
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44256	R 44102	P 44256		LSX 44102
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-18021 12010-H2301 12010-H2361/62 12010-H2364 12010-H2366	12033-A6200 12033-B3040 12033-H6200/1/11 13035-H6200/1			11012-H1000 11012-H1011

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.00 mm

13

GA15DS-II — 1497 cc — 4 cyl.

Ø 73.60	2 - 1.5	Ø 19.000			
CD 29.50	1 - 2.8	TL 50.00			
-4.0					
TL 52.50					



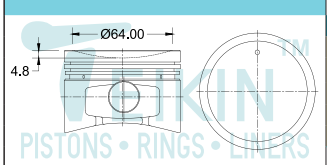
TEIKIN NO.		TEIKIN NO.		
44337		P 48205		
REFERENCE NO.				
12010-77A61				

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 7.50 mm

14

GA15DS — 1497 cc — 4 cyl.

Ø 73.60	2 - 1.5	Ø 19.000			
CD 29.50	1 - 2.8	TL 50.00			
-4.8					
TL 51.90					



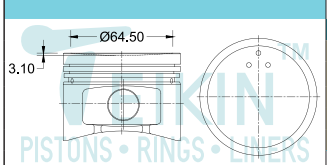
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
44610 (44302)	R 44610	P 48205		
REFERENCE NO.	REFERENCE NO.			
A2010-53Y00 A2010-53Y01	12033-53Y00 12033-87A00/10/11 12036-87A10/11 12038-87A10/11			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 7.50 mm

15

GA14DS — 1392 cc — 4 cyl.

Ø 73.60	2 - 1.5	Ø 19.000		TL 140.0	TEIKIN NO.
CD 32.50	1 - 2.8	TL 50.00		OD 77.6	LKSX 44614
-3.1					
TL 55.00					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44614 (44307)	R 44610	P 48205		LSX 44614
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-87A61	12033-53Y00 12033-87A00/10/11 12036-87A10/11 12038-87A10/11			

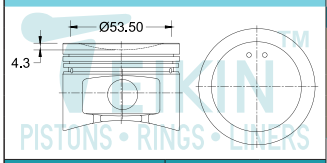
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 7.50 mm

16

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

GA14 — 1392 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 73.60	2 - 1.5	Ø 19.000		TL	140.0	TEIKIN NO.
CD 32.60		TL 50.00		OD	77.6	LKSX 44669
-4.3	1 - 2.8					
TL 55.00						
TEIKIN NO. 44669	TEIKIN NO. R 44610	TEIKIN NO. P 48205		TEIKIN NO. LSX 44614		
				Surface Treatment: None		
REFERENCE NO. A2010-73Y00	REFERENCE NO. 12033-53Y00, 12033-87A00/10/11, 12036-87A10/11, 12038-87A10/11			REFERENCE NO.		



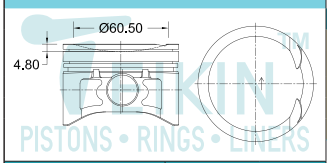
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 7.50 mm

17

QG15DE — 1497 cc — 4 cyl.

ALMERA
N16E
DOHC 16V
2002-

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 73.60	2 - 1.2	Ø 19.000				
CD 29.20		TL 49.00				
-4.8	1 - 2.5					
TL 51.60						
TEIKIN NO. 44677	TEIKIN NO. R 44677	TEIKIN NO. P 44677				
REFERENCE NO. A2010-BN900, A2010-BN901, A2010-BN902, A2010-BN972, A2010-BN974	REFERENCE NO. 12033-5M370, 12036-5M370, 12038-5M360					

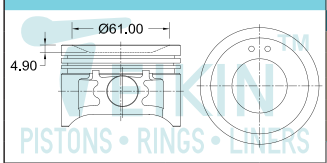


Surface Treatment	Bore Clearance
Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.00 mm

18

QG15 — 1497 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 73.60	2 - 1.5	Ø 18.990				
CD 29.10		TL 49.00				
-4.9	1 - 2.8					
TL 51.60						
TEIKIN NO. 44691	TEIKIN NO. R 44610	TEIKIN NO. P 44691				
REFERENCE NO. 12010-7M600	REFERENCE NO. 12033-53Y00, 12033-87A00/10/11, 12036-87A10/11, 12038-87A10/11					



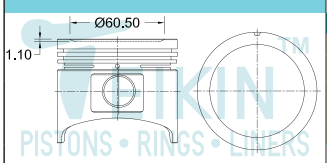
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 10.00 mm

19

A14S, A14 — 1397 cc — 4 cyl.

1978-81
SUNNY, CHERRY

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 76.00	2 - 2.0	Ø 19.000		TL	138.0	TEIKIN NO.
CD 32.50		TL 64.00		OD	80.0	LKSX 44109
-1.1	1 - 4.0					
TL 67.40						
TEIKIN NO. 44109	TEIKIN NO. R 44109	TEIKIN NO. P 43132		TEIKIN NO. LSX 44109		
				Surface Treatment: None		
REFERENCE NO. 12010-H7511, 12010-H7521/4/6, 12010-H7561/4/6, 12010-H7680/5	REFERENCE NO. 12033-H7200, 12033-H8660, 12033-H8900/10/20, 1233-H9910			REFERENCE NO. 11012-H7200, 11012-H7685, 11012-H9700, 11012-H9820		



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.00 mm

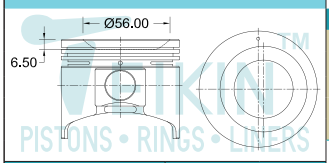
20

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

A15S, A15 — 1487 cc — 4 cyl.

1980 SUNNY CHERRY

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 76.00	1 - 1.2	Ø 19.000		TL		138.0	TEIKIN NO.
	1 - 2.0	TL 64.00		OD		80.0	LKSX 44114
CD 30.00							
-6.5	1 - 4.0						
TL 64.90							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44114	R 44114	P 43132		LSX 44109
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-G3421	12033-H7680			11012-H7200
12010-H9261	12033-H9800/10/20			11012-H7685
12010-G3411	12033-H9915/18			11012-H9700
12010-G3462	12035-H9810/20			11012-H9820

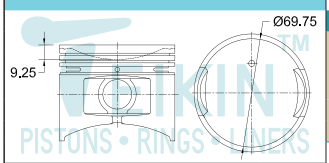
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 19.00 mm

21

E15S, E15 — 1487 cc — 4 cyl.

1981

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 76.00	2 - 1.5	Ø 19.000		TL		138.0	TEIKIN NO.
		TL 62.00		OD		80.0	LKSX 44125
CD 31.75							
-9.3	1 - 4.0						
TL 61.75							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44125	R 44125	P 44259		LSX 44125
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-11M02	12033-01M01/2/3/4			11012-11M00
12010-19M02	12033-01M10/12/13			11012-11M20
12010-11M12	12033-17M00/10			
12010-11M22	12033-61A00/01			
12010-19M22				

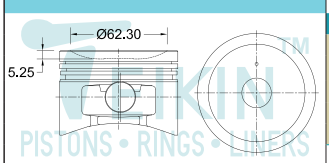
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.75 mm

22

GA16i, GA16DS — 1597 cc — 4 cyl.

PULSAR NX 12V
SENTRA NX 12V
1989-90
F.I., SOHC 12 V

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 76.00	2 - 1.5	Ø 19.000		TL		140.0	TEIKIN NO.
		TL 52.00		OD		80.0	LKSX 44258
CD 29.60							
-5.3	1 - 2.8						
TL 53.90							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44258	R 44258	P 44258		LSX 44258
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
A2010-74Y00	12033-57Y00/01			
A2010-74Y01	12033-84A11			
12010-54Y00	12033-94M00/1/2			
A2010-74Y02/ 8/ 9	12036-94M00/1/2			
12010-74Y00/ 1/ 2/ 8/ 9				

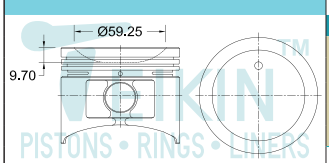
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 9.50 mm

23

E16i — 1597 cc — 4 cyl.

1987-88 PULSAR
1987-88 SENTRA
CARB, SOHC, 8 V

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 76.00	2 - 1.5	Ø 19.000		TL		140.0	TEIKIN NO.
		TL 62.00		OD		80.0	LKSX 44259
CD 32.60							
-9.7	1 - 4.0						
TL 62.60							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44259	R 44125	P 44259		LSX 44259
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-33M22	12033-01M01/2/3/4			
12010-31M02	12033-01M10/12/13			
12010-31M12	12033-17M00/10			
	12033-61A00/01			

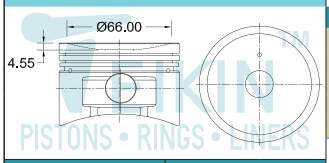
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 14.25 mm

24

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

GA16DE — 1597 cc — 4 cyl.

SENTRA
200SZ NX
F.I., DOHC 16V
1995-97



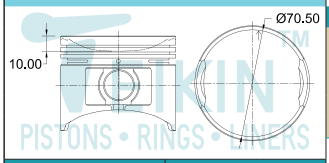
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 9.50 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 76.00 CD 29.50 -4.6 TL 53.80	2 - 1.5 1 - 2.8	Ø 19.000 TL 52.00			TL 140.0 OD 80.0		TEIKIN NO. LKSX 44260
TEIKIN NO. 44260	TEIKIN NO. R 44258	TEIKIN NO. P 44258			TEIKIN NO. LSX 44258 Surface Treatment None		
REFERENCE NO. A2010-74Y10 A2010-57Y00	REFERENCE NO. 12033-57Y00/01 12033-84A11 12033-94M00/1/2 12036-94M00/1/2				REFERENCE NO.		

25

E16 — 1597 cc — 4 cyl.

SENTRA 1.6 GEi, SGLi
SENTRA 1.6 GL, GLX, GXE
1987-1990



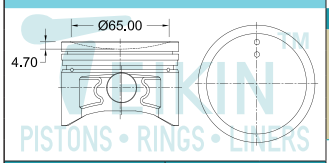
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.50 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 76.00 CD 32.50 -10.0 TL 62.45	2 - 1.5 1 - 4.0	Ø 19.000 TL 62.00					
TEIKIN NO. 44268		TEIKIN NO. P 44259					
REFERENCE NO. 12011B03G2							

26

GA16DE-II — 1597 cc — 4 cyl.

1995-97
SENTRA, 200SX
F.I., DOHC 4, 16 V

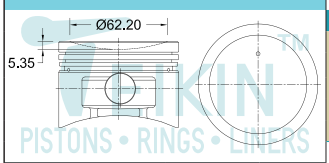


Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.020 mm MP: 12.00 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 76.00 CD 29.70 -4.7 TL 54.30	1 - 1.5 1 - 2.8	Ø 19.000 TL 52.00					
TEIKIN NO. 44270		TEIKIN NO. P 44258					
REFERENCE NO. A2010-0M210							

27

GA16DS-II, GA16S — 1596 cc — 4 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 9.50 mm

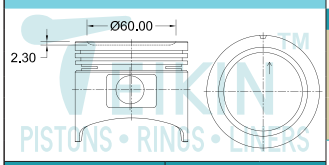
PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 76.00 CD 29.50 -5.4 TL 54.00	2 - 1.5 1 - 2.8	Ø 19.000 TL 52.00			TL 140.0 OD 80.0		TEIKIN NO. LKSX 44306
TEIKIN NO. 44306	TEIKIN NO. R 44258	TEIKIN NO. P 44258			TEIKIN NO. LSX 44258 Surface Treatment None		
REFERENCE NO. 12010-94M61 12010-84A61	REFERENCE NO. 12033-57Y00/01 12033-84A11 12033-94M00/1/2 12036-94M00/1/2				REFERENCE NO.		

28

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

A14-II — 1397 cc — 4 cyl.

Ø 76.00	2 - 2.0	Ø 19.000		TL 138.0		TEIKIN NO.
CD 32.50		TL 63.00		OD 80.0		LKSX 44322
-2.3	1 - 4.0					
TL 67.50						



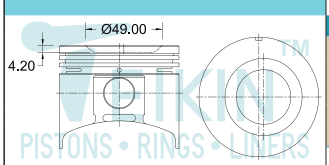
TEIKIN NO. 44322	TEIKIN NO. R 44109	TEIKIN NO. P 44322		TEIKIN NO. LSX 44109
				Surface Treatment: None

Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
Tin Coated	MRC: 0.030 mm MP: 20.00 mm	12010-H7201 12010-H7211 12010-H7711	12033-H7200 12033-H8660 12033-H8900/10/20 1233-H9910	11012-H7200 11012-H7685 11012-H9700 11012-H9820

29

A15-II — 4 cyl.

Ø 76.00	1 - 1.2 1 - 2.0	Ø 19.000 TL 62.00				
CD 30.00						
-4.2	1 - 4.0					
TL 65.00						



TEIKIN NO. 44324		TEIKIN NO. P 44259		

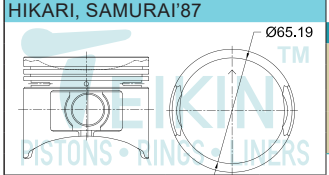
Surface Treatment	Bore Clearance	REFERENCE NO.
Tin Coated	MRC: 0.030 mm MP: 19.00 mm	12010-H9802

30

E16-T — 1597 cc — 4 cyl.

SENTRA 1.6 GEI, SGLI
SENTRA 1.6 GL, GLX, GXE
1987-1990
TSURU 94-04
HIKARI, SAMURAI'87

Ø 76.00	2 - 1.5	Ø 19.000 TL 62.00				
CD 32.50						
-8.0	1 - 4.0					
TL 62.45						



TEIKIN NO. 44329		TEIKIN NO. P 44259		

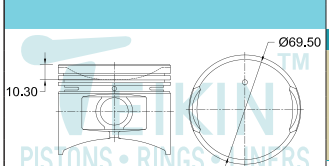
Surface Treatment	Bore Clearance	REFERENCE NO.
Tin Coated	MRC: 0.045 mm MP: 15.50 mm	12011B19GO

31

E15-III — 1487 cc — 4 cyl.

1981-

Ø 76.00	2 - 1.5	Ø 19.000 TL 62.00		TL 138.0 OD 80.0		TEIKIN NO. LKSX 44355
CD 32.50						
-10.3	1 - 4.0					
TL 62.40						



TEIKIN NO. 44355	TEIKIN NO. R 44125	TEIKIN NO. P 44259		TEIKIN NO. LSX 44125
				Surface Treatment: None

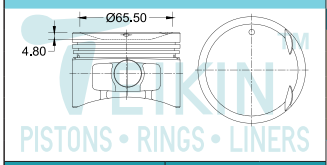
Surface Treatment	Bore Clearance	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
Tin Coated	MRC: 0.030 mm MP: 13.75 mm	12010-15M02 12010-15M22	12033-01M01/2/3/4 12033-01M10/12/13 12033-17M00/10 12033-61A00/01	11012-11M00 11012-11M20

32

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

QG16DE-II 1596 cc 4 cyl.

ALMERA (2006-2012)
PULSAR (1999-2011)
SUNNY (2008-2016)

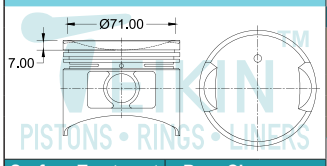


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 9.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 76.00 CD 29.20 -4.8 TL 53.40	2 - 1.5 1 - 2.8	Ø 18.990 TL 52.00				
TEIKIN NO. 44371	TEIKIN NO. 44258	TEIKIN NO. P 44333		TEIKIN NO. Surface Treatment None		
REFERENCE NO. A2010-8N700 A2010-BN701 A2010-8N702	REFERENCE NO. 12033-57Y00/01 12033-84A11 12033-94M00/1/2 12036-94M00/1/2			REFERENCE NO.		

33

E13 1270 cc 4 cyl.

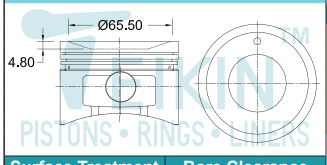


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 76.00 CD 32.50 -7.0 TL 62.50	2 - 1.5 1 - 4.0	Ø 19.000 TL 62.00		TL 140.0 OD 80.0		TEIKIN NO. LKSX 44611
TEIKIN NO. 44611 (44303)	TEIKIN NO. R 44125	TEIKIN NO. P 44259		TEIKIN NO. LSX 44259 Surface Treatment None		
REFERENCE NO. 12010-01M02 12010-01M12 12010-01M00 12010-01M22	REFERENCE NO. 12033-01M01/2/3/4 12033-01M10/12/13 12033-17M00/10 12033-61A00/01			REFERENCE NO.		

34

QG16 1597 cc 4 cyl.



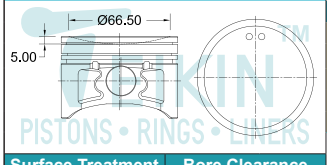
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 9.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 76.00 CD 29.10 -4.8 TL 53.60	2 - 1.5 1 - 2.8	Ø 19.000 TL 52.00		TL 140.0 OD 80.0		TEIKIN NO. LKSX 44688
TEIKIN NO. 44688	TEIKIN NO. R 44258	TEIKIN NO. P 44258		TEIKIN NO. LSX 44258 Surface Treatment None		
REFERENCE NO. 12010-D4011 A2010-8M510	REFERENCE NO. 12033-57Y00/01 12033-84A11 12033-94M00/1/2 12036-94M00/1/2			REFERENCE NO.		

35

QG16DE 1597 cc 4 cyl.

PRIMERA
P11E
2000-01
DOHC 16V



Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.030 mm MP: 10.00 mm

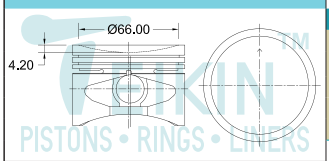
PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 76.00 CD 29.10 -5.0 TL 53.50	2 - 1.2 1 - 2.5	Ø 19.000 TL 52.00		TL 140.0 OD 80.0		TEIKIN NO. LKSX 44690
TEIKIN NO. 44690	TEIKIN NO. R 44121	TEIKIN NO. P 44258		TEIKIN NO. LSX 44258 Surface Treatment None		
REFERENCE NO. A2010-7J900/1/2 A2010-7J910/1/2 A2010-7J972/3/7/9	REFERENCE NO. 12033-01W60/1/2 12033-B3030 12033-B8200 12036-01W60/2			REFERENCE NO.		

36

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	LINER NO FLANGE	LINER KIT SET

GA16DE-III — 1596 cc — 4 cyl.
GA16DS

Ø 76.00	2 - 1.5	Ø 19.000		TL 140.0	TEIKIN NO.
CD 29.50		TL 55.00		OD 80.0	LKSX 44695
-4.2	1 - 3.0				
TL 54.00					



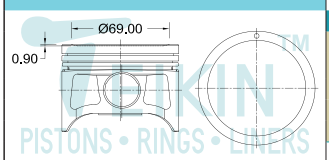
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44695	R 44695	P 44695		LSX 44258
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-71J00/1/2	12033-71J00/1			
12010-71J10/11/12	12036-71J00/1			
12010-71J13/14/15	12038-71J00/1			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 10.00 mm

37

VQ20 — 1998 cc — 6 cyl.

Ø 76.00	2 - 1.2	Ø 22.000			
CD 30.40		TL 48.00			
-0.9	1 - 2.5				
TL 58.20					



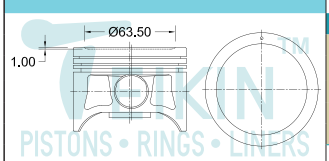
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
44689	R 44689	P 44689		
REFERENCE NO.	REFERENCE NO.			
12010-31U60	12033-31U00/1/10			
A2010-31U60	12033-3Y501/11			
	12035-31U00/1/10			
	12035-3Y501/11			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 10.50 mm

38

VQ20-II — 1995 cc — 6 cyl.

Ø 76.00	2 - 1.2	Ø 22.000			
CD 30.40		TL 48.00			
-1.0	1 - 2.5				
TL 58.10					



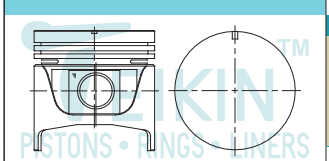
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
44693	R 44689	P 44693		
REFERENCE NO.	REFERENCE NO.			
A2010-1L000/1/2	12033-31U00/1/10			
A2010-1L071	12033-3Y501/11			
	12035-31U00/1/10			
	12035-3Y501/11			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 12.00 mm

39

J15, J16 — 1483 cc — 4 cyl.
1970 DATSUN N521, N620, GABLIGHTPA 312, HOMMERMILLER T20, CARAVAN SE20, DATSUN 1500

Ø 77.95	2 - 2.0	Ø 21.000		TL 140.0	TEIKIN NO.
CD 39.80		TL 66.00		OD 82.0	LKSX 44121
	1 - 4.0				
TL 79.20					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44121	R 44121	P 44121		LSX 44121
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-E3002	12033-01W60/1/2			11012-B5101
12010-01W02	12033-B3030			11012-B3000
12010-01W12	12033-B8200			11012-E3000
12010-E3001	12036-01W60/2			

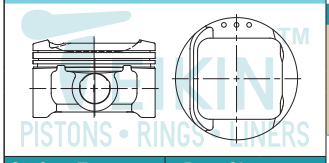
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 20.30 mm

40

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

HR12DE — 1198 cc — 3 cyl.

MARCH
MICRA
K13K
(10-)
DOHC 12V



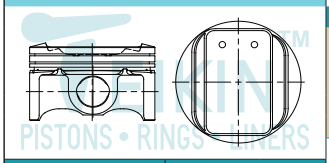
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 6.30 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 78.00 CD 28.90 +2.1 TL 49.50	2 - 1.2 1 - 2.0	Ø 19.000 TL 53.50				
TEIKIN NO. 44351	TEIKIN NO. R 44351	TEIKIN NO. P 44339				
REFERENCE NO. 12010-1HC0A 12010-1HC0B	REFERENCE NO. 12033-1HC0B 12033-1HC0C					

41

HR12DE-II — 1198 cc — 3 cyl.

ALMERA (2015-2016)
DATSUN CROSS (2018)
DATSUN GO / GO+ (2014-2018)
MARCH (2010-2013)
MICRA (2010-2015)
MICRA ACTIVE (2013-2018)
DOHC 12V



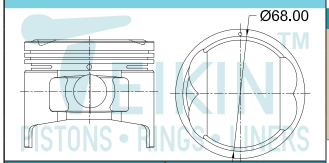
Surface Treatment	Bore Clearance
Tin Coated Anodize Crown 1st Ring Anodized	MRC: 0.030 mm MP: 9.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 78.00 CD 28.70 +2.5 TL 49.70	2 - 1.2 1 - 2.0	Ø 19.000 TL 53.50				
TEIKIN NO. 44373	TEIKIN NO.	TEIKIN NO. P 44339				
REFERENCE NO. 12010-1HC0C						

42

CA16 — 1598 cc — 4 cyl.

1981 AUSTER FX
STANZA FX



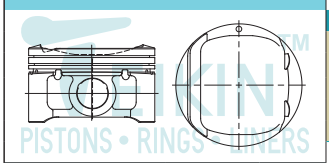
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 21.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 78.00 CD 30.00 +1.3 TL 66.20	2 - 1.5 1 - 4.0	Ø 20.000 TL 62.00		TL OD	140.0 82.0	TEIKIN NO. LKSX 44186
TEIKIN NO. 44186	TEIKIN NO. R 44186	TEIKIN NO. P 38129		TEIKIN NO. LSX 44186 Surface Treatment None		
REFERENCE NO. 12010-D1101/10 12010-D1111 12010-06E01 12010-06E11	REFERENCE NO. 12033-06E00/1 12033-D0120/400 12036-06E00/10 12036-D0120/400			REFERENCE NO. 11012-06E01		

43

HR15DE — 1500 cc — 4 cyl.

GRAND LIVINA,
LIVINA XR,GENISS
LATTIO,TIIDA,NOTE,TONE
2004-



Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 5.40 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 78.00 CD 29.00 +2.0 TL 49.40	2 - 1.2 1 - 2.0	Ø 19.000 TL 53.50				
TEIKIN NO. 44339	TEIKIN NO. R 44339	TEIKIN NO. P 44339				
REFERENCE NO. 12010-ED000	REFERENCE NO. 12033-ED000 12033-EE000					

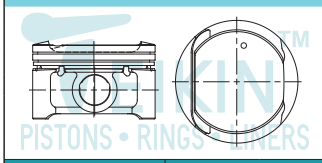
44

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

HR16DE — 1600 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 78.00	2 - 1.2	Ø 19.000		TL		140.0	TEIKIN NO.
		TL 53.50		OD		82.0	LKSX 44345
CD 28.90							
+2.1	1 - 2.0						
TL 49.40							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.			
44345	R 44339	P 44339		LSX 44186			
				Surface Treatment			
				None			
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.			
12010-ED500	12033-ED000			11012-06E01			
	12033-EE000						

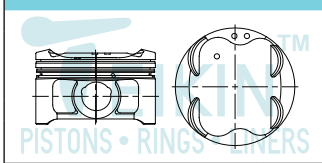


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.40 mm
1st Ring Anodized	

45

HR16DE-II — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 78.00	1 - 1.2	Ø 19.000					
	1 - 1.0	TL 56.00					
CD 29.10							
+2.1	1 - 2.0						
TL 49.70							
TEIKIN NO.		TEIKIN NO.					
44361		P 38145					
REFERENCE NO.							
12010-5RB0A							



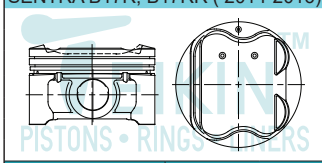
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.50 mm
1st Ring Anodized	

46

HR16DE-III — 1598 cc — 4 cyl.

MARCH (2011-2018), JUKE F15, F15E (2010-2018) QASHQAI J10E (2010-2014), QASHQAI+2 JJ10E (2010-2013), SENTRA B17R, B17RR (2014-2016)

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 78.00	2 - 1.2	Ø 19.000		TL		140.0	TEIKIN NO.
		TL 53.50		OD		82.0	LKSX 44365
CD 28.80							
+2.3	1 - 2.0						
TL 49.60							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.			
44365	R 44339	P 44339		LSX 44365			
				Surface Treatment			
				None			
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.			
12010-1KA0A	12033-ED000						
12010-BB01A	12033-EE000						
12010-BB00A							



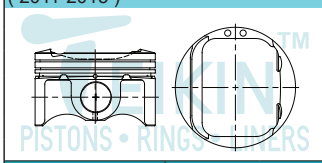
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.50 mm
1st Ring Anodized	

47

HR15DE-II — 1498 cc — 4 cyl.

MICRA (2011-2017) SUNNY (2012-2016) SUNNY / ALMERA (2011-2015) SUNNY / ALMERA / VERSA (2011-2015)

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 78.00	2 - 1.2	Ø 19.000					
		TL 53.50					
CD 28.80							
+2.3	1 - 2.0						
TL 49.55							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.					
44374		P 44339					
REFERENCE NO.							
12010-1HS0B							



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 9.00 mm
1st Ring Anodized	

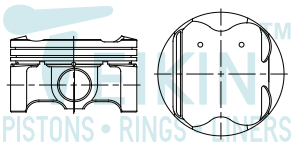
48

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

HR16DE-IV — 1598 cc — 4 cyl.

MARCH
TIIDA
VERSA
N17X
(11-17)
DOHC 16V

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 78.00 CD 28.70 +2.2 TL 47.90	2 - 1.2 1 - 2.0	Ø 19.000 TL 53.50				
TEIKIN NO. 44721		TEIKIN NO. P 44339				
REFERENCE NO. 12010-3HC0A						

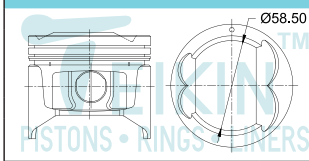


Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.020 mm MP: 7.00 mm

49

RB20E — 1998 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 78.00 CD 32.40 +1.9 TL 67.30	2 - 1.5 1 - 2.8	Ø 18.990 TL 62.00				
TEIKIN NO. 44653	TEIKIN NO. R 44653	TEIKIN NO. P 44653				
REFERENCE NO. 12010-55S01	REFERENCE NO. 12033-12P00 12033-65L00 12033-V5310					



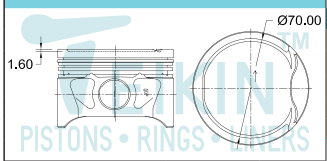
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 18.50 mm

50

1.6L — 1598 cc — 4 cyl.

K4M (00-09) NISSAN PLATINA,
APRIO /RENAULT CLIO
L4 DOHC 16 VALV

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 79.50 CD 31.70 -1.6 TL 55.00	1 - 1.2 1 - 1.5 1 - 2.5	Ø 20.000 TL 62.00				
TEIKIN NO. 44356		TEIKIN NO. P 38129				
REFERENCE NO.						



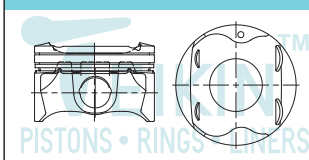
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 10.50 mm

51

MRA8DE — 4 cyl.

SENTRA 1.800

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 79.70 CD 31.10 +2.2 TL 52.30	1 - 1.2 1 - 1.0 1 - 2.0	Ø 19.990 TL 50.00				
TEIKIN NO. 44358	TEIKIN NO. R 44362	TEIKIN NO. P 44358				
REFERENCE NO. 12010-3RC0B 12010-3RC1B	REFERENCE NO. 12033-1KC0A 12033-3RC0B					



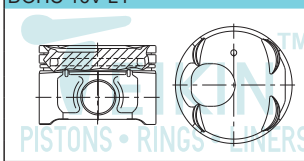
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.00 mm

52

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

MR16DDT — 1618 cc — 4 cyl.

NISSAN JUKE 2011-2015
JUKE, TIIDA
C12Z, F15, JUKE C12Z F15 F15E
(10-)
DOHC 16V L4



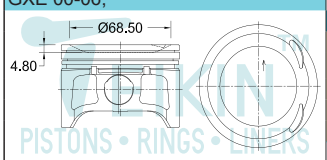
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 6.00 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 79.70 CD 35.30 -4.5 TL 53.80	1 - 1.2 1 - 1.0 1 - 2.0	Ø 21.990 TL 54.50					
TEIKIN NO. 44362G	TEIKIN NO. R 44362	TEIKIN NO. P 44362					
REFERENCE NO. A2010-1KC0A A2010-1KC1A	REFERENCE NO. 12033-1KC0A 12033-3RC0B						

53

QG18DE-II — 1809 cc — 4 cyl.

F.I 1.8L
2003-2005 NISSAN
SENTRA XE
DOHC 16V
GXE 00-06,

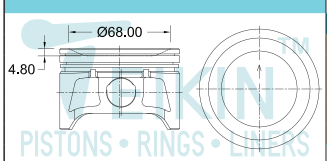


Surface Treatment	Bore Clearance
Tin Coated Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 12.70 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 80.00 CD 29.20 -4.8 TL 53.70	2 - 1.2 1 - 2.5	Ø 18.990 TL 52.00					
TEIKIN NO. 44333	TEIKIN NO. R 44333	TEIKIN NO. P 44333					
REFERENCE NO. 12010-F4670 12010-AU300/1/2 A2010-AU300/1/2/71/72 12014/15-AU300 A2010-F4671	REFERENCE NO. 12033-5M001/20 12033-7J600/01 12033-7J60A 12033-8M100						

54

QG18DE — 1769 cc — 4 cyl.



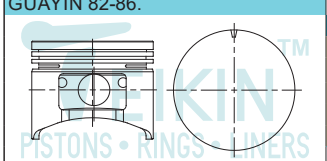
Surface Treatment	Bore Clearance
Tin Coated Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 12.70 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 80.00 CD 29.10 -4.8 TL 53.70	2 - 1.2 1 - 2.5	Ø 18.990 TL 52.00					
TEIKIN NO. 44682	TEIKIN NO. R 44333	TEIKIN NO. P 44333					
REFERENCE NO. 12010-7J625 12010-7J620/1/2 12010-7J626/7/8/9 12010-5M000/1/2 A2010-5M010	REFERENCE NO. 12033-5M001/20 12033-7J600/01 12033-7J60A 12033-8M100						

55

J18 — 1800 cc — 4 cyl.

1981-92
ICHI-VAN (CARGA)
ESTAQUITAS. SAKURA
HASTA 86
GUAYÍN 82-86.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.00 mm

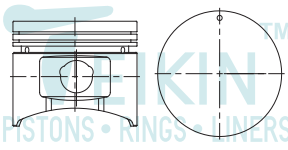
PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 80.50 CD 32.60 TL 65.50	1 - 1.5 1 - 2.0 1 - 4.0	Ø 21.000 TL 66.00			TL 152.4 OD 84.7		TEIKIN NO. LKSX 44265
TEIKIN NO. 44265	TEIKIN NO. R 44265	TEIKIN NO. P 44121			TEIKIN NO. LSX 44265 Surface Treatment None		
REFERENCE NO. 12011-J22G0 12010-J22G0	REFERENCE NO. 12033-24W00 12033-J2190 12033-J21G0 12033-N7900				REFERENCE NO. 12010-01W12		

56

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

NA16S — 1600 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 81.50	2 - 1.5	Ø 21.000				
CD 35.90	1 - 4.0	TL 63.50				
TL 68.00						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
44615	**R 44615**	**P 32120**				
(44310)						
REFERENCE NO.						
12010-84G00						



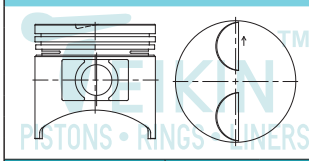
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.50 mm

57

L16 — 1971-78 — 4 cyl.

240C, 2400
260C, 300C

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 83.00	2 - 2.0	Ø 21.000				
CD 38.00	1 - 4.0	TL 72.50				
-2.9						
TL 78.00						
TEIKIN NO.		**TEIKIN NO.**				
44160-4		**P 43155**				
REFERENCE NO.						
12010-E3111						



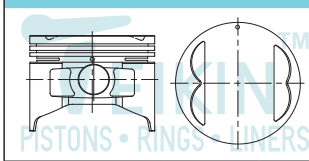
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 22.75 mm

58

CA18 — 1809 cc — 4 cyl.

1981

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 83.00	2 - 1.5	Ø 20.000		TL 140.0		**TEIKIN NO.**
CD 30.00	1 - 4.0	TL 62.00		OD 87.0		**LKSX 44190**
-3.3						
TL 65.05						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**		
44190	**R 44190**	**P 38129**		**LSX 44190**		
				Surface Treatment		
				None		
REFERENCE NO.	**REFERENCE NO.**			**REFERENCE NO.**		
12010-D0301	12033-01E00/10			11012-D0300		
12010-D1201	12033-01F00					
12010-01F01	12033-D0210/500					
12010-01F02	12036-01F00					

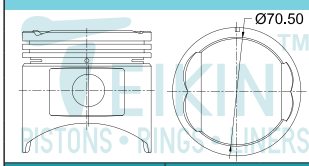


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.50 mm

59

Z16 — 1595 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 83.00	2 - 2.0	Ø 21.000		TL 140.0		**TEIKIN NO.**
CD 38.00	1 - 4.0	TL 66.00		OD 87.0		**LKSX 44269**
+0.6						
TL 78.90						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**		
44269	**R 44269**	**P 44121**		**LSX 44269**		
				Surface Treatment		
				None		
REFERENCE NO.	**REFERENCE NO.**			**REFERENCE NO.**		
12010-W7111	12033-A0600			11012-21000		
12010-W7121	12033-A3500/01/02					
12010-W7161	12033-W0700					
	12033-W7100/10					



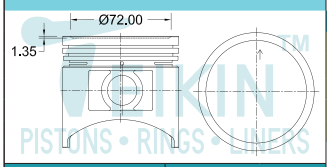
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 21.25 mm

60

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

L16-II/L26-II — 1595 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 83.00	2 - 2.0	Ø 21.000		TL		140.0	TEIKIN NO.
		TL 72.50		OD		87.0	LKSX 44283
CD 38.00							
-1.3	1 - 4.0						
TL 78.00							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.			
44283	R 44269	P 43155		LSX 44269			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.			
12010-23002	12033-A0600			11012-21000			
12010-E3101	12033-A3500/01/02						
	12033-W0700						
	12033-W7100/10						

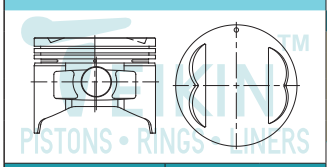


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 22.75 mm

61

CA18ET — 1809 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 83.00	2 - 1.5	Ø 20.000		TL		140.0	TEIKIN NO.
		TL 61.00		OD		87.0	LKSX 44661
CD 30.00							
-3.7	1 - 2.8						
TL 65.00							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.			
44661	R 44661	P 46310		LSX 44190			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.			
12010-17F11	12033-17F00			11012-D0300			
12010-17F12	12033-18F00/10						
12010-17F13	12033-44F00/1/2						
	12033-59B00						

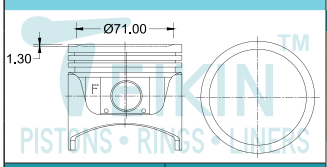


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.50 mm

62

L16-III — 1595 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 83.00	2 - 2.0	Ø 21.000		TL		140.0	TEIKIN NO.
		TL 72.00		OD		87.0	LKSX 44662
CD 38.20							
-1.3	1 - 4.0						
TL 78.20							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.			
44662	R 44269	P 44662		LSX 44269			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.			
12010-A9600	12033-A0600			11012-21000			
12010-A9601	12033-A3500/01/02						
12010-A9611	12033-W0700						
	12033-W7100/10						



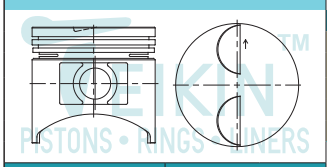
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 22.00 mm

63

L24/L26 — 2393 cc — 6 cyl.

1971-78
240C, 2400
260C, 300C

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 83.00	2 - 2.0	Ø 21.000		TL		140.0	TEIKIN NO.
		TL 72.50		OD		87.0	LKSX 44160
CD 38.00							
-2.9	1 - 4.0						
TL 78.00							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.			
44160	R 44160	P 43155		LSX 44160			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.			
12010-E3111	12033-A8620			11012-21000			
	12033-E3100						
	12033-E3110						
	12033-W0810						



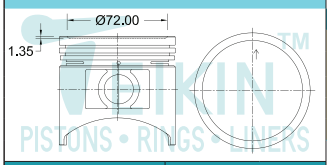
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 22.75 mm

64

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

L24-II/L26-II — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 83.00	2 - 2.0	Ø 21.000		TL	140.0	TEIKIN NO.
		TL 72.50		OD	87.0	LKSX 44283-6
CD 38.00						
-1.4	1 - 4.0					
TL 78.00						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
44283-6	R 44269-6	P 43155		LSX 44269		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		
12010-23002	12033-A0600			11012-21000		
12010-E3101	12033-A3500/01/02					
	12033-W0700					
	12033-W7100/10					

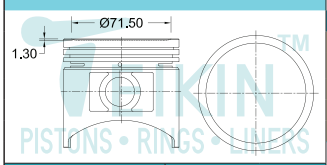


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm
	MP: 22.75 mm

65

L24S — 2393 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 83.00	1 - 1.5	Ø 21.000		TL	140.0	TEIKIN NO.
	1 - 2.0	TL 72.50		OD	87.0	LKSX 44336
CD 38.00						
-1.3	1 - 4.0					
TL 78.00						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
44336	R 44336	P 43155		LSX 44160		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		
12010-27L02	12033-W2400			11012-21000		
	12033-W2410					
	12033-W2420					

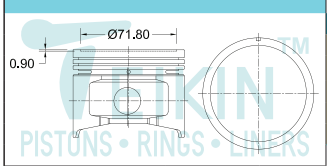


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 22.75 mm

66

L24E — 2393 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 83.00	2 - 1.5	Ø 20.000		TL	140.0	TEIKIN NO.
		TL 61.00		OD	87.0	LKSX 44617
CD 38.00						
-0.9	1 - 4.0					
TL 65.00						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
44617	R 44617	P 46310		LSX 44160		
(44312)				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		
12010-W3102	12033-W3100			11012-21000		
12010-51L01	12036-W3100					
	12038-W3100					



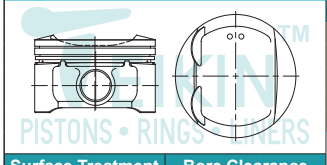
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 11.50 mm

67

MR18DE — 1800 cc — 4 cyl.

GRAND LIVINA 1.8L
VERSA 1.8L
2004-
TIIDA 07-12
L4 DOHC 16 VALV

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 84.00	2 - 1.2	Ø 19.990				
		TL 53.00				
CD 31.30						
+3.1	1 - 2.0					
TL 52.80						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
44340	R 44340	P 44340				
REFERENCE NO.	REFERENCE NO.					
A2010-ED800	12033-CK80A					
A2010-ED801	A2033-CK80A					
	12033-EN200					
	12033-EN20A					



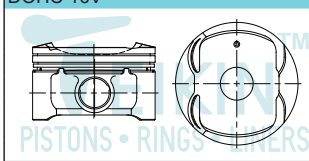
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.50 mm
1st Ring Anodized	

68

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

MR20DE — 1997 cc — 4 cyl.

QASHAQAI ~ SYLPHY
TEANA ~ X-TRAIL
G11Z ~ J10E ~J32 ~ T31
(06-10)
DOHC 16V



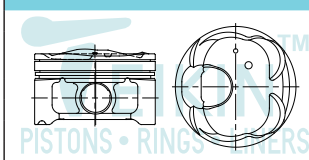
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.50 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 84.00 CD 31.30 +3.1 TL 53.00	2 - 1.2 1 - 2.0	Ø 19.990 TL 53.00				
TEIKIN NO. 44350	TEIKIN NO. R 44340	TEIKIN NO. P 44340				
REFERENCE NO. A2010-EN210 A2010-EN20B 12010-ET000 A2010-ET000 A2010-ET001	REFERENCE NO. 12033-CK80A A2033-CK80A 12033-EN200 12033-EN20A					

69

MR20DD — 4 cyl.

ROGUE SPORT (2017-2020)
ROGUE HYBRID (2017-2019)
QASHQAI (2013-2017)
X-TRAIL (2014-2017)



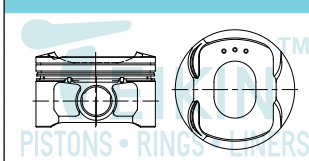
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.50 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 84.00 CD 30.70 +3.3 TL 52.50	2 - 1.2 1 - 2.0	Ø 19.990 TL 53.00				
TEIKIN NO. 44368G		TEIKIN NO. P 44340				
REFERENCE NO. A2010-4BB0C						

70

MR20DE-IV — 4 cyl.

X-TRAIL (2007-2013)
QASHQAI/QASHQAI +2 (2007-2013)



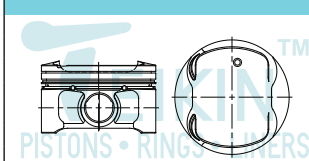
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.50 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 84.00 CD 31.20 +3.1 TL 52.60	2 - 1.2 1 - 2.0	Ø 19.990 TL 53.00				
TEIKIN NO. 44370		TEIKIN NO. P 44340				
REFERENCE NO. A2010-CK80D A2010-CK80A A2010-CK80B/0C A2010-CK81A/1B A2010-CK81C/1D						

71

MR20DE-V — 1997 cc — 4 cyl.

NV200 (2013-2021)
DOHC 16V



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 8.00 mm
1st Ring Anodized	

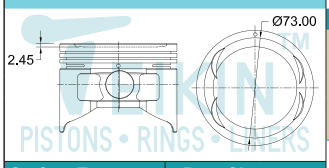
PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 84.00 CD 31.30 +3.0 TL 52.80	2 - 1.2 1 - 2.0	Ø 19.990 TL 53.00				
TEIKIN NO. 44377		TEIKIN NO. P 44340				
REFERENCE NO. 12010-ET00B						

72

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
					LINER			

CA20 — 1974 cc — 4 cyl.

SOHC, 8 V
SKYLINE GL1987-92

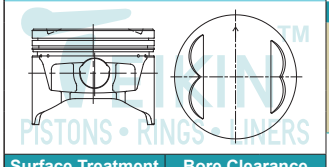


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.00 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 84.50 CD 30.00 -2.4 TL 64.95	2 - 1.5 1 - 4.0	Ø 20.000 TL 62.00		TL OD		150.0 88.5	TEIKIN NO. LKSX 44193
TEIKIN NO. 44193	TEIKIN NO. R 44193	TEIKIN NO. P 38129		TEIKIN NO. LSX 44193 Surface Treatment None			
REFERENCE NO. 12010-04E11 12010-04F01/11 12010-10F01	REFERENCE NO. 12033-04E00/10 12033-D1700 12033-D4700/10 12036-04E00/10			REFERENCE NO. 11012-04F00			

73

CA20-II — 1973 cc — 4 cyl.

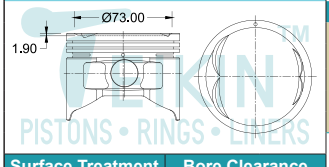


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 19.60 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 84.50 CD 30.00 -3.2 TL 65.00	2 - 1.5 1 - 2.8	Ø 20.000 TL 62.00		TL OD		150.0 88.5	TEIKIN NO. LKSX 44279
TEIKIN NO. 44279	TEIKIN NO. R 44279	TEIKIN NO. P 38129		TEIKIN NO. LSX 44193 Surface Treatment None			
REFERENCE NO. 12010-13E11	REFERENCE NO. 12033-13E00 12033-35R00 12033-61E00/10 12036-13E00			REFERENCE NO. 11012-04F00			

74

CA20-III — 1974 cc — 4 cyl.



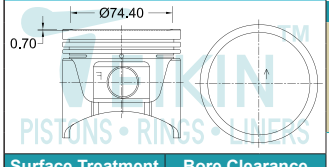
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.00 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 84.50 CD 30.10 -1.9 TL 64.90	2 - 1.5 1 - 4.0	Ø 20.000 TL 61.00		TL OD		150.0 88.5	TEIKIN NO. LKSX 44663
TEIKIN NO. 44663	TEIKIN NO. R 44193	TEIKIN NO. P 46310		TEIKIN NO. LSX 44193 Surface Treatment None			
REFERENCE NO. 12010-D1800/01 12011-D1800/01	REFERENCE NO. 12033-04E00/10 12033-D1700 12033-D4700/10 12036-04E00/10			REFERENCE NO. 11012-04F00			

75

L18 NEW 1970 — 1770 cc — 4 cyl.

P610TK, BLUEBIRD



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 22.40 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 85.00 CD 38.10 -0.7 TL 78.40	2 - 2.0 1 - 4.0	Ø 21.000 TL 72.50		TL OD		150.0 89.0	TEIKIN NO. LKFX 44166 LKSX 44166
TEIKIN NO. 44166	TEIKIN NO. R 44166	TEIKIN NO. P 43155		TEIKIN NO. LFX 44166 LSX 44166 Surface Treatment None			
REFERENCE NO. 12010-A8701 12010-U2000	REFERENCE NO. 12033-78520/21 12033-A8701/02/03 12033-N9700 12033-U6000/1/2			REFERENCE NO. 11012-AB701 11012-U2000			

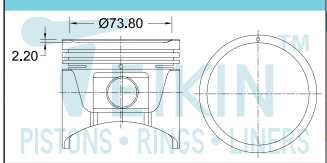
76

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

L18 OLD — 1770 cc — 4 cyl.

1970 LAUREL, SILVIA
BLUEBIRD 610

Ø 85.00	2 - 2.0	Ø 21.000		TL		150.0	TEIKIN NO.
CD 38.10		TL 72.50		OD		89.0	LKFX 44167
-2.2	1 - 4.0						LKSX 44167
TL 78.20							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44167	R 44166	P 43155		LFX 44166 LSX 44166
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-A8711 12010-W0801 12010-W0811	12033-78520/21 12033-A8701/02/03 12033-N9700 12033-U6000/1/2			11012-AB701 11012-U2000

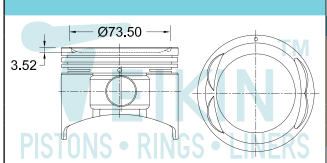
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 22.40 mm

77

Z20 — 1952 cc — 4 cyl.

1981

Ø 85.00	2 - 1.5	Ø 21.000		TL		150.0	TEIKIN NO.
CD 31.95		TL 72.50		OD		89.0	LKSX 44224
-3.5	1 - 4.0						
TL 67.00							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44224	R 44224	P 43155		LSX 44224
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-W1411 12010-W1421 12010-W1461	12033-24G00/10/20 12033-N8510/20 12033-R9400 12036-24G00/10/20			11012-W1411 11012-U6000

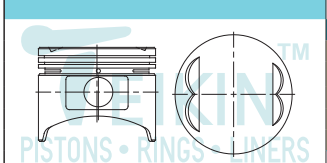
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.00 mm

78

Z20S — 1952 cc — 4 cyl.

1980
SOHC, 8 V

Ø 85.00	2 - 1.5	Ø 21.000		TL		150.0	TEIKIN NO.
CD 31.90		TL 72.50		OD		89.0	LKSX 44227
-3.0	1 - 4.0						
TL 67.00							



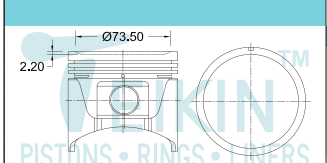
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44227	R 44224	P 43155		LSX 44224
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-N8711 12010-N8721	12033-24G00/10/20 12033-N8510/20 12033-R9400 12036-24G00/10/20			11012-W1411 11012-U6000

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 20.20 mm

79

L20B — 1952 cc — 4 cyl.

Ø 85.00	2 - 2.0	Ø 21.000					
CD 38.10		TL 72.50					
-2.2	1 - 4.0						
TL 78.10							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
44305	R 44166	P 43155		
REFERENCE NO.	REFERENCE NO.			
12010-U6001	12033-78520/21 12033-A8701/02/03 12033-N9700 12033-U6000/1/2			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 22.30 mm

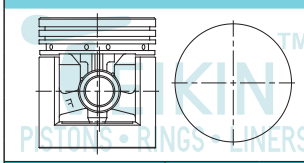
80

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

P680 — 4000 cc — 6 cyl.

1965
PATROL TRK 5T, 6T

PISTON SET	RINGS	PIN
Ø 85.73	2 - 2.5	Ø 20.650
CD 53.30	1 - 4.8	TL 74.00
TL 94.50		
TEIKIN NO. 44235	TEIKIN NO. R 44235	TEIKIN NO. P 44235
REFERENCE NO. 12010-58100, 12010-80000, 12010-C8010, 12010-58000, 12010-58002	REFERENCE NO. 12033-58003/4/5/8, 12033-C6000/11, 12036-58003, 12038-58003	

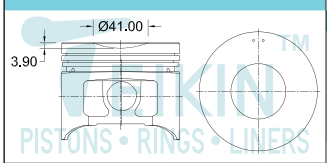


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 8.50 mm

81

NA20-II — 4 cyl.

PISTON SET	RINGS	PIN
Ø 86.00	2 - 1.5	Ø 21.000
CD 38.50	1 - 4.0	TL 63.50
-3.9		
TL 70.00		
TEIKIN NO. 44352		TEIKIN NO. P 32120
REFERENCE NO.		

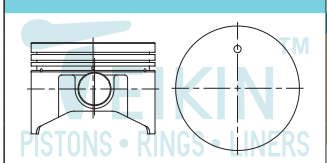


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 14.00 mm

82

SR20DE — 1998 cc — 4 cyl.

PISTON SET	RINGS	PIN
Ø 86.00	2 - 1.5	Ø 22.000
CD 32.00	1 - 3.0	TL 60.00
TL 63.00		
TEIKIN NO. 44601 (44309)	TEIKIN NO. R 44601	TEIKIN NO. P 34102
REFERENCE NO. A2010-65J02, A2010-65J01	REFERENCE NO. 12033-53J00/1/10/20, 12033-53T00, 12033-60J20/21/22/62, 12035-53J00/1/10/20	

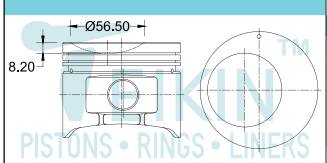


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.00 mm

83

NA20 — 1998 cc — 4 cyl.

PISTON SET	RINGS	PIN
Ø 86.00	2 - 1.5	Ø 21.000
CD 38.40	1 - 4.0	TL 63.50
-8.2		
TL 69.90		
TEIKIN NO. 44604	TEIKIN NO. R 44604	TEIKIN NO. P 32120
REFERENCE NO. 12010-85G00, 12010-85G72, 12010-85G01, 12010-85G02, 12010-85G73	REFERENCE NO. 12033-3T600, 12033-85G00, 12036-3T602, 12036-3T604	



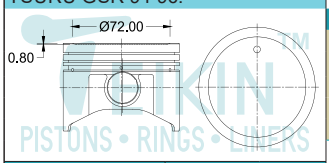
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.50 mm

84

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

SR20DE-II 1998 cc — 4 cyl.

SENTRA
200SX/NX
1991-99
LUCINO GSR 96-00
TSURU GSR 94-96.

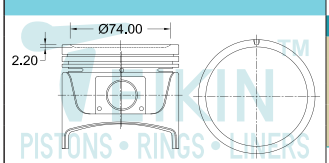


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.00 mm

PISTON SET	RINGS	PIN
Ø 86.00	2 - 1.5	Ø 22.000
CD 32.00	1 - 3.0	TL 60.00
-0.8		
TL 63.00		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
44652	**R 44601**	**P 34102**
REFERENCE NO.	**REFERENCE NO.**	
A2010-63J00	12033-53J00/1/10/20	
12011-65J00	12033-53T00	
	12033-60J20/21/22/62	
	12035-53J00/1/10/20	

85

L28S 2753 cc — 6 cyl.

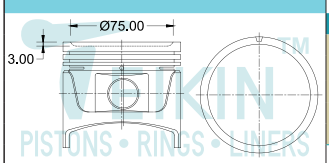


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 23.00 mm

PISTON SET	RINGS	PIN			
Ø 86.00	1 - 1.5	Ø 21.000	TL	150.0	TEIKIN NO.
	1 - 2.0	TL 72.50	OD	90.0	LKSX 44335
CD 38.00	1 - 4.0				
-2.2					
TL 78.20					
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**		
44335	**R 44335**	**P 43155**	**LSX 44335**		
			Surface Treatment		
			None		
REFERENCE NO.	**REFERENCE NO.**		**REFERENCE NO.**		
12010-C6412	12033-P7900/10		11012-N4200		
12010-C6421	12033-P8360/600/610				
	12033-T8400				
	12036-P7900/10				

86

L28 2753 cc — 6 cyl.

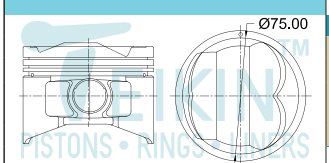


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 23.00 mm

PISTON SET	RINGS	PIN			
Ø 86.00	2 - 2.0	Ø 21.000	TL	150.0	TEIKIN NO.
		TL 72.50	OD	90.0	LKSX 44616
CD 38.30	1 - 4.0				
-3.0					
TL 78.30					
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**		
44616	**R 44616**	**P 43155**	**LSX 44335**		
(44311)			**Surface Treatment**		
			None		
REFERENCE NO.	**REFERENCE NO.**		**REFERENCE NO.**		
12010-Y4111	12033-M4210		11012-N4200		
12010-Y4121	12033-N4200/10/20				
12010-Y4131	12033-P8360/70				
	12036-N4200/20				

87

RB30E 2962 cc — 6 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 22.00 mm

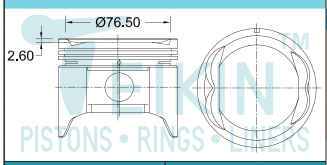
PISTON SET	RINGS	PIN
Ø 86.00	2 - 1.5	Ø 20.990
		TL 64.00
CD 32.50	1 - 2.8	
+2.5		
TL 66.50		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
44664	**R 44664**	**P 44664**
REFERENCE NO.	**REFERENCE NO.**	
12010-67S11	12033-67S10	
12010-67S21	12033-B4910	
A2010-67S21		

88

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

Z22S 2187 cc
1980 — 4 cyl.

Ø 87.00	2 - 1.5	Ø 21.000		TL 150.0		TEIKIN NO.
CD 35.35		TL 72.50		OD 91.0		LKSX 44230
-2.6	1 - 4.0					
TL 71.90						



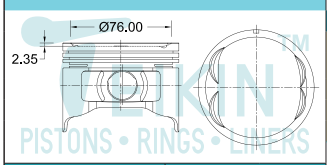
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44230	R 44230	P 43155		LSX 44230
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-06W00	12033-06W10/20			11012-D1801
12010-06W11	12033-D8500			
12010-06W21	12033-T8300			
	12033-T8301			

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 21.00 mm

89

Z22 2187 cc
1982 — 4 cyl.

Ø 87.00	2 - 1.5	Ø 21.000		TL 150.0		TEIKIN NO.
CD 32.00		TL 66.00		OD 91.0		LKSX 44278
-2.4	1 - 4.0					
TL 67.00						



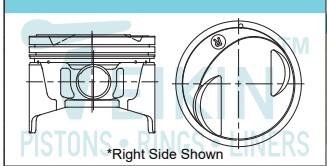
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44278	R 44230	P 44121		LSX 44230
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-D8101	12033-06W10/20			11012-D1801
12010-D8111	12033-D8500			
	12033-T8300			
	12033-T8301			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.00 mm

90

VG30E 2960 cc
1993-97 — 6 cyl.
QUEST
F.I., SOHC V6, 12 V

Ø 87.00	2 - 1.5	Ø 20.980				
CD 31.60		TL 64.00				
+0.9	1 - 2.8					
TL 67.80						



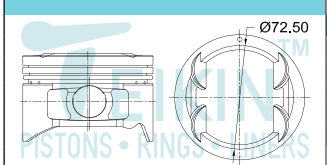
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
44275	R 44275	P 44277		
REFERENCE NO.	REFERENCE NO.			
A2010-0B100 (R)	12033-02P10			
A2010-0B110 (L)	12033-21P10			
	12033-03P00/10			
	12035-03P00/10			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.50 mm

91

VG30DE 2960 cc
1990-96 — 6 cyl.
300ZX
F.I., DOHC V6, 24 V

Ø 87.00	2 - 1.5	Ø 21.990				
CD 32.00		TL 69.00				
+1.5	1 - 2.8					
TL 61.00						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
44276	R 44275	P 44276		
REFERENCE NO.	REFERENCE NO.			
A2010-30P00	12033-02P10			
	12033-21P10			
	12033-03P00/10			
	12035-03P00/10			

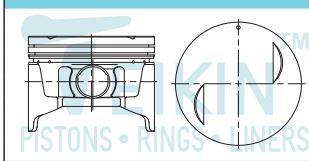
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 12.00 mm

92

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

VG30i / VG30E OLD — 2960 cc — 6 cyl.

1987-89
MAXIMA
F.I., SOHC V6, 12 V

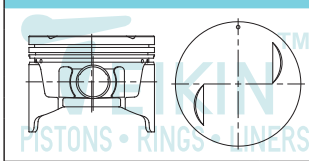


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.30 mm

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 87.00 CD 32.00 -1.8 TL 67.00	2 - 1.5 1 - 2.8	Ø 20.980 TL 64.00					
TEIKIN NO. 44277	TEIKIN NO. R 44275	TEIKIN NO. P 44277					
REFERENCE NO. 12010-21P61 / 63 A2010-10G03 A2010-21P61 12010-V5901/10/11 12010-V7101/61	REFERENCE NO. 12033-02P10 12033-21P10 12033-03P00/10 12035-03P00/10						

93

VG30i-II — 2960 cc — 6 cyl.



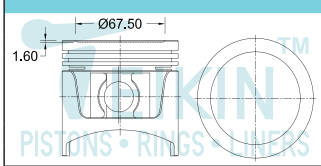
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.30 mm

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 87.00 CD 32.00 -1.8 TL 67.00	1 - 2.0 1 - 1.5 1 - 2.8	Ø 20.980 TL 64.00					
TEIKIN NO. 44334		TEIKIN NO. P 44277					
REFERENCE NO. A2010-10G61 A2010-13G61							

94

H20, H20P — 1982 cc — 4 cyl.

1966 CEDRIC

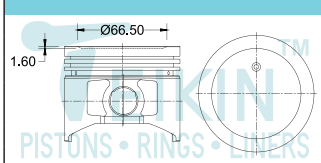


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 23.00 mm

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 87.20 CD 41.00 -1.6 TL 84.00	1 - 2.0 1 - 2.5 1 - 4.0	Ø 22.000 TL 72.60		TL OD	150.0 91.2	TEIKIN NO. LSX 44196	TEIKIN NO. LKSX 44196
TEIKIN NO. 44196	TEIKIN NO. R 44196	TEIKIN NO. P 31116		TEIKIN NO. LSX 44196 Surface Treatment None			
REFERENCE NO. 12010-74001 12010-R9001	REFERENCE NO. 12033-14601 12033-50K00 12033-R9000/23 12033-Y4460			REFERENCE NO.			

95

H20-II — 1982 cc — 4 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.50 mm

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 87.20 CD 40.90 -1.6 TL 70.90	1 - 2.0 1 - 2.5 1 - 4.0	Ø 20.000 TL 62.00		TL OD	150.0 91.2	TEIKIN NO. LSX 44196	TEIKIN NO. LKSX 44608
TEIKIN NO. 44608 (44294)	TEIKIN NO. R 44196	TEIKIN NO. P 38129		TEIKIN NO. LSX 44196 Surface Treatment None			
REFERENCE NO. 12010-50K00 12010-50K24	REFERENCE NO. 12033-14601 12033-50K00 12033-R9000/23 12033-Y4460			REFERENCE NO.			

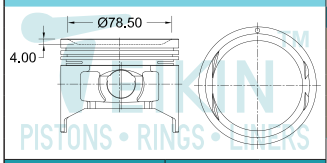
96

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

Z24, Z24i — 2389 cc — 4 cyl.

PATHFINDER
PICKUP, CARGOVAN
F.I., SOHC, 8V
1983-89

Ø 89.00	1 - 2.0	Ø 21.000		TL	150.0	TEIKIN NO.
CD 34.05	1 - 1.5	TL 66.00		OD	93.0	LKSX 44232
-4.0	1 - 4.0					
TL 70.60						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44232	R 44232	P 44121		LSX 44232
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-83W01/2/3	12033-13A00			11012-10W01
12010-83W11/2/3	12033-12G00/10			11012-30W01
	12033-83W00			
	12036-13G00/10			

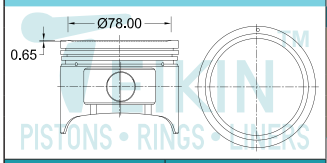
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.40 mm

97

KA24E — 2388 cc — 4 cyl.

F.I., SOHC, 12 V

Ø 89.00	2 - 1.5	Ø 21.000		TL	150.0	TEIKIN NO.
CD 34.05		TL 66.00		OD	93.0	LKSX 44271
-0.7	1 - 2.8					
TL 68.35						



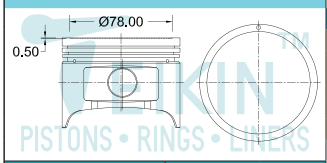
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44271	R 44271	P 44121		LSX 44232
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-86G20	12033-1E400			11012-10W01
	12033-30R00			11012-30W01
	12033-4E100/10			
	12033-53F00/1			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 18.00 mm

98

KA24E-II — 2389 cc — 4 cyl.

Ø 89.00	2 - 1.5	Ø 21.000		TL	150.0	TEIKIN NO.
CD 34.00		TL 61.50		OD	93.0	LKSX 44272
-0.5	1 - 2.8					
TL 68.20						



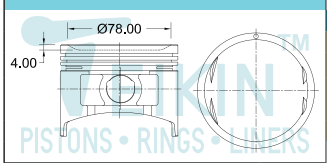
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44272	R 44271	P 56104		LSX 44232
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-40F10	12033-1E400			11012-10W01
A2010-30R10	12033-30R00			11012-30W01
A2010-30R12	12033-4E100/10			
	12033-53F00/1			

Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.020 mm MP: 17.00 mm

99

Z24-II — 2389 cc — 4 cyl.

Ø 89.00	2 - 1.5	Ø 21.000		TL	150.0	TEIKIN NO.
CD 33.90		TL 66.00		OD	93.0	LKSX 44316
-4.0	1 - 4.0					
TL 70.50						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44316 (44651)	R 44316	P 44121		LSX 44232
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-30W01	12033-10W00			11012-10W01
12010-30W11	12033-30W10			11012-30W01

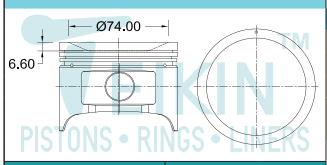
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.40 mm

100

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

KA24DE — 2389 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 89.00	2 - 1.5	Ø 20.980		TL	150.0		TEIKIN NO.
CD 34.00		TL 60.00		OD	93.0		LKSX 44321
-6.6	1 - 2.8						
TL 68.30							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			TEIKIN NO.		
44321	R 44271	P 44274			LSX 44232		
					Surface Treatment		
					None		
REFERENCE NO.	REFERENCE NO.				REFERENCE NO.		
A2010-53F00	12033-1E400				11012-10W01		
A2010-1E400	12033-30R00				11012-30W01		
	12033-4E100/10						
	12033-53F00/1						



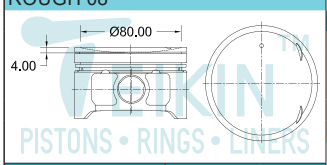
Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.020 mm
1st Ring Anodized	MP: 17.00 mm

101

QR25DE — 2488 cc — 4 cyl.

X-TRAIL 2001 - ON
SENTRA 2002 - ON
ALTIMA 02-08
FRONTIER 05-08
ROUGH 08

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 89.00	2 - 1.2	Ø 19.990					
CD 32.00		TL 57.00					
-4.0	1 - 2.5						
TL 54.80							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.					
44328	R 44328	P 44328					
REFERENCE NO.	REFERENCE NO.						
A2010-9H576	12033-5V110						
A2010-9H511	12033-8H300/1						
A2010-9H512	12033-9E000						
A2010-8J011	12033-9H500						
A2010-8J012							



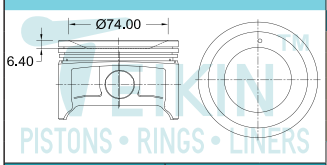
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 9.50 mm

102

KA24DE-IV — 2389 cc — 4 cyl.

URVAN 99 - 08
L4 16 VALV. DOHC

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 89.00	2 - 1.2	Ø 20.990		TL	150.0		TEIKIN NO.
CD 34.00		TL 56.00		OD	93.0		LKSX 44338
-6.4	1 - 2.5						
TL 60.80							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			TEIKIN NO.		
44338	R 44328	P 44338			LSX 44232		
					Surface Treatment		
					None		
REFERENCE NO.	REFERENCE NO.				REFERENCE NO.		
A2010-5V110	12033-5V110				11012-10W01		
A2010-9E000	12033-8H300/1				11012-30W01		
A2010-5V112	12033-9E000						
	12033-9H500						

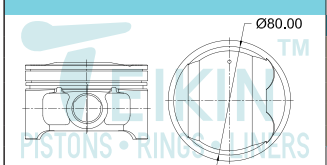


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 13.00 mm

103

QR20DE — 1998 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 89.00	2 - 1.2	Ø 19.990					
CD 32.00		TL 59.00					
+1.9	1 - 2.5						
TL 56.50							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.					
44342	R 44328	P 44342					
REFERENCE NO.	REFERENCE NO.						
A2010-8H502	12033-5V110						
A2010-8H501	12033-8H300/1						
A2010-8H571	12033-9E000						
A2010-8H311/2	12033-9H500						
A2010-8H376							



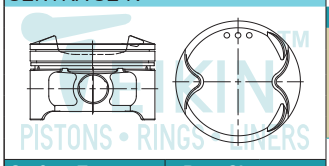
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 8.00 mm

104

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

QR25DE-III — 2488 cc — 4 cyl.

DOHC 16V
FRONTIER 2005-2008
X-TRAIL
ALTIMA
SENTRA SE-R

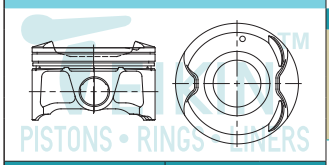


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 9.50 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 89.00 CD 32.90 +5.9 TL 61.50	2 - 1.2 1 - 2.5	Ø 19.990 TL 57.00				
TEIKIN NO. 44343	TEIKIN NO. R 44328	TEIKIN NO. P 44328				
REFERENCE NO. 12010-EA001	REFERENCE NO. 12033-5V110 12033-8H300/1 12033-9E000 12033-9H500					

105

QR25DE-IV — 2488 cc — 4 cyl.

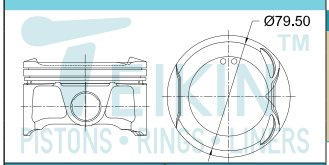


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.00 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 89.00 CD 33.00 +4.1 TL 58.20	2 - 1.2 1 - 2.0	Ø 19.990 TL 57.00				
TEIKIN NO. 44349	TEIKIN NO. R 44349	TEIKIN NO. P 44328				
REFERENCE NO. A2010-JG31A 12010-JA01A/2A 12010-JA01A/2A A2010-JG32A A2010-JG39A	REFERENCE NO. 12033-JA00B 12033-JG30A 12035-JG30A					

106

QR25DE-V — 4 cyl.



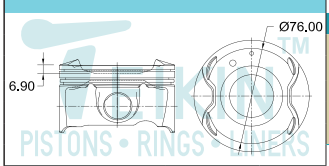
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.00 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 89.00 CD 32.90 +3.4 TL 57.30	2 - 1.2 1 - 2.0	Ø 19.990 TL 57.00				
TEIKIN NO. 44353		TEIKIN NO. P 44328				
REFERENCE NO. A2010-ET81A						

107

QR25DE-VI — 4 cyl.

X-TRAIL 2.500
2015



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.00 mm
1st Ring Anodized	

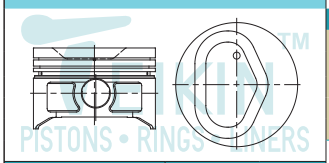
PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 89.00 CD 32.90 +4.3 TL 58.30	2 - 1.2 1 - 2.0	Ø 19.990 TL 51.00				
TEIKIN NO. 44357		TEIKIN NO. P 44357				
REFERENCE NO. A2010-3TU1A						

108

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

K21 — 2065 cc — FORKLIFT — 4 cyl.

Ø 89.00	2 - 1.5	Ø 20.000		TL		175.0	TEIKIN NO.
CD 32.50		TL 58.00		OD		93.0	LKSX 44675
-8.1	1 - 2.8						
TL 58.00							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44675	R 44271	P 52112		LSX 44675
				Surface Treatment: None

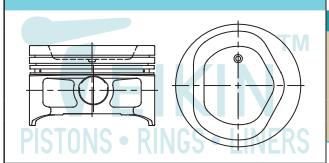
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-FU422	12033-1E400 12033-30R00 12033-4E100/10 12033-53F00/1			

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 10.00 mm

109

K25 — 2488 cc — FORKLIFT — 4 cyl.

Ø 89.00	2 - 1.5	Ø 20.000		TL		210.0	TEIKIN NO.
CD 32.50		TL 58.00		OD		93.0	LKSX 44676
-10.0	1 - 2.8						
TL 58.00							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44676	R 44271	P 52112		LSX 44676
				Surface Treatment: None

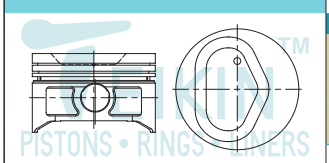
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-FU522	12033-1E400 12033-30R00 12033-4E100/10 12033-53F00/1			

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 10.00 mm

110

K21-II — 2065 cc — FORKLIFT — SOHC 8V — 4 cyl.

Ø 89.00	2 - 1.2	Ø 20.000		TL		175.0	TEIKIN NO.
CD 32.50		TL 57.00		OD		93.0	LKSX 44707
-7.7	1 - 2.5						
TL 58.00							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44707	R 44328	P 44675		LSX 44675
				Surface Treatment: None

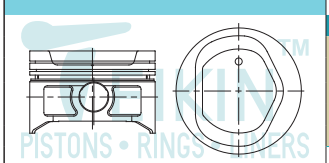
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-GS00A 12010-GS00B 12010-GS00C 12010-GS00D 12010-GS00E	12033-5V110 12033-8H300/1 12033-9E000 12033-9H500			

Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.030 mm MP: 10.00 mm

111

K25-II — 2488 cc — FORKLIFT — SOHC 8V — 4 cyl.

Ø 89.00	2 - 1.2	Ø 20.000		TL		210.0	TEIKIN NO.
CD 32.50		TL 57.00		OD		93.0	LKSX 44708
-9.9	1 - 2.5						
TL 58.00							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44708	R 44328	P 44675		LSX 44676
				Surface Treatment: None

REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12010-GS10A 12010-GS10B 12010-GS10C 12010-GS10D 12010-GS10E	12033-5V110 12033-8H300/1 12033-9E000 12033-9H500			

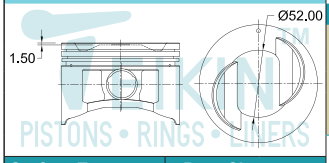
Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.030 mm MP: 10.00 mm

112

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

VG33E — 3300 cc — 6 cyl.

1996-97
PATHFINDER
F.I., SOHC V6, 12 V
FRONTIER 01-05
X-TERRA 00-04



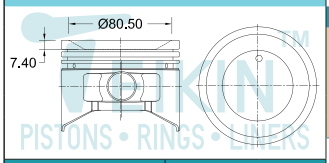
Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.020 mm
1st Ring Anodized	MP: 16.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 91.50	2 - 1.5	Ø 20.980				
		TL 60.00				
CD 31.96						
-1.5	1 - 2.8					
TL 63.00						
TEIKIN NO. 44274	TEIKIN NO. R 44274	TEIKIN NO. P 44274				
REFERENCE NO. A2010-1W200 A2010-0W000	REFERENCE NO. 12033-0W000/10 12033-7B000 12035-0W000/10 12036-0W000/10					

113

H25 — 2472 cc — 4 cyl.

FORKLIFT
D02S - J02 -J02S
(93-00)
SOHC 8V



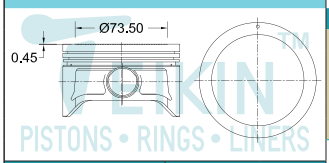
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 19.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 92.00	1 - 2.0	Ø 21.000		TL	172.0	TEIKIN NO.
	1 - 2.5	TL 72.00		OD	96.0	LKSX 44699
CD 36.00						
-7.4	1 - 4.0					
TL 71.00						
TEIKIN NO. 44699	TEIKIN NO. R 44699	TEIKIN NO. P 44662		TEIKIN NO. LSX 44699		
				Surface Treatment None		
REFERENCE NO. 12010-60K00 12010-60K70 12010-60K71 12010-60K72	REFERENCE NO. 12033-60K00 12035-60K00 12036-60K00 12037-60K00			REFERENCE NO.		

114

VQ30DE — 2960 cc — 6 cyl.

1995-97
MAXIMA
F.I., DOHC V6, 24 V



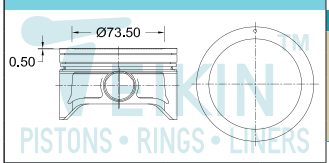
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm
Anodized Crown	MP: 13.80 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 93.00	2 - 1.2	Ø 21.990				
		TL 58.00				
CD 30.40						
-0.4	1 - 2.5					
TL 58.20						
TEIKIN NO. 44273	TEIKIN NO. R 44273	TEIKIN NO. P 44273				
REFERENCE NO. A2010-39U00 A2010-38U10 A2010-38U71	REFERENCE NO. 12033-2Y900/01 12033-2Y902/3 12033-38U00/1/2 12033-47001					

115

VQ30DE-II — 6 cyl.

MAXIMA
2000-01
DOHC 24V



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 13.80 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 93.00	2 - 1.2	Ø 21.990				
		TL 58.00				
CD 30.40						
-0.5	1 - 2.5					
TL 58.00						
TEIKIN NO. 44325	TEIKIN NO. R 44273	TEIKIN NO. P 44273				
REFERENCE NO. A2010-2Y900 A2010-2Y901/2 A2010-2Y910/11/12 A2010-2Y971/76	REFERENCE NO. 12033-2Y900/01 12033-2Y902/3 12033-38U00/1/2 12033-47001					

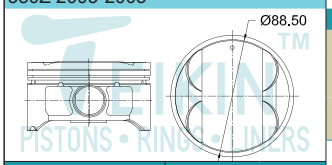
116

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

VQ35DE-II 3498 cc — 6 cyl.

3.5L DOHC 24V
ALTIMA 2002-2005
MAXIMA 2002-2005
MURANO 2003-2005
350Z 2003-2005



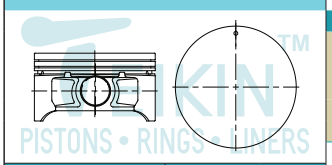
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 9.50 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 95.50 CD 29.60 +0.8 TL 53.80	2 - 1.2 1 - 2.5	Ø 21.990 TL 58.00				
TEIKIN NO. 44331	TEIKIN NO. R 44331	TEIKIN NO. P 44273				
REFERENCE NO. A2010-8J101	REFERENCE NO.					

117

VQ35DE 3498 cc — 6 cyl.

V6 3.5L DOHC 24V
PATHFINDER 2001-2004



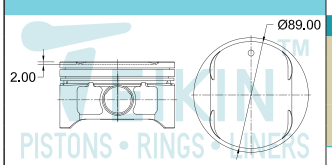
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 9.50 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 95.50 CD 29.60 TL 52.70	2 - 1.2 1 - 2.5	Ø 21.990 TL 58.00				
TEIKIN NO. 44332	TEIKIN NO. R 44341	TEIKIN NO. P 44273				
REFERENCE NO. A2010-4W161 A2010-4W100/1/2 A2010-4W110/1/2 A2010-4W170/1/2	REFERENCE NO. 12033-4W003/4/5/7 12033-8J100 12033-JP00A 12035-4W003/4/5/7					

118

VQ40DE 3954 cc — 6 cyl.

FRONTIER 05
PATHFINNDER 05
XTERRA 05
V6 DOHC 24 V



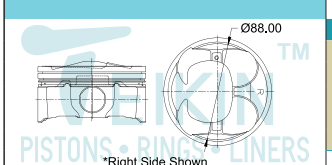
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 10.00 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 95.50 CD 31.60 -2.0 TL 55.10	2 - 1.2 1 - 2.5	Ø 21.990 TL 58.00				
TEIKIN NO. 44341	TEIKIN NO. R 44341	TEIKIN NO. P 44273				
REFERENCE NO. 12010-EA200	REFERENCE NO. 12033-4W003/4/5/7 12033-8J100 12033-JP00A 12035-4W003/4/5/7					

119

VQ35DD 3498 cc — 6 cyl.

NISSAN PATHFINDER (2017-2022)
INFINITI QX60 (2016-2020)



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.50 mm
1st Ring Anodized	

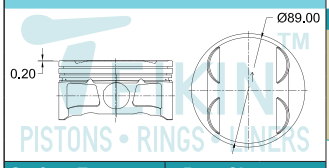
PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 95.50 CD 29.60 +4.5 TL 54.10	2 - 1.2 1 - 2.0	Ø 21.990 TL 58.00				
TEIKIN NO. 44376		TEIKIN NO. P 44273				
REFERENCE NO. 12010-6KA0A (R) 12010-6KA0B (L)						

120

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

VQ35DE-III

ALTIMA
PATHFINDER
2009-2017
6 cyl.

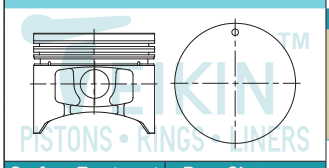


Surface Treatment	Bore Clearance
Chromated	MRC: 0.030 mm
Moly Skirt	MP: 7.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER KIT SET
Ø 95.50	2 - 1.2	Ø 22.000		
		TL 55.00		
CD 29.50				
-0.2	1 - 2.0			
TL 49.70				
TEIKIN NO. 44360		TEIKIN NO. P 48102		
REFERENCE NO.				

TB42/ E/ S 4169 cc

6 cyl.

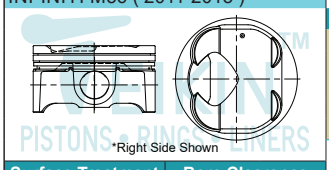


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 20.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER KIT SET
Ø 96.00	2 - 2.0	Ø 23.000		
		TL 76.00		
CD 40.50				
	1 - 4.0			
TL 80.00				
TEIKIN NO. 44660	TEIKIN NO. R 44660	TEIKIN NO. P 56105		
REFERENCE NO. 12010-03J61	REFERENCE NO. 12033-03J00 12033-03J10 12036-03J00 12038-03J00			

VK56VD 5552 cc

NISSAN PATROL (2010-)
NISSAN PATROL NISMO (2016-)
NISSAN TITAN, ARMADA (2017-)
INFINITI QX80/QX56 (2010-2018)
INFINITI M56 (2011-2013)
8 cyl.

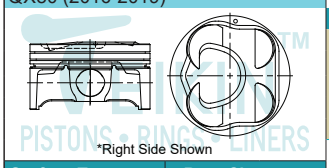


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 9.00 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	LINER KIT SET
Ø 98.00	2 - 1.2	Ø 21.990		
		TL 59.50		
CD 31.50				
-5.0	1 - 2.5			
TL 53.50				
TEIKIN NO. 44366	TEIKIN NO. R 44366	TEIKIN NO. P 44366		
REFERENCE NO. A2010-1LA0C (R) A2010-1LA0D (L)	REFERENCE NO. 12033-1MC0B 12033-1MC0C 12033-1MC0D 12033-EZ30D			

VK56VD-II 5552 cc

ARMADA (2017-2022)
TITAN (2016-2023)
TITAN XD (2017-2023)
NV2500/NV3500 (2017-2021)
QX80 (2016-2019)
8 cyl.

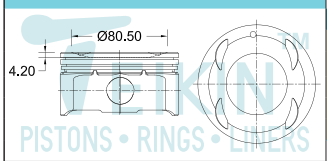


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 9.00 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	LINER KIT SET
Ø 98.00	2 - 1.2	Ø 21.990		
		TL 59.50		
CD 31.60				
+1.6	1 - 2.5			
TL 54.90				
TEIKIN NO. 44375		TEIKIN NO. P 44366		
REFERENCE NO. A2010-9FV2A (R) A2010-9FV2B (L)				

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

VK56DE 5552 cc — 8 cyl.
PATHFINDER ARMADA
TITAN
V8 DOHC 32 VAL.

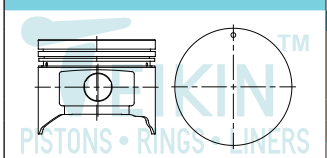


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.00 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 98.00	2 - 1.5	Ø 22.000					
		TL 60.00					
CD 31.60							
-4.2	1 - 2.5						
TL 52.00							
TEIKIN NO. 44680	TEIKIN NO. R 44680	TEIKIN NO. P 34102					
REFERENCE NO. 12010-7S000	REFERENCE NO. 12033-7S000						
12010-7S001/2	12033-7S001						
A2010-7S000/1/2	12033-7S002						
	12033-ZE002						

125

TB45DE/TB48DE — 4 cyl.

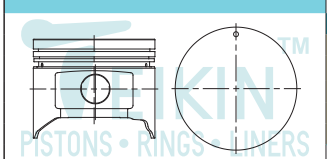


Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.030 mm
1st Ring Anodized	MP: 20.00 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 99.50	1 - 2.0	Ø 22.990					
	1 - 1.5	TL 65.00					
CD 40.30							
	1 - 4.0						
TL 80.00							
TEIKIN NO. 44347-4	TEIKIN NO. R 44347-4	TEIKIN NO. P 44347					
REFERENCE NO. A2010-VB08B	REFERENCE NO.						
A2010-VC28B							

126

TB45DE/TB48DE 4500 cc — 6 cyl.



Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.030 mm
1st Ring Anodized	MP: 20.00 mm

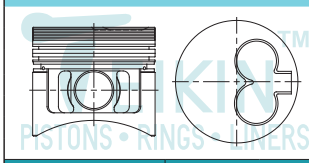
PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 99.50	1 - 2.0	Ø 22.990					
	1 - 1.5	TL 65.00					
CD 40.30							
TL 80.00	1 - 4.0						
TEIKIN NO. 44347	TEIKIN NO. R 44347	TEIKIN NO. P 44347					
REFERENCE NO. A2010-VB08B	REFERENCE NO. 12033-VB000						
A2010-VC28B							

127

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

CD17 — 1680 cc — 4 cyl.

Ø 80.00	1 - 1.75	Ø 24.000		TL 146.0	150.0	TEIKIN NO.
CD 41.10	1 - 2.0	TL 63.00		OD 84.0	84.0	LKFX 44262
-1.7	1 - 3.0			FT 4.8		LKSF 44262
TL 71.05				FD 86.0		LKSX 44262
						LKFX 44262A
						LKSF 44262A
						LKSX 44262A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44262	R 44262	P 44262	B 44262	LFX 44262
44262A				LSF 44262
				LSX 44262
				Surface Treatment: None

REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
12010-17A04	12033-16A00/10		12030-16A00	11012-16A00
12010-17A02	12036-16A00/10		12030-16A01	
12010-16A02	12038-16A00/10		12030-16A02	
12010-71A02				

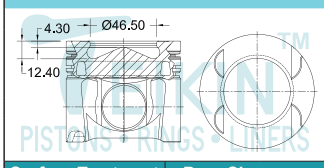
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 12.70 mm

128

R9M — 1598 cc — 4 cyl.

QASHQAI +2 (JJ10E)
QASHQAI (J10E, J11E, J11R)
X-TRAIL (T32, T32R, T32RR)
2011- 2018

Ø 80.00	1 - 2.0 HK	Ø 30.000		TL 146.0	146.0	TEIKIN NO.
CD 46.00	1 - 1.75	TL 60.00		OD 84.0	84.0	LKFX 44363AG
-12.4	1 - 2.0			FT 4.8		LKSF 44363AG
TL 70.50				FD 86.0		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
44363AG	R 44363	P 44363		LFX 44363
				LSF 44363
				Surface Treatment: None

REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12000-00Q20	A2033-00Q0D			
12000-00Q2N/2P/2R				
12000-00Q2S/2T/2Y/2Z				
12000-00QIN/IP/IR				
12000-00QIS/IT				

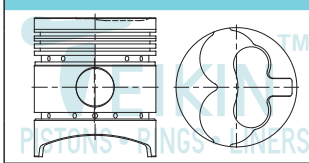
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.040 mm MP: 7.00 mm

129

SD22 — 2164 cc — 4 cyl.

CABSTAR 1977
CABALL, CLIPPER

Ø 83.00	1 - 2.5	Ø 26.000		TL 176.0		TEIKIN NO.
CD 48.00	2 - 2.0	TL 71.00		OD 87.0		LKFF 44210
-1.9	2 - 4.5			FT 5.08		LKSF 44210
TL 96.05				FD 92.95		LKFF 44210A
						LKSF 44210A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44210	R 44210	P 44210	B 44210	LFF 44210
44210A				LSF 44210
				Surface Treatment: None

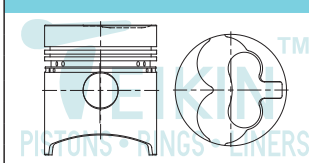
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
12010-Y1411	12033-76202/3		90043-84001/4	11012-76200
12010-Y5210	12033-V1310		90043-84018/50	11012-76201
12101-Y5211	12033-Y1400/2		90043-84057	11012-C8701
12010-J5310	12033-Y1410/2		90043-84105	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 20.30 mm

130

SD22-II — 2164 cc — 4 cyl.

Ø 83.00	1 - 2.5	Ø 26.000		TL 176.0		TEIKIN NO.
CD 48.00	1 - 2.0	TL 71.00		OD 87.0		LKFF 44291
-2.1	1 - 4.5			FT 5.08		LKSF 44291
TL 90.10				FD 92.95		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44291	R 44266	P 44210	B 44215	LFF 44210
				LSF 44210
				Surface Treatment: None

REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
12010-36W10	12033-02N00/1		12030-L2000	11012-76200
12010-R8110	12033-02N10/1			11012-76201
12010-R8111				11012-C8701

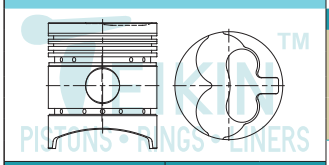
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 14.40 mm

131

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

SD33 — 3246 cc — 6 cyl.

Ø 83.00						
CD 48.00 / -1.9 / TL 96.05	1 - 2.5 / 2 - 2.0 / 2 - 4.5	Ø 26.000 / TL 71.00		TL 176.0 / OD 87.0 / FT 5.08 / FD 92.95		TEIKIN NO.: LKFF 44210-6, LKSF 44210-6, LKFF 44210A-6, LKSF 44210A-6
TEIKIN NO.: 44210-6, 44210A-6	TEIKIN NO.: R 44210-6	TEIKIN NO.: P 44210	TEIKIN NO.: B 44603	TEIKIN NO.: LFF 44210-6, LSF 44210-6		
				Surface Treatment: None		
REFERENCE NO.: 12010-Y1411, 12010-Y5210, 12010-Y5211, 12010-J5310	REFERENCE NO.: 12033-61500/2/3, 12033-C6810/12, 12033-J2200/1/2/4		REFERENCE NO.: 12030-37500	REFERENCE NO.: 11012-76200, 11012-76201, 11012-C8701		

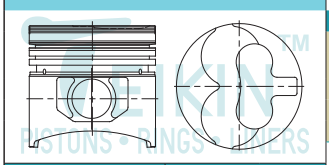


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 20.30 mm

132

SD33T — 3246 cc — 6 cyl.

Ø 83.00						
CD 48.20 / -2.0 / TL 80.20	1 - 2.5 HK / 1 - 2.0 / 1 - 4.0	Ø 26.000 / TL 68.00		TL 176.0 / OD 87.0 / FT 5.08 / FD 92.95		TEIKIN NO.: LKFF 44603, LKSF 44603, LKFF 44603A, LKSF 44603A
TEIKIN NO.: 44603, 44603A, (44282)	TEIKIN NO.: R 44603	TEIKIN NO.: P 44603	TEIKIN NO.: B 44603	TEIKIN NO.: LFF 44210-6, LSF 44210-6		
				Surface Treatment: None		
REFERENCE NO.: 12010-C8701, 12010-C8602	REFERENCE NO.: 12033-C8702, 12033-C8704		REFERENCE NO.: 12030-37500	REFERENCE NO.: 11012-76200, 11012-76201, 11012-C8701		

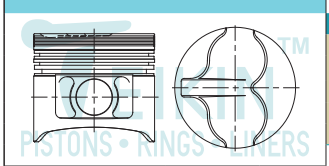


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 20.00 mm

133

CD20 — 1973 cc — 4 cyl.

Ø 84.50						
CD 44.30 / -3.3 / TL 75.50	2 - 2.0 / 1 - 3.0	Ø 25.000 / TL 67.00		TL 148.0 / OD 87.5 / FT 4.8 / FD 89.5	148.0 / 87.5	TEIKIN NO.: LKFX 44602, LKSF 44602, LKSX 44602, LKFX 44602A, LKSF 44602A, LKSX 44602A
TEIKIN NO.: 44602, 44602A, (44280)	TEIKIN NO.: R 44602	TEIKIN NO.: P 39157	TEIKIN NO.: B 44602	TEIKIN NO.: LFX 44602, LSF 44602, LSX 44602		
				Surface Treatment: None		
REFERENCE NO.: A2010-57J01, 12010-57J00, A2010-8E100, 12010-57J01/2/3/4, A2010-57J11/2/3/4	REFERENCE NO.: 12033-57J00, 12035-57J00, 12036-57J00		REFERENCE NO.: 12030-57J00	REFERENCE NO.: 11012-16A02		



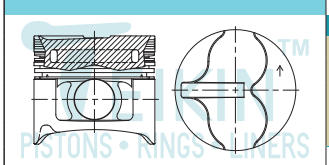
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.50 mm

134

CD20-T — 1973 cc — 4 cyl.

PRIMERA 1996-1999

Ø 84.50						
CD 44.30 / -2.6 / TL 75.60	1 - 2.0 HK / 1 - 2.0 / 1 - 3.0	Ø 28.000 / TL 66.50		TL 148.0 / OD 87.5 / FT 4.8 / FD 89.5	148.0 / 87.5	TEIKIN NO.: LKFX 44681AG, LKSF 44681AG, LKSX 44681AG
TEIKIN NO.: 44681AG	TEIKIN NO.: R 44681	TEIKIN NO.: P 44681	TEIKIN NO.: B 44681	TEIKIN NO.: LFX 44602, LSF 44602, LSX 44602		
				Surface Treatment: None		
REFERENCE NO.: A2010-1C310, A2010-2J600/2/3/4, A2010-2J671/2	REFERENCE NO.: 12033-1C300, 12035-1C300, 12036-1C300		REFERENCE NO.: 12030-1C300	REFERENCE NO.: 11012-16A02		



Surface Treatment	Bore Clearance
Tin Coated Anodized Crown	MRC: 0.030 mm MP: 14.00 mm

135

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

LD28 — 2792 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 84.50	2 - 2.0	Ø 25.000		TL 150.0	150.0	TEIKIN NO.
CD 46.40		TL 67.00		OD 88.5	88.5	LKSF 44625
-3.1	1 - 4.0			FT 5.0		LKSX 44625
TL 86.40				FD 90.0		LKSF 44625A
						LKSX 44625A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
44625	R 44625	P 39157	B 44625	LSF 44625		
44625A				LSX 44625		
(44285)				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
12010-V0702	12033-60L00		12030-V0700	11012-V0700		
12010-V0762	12033-V0700		12030-V0701			
12010-V5702	12036-60L00					
12010-V5756/62	12036-V0700					
12010-W2502						

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 22.50 mm

136

LD20 — 1952 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 85.00	2 - 2.0	Ø 25.000		TL 150.0	150.0	TEIKIN NO.
CD 46.35		TL 67.00		OD 89.0	89.0	LKFX 44176
-3.1	1 - 4.0			FT 2.0		LKSF 44176
TL 86.30				FD 93.0		LKSX 44176
						LKFX 44176A
						LKSF 44176A
						LKSX 44176A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
44176	R 44176	P 39157	B 44176	LFX 44176		
44176A				LSF 44176		
				LSX 44176		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
12010-18L02	12033-35E25		12030-V0700	11012-W1702		
12010-W1762	12033-V7225		12030-V0701			
12010-W1702	12033-W1700					
	12033-W3400					

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 22.75 mm

137

LD20-II — 1952 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 85.00	2 - 2.0	Ø 25.000		TL 150.0	150.0	TEIKIN NO.
CD 46.30		TL 67.00		OD 89.0	89.0	LKFX 44263
-2.5	1 - 4.0			FT 2.0		LKSF 44263
TL 77.75				FD 93.0		LKSX 44263
						LKFX 44263A
						LKSF 44263A
						LKSX 44263A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
44263	R 44176	P 39157	B 44176	LFX 44176		
44263A				LSF 44176		
				LSX 44176		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
12010-G5502	12033-35E25		12030-V0700	11012-W1702		
12010-G5562	12033-V7225		12030-V0701			
	12033-W1700					
	12033-W3400					

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 14.50 mm

138

LD20-T — 1952 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 85.00	2 - 2.0	Ø 26.000		TL 150.0	150.0	TEIKIN NO.
CD 46.40		TL 66.00		OD 89.0	89.0	LKFX 44624
-3.5	1 - 4.0			FT 2.0		LKSF 44624
TL 72.60				FD 93.0		LKSX 44624
						LKFX 44624A
						LKSF 44624A
						LKSX 44624A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		LKFX 44624AG
44624	R 44624	P G1113	B 44624	LFX 44176		LKSF 44624AG
44624A				LSF 44176		LKSX 44624AG
44624AG				LSX 44176		
(44284)				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
12010-W3402	12033-35E10		12030-W3400	11012-W1702		
	12033-W4200					
	12036-35E10					
	12036-W4200					

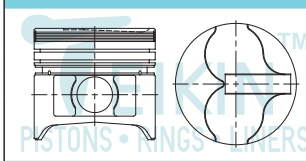
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 8.00 mm

139

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

RD28 — 2825 cc — 6 cyl.

Ø 85.00	2 - 2.0	Ø 25.000		TL	150.0	150.0	TEIKIN NO.
CD 46.50		TL 67.00		OD	89.0	89.0	LKFX 44606
-2.8	1 - 4.0			FT	2.0		LKSF 44606
TL 78.00				FD	93.0		LKSX 44606



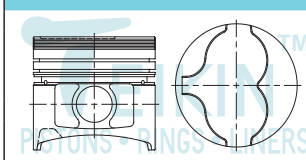
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44606 (44289)	R 44606	P 39157	B 44606	LFX 44606 LSF 44606 LSX 44606
				Surface Treatment: None
REFERENCE NO. 12010-V7213 A2010-V7213	REFERENCE NO. 12033-20V01 12033-22J00/11/21 12033-35E00 12033-40L01/11		REFERENCE NO. 12030-V7200	REFERENCE NO. 11012-V2070

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.50 mm

140

RD28-T — 2825 cc — 6 cyl.

Ø 85.00	2 - 2.0	Ø 27.000		TL	150.0	150.0	TEIKIN NO.
CD 46.80		TL 66.50		OD	89.0	89.0	LKFX 44623AG
-3.1	1 - 4.0			FT	2.0		LKSF 44623AG
TL 78.30				FD	93.0		LKSX 44623AG



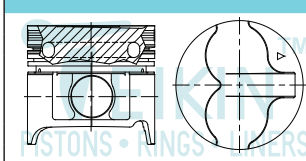
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44623AG (44281)	R 44606	P 44623	B 44623	LFX 44606 LSF 44606 LSX 44606
				Surface Treatment: None
REFERENCE NO. 12010-22J11 12010-22J62 12010-22J64	REFERENCE NO. 12033-20V01 12033-22J00/11/21 12033-35E00 12033-40L01/11		REFERENCE NO. 12030-22J01	REFERENCE NO. 11012-V2070

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.00 mm

141

RD28TI NEW — 2825 cc — 6 cyl.

Ø 85.00	1 - 2.0 HK 1 - 2.0	Ø 27.000 TL 61.50		TL	150.0	150.0	TEIKIN NO.
CD 46.80				OD	89.0	89.0	LKFX 44696AG
-1.8	1 - 4.0			FT	2.0		LKSF 44696AG
TL 78.30				FD	93.0		LKSX 44696AG



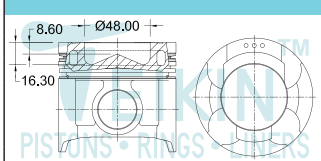
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44696AG	R 44696	P 46629	B 44623	LFX 44606 LSF 44606 LSX 44606
				Surface Treatment: None
REFERENCE NO. A2010-VB300 A2010-VB301 A2010-VB302 A2010-VB372 A2010-VB373	REFERENCE NO. 12033-81T10 12036-81T10 12038-81T10		REFERENCE NO. 12030-22J01	REFERENCE NO. 11012-V2070

Surface Treatment	Bore Clearance
Tin Coated Anodized Crown	MRC: 0.050 mm MP: 14.50 mm

142

YD22DDT/ETI — 2184 cc — 4 cyl.

Ø 86.00	1 - 2.0 HK 1 - 2.0	Ø 28.000 TL 61.50		TL	160.0	160.0	TEIKIN NO.
CD 49.00				OD	90.0	90.0	LKSF 44685AG
-16.3	1 - 3.0			FT	5.0		LKSX 44685AG
TL 79.90				FD	94.0		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44685AG	R 44685	P 44685	B 44671	LSF 44685 LSX 44685
				Surface Treatment: None
REFERENCE NO. A2010-VB300 A2010-VB301 A2010-VB302 A2010-VB372 A2010-VB373	REFERENCE NO. 12033-AW400 12033-4U400 12033-8H800 12033-8H810		REFERENCE NO. 12030-AD200	REFERENCE NO.

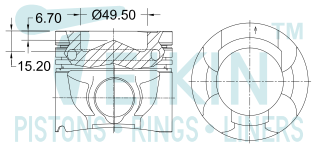
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.050 mm MP: 15.00 mm

143

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
						LINER		

YD22DDT/DDTI — 2184 cc — 4 cyl.

YD22ETI/TDI
ALMERA
PRIMERA
X-TRAIL
N16E

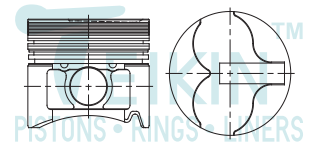


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.040 mm MP: 6.50 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 86.00	1 - 2.0 HK	Ø 28.000		TL	160.0	160.0	TEIKIN NO.
	1 - 2.0	TL 69.00		OD	90.0	90.0	LKSF 44697AG
CD 48.90				FT	5.0		LKSX 44697AG
-15.2	1 - 3.0			FD	94.0		
TL 73.80							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
44697AG	R 44685	P 44697	B 44671		LSF 44685 LSX 44685		
					Surface Treatment None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
A2010-AW400/1/2 A2010-AW471/2	12033-AW400 12033-4U400 12033-8H800 12033-8H810		12030-AD200				

144

LD23 — 2283 cc — 4 cyl.



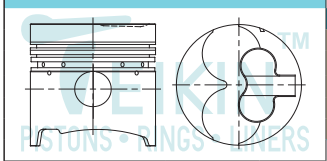
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 10.50 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 87.00	2 - 2.0	Ø 26.000		TL	160.0	160.0	TEIKIN NO.
		TL 62.70		OD	91.0	91.0	LKSF 44295
CD 47.20				FT	2.0		LKSX 44295
-2.2	1 - 3.0			FD	95.0		LKSF 44295A
TL 76.20							LKSX 44295A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
44295 44295A	R 44295	P 46270	B 44295		LSF 44295 LSX 44295		
					Surface Treatment None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
12010-9C626 A2010-9C626 12010-9C600 12010-9C625 12010-9C627/28/29	12033-2J626 12033-9C625 12033-9C626 12035-9C626		12030-9C600				

145

SD23 / SD25 — 2289 cc — 4 cyl.

1982

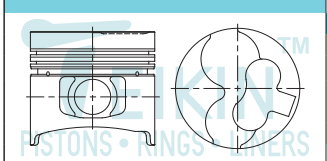


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 21.50 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 89.00	1 - 2.5	Ø 26.000		TL	172.0		TEIKIN NO.
	1 - 2.0	TL 74.00		OD	92.0		LKFF 44215
CD 48.00				FT	5.0		LKSF 44215
-2.9	1 - 4.5			FD	98.0		LKFF 44215A
TL 89.95							LKSF 44215A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
44215 44215A	R 44215	P 44215	B 44215		LFF 44215 LSF 44215		
					Surface Treatment None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
12010-09W01 12010-09W11 12010-L2002 12010-T6203/6/13/16/73 12010-T7200/2/10/12	12033-L2000/2/3/4/6		12030-L2000		11012-L2002 11012-L2003 11012-L2004		

146

TD23 — 2289 cc — 4 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 20.20 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 89.00	1 - 2.5	Ø 26.000		TL	160.0		TEIKIN NO.
	1 - 2.0	TL 74.00		OD	92.0		LKFF 44266
CD 48.25				FT	5.08		LKSF 44266
-1.6	1 - 4.0			FD	97.95		LKFF 44266A
TL 84.05							LKSF 44266A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
44266 44266A	R 44266	P 44215	B 44266		LFF 44266 LSF 44266		
					Surface Treatment None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
12010-02N07 12010-02N06 12010-02N16 12010-02N17	12033-02N00/1 12033-02N10/1		12030-02N00		11012-02N00 11012-02N10 11012-02N17		

147

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

YD25DDTi-II — 2488 cc — 4 cyl.

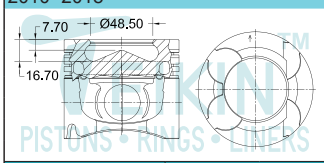
CABSTAR (F24M)
NAVARA (D40M, D40T)
FRONTIER (D4DBB), MURANO (251)
NAVARA NP300 (D23T, D23M)
2010- 2018

Ø	89.00
CD	48.80
	-16.7
TL	76.80

1 - 2.0 HK	
1 - 2.0	
1 - 3.0	

Ø	28.000
TL	69.00

	FLANGED	NO FLANGE
TL	167.0	167.0
OD	92.5	92.5
FT	4.0	
FD	93.95	
	*DIMENSION	IS FOR LFF



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44364AG	R 44671	P 44697	B 44671	LFF 44671 LSF 44671 LSX 44671
				Surface Treatment: None

REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
A2010-5X00A	12033-VK500/10/20		12030-AD200	
A2010-5X01A	12035-VK500/10/20			
A2010-5X02A	12036-VK500/10/20			
	A2033-VK510/20			

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 9.50 mm

TEIKIN NO.: LKFF 44364AG, LKSF 44364AG, LKSX 44364AG

148

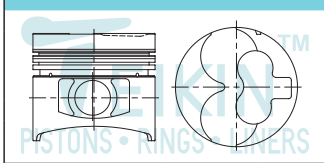
SD23/25-II — 2289 cc — 4 cyl.

Ø	89.00
CD	48.00
	-1.8
TL	80.00

1 - 2.5	
1 - 2.0	
1 - 4.5	

Ø	26.000
TL	74.00

TL	172.0	
OD	92.0	
FT	5.0	
FD	98.0	



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44622 44622A (44308)	R 44215	P 44215	B 44215	LFF 44215 LSF 44215
				Surface Treatment: None

REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
12010-T6205	12033-L2000/2/3/4/6		12030-L2000	11012-L2002
12010-T6206/2				11012-L2003
12010-T7204/5				11012-L2004
12010-T7206				
12010-09W10				

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 10.00 mm

TEIKIN NO.: LKFF 44622, LKSF 44622, LKFF 44622A, LKSF 44622A

149

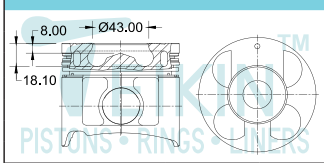
YD25TDI — 2488 cc — 4 cyl.

Ø	89.00
CD	48.80
	-18.1
TL	80.00

1 - 2.0 HK	
1 - 2.0	
1 - 3.0	

Ø	28.000
TL	61.00

	FLANGED	NO FLANGE
TL	167.0	167.0
OD	92.5	92.5
FT	4.0	
FD	93.95	
	*DIMENSION	IS FOR LFF



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44671A 44671AG	R 44671	P 44671	B 44671	LFF 44671 LSF 44671 LSX 44671
				Surface Treatment: None

REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
A2010-VK510	12033-VK500/10/20		12030-AD200	
A2010-VK515/6/7	12035-VK500/10/20			
A2010-VK511/2	12036-VK500/10/20			
A5010-VK576/7	A2033-VK510/20			
A2010-VK581/2				

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 14.00 mm

TEIKIN NO.: LKFF 44671A, LKSF 44671A, LKSX 44671A, LKFF 44671AG, LKSF 44671AG, LKSX 44671AG

150

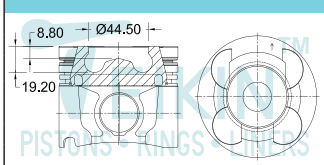
YD25TDI NEW — 2488 cc — 4 cyl.

Ø	89.00
CD	48.90
	-19.2
TL	73.80

1 - 2.0 HK	
1 - 2.0	
1 - 3.0	

Ø	28.000
TL	71.00

	FLANGED	NO FLANGE
TL	167.0	167.0
OD	92.5	92.5
FT	4.0	
FD	93.95	
	*DIMENSION	IS FOR LFF



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44684AG	R 44671	P 44684	B 44671	LFF 44671 LSF 44671 LSX 44671
				Surface Treatment: None

REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
A2010-EB30A	12033-VK500/10/20		12030-AD200	
A2010-EB31A	12035-VK500/10/20			
A2010-EB32A	12036-VK500/10/20			
A2010-EB38A	A2033-VK510/20			
A2010-EB39A				

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 6.00 mm

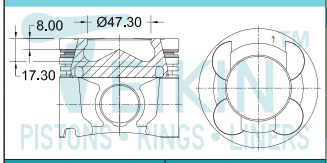
TEIKIN NO.: LKFF 44684AG, LKSF 44684AG, LKSX 44684AG

151

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

YD25DDTI 2488 cc — 4 cyl.

CABSTAR~NAVARA~ PATHFINDER (F24M~F40M~R51M) 2006-

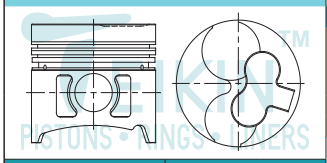


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 6.00 mm

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 89.00	1 - 2.0 HK	Ø 28.000		TL	167.0	167.0	TEIKIN NO.
	1 - 2.0	TL 71.00		OD	92.5	92.5	LKFF 44686AG
CD 48.90				FT	4.0		LKSF 44686AG
-17.3	1 - 3.0			FD	93.95		LKSX 44686AG
TL 73.80							
					*DIMENSION IS FOR LFF		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
44686AG	R 44671	P 44684	B 44671		LFF 44671 LSF 44671 LSX 44671		
					Surface Treatment		
					None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
A2010-EC00B A2010-EC01B A2010-EC02B A2010-EC08B A2010-EC09B	12033-VK500/10/20 12035-VK500/10/20 12036-VK500/10/20 A2033-VK510/20		12030-AD200				

152

TD25 2494 cc — 4 cyl.

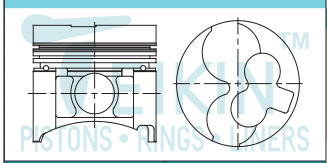


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 18.00 mm

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 92.90	1 - 2.5	Ø 28.000		TL	160.0		TEIKIN NO.
	1 - 2.0	TL 80.00		OD	95.86		LKFF 44255
CD 50.20				FT	5.08		LKSF 44255
-1.5	1 - 4.0			FD	102.0		LKSX 44255
TL 86.95							LKFF 44255A
							LKSF 44255A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		LKSX 44255A
44255 44255A	R 44255	P 44255	B 44255		LFF 44255 LSF 44255 LSX 44255		
					Surface Treatment		
					None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
12010-44G02 12010-44G12 12010-44G01	12033-44G10 A2033-44G00		12030-43G00		11012-44G05 11012-44G10 11012-87G00		

153

TD25 LATE 2494 cc — 4 cyl.

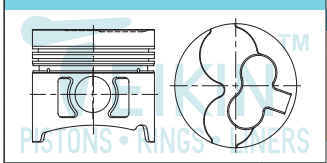


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 10.00 mm

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 92.90	1 - 2.5	Ø 30.000		TL	160.0		TEIKIN NO.
	1 - 2.0	TL 74.00		OD	95.86		LKFF 44666A
CD 50.30				FT	5.08		LKSF 44666A
-1.5	1 - 4.0			FD	102.0		LKSX 44666A
TL 86.00							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
44666A	R 44255	P 44666	B 44296		LFF 44255 LSF 44255 LSX 44255		
					Surface Treatment		
					None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
12010-44G15	12033-44G10 A2033-44G00		12030-31N00 12030-G2400		11012-44G05 11012-44G10 11012-87G00		

154

TD27 2663 cc — 4 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 15.80 mm

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 96.00	1 - 2.5	Ø 28.000		TL	160.0		TEIKIN NO.
	1 - 2.0	TL 80.00		OD	99.0		LKFF 44267
CD 50.20				FT	5.08		LKSF 44267
-1.7	1 - 4.0			FD	104.95		LKFF 44267A
TL 86.95							LKSF 44267A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
44267 44267A	R 44267	P 44255	B 44255		LFF 44267 LSF 44267		
					Surface Treatment		
					None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
12010-10T02 12010-10T12 12010-43G02 12010-43G12	12033-43G10/1 12033-54T10/1		12030-43G00		11012-2S000 11012-43G00 11012-43G05 11012-43G10		

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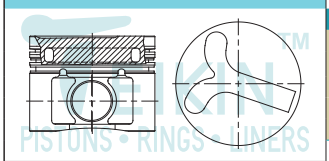
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

TD27-T - II — 2663 cc — 4 cyl.

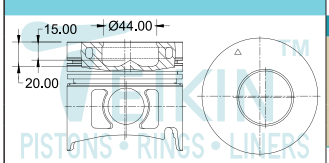
Ø 96.00							TEIKIN NO.
CD 50.50 / -1.7 / TL 74.00	1 - 2.5 HK 1 - 2.0 1 - 3.0	Ø 30.000 TL 79.80		TL 160.0 OD 99.0 FT 5.08 FD 104.95			LKFF 44296 LKSF 44296 LKFF 44296A LKSF 44296A LKFF 44296AG LKSF 44296AG
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**			
44296 44296A 44296AG	R 44296	P 44296	B 44296	LFF 44267 LSF 44267			
				Surface Treatment None			
REFERENCE NO.	**REFERENCE NO.**		**REFERENCE NO.**	**REFERENCE NO.**			
12010-7F406 A2010-7F406 A2010-7F407 A2010-7F408	12033-0W813/4 12033-0W81A 12033-2W211 12033-7F400		12030-31N00 12030-G2400	11012-2S000 11012-43G00 11012-43G05 11012-43G10			156



Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown	MRC: 0.030 mm MP: 6.50 mm

BD30 — 2953 cc — 4 cyl.

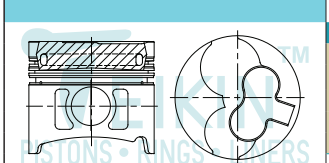
Ø 96.00							TEIKIN NO.
CD 53.10 / -20.0 / TL 89.50	1 - 2.5 1 - 2.0 1 - 4.0	Ø 30.000 TL 79.80		TL 170.0 OD 99.0 FT 5.0 FD 105.0			LKFF 44619 LKSF 44619 LKFF 44619AG LKSF 44619AG
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**			
44619 44619AG (44318)	R 44267	P 44296	B 44296	LFF 44619 LSF 44619			
				Surface Treatment None			
REFERENCE NO.	**REFERENCE NO.**		**REFERENCE NO.**	**REFERENCE NO.**			
12010-54T00 12012-54T01 12010-54T10	12033-43G10/1 12033-54T10/1		12030-31N00 12030-G2400	11012-54T00			157



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.00 mm

TD27-T — 2663 cc — 4 cyl.

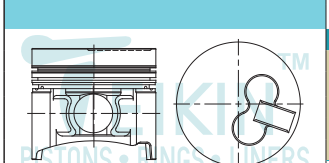
Ø 96.00							TEIKIN NO.
CD 50.20 / -1.7 / TL 87.00	1 - 2.5 HK 1 - 2.0 1 - 4.0	Ø 30.000 TL 79.80		TL 160.0 OD 99.0 FT 5.08 FD 104.95			LKFF 44621AG LKSF 44621AG
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**			
44621AG (44292)	R 44621	P 44296	B 44296	LFF 44267 LSF 44267			
				Surface Treatment None			
REFERENCE NO.	**REFERENCE NO.**		**REFERENCE NO.**	**REFERENCE NO.**			
12010-31N03 12010-05D00/10 12010-31N02/12/13	12033-31N11 12033-37N10 12033-63G10		12030-31N00 12030-G2400	11012-2S000 11012-43G00 11012-43G05 11012-43G10			158



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 16.25 mm

TD27-LATE — 2663 cc — 4 cyl.

Ø 96.00							TEIKIN NO.
CD 50.30 / -1.8 / TL 86.00	1 - 2.5 1 - 2.0 1 - 3.0	Ø 30.000 TL 74.00		TL 160.0 OD 99.0 FT 5.08 FD 104.95			LKFF 44630 LKSF 44630 LKFF 44630A LKSF 44630A
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**			
44630 44630A (44315)	R 44630	P 44630	B 44296	LFF 44267 LSF 44267			
				Surface Treatment None			
REFERENCE NO.	**REFERENCE NO.**		**REFERENCE NO.**	**REFERENCE NO.**			
12010-6T010 12010-6T000	12033-6T010/1		12030-31N00 12030-G2400	11012-2S000 11012-43G00 11012-43G05 11012-43G10			159

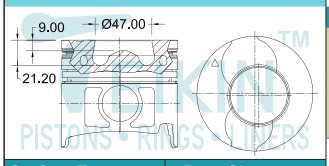


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 16.00 mm

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

BD30T — 2953 cc — 4 cyl.

Ø 96.00	1 - 2.5 HK	Ø 30.000		TL 170.0		TEIKIN NO.
	1 - 2.0	TL 79.80		OD 99.0		LKFF 44654AG
CD 53.00				FT 5.0		LKSF 44654AG
-21.2	1 - 3.0			FD 105.0		
TL 89.50						



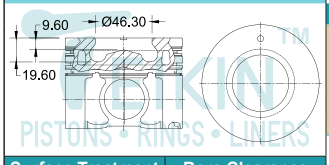
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44654AG	R 44296	P 44296	B 44296	LFF 44619 LSF 44619
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
12010-69T05 12010-69T06	12033-0W813/4 12033-0W81A 12033-2W211 12033-7F400		12030-31N00 12030-G2400	11012-54T00

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.50 mm

160

ZD30 — 2953 cc — 4 cyl.
PATROL(GR) ~ TERRANO 2 (R20 ~ Y61) 2000-2004

Ø 96.00	1 - 2.5 HK	Ø 33.000		TL 165.0	160.0	TEIKIN NO.
	1 - 2.0	TL 78.00		OD 100.0	100.0	LKSF 44672AG
CD 50.10				FT 5.0		LKSX 44672AG
-19.6	1 - 3.0			FD 104.0		
TL 74.10						



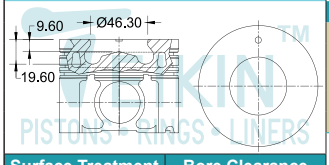
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44672AG	R 44296	P 44297	B 44297	LSF 44672 LSX 44672
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
12010-VC112 12010-VC111 12010-VC101 12010-VC102	12033-0W813/4 12033-0W81A 12033-2W211 12033-7F400		12030-1W400 12030-2W200	

Surface Treatment	Bore Clearance
Tin Coated Anodized Crown	MRC: 0.030 mm MP: 5.00 mm

161

ZD30 LATE — 2953 cc — 4 cyl.
PATROL(GR) ~ TERRANO 2 (R20 ~ Y61) 2004-2006

Ø 96.00	1 - 2.5 HK	Ø 33.000		TL 165.0	160.0	TEIKIN NO.
	1 - 2.0	TL 78.00		OD 100.0	100.0	LKSF 44673AG
CD 50.10				FT 5.0		LKSX 44673AG
-19.6	1 - 2.0			FD 104.0		
TL 74.10						



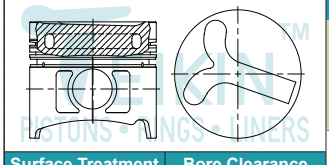
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44673AG	R 44673	P 44297	B 44297	LSF 44672 LSX 44672
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
12010-VK610 12010-VK600 12010-VX201 12010-VX211	12033-DB010 12033-VK610		12030-1W400 12030-2W200	

Surface Treatment	Bore Clearance
Tin Coated Anodized Crown	MRC: 0.030 mm MP: 5.00 mm

162

TD27-T NEW — 2664 cc — 4 cyl.

Ø 96.00	1 - 2.5 HK	Ø 30.000		TL 160.0		TEIKIN NO.
	1 - 2.0	TL 79.80		OD 99.0		LKFF 44674AG
CD 50.20				FT 5.08		LKSF 44674AG
-2.2	1 - 4.0			FD 104.95		
TL 87.00						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44674AG	R 44621	P 44296	B 44296	LFF 44267 LSF 44267
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
12010-63G01 12010-63G11	12033-31N11 12033-37N10 12033-63G10		12030-31N00 12030-G2400	11012-2S000 11012-43G00 11012-43G05 11012-43G10

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 16.25 mm

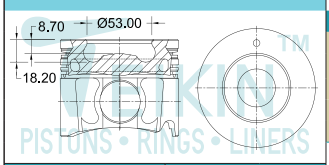
163

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

ZD30DDTI — 2953 cc — 4 cyl.

CABSTAR PATROL
F24M
Y61
2006-

Ø 96.00							
CD 50.10	1 - 2.5 HK	Ø 33.000		TL	165.0	160.0	TEIKIN NO.
-18.2	1 - 2.0	TL 78.10		OD	100.0	100.0	LKSF 44678AG
TL 78.10	1 - 2.0			FT	5.0		LKSX 44678AG
				FD	104.0		
TEIKIN NO. 44678AG	TEIKIN NO. R 44673	TEIKIN NO. P 44297	TEIKIN NO. B 44297	TEIKIN NO. LSF 44672 LSX 44672			
REFERENCE NO. 12010-DB000 12010-DB010	REFERENCE NO. 12033-DB010 12033-VK610		REFERENCE NO. 12030-1W400 12030-2W200	Surface Treatment: None			



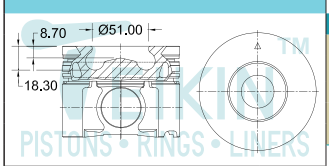
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 8.50 mm

164

ZD30DD — 2953 cc — 4 cyl.

URVAN (E25)

Ø 96.00							
CD 50.10	1 - 2.0	Ø 33.000		TL	165.0	160.0	TEIKIN NO.
-18.3	1 - 1.2	TL 78.00		OD	100.0	100.0	LKSF 44702AG
TL 74.10	1 - 2.0			FT	5.0		LKSX 44702AG
				FD	104.0		
TEIKIN NO. 44702AG	TEIKIN NO. R 44702	TEIKIN NO. P 44297	TEIKIN NO. B 44297	TEIKIN NO. LSF 44672 LSX 44672			
REFERENCE NO. 12010-VW200 12010-VW210 12010-VW211B	REFERENCE NO. 12033-VW211		REFERENCE NO. 12030-1W400 12030-2W200	Surface Treatment: None			

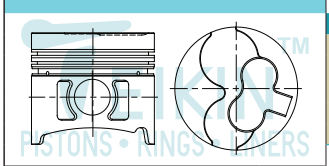


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 5.00 mm

165

TD42 — 6 cyl.

Ø 96.00							
CD 50.20	1 - 2.5	Ø 28.000		TL	164.0		TEIKIN NO.
-1.7	1 - 2.0	TL 80.00		OD	99.0		LKFF 44267-6
TL 86.95	1 - 4.0			FT	5.08		LKSF 44267-6
				FD	104.95		LKFF 44267A-6
							LKSF 44267A-6
TEIKIN NO. 44267-6 44267A-6	TEIKIN NO. R 44267-6	TEIKIN NO. P 44255	TEIKIN NO. B 44267-6	TEIKIN NO. LFF 44267-6 LSF 44267-6			
REFERENCE NO. 12010-10T02 12010-10T12 12010-43G02 12010-43G12	REFERENCE NO. 12033-06J01 12033-06J10 12033-06J11		REFERENCE NO. 12030-43G00	Surface Treatment: None			
				REFERENCE NO. 11012-06J00			



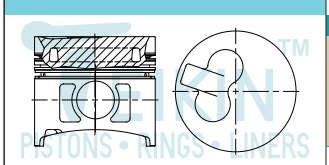
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 15.80 mm

166

TD42T-II — 4169 cc — 6 cyl.

NISSAN PATROL (93 - 97)
SAFARI (93 - 97)
NISSAN CIVILIAN (00 - 04)

Ø 96.00							
CD 50.30	1 - 2.5 HK	Ø 30.000		TL	164.0		TEIKIN NO.
-1.8	1 - 2.0	TL 79.80		OD	99.0		LKFF 44367AG
TL 87.00	1 - 3.0			FT	5.08		LKSF 44367AG
				FD	104.95		
TEIKIN NO. 44367AG	TEIKIN NO. R 44367	TEIKIN NO. P 44296	TEIKIN NO. B 44630-6	TEIKIN NO. LFF 44267-6 LSF 44267-6			
REFERENCE NO. 12010-09D11 12010-09D01	REFERENCE NO. 12033-0W813/4 12033-DY712 12033-WJ115 12033-WJ116		REFERENCE NO. 12030-31N00	Surface Treatment: None			
				REFERENCE NO. 11012-06J00			



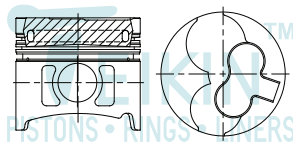
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.50 mm

167

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

TD42-T — 4169 cc — 6 cyl.

Ø 96.00	1 - 2.5 HK	Ø 30.000			TL 164.0		TEIKIN NO.
	1 - 2.0	TL 79.80			OD 99.0		LKFF 44621AG-6
CD 50.20					FT 5.08		LKSF 44621AG-6
-1.7	1 - 4.0				FD 104.95		
TL 87.00							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
44621AG-6 (44292)	R 44621-6	P 44296	B 44630-6		LFF 44267-6 LSF 44267-6		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
12010-31N03 12010-05D00 12010-05D10	12033-05D01		12030-31N00		11012-06J00		

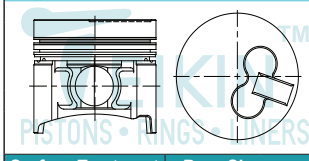


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 16.25 mm

168

TD42-LATE — 4169 cc — 6 cyl.

Ø 96.00	1 - 2.5	Ø 30.000			TL 164.0		TEIKIN NO.
	1 - 2.0	TL 74.00			OD 99.0		LKFF 44630-6
CD 50.30					FT 5.08		LKSF 44630-6
-1.8	1 - 3.0				FD 104.95		LKFF 44630A-6
TL 86.00							LKSF 44630A-6
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
44630-6 44630A-6	R 44630-6	P 44630	B 44630-6		LFF 44267-6 LSF 44267-6		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
12010-6T010 12010-6T000	12033-06J15		12030-31N00		11012-06J00		

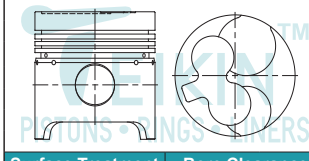


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 16.00 mm

169

ED30 — 2956 cc — 4 cyl.

Ø 98.00	1 - 3.0	Ø 32.000			TL 184.5		TEIKIN NO.
	2 - 2.0	TL 85.00			OD 111.0		LKFF 44670
CD 59.00					FT 8.0 + 0.9		
-1.5	1 - 4.5				FD 117.0		
TL 103.00							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
44670	R 44670	P 44670	B 44670		LFF 44670		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
12010-J2000 12010-J2001	12033-J2001/2/4 12033-J2006/8 97011-02139		12030-J2000		11012-J2000 11012-J2001		

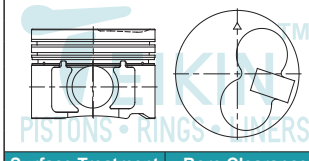


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.110 mm MP: 10.00 mm

170

QD32 — 3153 cc — 4 cyl.

Ø 99.20	1 - 2.5	Ø 33.000			TL 160.0	155.0	TEIKIN NO.
	1 - 2.0	TL 78.00			OD 103.2	103.2	LKFF 44297
CD 45.20					FT 5.0		LKFX 44297
-2.4	1 - 3.0				FD 106.95		LKSF 44297
TL 69.90							LKSX 44297
					*DIMENSION IS FOR LSF		LKFF 44297A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		LKFX 44297A
44297 44297A	R 44297	P 44297	B 44297		LFF 44297* LFX 44297 LSF 44297 LSX 44297		LKSF 44297A
					Surface Treatment: *Phosphate (PH)		LKSX 44297A
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
12010-2S605	12033-2S610		12030-1W400 12030-2W200		11012-2S611		



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 5.00 mm

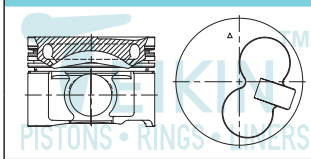
171

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

QD32TI — 3153 cc — 4 cyl.

Ø 99.20	1 - 2.5 HK 1 - 2.0 1 - 3.0	Ø 33.000 TL 79.00		TL 160.0 / 155.0 OD 103.2 / 103.2 FT 5.0 FD 106.95 *DIMENSION IS FOR LSF	TEIKIN NO. LKFF 44683AG LKFX 44683AG LKSF 44683AG LKSX 44683AG
CD 45.30 -2.6 TL 69.80					
TEIKIN NO. 44683AG	**TEIKIN NO.** R 44683	**TEIKIN NO.** P 44683	**TEIKIN NO.** B 44297	**TEIKIN NO.** LFF 44297* LFX 44297 LSF 44297 LSX 44297 **Surface Treatment** *Phosphate (PH)	
REFERENCE NO. 12010-2S615	**REFERENCE NO.** 12033-1W411		**REFERENCE NO.** 12030-1W400 12030-2W200	**REFERENCE NO.** 11012-2S611	

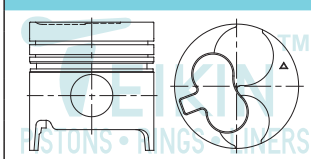


Surface Treatment	Bore Clearance
Tin Coated Anodized Crown	MRC: 0.060 mm MP: 5.50 mm

172

ED33 — 3298 cc — 4 cyl.

Ø 100.00	1 - 3.0 1 - 2.0 1 - 4.5	Ø 34.000 TL 84.00		TL 191.0 OD 111.96 FT 8.1 + 1.0 FD 118.0	TEIKIN NO. LKFF 44605 LKSF 44605 LKFF 44605A LKSF 44605A
CD 59.00 -1.9 TL 103.00					
TEIKIN NO. 44605 44605A (44286)	**TEIKIN NO.** R 44605	**TEIKIN NO.** P 43617	**TEIKIN NO.** B 44605	**TEIKIN NO.** LFF 44605 LSF 44605 **Surface Treatment** None	
REFERENCE NO. 12010-J6500/1 12010-T9000/1 12010-T9010/20	**REFERENCE NO.** 12033-J6500/1 12033-J9000 12033T9000 12033-Z5004		**REFERENCE NO.** 12030-Z5000	**REFERENCE NO.** 11012-T9000 11012-T9001	

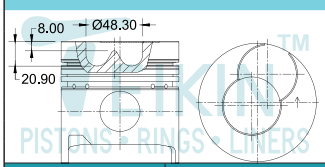


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.120 mm MP: 11.00 mm

173

FD33-T — 3298 cc — 4 cyl.

Ø 100.00	1 - 3.1 HK 1 - 2.0 1 - 4.5	Ø 34.000 TL 85.00		TL 191.0 OD 113.0 FT 8.0 + 1.0 FD 119.0	TEIKIN NO. LKFF 44629A
CD 59.20 -20.9 TL 103.20					
TEIKIN NO. 44629A (44313)	**TEIKIN NO.** R 44629	**TEIKIN NO.** P 44629	**TEIKIN NO.** B 44605	**TEIKIN NO.** LFF 44629 **Surface Treatment** None	
REFERENCE NO. 12010-T9300 12010-T9310	**REFERENCE NO.** 12033-T9302 12033-T9307 12033-T9308		**REFERENCE NO.** 12030-Z5000	**REFERENCE NO.** 11012-02T01 11012-02T10 11012-T9017	

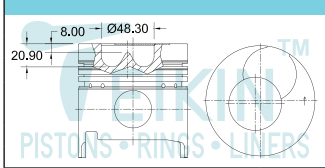


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.120 mm MP: 15.00 mm

174

FD33 — 3298 cc — 4 cyl.

Ø 100.00	1 - 3.0 1 - 2.0 1 - 4.5	Ø 34.000 TL 85.00		TL 191.0 OD 113.0 FT 8.0 + 1.0 FD 119.0	TEIKIN NO. LKFF 44698A
CD 59.20 -20.9 TL 103.20					
TEIKIN NO. 44698A	**TEIKIN NO.** R 44605	**TEIKIN NO.** P 44698	**TEIKIN NO.** B 44605	**TEIKIN NO.** LFF 44629 **Surface Treatment** None	
REFERENCE NO. 12010-T9313 12011-T9313	**REFERENCE NO.** 12033-J6500/1 12033-J9000 12033T9000 12033-Z5004		**REFERENCE NO.** 12030-Z5000	**REFERENCE NO.** 11012-02T01 11012-02T10 11012-T9017	



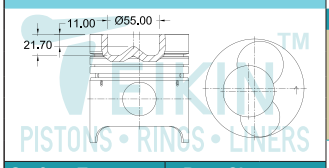
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.120 mm MP: 22.50 mm

175

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

FD6T — 5654 cc — 6 cyl.

Ø 100.00	1 - 3.0 HK 1 - 2.0 1 - 4.5	Ø 34.000 TL 83.50		TL 212.0 OD 112.0 FT 8.0 + 1.0 FD 118.0	TEIKIN NO. LKFF 44323A
CD 65.50 -21.7 TL 109.50					



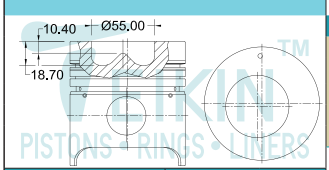
TEIKIN NO. 44323 44323A	TEIKIN NO. R 44323	TEIKIN NO. P 39138	TEIKIN NO. B 44323	TEIKIN NO. LFF 44323* Surface Treatment Chromed O.D.	
REFERENCE NO. 12011-Z5572	REFERENCE NO. 12040-Z5528		REFERENCE NO. 12030-Z5000	REFERENCE NO. 11012-Z5001 11012-Z5020 11012-Z5508/9 11012-Z5512/6	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.130 mm MP: 21.75 mm

176

FD6T-II — 5654 cc — 6 cyl.

Ø 100.00	1 - 3.0 HK 1 - 2.0 1 - 4.5	Ø 34.000 TL 83.50		TL 212.0 OD 112.0 FT 8.0 + 1.0 FD 118.0	TEIKIN NO. LKFF 44657A
CD 65.50 -18.7 TL 109.50					



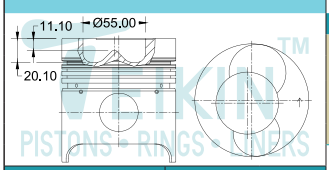
TEIKIN NO. 44657A	TEIKIN NO. R 44323	TEIKIN NO. P 39138	TEIKIN NO. B 44323	TEIKIN NO. LFF 44323* Surface Treatment Chromed O.D.	
REFERENCE NO. 12010-Z5600	REFERENCE NO. 12040-Z5528		REFERENCE NO. 12030-Z5000	REFERENCE NO. 11012-Z5001 11012-Z5020 11012-Z5508/9 11012-Z5512/6	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.120 mm MP: 21.75 mm

177

FD6T-III — 5654 cc — 6 cyl.

Ø 100.00	1 - 3.0 HK 2 - 2.0 1 - 4.5	Ø 34.000 TL 83.50		TL 212.0 OD 112.0 FT 8.0 + 1.0 FD 118.0	TEIKIN NO. LKFF 44658A
CD 65.50 -20.1 TL 109.50					



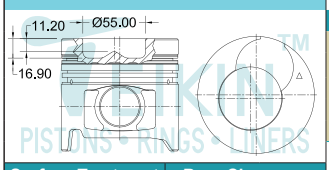
TEIKIN NO. 44658A	TEIKIN NO. R 44658	TEIKIN NO. P 39138	TEIKIN NO. B 44323	TEIKIN NO. LFF 44323* Surface Treatment Chromed O.D.	
REFERENCE NO. 12011-Z5509	REFERENCE NO. 12033-Z5502 12033-Z5527 12040-Z5527		REFERENCE NO. 12030-Z5000	REFERENCE NO. 11012-Z5001 11012-Z5020 11012-Z5508/9 11012-Z5512/6	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.120 mm MP: 21.75 mm

178

FD35 — 3465 cc — 4 cyl.

Ø 102.50	2 - 2.0 1 - 4.0	Ø 34.000 TL 83.50		TL 191.0 OD 113.20 FT 8.05 + 1.0 FD 119.22 *DIMENSION IS FOR LSF	TEIKIN NO. LKFF 44620 LKSF 44620 LKFF 44620A LKSF 44620A
CD 59.20 -16.9 TL 98.20					



TEIKIN NO. 44620 44620A (44288)	TEIKIN NO. R 44620	TEIKIN NO. P 39138	TEIKIN NO. B 44605	TEIKIN NO. LFF 44620 LSF 44620 Surface Treatment None	
REFERENCE NO. 12010-01T04	REFERENCE NO. 12033-01T10		REFERENCE NO. 12030-Z5000	REFERENCE NO. 11012-01T01	

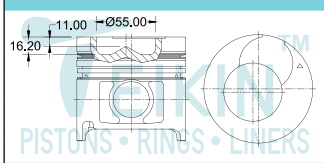
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 14.50 mm

179

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

FD35-T — 3465 cc — 4 cyl.

Ø 102.50	1 - 3.0 HK	Ø 34.000		TL 191.0		TEIKIN NO.
	1 - 2.0	TL 85.00		OD 113.20		LKFF 44659
CD 59.20				FT 8.05 + 1.0		LKSF 44659
-16.2	1 - 4.0			FD 119.22		LKFF 44659A
TL 98.10						LKSF 44659A
				*DIMENSION IS FOR LSF		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
44659	R 44659	P 44629	B 44605	LFF 44620		
44659A				LSF 44620		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
12010-01T03	12033-01T60		12030-Z5000	11012-01T01		

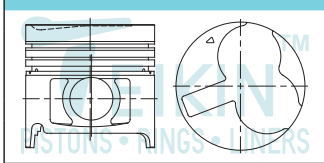


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 15.00 mm

180

ED35 — 3465 cc — 4 cyl.

Ø 102.50	1 - 3.0	Ø 34.000		TL 191.0		TEIKIN NO.
	1 - 2.0	TL 85.00		OD 113.20		LKFF 44694
CD 59.00				FT 8.05 + 1.0		LKSF 44694
-4.2	1 - 4.0			FD 119.22		LKFF 44694A
TL 98.00						LKSF 44694A
				*DIMENSION IS FOR LSF		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
44694	R 44694	P 44694	B 44605	LFF 44620		
44694A				LSF 44620		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
12010-56T12	12033-56T10		12030-Z5000	11012-01T01		

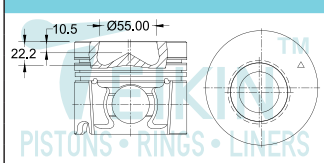


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 15.00 mm

181

FD46 — 4617 cc — 4 cyl.

Ø 108.00	1 - 3.0	Ø 36.000		TL 213.5		TEIKIN NO.
	1 - 2.0	TL 92.50		OD 111.0		LKFF 44618
CD 59.20				FT 8.0 + 1.0		LKSF 44618
-22.2	1 - 4.0			FD 116.0		LKFF 44618A
TL 87.10						LKSF 44618A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
44618	R 44618	P 44261	B 44618	LFF 44618		
44618A				LSF 44618		
(44314)				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
12010-0T302	12033-0T000/10		12030-0T000	11012-0T300		
12010-0T312	12033-0T011/60		12030-0T001	11012-03T001		

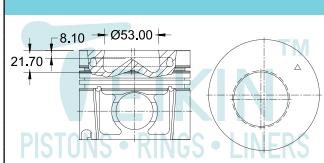


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 9.00 mm

182

FD42 — 4214 cc — 4 cyl.

Ø 108.00	1 - 3.0	Ø 36.000		TL 197.0		TEIKIN NO.
	1 - 2.0	TL 93.00		OD 111.0		LKFF 44665AG
CD 59.20				FT 8.0 + 0.9		LKSF 44665AG
-21.7	1 - 4.0			FD 115.9		
TL 87.10						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
44665AG	R 44618	P 44665	B 44618	LFF 44665		
				LSF 44665		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
12010-0T016	12033-0T000/10		12030-0T000	11012-0T000		
	12033-0T011/60		12030-0T001	11012-0T001		



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 8.00 mm

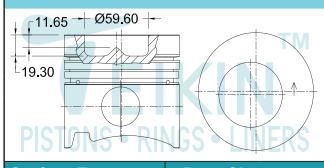
183

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

FE6T — 6925 cc — 6 cyl.

CKA87H

Ø 108.00	1 - 3.0 HK 1 - 2.0 1 - 4.0	Ø 36.000 TL 92.50		TL 217.0 OD 111.0 FT 8.0 + 0.9 FD 116.0	TEIKIN NO. LKFF 44261 LKSF 44261 LKFF 44261A LKSF 44261A
CD 65.50 -19.3 TL 103.50					
TEIKIN NO. 44261 44261A	**TEIKIN NO.** R 44261	**TEIKIN NO.** P 44261	**TEIKIN NO.** B 44244	**TEIKIN NO.** LFF 44261* LSF 44261 **Surface Treatment** *Phosphate (PH)	
REFERENCE NO. 12010-96507 12011-96507 12011-Z5768	**REFERENCE NO.** 12040-Z5502 12040-Z5512 12040-Z5517		**REFERENCE NO.** 12030-95000 12030-95001	**REFERENCE NO.** 11012-Z5518	

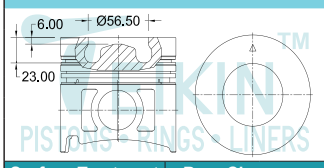


Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.150 mm MP: 15.60 mm

184

FE6T-II — 6 cyl.

Ø 108.00	1 - 2.5 HK 1 - 2.0 1 - 4.0	Ø 36.000 TL 92.50		TL 217.0 OD 111.0 FT 8.0 + 0.9 FD 116.0	TEIKIN NO. LKFF 44344A LKSF 44344A
CD 65.50 -23.0 TL 103.50					
TEIKIN NO. 44344A	**TEIKIN NO.** R 44656	**TEIKIN NO.** P 44261	**TEIKIN NO.** B 44244	**TEIKIN NO.** LFF 44261* LSF 44261 **Surface Treatment** *Phosphate (PH)	
REFERENCE NO. 12013-Z5572	**REFERENCE NO.** 12040-Z5519 12040-Z5560/1 12040-Z5564 12040-Z5919		**REFERENCE NO.** 12030-95000 12030-95001	**REFERENCE NO.** 11012-Z5518	

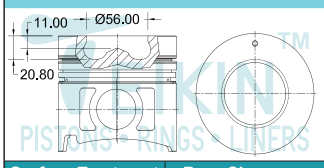


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 15.50 mm

185

FE6-TC — 6925 cc — 6 cyl.

Ø 108.00	1 - 2.6 HK 1 - 2.0 1 - 3.0	Ø 36.000 TL 92.50		TL 217.0 OD 111.0 FT 8.0 + 0.9 FD 116.0	TEIKIN NO. LKFF 44348A LKSF 44348A
CD 65.60 -20.8 TL 103.50					
TEIKIN NO. 44348A	**TEIKIN NO.** R 44348	**TEIKIN NO.** P 44261	**TEIKIN NO.** B 44244	**TEIKIN NO.** LFF 44261* LSF 44261 **Surface Treatment** *Phosphate (PH)	
REFERENCE NO. 12013-Z5712	**REFERENCE NO.** 12040-Z5608		**REFERENCE NO.** 12030-95000 12030-95001	**REFERENCE NO.** 11012-Z5518	

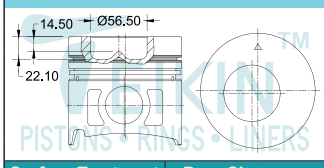


Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.030 mm MP: 15.50 mm

186

FE6TA — 6925 cc — 6 cyl.

Ø 108.00	1 - 2.5 HK 1 - 2.0 1 - 4.0	Ø 36.000 TL 92.50		TL 217.0 OD 111.0 FT 8.0 + 0.9 FD 116.0	TEIKIN NO. LKFF 44656A LKSF 44656A
CD 65.50 -22.1 TL 103.50					
TEIKIN NO. 44656A	**TEIKIN NO.** R 44656	**TEIKIN NO.** P 44261	**TEIKIN NO.** B 44244	**TEIKIN NO.** LFF 44261* LSF 44261 **Surface Treatment** *Phosphate (PH)	
REFERENCE NO. 12010-Z5507	**REFERENCE NO.** 12040-Z5519 12040-Z5560/1 12040-Z5564 12040-Z5919		**REFERENCE NO.** 12030-95000 12030-95001	**REFERENCE NO.** 11012-Z5518	



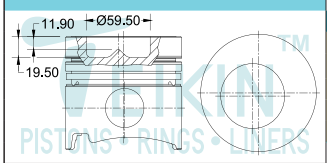
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 15.50 mm

187

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

FE6 — 6925 cc — 6 cyl.

Ø 108.00	1 - 3.0 1 - 2.0 1 - 4.0	Ø 36.000 TL 92.00		TL 217.0 OD 111.0 FT 8.0 + 0.9 FD 116.0	TEIKIN NO. LKFF 44667A LKSF 44667A
CD 65.30 -19.5 TL 103.50					



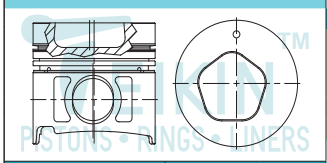
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44667A	R 44667	P 44261	B 44244	LFF 44261* LSF 44261
				Surface Treatment *Phosphate (PH)
REFERENCE NO. 12011-Z5615 12011-Z5801	REFERENCE NO. 12040-Z5211 12040-Z5504 12040-Z5511		REFERENCE NO. 12030-95000 12030-95001	REFERENCE NO. 11012-Z5518

Surface Treatment	Bore Clearance
Tin Coated Anodized Crown	MRC: 0.160 mm MP: 15.00 mm

188

FE6T NEW — 6925 cc — 6 cyl.

Ø 108.00	1 - 2.5 HK 1 - 2.0 1 - 4.0	Ø 36.000 TL 90.00		TL 217.0 OD 111.0 FT 8.0 + 0.9 FD 116.0	TEIKIN NO. LKFF 44692A LKSF 44692A
CD 65.50 -21.0 TL 103.50					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44692A	R 44656	P 44692	B 44244	LFF 44261* LSF 44261
				Surface Treatment *Phosphate (PH)
REFERENCE NO. 12010-Z5968 12011-Z5968	REFERENCE NO. 12040-Z5519 12040-Z5560/1 12040-Z5564 12040-Z5919		REFERENCE NO. 12030-95000 12030-95001	REFERENCE NO. 11012-Z5518

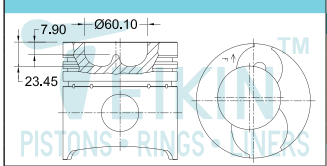
Surface Treatment	Bore Clearance
Tin Coated Anodized Crown	MRC: 0.040 mm MP: 14.50 mm

189

ND6 — 6842 cc — 6 cyl.

CK 10
1969

Ø 110.00	1 - 4.0 1 - 3.0 1 - 5.0	Ø 36.000 TL 94.50		TL 229.0 OD 115.0 FT 3.0 + 1.0 FD 118.9	TEIKIN NO. LKFF 44244 LKSF 44244
CD 68.20 -23.4 TL 113.05					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44244 44244A	R 44244	P 44244	B 44244	LFF 44244 LSF 44244
				Surface Treatment None
REFERENCE NO. 12011-95000 12011-95004	REFERENCE NO. 12040-90127 12040-95006 12040-95025		REFERENCE NO. 12030-95000 12030-95001	REFERENCE NO. 11012-95001 11012-95002

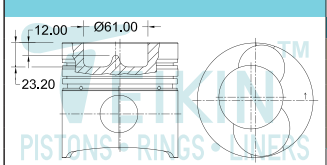
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.150 mm MP: 20.50 mm

190

NE6 — 7412 cc — 6 cyl.

CK 12

Ø 110.00	1 - 3.0 HK 1 - 2.5 1 - 4.0	Ø 36.000 TL 94.50		TL 229.0 OD 115.0 FT 3.0 + 1.0 FD 118.9	TEIKIN NO. LKFF 44246 LKSF 44246 LKFF 44246A LKSF 44246A
CD 68.20 -23.2 TL 110.20					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44246 44246A	R 44246	P 44244	B 44244	LFF 44244 LSF 44244
				Surface Treatment None
REFERENCE NO. 12011-95105 12011-95073	REFERENCE NO. 12040-95012/3/4/6 12040-95029 12040-95125		REFERENCE NO. 12030-95000 12030-95001	REFERENCE NO. 11012-95001 11012-95002

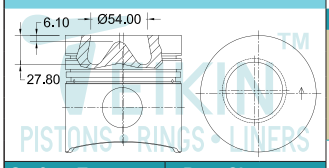
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.160 mm MP: 17.00 mm

191

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

NE6T — 7412 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 110.00	1 - 3.0 HK	Ø 38.000				
	1 - 2.5	TL 92.50				
CD 68.30						
-27.8	1 - 4.0					
TL 110.30						
TEIKIN NO.		TEIKIN NO.				
44320A		P 43105				
REFERENCE NO.						
12011-94114						

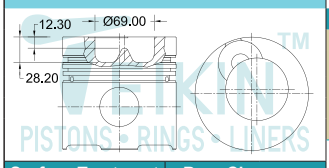


Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.140 mm MP: 16.50 mm

192

PD6 — 10308 cc — 1970 — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 125.00	1 - 5.0	Ø 46.000		TL 259.0		TEIKIN NO.
	1 - 3.5	TL 107.00		OD 130.0		LKFF 44236
CD 82.00				FT 3.0 + 1.0		LKFF 44236A
-28.2	1 - 5.0			FD 133.9		
TL 132.00						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
44236	R 44236	P 44236	B 44236	LFF 44236		
44236A						
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
12011-96000	12040-90029		12030-96000	11012-96000		
12011-96007	12040-96009/26		12030-96001	11012-96001		
	12040-96127					
	12040-96226					

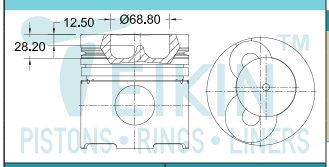


Surface Treatment	Bore Clearance
None	MRC: 0.150 mm MP: 20.00 mm

193

PD6-T — 10308 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 125.00	1 - 4.0 FK	Ø 46.000		TL 259.0		TEIKIN NO.
	1 - 3.5	TL 108.00		OD 130.0		LKFF 44679A
CD 82.00				FT 3.0 + 1.0		
-28.2	1 - 5.0			FD 134.0		
TL 132.00						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
44679A	R 44679	P 44679	B 44236	LFF 44236		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
12011-96005	12040-90228		12030-96000	11012-96000		
12011-96009	12040-96005		12030-96001	11012-96001		
	12040-96125/9					

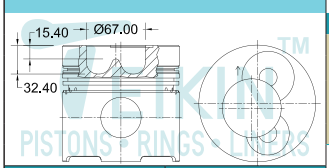


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.170 mm MP: 13.50 mm

194

PE6-T — 11670 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 133.00	1 - 4.0 HK	Ø 46.000		TL 259.0		TEIKIN NO.
	1 - 3.5	TL 116.00		OD 138.0		LKFF 44330A
CD 82.00				FT 3.0 + 1.0		
-32.4	1 - 6.0			FD 142.0		
TL 132.00						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
44330A	R 44330	P 44242	B 44236	LFF 44330		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
12011-96509	12040-96504		12030-96000	11012-96500		
12011-96776	12040-96509		12030-96001	11012-96501		
12011-96564	12040-96513			11012-96566		
	12040-96518					



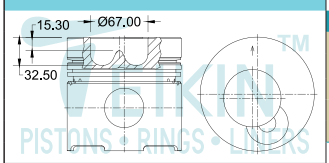
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.170 mm MP: 10.00 mm

195

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

PE6 — 11670 cc — 6 cyl.

Ø 133.00	1 - 4.0 FK	Ø 46.000		TL 259.0		TEIKIN NO.
CD 82.00	1 - 3.5	TL 116.00		OD 138.0		LKFF 44655A
-32.5	1 - 6.0			FT 3.0 + 1.0		
TL 132.00				FD 142.0		



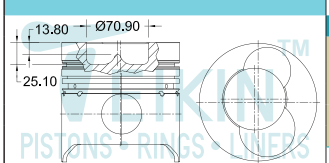
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44655A	R 44655	P 44242	B 44236	LFF 44330
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
12011-96508	12040-96028		12030-96000	11012-96500
12011-96516	12040-96128		12030-96001	11012-96501
	12040-96500			11012-96566
	12040-96503			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.160 mm MP: 13.50 mm

196

RD8 — 14313 cc — 1972 — 8 cyl.

Ø 135.00	1 - 4.0	Ø 46.000		TL 243.0		TEIKIN NO.
CD 82.00	1 - 3.0	TL 116.00		OD 152.96		LKFF 44242
-25.1	1 - 6.0			FT 8.15 + 1.0		LKFF 44242A
TL 136.90				FD 161.05		



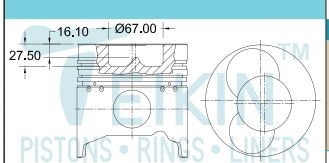
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44242 44242A	R 44242	P 44242	B 44242-10	LFF 44242
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
12011-97004	12040-97007		12030-97000	11012-97001
12011-97006	12040-97126		12030-97001	11012-97025
12011-97012/79	12040-97127		12030-97002	11012-97063
	12040-97527			11012-97077

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.160 mm MP: 26.00 mm

197

RE8 — 8 cyl.

Ø 135.00	2 - 3.0	Ø 46.000		TL 238.0		TEIKIN NO.
CD 78.50		TL 116.00		OD 154.0		LKFF 44264A
-27.5	1 - 5.0			FT 11.1 + 3.1		
TL 137.00				FD 161.1		



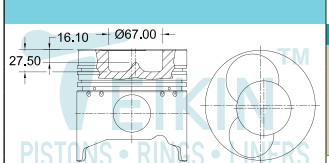
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44264A	R 44264	P 44242	B 44242	LFF 44264
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
12011-97107	12040-97012/61/68		12030-97000	11012-97118
	12040-97074/9		12030-97001	11012-97161
	12040-97325/427		12030-97002	11012-97127
	12040-97625			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.150 mm MP: 31.00 mm

198

RE10 — 10 cyl.

Ø 135.00	2 - 3.0	Ø 46.000		TL 238.0		TEIKIN NO.
CD 78.50		TL 116.00		OD 154.9		LKFF 44264A-10
-27.5	1 - 5.0			FT 11.1 + 3.1		LKSF 44264A-10
TL 137.00				FD 161.1		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
44264A-10	R 44264-10	P 44242	B 44242-10	LFF 44264-10 LSF 44264-10
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
12011-97107	12040-97012/61/68		12030-97000	11012-97118
	12040-97074/9		12030-97001	11012-97161
	12040-97325/427		12030-97002	11012-97127
	12040-97625			

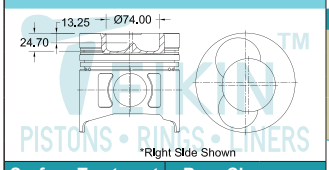
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.150 mm MP: 31.00 mm

199

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

RF8

8 cyl.



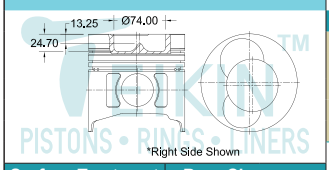
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 30.40 mm

Ø 138.00		Ø 46.000		TL 238.0	TEIKIN NO.
CD 78.60	2 - 2.5	TL 116.00		OD 159.0	LKFF 44290
-24.7	1 - 4.0			FT 11.1 + 1.3	LKSF 44290
TL 137.00				FD 167.0	LKFF 44290A
					LKSF 44290A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	
44290	R 44290	P 44242	B 44242	LFF 44290	
44290A				LSF 44290	
				Surface Treatment	
				None	
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
12011-97165 (R)	12040-97072		12030-97000	11012-97164	
12011-97161 (L)	12040-97104		12030-97001	11012-97171	
			12030-97002	11012-97178	

200

RF10

10 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 30.40 mm

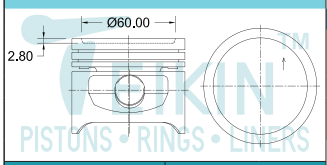
Ø 138.00		Ø 46.000			
CD 78.60	2 - 2.5	TL 116.00			
-24.7	1 - 4.0				
TL 137.00					
TEIKIN NO.		TEIKIN NO.			
44290-10		P 44242			
44290A-10					
REFERENCE NO.					
12011-97165 (R)					
12011-97161 (L)					

201

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

X 1.2 SZ — 1195 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 72.00	2 - 1.5	Ø 18.000				
		TL 50.00				
CD 32.05						
-2.8	1 - 3.0					
TL 59.00						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
56607	**R 56607**	**P 45136**				
REFERENCE NO.	**REFERENCE NO.**					
624 224	KS: 800036940000					
904 692 66	MAHLE: 011 50 N0					
904 692 70	G-0830750000					
904 692 71						



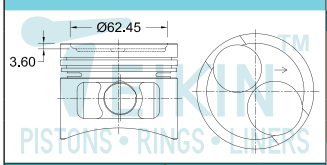
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 9.50 mm

1

1300S, 13S — 1297 cc — 4 cyl.

ASCONA 1.3L
KADETT ' T ' CAT 1.3 GL
KADETT 1300 CL & GLS
1980

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 75.00	2 - 1.5	Ø 20.000				
		TL 65.00				
CD 35.90						
-3.6	1 - 4.0					
TL 62.30						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
56101	**R 56101**	**P 56101**				
(48103)						
REFERENCE NO.	**REFERENCE NO.**					
KS : 93 868 600	KS: 800020340000					

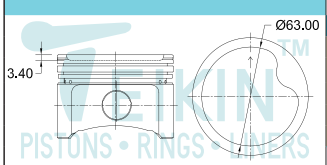


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 10.45 mm

2

1.3 NE — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 75.00	2 - 1.5	Ø 18.000				
		TL 47.50				
CD 32.10						
-3.4	1 - 3.0					
TL 53.10						
TEIKIN NO.		**TEIKIN NO.**				
56106		**P 30110**				
(48121)						
REFERENCE NO.						



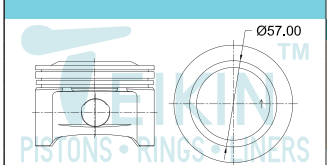
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 10.00 mm

3

Z 1.4 XE — 1389 cc — 4 cyl.

ASTRA 1999
CORSA 1999
L4 DOHC 16 VÁLV.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 77.60	1 - 1.2 1 - 1.5	Ø 18.000				
		TL 56.00				
CD 31.30						
+2.4	1 - 2.0					
TL 55.70						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**				
56110	**R 56110**	**P 30104**				
REFERENCE NO.	**REFERENCE NO.**					
24407186	MAHLE: 012 10 N0					
MAHLE: 012 10 00						



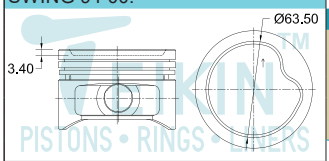
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 10.00 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

14 NV, 14 NVH — 1389 cc — 4 cyl.

C 14 NZ KAT
CORSA A 1.4 1990-93
KADETT E 1.4 1989-91
CHEVY, JOY
SWING 94-00.



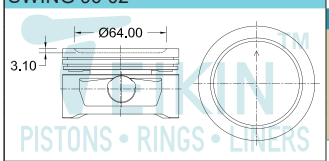
PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 77.60 CD 32.10 -3.4 TL 52.60	2 - 1.5 1 - 3.0	Ø 18.000 TL 53.00				
TEIKIN NO. 56600 (48122)	TEIKIN NO. R 56600	TEIKIN NO. P 46332				
REFERENCE NO. KS : 97 286 600 93218385	REFERENCE NO. KS: 800020540000 MAHLE: 011 06 N0					

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 7.50 mm

5

1.6 SE — 4 cyl.

CORSA EFI
PICK UP
CHEVY 97-02
JOY 97-02
SWING 96-02



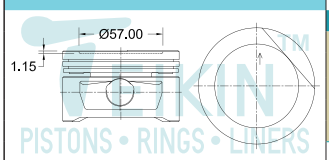
PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 79.00 CD 28.00 -3.1 TL 47.90	1 - 1.2 1 - 1.5 1 - 3.0	Ø 18.000 TL 56.00				
TEIKIN NO. 56102 (48114)	TEIKIN NO. 56103	TEIKIN NO. P 30104				
REFERENCE NO. 93267244	REFERENCE NO. KS: 800020740000 MAHLE: 011 08 N0 G-0830690000 T-50011					

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 5.50 mm

6

1.6 SV, 16 SV KAT — 1598 cc — 4 cyl.

E 16 SE
KADETT 1600, MONZA 1600
ASCONA 1600
1987 - ON



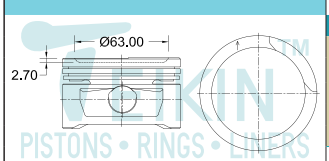
PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 79.00 CD 27.95 +0.5 TL 48.50	1 - 1.2 1 - 1.5 1 - 3.0	Ø 18.000 TL 56.00				
TEIKIN NO. 56103	TEIKIN NO. R 56103	TEIKIN NO. P 30104				
REFERENCE NO. KS : 90 556 605	REFERENCE NO. KS: 800020740000 MAHLE: 011 08 N0 G-0830690000 T-50011					

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 5.50 mm

7

1.6 LZ — 1598 cc — 4 cyl.

ASCONA, KADETT 1986-87



PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 79.00 CD 28.00 +0.3 TL 48.30	1 - 1.2 1 - 1.5 1 - 3.0	Ø 18.000 TL 56.00				
TEIKIN NO. 56109	TEIKIN NO. R 56103	TEIKIN NO. P 30104				
REFERENCE NO. MAHLE:011 08 00 KS : 90 555 605	REFERENCE NO. KS: 800020740000 MAHLE: 011 08 N0 G-0830690000 T-50011					

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 5.50 mm

8

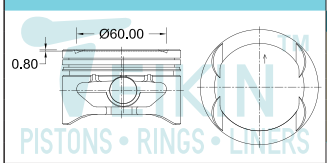
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

X 1.6 XE / XEL — 1598 cc — 4 cyl.

Ø	79.00
CD	28.00
	-0.8
TL	51.00

RINGS: 1 - 1.2 / 1 - 1.5 / 1 - 3.0

PIN: Ø 18.000 / TL 56.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
56603	R 56103	P 30104

REFERENCE NO.	REFERENCE NO.
KS : 94 637 600	KS: 800020740000
	MAHLE: 011 08 N0

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 9.00 mm

9

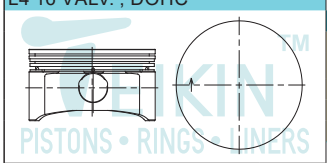
X18XE — 1796 cc — 4 cyl.

ASTRA 1.8I 16V 1997-
VECTRA 1.8I 16V 1998-
ZAFIRA 1.8I 16V 1999-
MERIVA 1.8I 16V 2003-
L4 16 VÁLV. , DOHC

Ø	80.50
CD	24.10
TL	44.70

RINGS: 2 - 1.2 / 1 - 2.0

PIN: Ø 18.000 / TL 56.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
56113	R 56113	P 30104

REFERENCE NO.	REFERENCE NO.
KS : 99 741 601	KS: 800038940000
	MAHLE: 012 02 N0

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Moly Skirt	MP: 9.00 mm

10

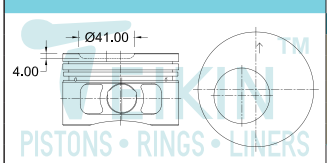
1800 — 1796 cc — 4 cyl.

MONZA 1800
KADET 1800
ASCONA 1800
1987

Ø	84.80
CD	33.65
	-4.0
TL	53.65

RINGS: 2 - 1.5 / 1 - 3.0

PIN: Ø 21.000 / TL 61.50



TEIKIN NO.	TEIKIN NO.
56104 (48104)	P 56104

REFERENCE NO.

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm
	MP: 5.85 mm

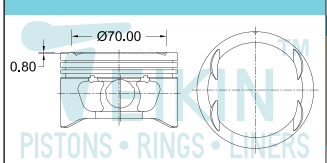
11

C20XE4V KAT — 1998 cc — 4 cyl.

Ø	86.00
CD	30.40
	-0.8
TL	55.30

RINGS: 2 - 1.5 / 1 - 3.0

PIN: Ø 21.000 / TL 61.50



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
56107 (48118)	R 56107	P 56104

REFERENCE NO.	REFERENCE NO.
KS : 91 023 700	KS: 800021240000
	MAHLE: 011 58 N0

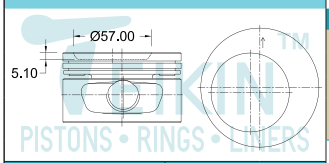
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 9.00 mm

12

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

2.0 X — 2000 cc — 4 cyl.

Ø 86.00	2 - 1.5	Ø 21.000
CD 30.40		TL 61.50
-5.1	1 - 3.0	
TL 50.40		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
56108	R 56107	P 56104

REFERENCE NO.	REFERENCE NO.
MAHLE:011 75 00	KS: 800021240000 MAHLE: 011 58 N0

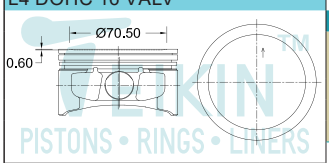
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 3.00 mm

13

Z 22 SE — 2198 cc — 4 cyl.

VECTRA B 2000-2002
VECTRA C 2001-
ASTRA G 2000-2004
ZAFIRA 2000-
L4 DOHC 16 VÁLV

Ø 86.00	1 - 1.2 1 - 1.5	Ø 20.000 TL 62.00
CD 26.80		
-0.6	1 - 2.5	
TL 48.90		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
56111	R 56111	P 38129

REFERENCE NO.	REFERENCE NO.
90537911 KS:94 912 600	KS: 800049140000 MAHLE: 012 20 N0

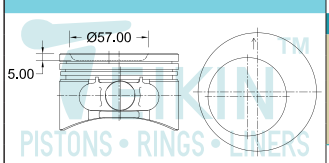
Surface Treatment	Bore Clearance
Tin Coated Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 9.50 mm

14

C20NE KAT — 1998 cc — 4 cyl.

VECTRA A 1988-1995
ASTRA E 1986-1991
ASTRA F 1991-1998
L4 SOHC 8 VALV.

Ø 86.00	2 - 1.5	Ø 21.000
CD 30.40		TL 61.50
-5.0	1 - 3.0	
TL 55.40		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
56112	R 56107	P 56104

REFERENCE NO.	REFERENCE NO.
93359959 KS:92 123 600	KS: 800021240000 MAHLE: 011 58 N0

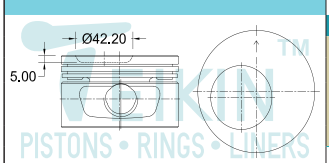
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 11.50 mm

15

20 SE, X20 SE KAT — 1998 cc — 4 cyl.

ASCONA C20 1987-88
KADETT E20 1986-91
OMEGA A 2.0

Ø 86.00	2 - 1.5	Ø 21.000
CD 30.40		TL 61.50
-5.0	1 - 3.0	
TL 50.40		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
56601 (48115)	R 56107	P 56104

REFERENCE NO.	REFERENCE NO.
KS : 90 245 600	KS: 800021240000 MAHLE: 011 58 N0

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 3.00 mm

16

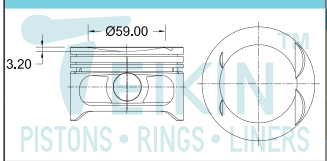
TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

C 2.0 XEV — 1998 cc — 4 cyl.

X 2.0 XEV

Ø 86.00	2 - 1.5	Ø 21.000
CD 30.10		TL 61.50
-3.2	1 - 3.0	
TL 55.50		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
56604	R 56107	P 56104

REFERENCE NO.	REFERENCE NO.
KS : 97 332 600	KS: 800021240000
MAHLE: 011 73 00	MAHLE: 011 58 N0

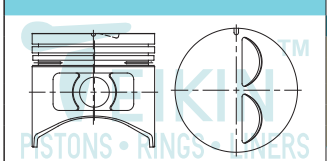
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 9.00 mm

17

20E CIH, 20S — 1979 cc — 4 cyl.

ASCONA B20 1977-81
MONZA A2.0, A3.0
REKORD D2.0, E2.0
MANTA B2.0, SENATOR A2.0

Ø 95.00	2 - 2.0	Ø 23.000
CD 45.00		TL 76.00
-3.5	1 - 4.0	
TL 87.00		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
56105 (48119)	R 56105	P 56105

REFERENCE NO.	REFERENCE NO.
KS : 93 221 600	KS: 800021720000

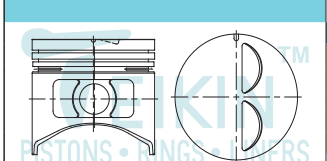
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 26.00 mm

18

3.0 E/NE — 2969 cc — 6 cyl.

OMEGA 78-04
SENATOR 1978-
MONZA 1978-

Ø 95.00	2 - 2.0	Ø 23.000
CD 45.00		TL 76.00
-3.5	1 - 4.0	
TL 87.00		



TEIKIN NO.	TEIKIN NO.
56105-6	P 56105

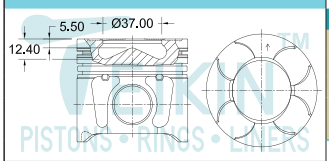
REFERENCE NO.
KS : 93 221 600

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 26.00 mm

19

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
						LINER		

Y 13 DT/Z 13 DT — **1248 cc**
1.3 LITRE DIESEL COMBO — 4 cyl.

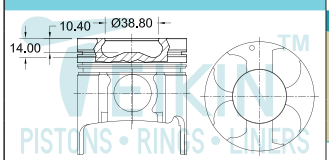


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.050 mm MP: 7.00 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 69.60	1 - 2.0	Ø 23.000					
	1 - 1.5	TL 56.50					
CD 40.43							
-12.4	1 - 2.0						
TL 63.43							
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**					
56605A	**R 56605**	**P 56605**					
REFERENCE NO.	**REFERENCE NO.**						
KS: 40 213 600	MAHLE: 010 04 N0						
MAHLE: 010 04 00							

20

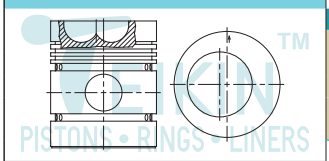
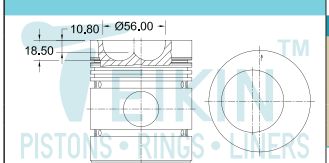
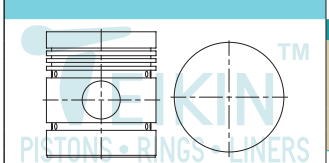
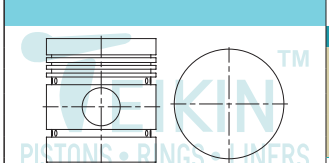
Y 17 DT/DTL — **1686 cc**
ISUZU 4EE1T NEW — 4 cyl.
1.7 LITRE DIESEL COMBO



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.040 mm MP: 27.00 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 79.00	1 - 2.0	Ø 27.000		TL	144.0	144.0	**TEIKIN NO.**
	1 - 1.5	TL 64.00		OD	83.0	83.0	**LKSF 56606A**
CD 39.70				FT	2.0		**LKSX 56606A**
-14.0	1 - 3.0			FD	87.0		
TL 84.00							
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**			
56606A	**R 56606**	**P 39189**		**LSF 56606** **LSX 56606**			
				Surface Treatment			
				None			
REFERENCE NO.	**REFERENCE NO.**			**REFERENCE NO.**			
8-97188-927-2	8-94381-709-0 8-94381-709-1 KS: 800071940000 MAHLE: 629 20 V0						

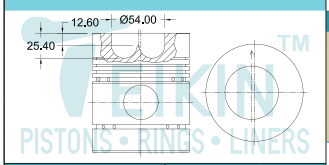
21

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
68322 (NEW) AD 4.203, D 4 .203 AD 3.152, D 3.152 (3Cyl.) 1 cyl.	Ø 91.48 CD 61.90 -18.5 TL 109.60	2 - 2.4 1 - 3.2 2 - 6.4	Ø 31.750 TL 75.00					1
	TEIKIN NO. G8102-1		TEIKIN NO. P 42149					
Surface Treatment: None Bore Clearance: MRC: 0.140 mm MP: 20.00 mm	REFERENCE NO. KS: 92 772 600							
68322 (NEW) 3335 cc AD 4.203, D 4 .203 AD 3.152, D 3.152 (3Cyl.) 4 cyl.	Ø 91.48 CD 61.90 -18.5 TL 109.60	2 - 2.4 1 - 3.2 2 - 6.4	Ø 31.750 TL 75.00					2
	TEIKIN NO. G8102 G8102A		TEIKIN NO. P 42149					
Surface Treatment: None Bore Clearance: MRC: 0.140 mm MP: 20.00 mm	REFERENCE NO. KS: 92 772 600							
MF-5F 1 cyl.	Ø 91.48 CD 56.90 TL 104.60	2 - 2.4 1 - 3.2 2 - 6.4	Ø 31.750 TL 75.00					3
	TEIKIN NO. G8106-1		TEIKIN NO. P 42149					
Surface Treatment: None Bore Clearance: MRC: 0.140 mm MP: 20.00 mm	REFERENCE NO.							
MF-5F 4 cyl.	Ø 91.48 CD 56.90 TL 104.60	2 - 2.4 1 - 3.2 2 - 6.4	Ø 31.750 TL 75.00					4
	TEIKIN NO. G8106 G8106A		TEIKIN NO. P 42149					
Surface Treatment: None Bore Clearance: MRC: 0.140 mm MP: 20.00 mm	REFERENCE NO.							

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

6.354

6 cyl.



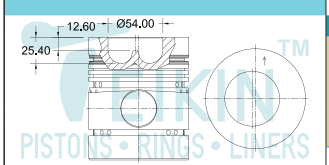
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.110 mm MP: 23.40 mm

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 98.43 CD 69.80 -25.4 TL 120.60	3 - 2.4 2 - 6.4	Ø 34.925 TL 84.00				
TEIKIN NO. G8101		TEIKIN NO. G8104				
REFERENCE NO.						

5

MOT 6.354-II

1972-92 — 6 cyl.



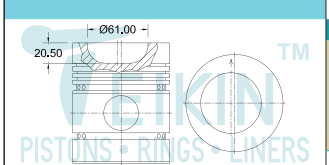
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.130 mm MP: 23.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 98.43 CD 69.90 -25.4 TL 120.60	1 - 3.2 2 - 2.4 2 - 6.4	Ø 34.925 TL 84.00				
TEIKIN NO. G8105A		TEIKIN NO. G8104				
REFERENCE NO. 354-2-3						

6

4.236, A 4.236 — 3864 cc

1961-ON — 4 cyl.



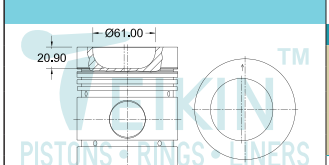
Surface Treatment	Bore Clearance
None	MRC: 0.180 mm MP: 23.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 98.48 CD 70.30 -20.5 TL 121.00	3 - 2.4 2 - 6.4	Ø 34.925 TL 84.00				
TEIKIN NO. G8104		TEIKIN NO. P G8104				
REFERENCE NO. 68301 KS: 91 118 600						

7

26.63

4 cyl.

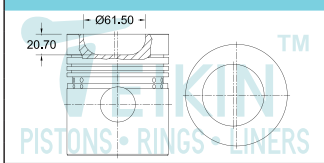


Surface Treatment	Bore Clearance
None	MRC: 0.150 mm MP: 21.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 98.48 CD 70.60 -20.9 TL 121.40	3 - 2.4 2 - 6.4	Ø 34.925 TL 84.00				
TEIKIN NO. G8107 G8107A		TEIKIN NO. P G8104				
REFERENCE NO.						

8

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
4.248 1963-ON	**4067 cc** 4 cyl.	Ø **101.05**	3 - 2.4	Ø 34.925				
		CD 69.88		TL 84.00				
		-20.7	1 - 6.4					
		TL 120.75						
		**TEIKIN NO.**		**TEIKIN NO.**				
		G8103		**G8104**				
		REFERENCE NO.						
		KS: 92 144 800						

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.184 mm MP: 16.70 mm

9

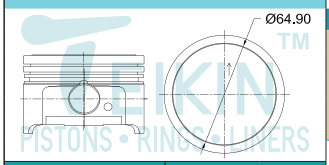
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

TU3 JP — 1360 cc — 4 cyl.

Ø	75.00
CD	27.70
	+0.3
TL	50.00

RINGS: 2 - 1.5 / 1 - 2.5

PIN: Ø 17.984 / TL 55.00



TEIKIN NO.	TEIKIN NO.
67101	P 67101

REFERENCE NO.

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 10.00 mm

1

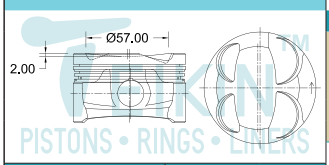
EP6C — 1598 cc — MINI CLUB MAN, ONE, COOPER — 4 cyl.

PEUGEOT 207, 208, 308, 3008
DOHC 16V

Ø	77.00
CD	27.50
	-2.0
TL	47.50

RINGS: 1 - 1.2 / 1 - 1.5 / 1 - 2.0

PIN: Ø 18.000 / TL 43.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
67108	R 67108	P 42224

REFERENCE NO.	REFERENCE NO.
0628.T1	KS : 800115910000

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 5.00 mm

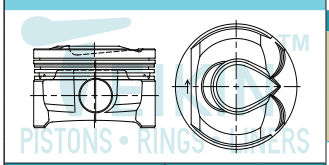
2

EP6 — PEUGEOT 207/208/308/508/ /3008/5008 (07-18) — CITROEN C4 / C5 / DS3 / DS4 (04-16) — MINI COOPER (05-15) — 4 cyl.

Ø	77.00
CD	28.60
	+2.1
TL	50.40

RINGS: 1 - 1.2 / 1 - 1.5 / 1 - 2.0

PIN: Ø 20.000 / TL 48.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
67110	R 67110	P 67110

REFERENCE NO.	REFERENCE NO.
11257540609 11257566019 7540609 7566019 0628S1 / T4	11257566479 G-0681650050 KS: 800115910000 MAHLE: 081RS001040N0

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 5.50 mm

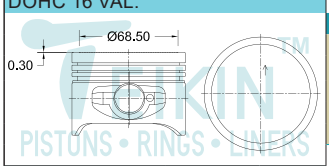
3

1.6L — PARTNER 04-11 — GRAND RAID 07-11 — 207 COMPACT 09-11 — TU5JP4 (N6A) 2004-2011 206 01-11 — DOHC 16 VAL. — 4 cyl.

Ø	78.50
CD	32.20
	-0.3
TL	57.50

RINGS: 2 - 1.5 / 1 - 3.0

PIN: Ø 19.490 / TL 62.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
67104	R 67104	P 67104

REFERENCE NO.	REFERENCE NO.
06.28.J0	MAHLE: 040 08 V0 G-0810380000

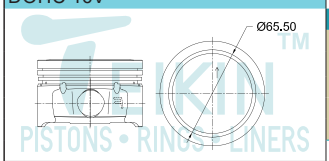
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 9.50 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	LINER NO FLANGE	LINER KIT SET

TU5JP4 — 1587 cc — 4 cyl.

206 01-11
GRAND RAID 07-11
207 COMPACT 09-11
PARTNER 04-11
DOHC 16V

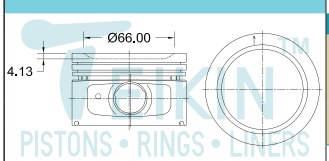


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 5.50 mm

PISTON SET	RINGS	PIN
Ø 78.50	1 - 1.2 1 - 1.5	Ø 19.490 TL 56.80
CD 32.30 +0.2 TL 50.20	1 - 2.5	
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
67106	**R 67106**	**P 67106**
REFERENCE NO.	**REFERENCE NO.**	
0628.N2 0628.N0 N-8713940000	0640R5 G-0813940000 KS: 800050910000 MAHLE: 04004N0	

5

XU5 JP — 1580 cc — 4 cyl.



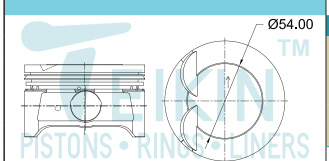
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.043 mm MP: 5.00 mm

PISTON SET	RINGS	PIN
Ø 83.00	2 - 1.5	Ø 22.000 TL 62.00
CD 33.30 -4.1 TL 53.30	1 - 3.0	
TEIKIN NO.		**TEIKIN NO.**
67102		**P 43222**
REFERENCE NO.		

6

EW10A — 1998 cc — 4 cyl.

307 CC 06-10
307 SEDAN 07-10
307 Xsi, X LINE-FELINE 06-10
DOHC 16V

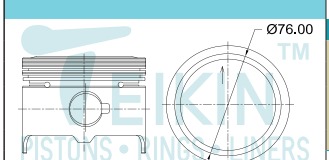


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 9.50 mm

PISTON SET	RINGS	PIN
Ø 85.00	1 - 1.2 1 - 1.5	Ø 21.000 TL 56.00
CD 29.00 +0.2 TL 51.20	1 - 2.5	
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
67107	**R 67107**	**P 38151**
REFERENCE NO.	**REFERENCE NO.**	
0628.R7 0628 T8	KS :800059240000 MAHLE :04016N0	

7

XN1/XN1A/XN1T — 1971 cc — 4 cyl.



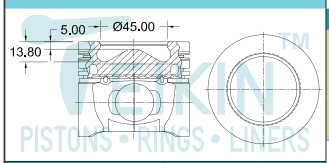
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 17.00 mm

PISTON SET	RINGS	PIN
Ø 88.00	1 - 1.5 1 - 2.0	Ø 23.000 TL 74.00
CD 38.00 +1.2 TL 72.00	1 - 4.0	
TEIKIN NO.		**TEIKIN NO.**
67103		**P 67103**
REFERENCE NO.		

8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

9HD / 9HF / 9HJ — **1560 cc** — 4 cyl.
Euro 4
Euro 5
Euro 6
2005-

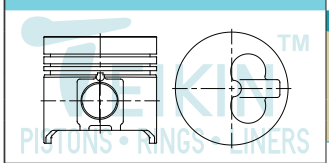


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.060 mm MP: 12.00 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 75.00 CD 41.70 -13.8 TL 65.20	1 - 2.5 FK 1 - 1.95 1 - 2.0	Ø 26.000 TL 61.00					
TEIKIN NO. 67601AG		TEIKIN NO. P 67601					
REFERENCE NO. 16 073 736 80							

9

DW8 — **1868 cc** — 4 cyl.
DW8 B
XUD 9AY



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 10.00 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 82.20 CD 46.80 -1.2 TL 77.70	2 - 2.0 1 -3.0	Ø 25.000 TL 66.00		TL 154.0 OD 86.0			TEIKIN NO. LKSX 67600
TEIKIN NO. 67600	TEIKIN NO. R 67600	TEIKIN NO. P 43612		TEIKIN NO. LSX TPG18 Surface Treatment None			
REFERENCE NO. 0628 J2 M-0400100	REFERENCE NO. 0640 PO KS: 800045840000 MAHLE: 040 01 N0 G-0810400000			REFERENCE NO. K-89592190			

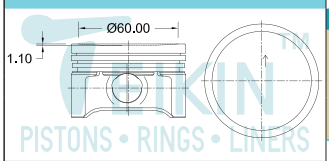
10

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

D4F — 1149 cc — 4 cyl.

CLIO CAMPUS
TWINO 16 VALVE
2006



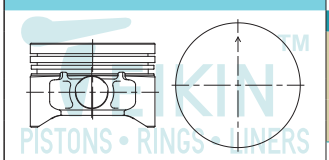
Ø 69.00					
CD 26.70	1 - 1.2	Ø 17.500			
-1.1	1 - 1.5	TL 54.00			
TL 44.70	1 - 2.5				
TEIKIN NO. 70104	**TEIKIN NO.** R 70104	**TEIKIN NO.** P 70104			
REFERENCE NO. 77 01 475 781	**REFERENCE NO.** KS: 800056740000 MAHLE: 02216N0				

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 7.00 mm

1

D7F — 1149 cc — 4 cyl.

CLIO
1998



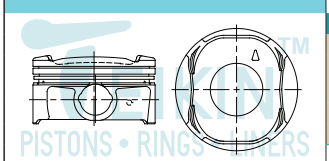
Ø 69.00					
CD 27.10	2 - 1.5	Ø 17.500			
	1 - 2.5	TL 54.00			
TL 46.40					
TEIKIN NO. 70105		**TEIKIN NO.** P 70104			
REFERENCE NO.					

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 8.00 mm

2

B4D — 3 cyl.

KWID (2015-2019)

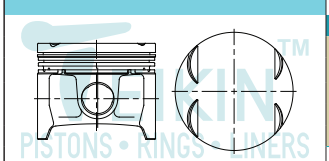


Ø 71.00					
CD 24.30	1 - 1.0	Ø 18.000			
+1.4	1 - 1.2	TL 47.50			
TL 39.70	1 - 2.0				
TEIKIN NO. 70110	**TEIKIN NO.** R 70110	**TEIKIN NO.** P 30110			
REFERENCE NO. 120A18858R	**REFERENCE NO.** 120330967R HT-2C4090				

Surface Treatment	Bore Clearance
Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 5.00 mm

3

K4J — 4 cyl.



Ø 79.50					
CD 37.20	2 - 1.5	Ø 19.990			
-2.2	1 - 2.5	TL 61.50			
TL 64.60					
TEIKIN NO. 70108	**TEIKIN NO.** R 70600	**TEIKIN NO.** P 42662			
REFERENCE NO. 77 01 474 903 77 01 474 904 77 01 474 905	**REFERENCE NO.** 77 01 473 223 77 01 473 857 KS: 800053040000 MAHLE: 02202N0				

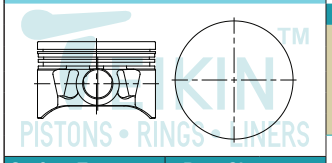
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 10.50 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

K7M-III — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 79.50 CD 28.30 TL 51.60	2 - 1.5 1 - 2.5	Ø 18.990 TL 62.00				
TEIKIN NO. 70109	TEIKIN NO. R 70109	TEIKIN NO. P 44653				
REFERENCE NO. 120A14466R	REFERENCE NO.					



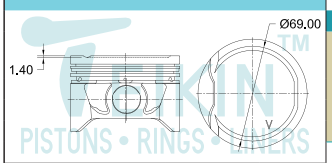
Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 11.00 mm

5

K4M — 1598 cc — 4 cyl.

700/701/704/706
708/709/710/
712/714/720/724
745/748/752/760

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 79.50 CD 31.70 -1.4 TL 55.00	2 - 1.5 1 - 2.5	Ø 20.000 TL 62.00				
TEIKIN NO. 70600	TEIKIN NO. R 70600	TEIKIN NO. P 38129				
REFERENCE NO. 77 01 474 854 77 01 474 855 77 01 474 856	REFERENCE NO. 77 01 473 223 77 01 474 857 KS: 800053040000 MAHLE: 02202N0					

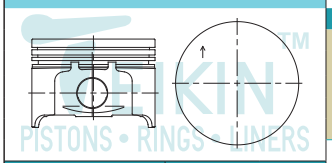


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 10.00 mm

6

K7J 710 — 1390 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 79.50 CD 34.80 TL 57.00	2 - 1.5 1 - 2.5	Ø 19.000 TL 62.00				
TEIKIN NO. 70601	TEIKIN NO. R 70600	TEIKIN NO. P 44259				
REFERENCE NO. 60 01 548 037 60 01 548 038 60 01 548 039 60 01 549 028/29/30	REFERENCE NO. 77 01 473 223 77 01 474 857 KS: 800053040000 MAHLE: 02202N0					



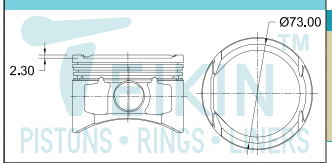
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 7.00 mm

7

2.0 L — 4 cyl.

16V
MOTOR F4R
MEGANE II

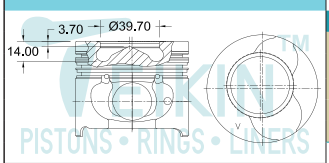
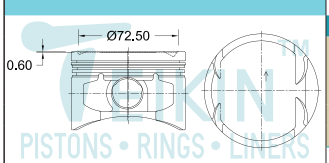
PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 82.70 CD 30.50 -2.3 TL 57.00	1 - 1.2 1 - 1.5 1 - 2.0	Ø 21.000 TL 61.50				
TEIKIN NO. 70101	TEIKIN NO. R 70101	TEIKIN NO. P 56104				
REFERENCE NO. 8200203129	REFERENCE NO.					

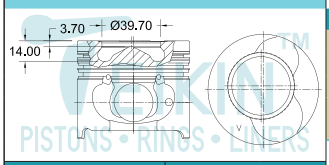
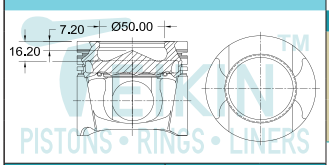


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 12.00 mm

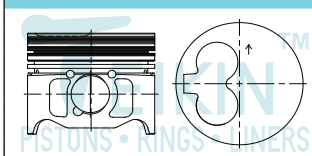
8

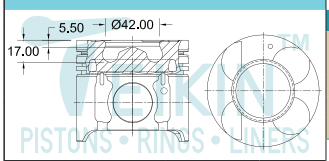
TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
2.0 L-II 16V 4 cyl. MOTOR F4R DUSTER	Ø 82.70 CD 30.40 +0.6 TL 52.00	1 - 1.2 1 - 1.5 1 - 2.0	Ø 21.000 TL 63.50					
	TEIKIN NO. 70102	TEIKIN NO. R 70101	TEIKIN NO. P 32120					
Surface Treatment: Moly Skirt; Anodized Crown; 1st Ring Anodized Bore Clearance: MRC: 0.030 mm; MP: 8.50 mm	REFERENCE NO. 120101842R	REFERENCE NO.						9
2.0L-III SOLO CLIO SPORT 4 cyl. F4R 730 CLIO SPORT 2002-2004 LAGUNA 07-09 L4 DOHC 16 VALV	Ø 82.70 CD 30.20 -0.6 TL 56.80	1 - 1.2 1 - 1.5 1 - 2.0	Ø 21.000 TL 61.50					
	TEIKIN NO. 70106		TEIKIN NO. P 56104					
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.030 mm; MP: 10.50 mm	REFERENCE NO. 77 00 112 313							10

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
K9K 1461 cc MAHINDRA LOGAN 4 cyl.	**Ø 76.00** CD 41.80 -14.0 TL 66.00	2 - 2.0 1 - 2.5	Ø 26.000 TL 60.00		TL 145.0 OD 80.5 FT 5.0 FD 84.5			**TEIKIN NO.** **LKSF 70103A**
	**TEIKIN NO.** **70103A**	**TEIKIN NO.** **R 70103**	**TEIKIN NO.** **P 70103**		**TEIKIN NO.** **LSF 70103** **Surface Treatment** None			
Surface Treatment Moly Skirt	**REFERENCE NO.** 120A11819R	**REFERENCE NO.** 77 01 473 144 77 01 478 755 KS: 800044540000 MAHLE: 02201N0			**REFERENCE NO.**			11
Bore Clearance MRC: 0.030 mm MP: 8.50 mm								
M9T 2298 cc 4 cyl.	**Ø 85.00** CD 47.90 -16.2 TL 76.00	1 - 2.5 HK 1 - 2.0 1 - 2.0	Ø 32.000 TL 65.00					
	**TEIKIN NO.** **70111AG**		**TEIKIN NO.** **P 70111**					
Surface Treatment Moly Skirt	**REFERENCE NO.** K-97504600 N-8743520000							12
Bore Clearance MRC: 0.065 mm MP: 10.00 mm								

TEIKIN™ PISTONS • RINGS • LINERS

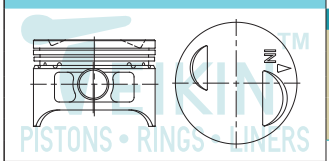
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
1Y / AEY 1896 cc 4 cyl.	Ø 79.50 CD 39.65 -1.9 TL 65.70	1 - 1.75 1 - 2.0 1 - 3.0	Ø 24.000 TL 64.00					
	TEIKIN NO. 88001A	TEIKIN NO. R TSK01	TEIKIN NO. P 48601					
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.020 mm MP: 11.00 mm	REFERENCE NO. K-91386600 M-0298200 N-8799010040	REFERENCE NO. KS: 800000810000 KS: 800051640000 MAHLE: 03020N0						1

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
ACTYON 2.0L 4 cyl.	Ø 86.20 CD 48.10 -17.0 TL 78.10	1 - 2.5 FK 1 - 2.0 1 - 3.0	Ø 30.000 TL 71.00					
	TEIKIN NO. 69101AG		TEIKIN NO. P 69101					
Surface Treatment: Moly Skirt Bore Clearance: MRC: 0.040 mm MP: 11.50 mm	REFERENCE NO. 6640302817							1

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

EF10
3 cyl.

Ø 78.00	1 - 1.2 1 - 1.5 1 - 2.8	Ø 18.000 TL 61.00				
CD 28.40 -5.2 TL 55.40						
TEIKIN NO. **55650**	**TEIKIN NO.** **R 55650**	**TEIKIN NO.** **P 43187**				
REFERENCE NO. 12011-KA920 12009-KA121	**REFERENCE NO.** 12033-KA181 48003-5600 48003-5610 48003-5700/800					

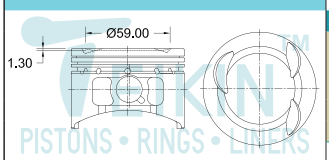


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.00 mm

1

EF12 1189 cc
3 cyl.

Ø 78.00	1 - 1.2 1 - 1.5 1 - 2.8	Ø 18.000 TL 61.00				
CD 28.00 -1.3 TL 55.00						
TEIKIN NO. **55652**	**TEIKIN NO.** **R 55650**	**TEIKIN NO.** **P 55652**				
REFERENCE NO. 12009-KB060	**REFERENCE NO.** 12033-KA181 48003-5600 48003-5610 48003-5700/800					

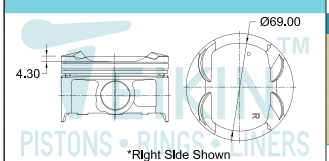


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 12.00 mm

2

FB20 1995 cc
IMPREZA
4 cyl.

Ø 84.00	2 - 1.0 1 - 2.0	Ø 22.000 TL 52.00				
CD 30.90 +3.6 TL 55.30						
TEIKIN NO. **55110**	**TEIKIN NO.** **R 55110**	**TEIKIN NO.** **P 55106**				
REFERENCE NO. 12013AB490 (R) 12018AB490 (L)	**REFERENCE NO.** 12033-AC210 12033-AC220 12033-AC230					



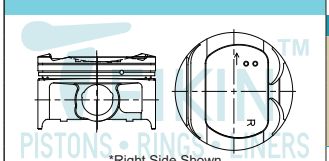
*Right Side Shown

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 8.50 mm

3

FB20-II 1995 cc
4 cyl.

Ø 84.00	2 - 1.0 1 - 2.0	Ø 22.000 TL 52.00				
CD 30.90 +2.1 TL 53.90						
TEIKIN NO. **55111**		**TEIKIN NO.** **P 55106**				
REFERENCE NO. 12013AB810 (R) 12018AB810 (L)						



*Right Side Shown

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 10.00 mm

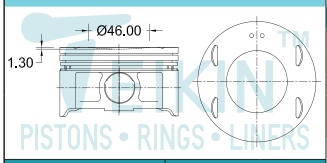
4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

EZ30D

6 cyl.

Ø 89.20	2 - 1.2	Ø 22.000
CD 29.90		TL 52.00
-1.3	1 - 2.5	
TL 50.70		



TEIKIN NO.	TEIKIN NO.
55106	P 55106

REFERENCE NO.
12006-AC470

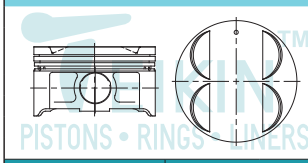
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 6.80 mm

5

EZ30D-II

6 cyl.

Ø 89.20	2 - 1.2	Ø 22.000
CD 30.30		TL 52.00
-4.6	1 - 2.0	
TL 50.80		



TEIKIN NO.	TEIKIN NO.
55107	P 55106

REFERENCE NO.
12006-AD450

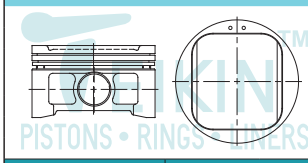
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 6.50 mm

6

EJ20-T 1994 cc

IMPREZA
DOHC
1998-2002
4 cyl.

Ø 92.00	2 - 1.2	Ø 23.000
CD 32.70		TL 64.00
-2.8	1 - 2.5	
TL 53.70		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
55102	R 55102	P 55102

REFERENCE NO.	REFERENCE NO.
12006-AB231	12033-AB070
12006-AB241	12033-AB100
	12033-AB160
	12033-AB190

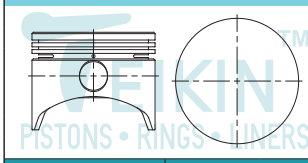
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown	MRC: 0.030 mm MP: 6.50 mm

7

EA71 1600 cc

4 cyl.

Ø 92.00	2 - 2.0	Ø 21.000
CD 32.00		TL 82.00
	1 - 4.0	
TL 71.50		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
55651	R 55651	P 55651

REFERENCE NO.	REFERENCE NO.
38005-4320	38003-4300
38005-4310	38003-4320
38005-4300	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.00 mm

8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

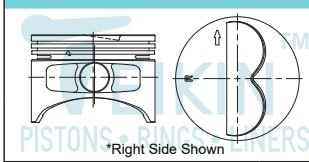
EA82 — 1781 cc — 4 cyl.

Ø	92.00
CD	31.50
	-4.0
TL	65.00

RINGS: 2 - 2.0 / 1 - 4.0

PIN: Ø 21.000, TL 70.00

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
55653	R 55651	P 55653



REFERENCE NO.	REFERENCE NO.
12013-AA030(R/L)	38003-4300
	38003-4320

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 20.20 mm

9

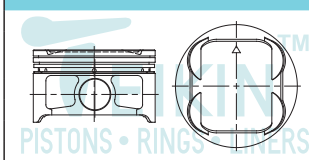
EJ20 — 1994 cc — 4 cyl.

Ø	92.00
CD	33.30
	-1.5
TL	54.10

RINGS: 1 - 1.2 / 1 - 1.5 / 1 - 3.0

PIN: Ø 23.000, TL 58.00

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
55654	R 55654	P 55101



REFERENCE NO.	REFERENCE NO.
12006-AA380	12033-AA510
	12033-AA604

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
	MP: 7.50 mm

10

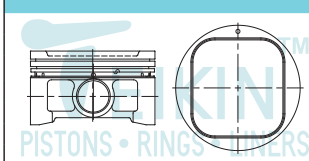
EJ20-T-II — 1994 cc — 4 cyl.

Ø	92.00
CD	33.30
	-3.6
TL	54.10

RINGS: 2 - 1.5 / 1 - 3.0

PIN: Ø 23.000, TL 62.00

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
55655	R 55655	P 55103



REFERENCE NO.	REFERENCE NO.
12006-AA630	12033-AA610

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.50 mm

11

EJ22, EJ22E — 2212 cc — 4 cyl.

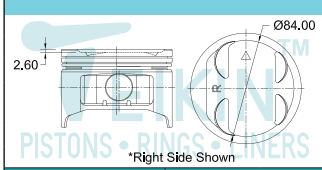
F.I., SOHC, 16 V
IMPRESSA 1996-99
LEGACY 1990-96

Ø	96.90
CD	33.00
	-2.6
TL	68.10

RINGS: 1 - 1.2 / 1 - 1.5 / 1 - 3.0

PIN: Ø 23.000, TL 58.00

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
55101	R 55101	P 55101



REFERENCE NO.	REFERENCE NO.
12013-AA231 (R)	12033-AA210
12018-AA231 (L)	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 17.50 mm

12

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

EJ25 — 2457 cc — 4 cyl.

LEGACY (1996-99)
FORESTER, IMPREZA (1998)
F.I. DOHC 16V

Ø 99.50	1 - 1.2	Ø 23.000
	1 - 1.5	TL 62.00
CD 30.30		
-3.1	1 - 2.8	
TL 51.10		

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
55103	R 55103	P 55103

REFERENCE NO.	REFERENCE NO.
12006-AB410	12033-AA760

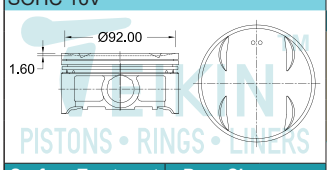
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 5.50 mm

13

EJ25-II — 4 cyl.

BAJA 2004-2005
FORESTER 2004-2005
IMPREZA 2004-2005
LEGACY 2004-2005
SOHC 16V

Ø 99.50	2 - 1.2	Ø 23.000
		TL 62.00
CD 29.50		
-1.6	1 - 2.5	
TL 50.10		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
55104	R 55104	P 55103

REFERENCE NO.	REFERENCE NO.
12006-AB470	12033-AB010

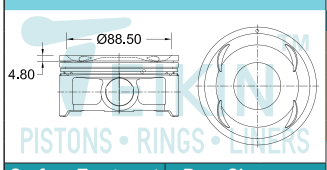
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 8.00 mm

14

EJ255-T — 2547 cc — 4 cyl.

IMPREZA, LEGACY,
OUTBACK, FORESTER, BAJA
2004-2007
16V DOHC H4 F.INJ

Ø 99.50	2 - 1.2	Ø 23.000
		TL 64.00
CD 30.70		
-4.8	1 - 2.0	
TL 51.40		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
55105	R 55105	P 55102

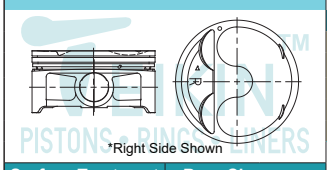
REFERENCE NO.	REFERENCE NO.
12006-AC400 12006-AC390 12006-AC410 12006-AC420 12006-AD210	12033-AB340 12033-AC000 12033-AC010 12033-AC020

Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 6.50 mm

15

EJ255-II — 4 cyl.

Ø 99.50	2 - 1.2	Ø 23.000
		TL 64.00
CD 29.50		
-3.4	1 - 2.0	
TL 50.10		

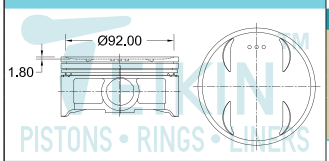
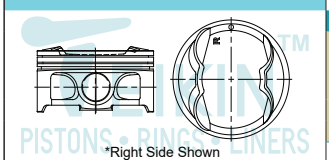


TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
55108	R 55105	P 55102

REFERENCE NO.	REFERENCE NO.
12013-AB210 (R) 12018-AB210 (L)	12033-AB340 12033-AC000 12033-AC010 12033-AC020

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.60 mm

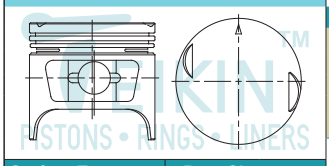
16

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
EJ255-III 4 cyl.	Ø 99.50 CD 29.50 -1.8 TL 50.30	2 - 1.2 1 - 2.0	Ø 23.000 TL 62.00				
	TEIKIN NO. 55109		TEIKIN NO. P 55103				
Surface Treatment: Moly Skirt Bore Clearance: MRC: 0.030 mm MP: 5.50 mm	REFERENCE NO. 12006-AC870						17
EJ25-III 2457 cc LEGACY B13 (07-09) DOHC 16V 4 cyl.	Ø 99.50 CD 30.70 +3.3 TL 54.80	2 - 1.2 1 - 2.0	Ø 23.000 TL 64.00				
 *Right Side Shown	TEIKIN NO. 55656	TEIKIN NO. R 55105	TEIKIN NO. P 55102				
Surface Treatment: Moly Skirt Bore Clearance: MRC: 0.030 mm MP: 10.00 mm	REFERENCE NO. 12013-AB-250 (R/L) 12013-AB-260(R) 12018-AB-250(L) 12018-AB-260(L)	REFERENCE NO. 12033-AB340 12033-AC000 12033-AC010 12033-AC020					18

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

F5A — 543 cc — 3 cyl.
FRONTE 550

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 62.00 CD 27.40 -0.8 TL 57.40	2 - 1.5 1 - 2.8	Ø 16.000 TL 49.00				
TEIKIN NO. 45114-3	TEIKIN NO. R 45114-3	TEIKIN NO. P 45114				
REFERENCE NO. 12111-78110 12111-78111	REFERENCE NO. 12140-73000 12140-73010 12140-73011					

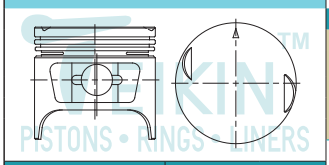


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 14.50 mm

1

F8A, ST90, LJ80 — 797 cc — 4 cyl.
F5A (3 Cyl.)
1978

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 62.00 CD 27.40 -0.8 TL 57.40	2 - 1.5 1 - 2.8	Ø 16.000 TL 49.00		TL OD	120.0 66.0	TEIKIN NO. LKSX 45114
TEIKIN NO. 45114	TEIKIN NO. R 45114	TEIKIN NO. P 45114		TEIKIN NO. LSX 45114		
REFERENCE NO. 12111-78110 12111-78111	REFERENCE NO. 12140-73000 12140-73010 12140-73011			Surface Treatment None REFERENCE NO.		

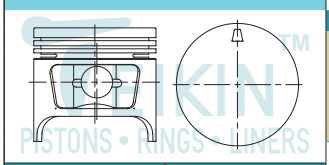


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 14.50 mm

2

F8A — 797 cc — 4 cyl.
ST90

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 62.00 CD 27.50 TL 57.50	2 - 1.5 1 - 2.8	Ø 16.000 TL 49.00		TL OD	120.0 66.0	TEIKIN NO. LKSX 45652
TEIKIN NO. 45652	TEIKIN NO. R 45114	TEIKIN NO. P 45114		TEIKIN NO. LSX 45114		
REFERENCE NO. 12110-73002 12111-73002	REFERENCE NO. 12140-73000 12140-73010 12140-73011			Surface Treatment None REFERENCE NO.		

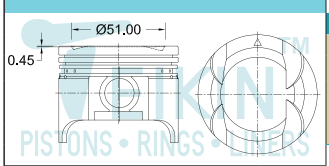


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.50 mm

3

F6A — 3 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 65.00 CD 25.60 -0.5 TL 52.60	1 - 1.2 1 - 1.5 1 - 2.5	Ø 16.000 TL 49.00				
TEIKIN NO. 45138	TEIKIN NO. R 45138	TEIKIN NO. P 45114				
REFERENCE NO. 12111-51E00	REFERENCE NO. 12140-51E50 12140-73D00					



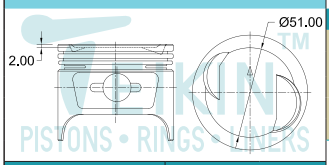
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 14.50 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

F10A, ST100, SJ410 — 970 cc — 4 cyl.
1983

	Ø 65.50	2 - 1.5	Ø 16.000		TL		125.0	TEIKIN NO.
	CD 24.70		TL 52.50		OD		69.5	LKSX 45117
	-2.0	1 - 2.8						
	TL 55.00							
	TEIKIN NO. 45117	TEIKIN NO. R 45117	TEIKIN NO. P 45113		TEIKIN NO. LSX 45117			
					Surface Treatment: None			
	REFERENCE NO. 12111-75104, 12111-75107, 12111-85201, 12111-85288L0B0	REFERENCE NO. 12140-75101/10, 12140-75111/2/3			REFERENCE NO.			

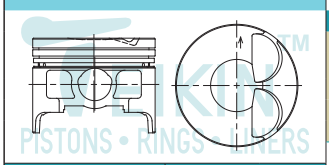


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 16.85 mm

5

K6A — 3 cyl.
CARRY 2002-2011
EVERY 2002-2011

	Ø 68.00	1 - 1.0 1 - 1.2	Ø 18.000 TL 50.00					
	CD 25.70							
	-0.8	1 - 2.0						
	TL 52.60							
	TEIKIN NO. 45151		TEIKIN NO. P 45136					
	REFERENCE NO. 12111-63C13, 12111-83G01-0A0							

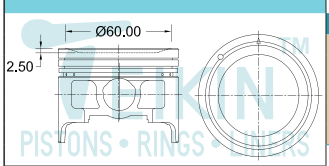


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.00 mm

6

ALTO — 4 cyl.
K10A

	Ø 68.00	1 - 1.0 1 - 1.2	Ø 18.000 TL 50.00					
	CD 25.60							
	-2.5	1 - 2.0						
	TL 52.50							
	TEIKIN NO. 45136	TEIKIN NO. R 45136	TEIKIN NO. P 45136					
	REFERENCE NO. 12100-75811-0B0, 12100-75811-0A0	REFERENCE NO. 12140-73G01						

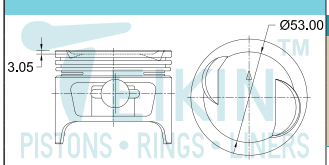


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.00 mm

7

SS80 — 800 cc — 3 cyl.
F8B

	Ø 68.50	2 - 1.5	Ø 16.000		TL	112.0	160.0	TEIKIN NO.
	CD 24.90		TL 53.50		OD	71.4	72.5	LKSF 45122
	-3.1	1 - 2.8			FT	4.8		LKSX 45122
	TL 54.90				FD	72.6		
	TEIKIN NO. 45122	TEIKIN NO. R 45122	TEIKIN NO. P 45122		TEIKIN NO. LSF 45122, LSX 45122			
					Surface Treatment: None			
	REFERENCE NO. 12111-78400, 12111-78402	REFERENCE NO. 12140-78410, 12140-78411, 12140-78412			REFERENCE NO.			



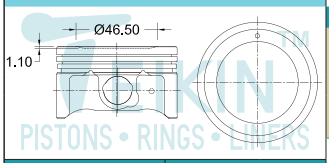
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.00 mm

8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
					LINER			

ALTO 800 CC LXI — 800 cc — 3 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 68.50	1 - 1.0	Ø 16.000				
	1 - 1.2	TL 48.00				
CD 25.00						
-1.1	1 - 2.0					
TL 41.00						
TEIKIN NO.		TEIKIN NO.				
45154		P 45154				
REFERENCE NO.						
12111-53M00-0A0						

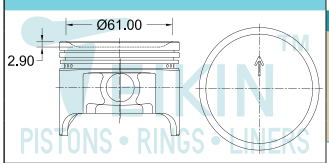


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 6.50 mm

9

ALTO LXI — 800 cc — 3 cyl.
MARUTI 800CC MPFI

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 68.50	1 - 1.2	Ø 16.000		TL 112.0		TEIKIN NO.
	1 - 1.5	TL 49.00		OD 71.4		LKSF 45146-3
CD 25.50				FT 4.8		
-2.9	1 - 2.5			FD 72.6		
TL 52.40						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
45146-3	R 45146-3	P 45114		LSF 45122		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		
12111-84400-0A0 1211M84400	12140-83E60 12140M84400					

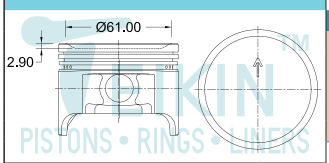


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 14.80 mm

10

WAGON R — 800 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 68.50	1 - 1.2	Ø 16.000		TL 112.0		TEIKIN NO.
	1 - 1.5	TL 49.00		OD 71.4		LKSF 45146
CD 25.50				FT 4.8		
-2.9	1 - 2.5			FD 72.6		
TL 52.40						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
45146	R 45146	P 45114		LSF 45122		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		
12111-84400-0A0 1211M84400	12140-83E60 12140M84400					

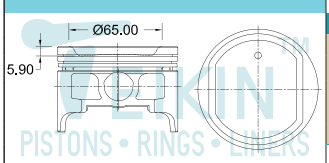


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 14.80 mm

11

K12A — 1171 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 71.00	1 - 1.0	Ø 17.000				
	1 - 1.2	TL 50.00				
CD 23.50						
-5.9	1 - 2.0					
TL 50.40						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
45141	R 45141	P 45141				
REFERENCE NO.	REFERENCE NO.					
12100-75821-0A0	12140-75F30					



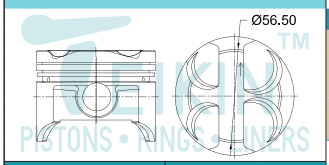
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.50 mm

12

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

G10B — 993 cc — 4 cyl.
CULTUS EFI 2008-2016

Ø 72.00	1 - 1.2 1 - 1.5	Ø 17.000 TL 60.00				
CD 28.00 +0.2 TL 55.20	1 - 2.8					
TEIKIN NO. **45166**		**TEIKIN NO.** **P 45166**				
REFERENCE NO. 12111-68EA0						

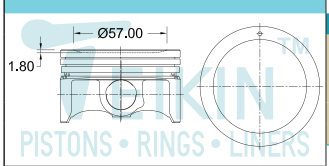


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.00 mm

13

K10B — 998 cc — 3 cyl.
CELERIO 1.0 L

Ø 73.00	1 - 1.0 1 - 1.2	Ø 18.000 TL 50.00				
CD 27.30 -1.8 TL 44.30	1 - 2.0					
TEIKIN NO. **45145**	**TEIKIN NO.** **R 45145**	**TEIKIN NO.** **P 45136**				
REFERENCE NO. 12100-M68850	**REFERENCE NO.**					

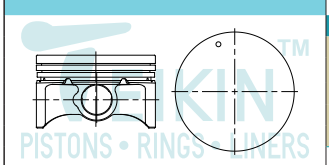


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 5.50 mm

14

K10B-III — 3 cyl.
ALTO K10 (2014-NOW)
CELERIO (2013-2017)

Ø 73.00	1 - 1.0 1 - 1.2	Ø 18.000 TL 46.50				
CD 27.30 TL 44.60	1 - 2.0					
TEIKIN NO. **45164**		**TEIKIN NO.** **P 45148**				
REFERENCE NO. 12111M76M00						

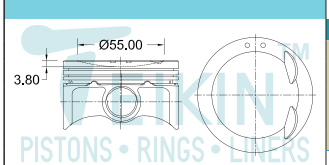


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 6.50 mm

15

K14B — 4 cyl.

Ø 73.00	1 - 1.0 1 - 1.2	Ø 18.000 TL 46.50				
CD 26.00 -3.8 TL 43.30	1 - 2.0					
TEIKIN NO. **45148**		**TEIKIN NO.** **P 45148**				
REFERENCE NO. 12111B71L50N0A0						



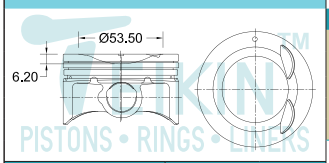
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 6.50 mm

16

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

K12M — 1197 cc — 4 cyl.

IGNIS 1.2L ALPHA
2016 - NOW



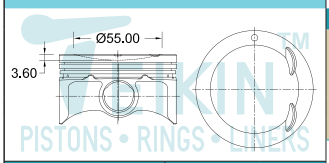
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 6.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 73.00 CD 27.30 -6.2 TL 44.50	1 - 1.0 1 - 1.2 1 - 2.0	Ø 18.000 TL 46.50				
TEIKIN NO. 45160		TEIKIN NO. P 45148				
REFERENCE NO. 12111M83P00						

17

K14B-II — 1373 cc — 4 cyl.

SUZUKI L4 1.4L
2012-17, SWIFT
DOHC 16 VÁL. VVT



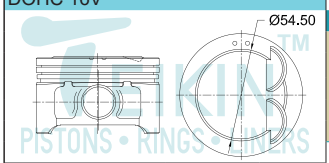
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 6.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 73.00 CD 26.00 -3.6 TL 43.30	1 - 1.0 1 - 1.2 1 - 2.0	Ø 18.000 TL 46.50				
TEIKIN NO. 45161	TEIKIN NO. R 45161	TEIKIN NO. P 45148				
REFERENCE NO. 12100-71840-0A0	REFERENCE NO. 12140-69L50 12140-M-83KA0					

18

K12B — 1242 cc — 4 cyl.

SPLASH
SOLIO, SWIFT
A5B412
(2010-PRESENT)
DOHC 16V



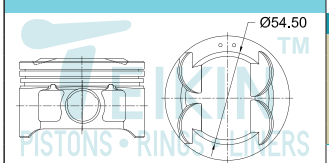
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 73.00 CD 26.20 +0.7 TL 45.50	1 - 1.0 1 - 1.2 1 - 2.0	Ø 18.000 TL 47.50				
TEIKIN NO. 45162	TEIKIN NO. R 45162	TEIKIN NO. P 30110				
REFERENCE NO. 12100-73840	REFERENCE NO. 12140-51K00					

19

K12B-II — 4 cyl.

SPLASH
SWIFT
WAGON R PLUS
(2010-PRESENT)



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 73.00 CD 26.00 +1.6 TL 46.10	1 - 1.0 1 - 1.2 1 - 2.0	Ø 18.000 TL 47.50				
TEIKIN NO. 45163		TEIKIN NO. P 30110				
REFERENCE NO. 12100-69841						

20

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

K12M-II

RITZ (2009-2017) — 4 cyl.
SWIFT (2010-2011)

Ø 73.00							
CD 27.30	1 - 1.0 1 - 1.2 1 - 2.0	Ø 18.000 TL 47.50					
TL 45.40							
TEIKIN NO. 45165		**TEIKIN NO.** P 30110					
REFERENCE NO. 12111M83KA0							

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 6.50 mm

21

K14C — 1372 cc

VITARA/ESCUDO (2015-PRESENT)
SWIFT SPORT (2018-PRESENT)
SX4 S-CROSS (2016-PRESENT)
DOHC, 16-valve, VVT — 4 cyl.

Ø 73.00							
CD 27.00 +5.2 TL 49.50	2 - 1.0 1 - 2.0	Ø 18.000 TL 47.50					
TEIKIN NO. 45170		**TEIKIN NO.** P 30110					
REFERENCE NO. 12101-68850 12101-68841 12101-68851							

Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 8.00 mm

22

G10 NEW, G10A — 993 cc

GM METRO
F.I., SOHC 6 V
1989-2000 — 3 cyl.

Ø 74.00							TEIKIN NO.
CD 28.65 -2.0 TL 55.65	1 - 1.2 1 - 1.5 1 - 2.8	Ø 17.000 TL 65.00		TL OD		140.0 78.0	LKSX 45125
TEIKIN NO. 45125	**TEIKIN NO.** R 45125	**TEIKIN NO.** P 45125		**TEIKIN NO.** LSX 45125			
				Surface Treatment None			
REFERENCE NO. 12111-60B00-0B0 12111-61810-0B0 96060039	**REFERENCE NO.** 12140-82001/50/51 12140-82161			**REFERENCE NO.**			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.80 mm

23

G10 — 993 cc

GM SPRINT 1985-88
SOHC, 6 V, CARB — 3 cyl.

Ø 74.00							TEIKIN NO.
CD 28.40 -5.6 TL 55.30	1 - 1.2 1 - 1.5 1 - 2.8	Ø 17.000 TL 65.00		TL OD		140.0 78.0	LKSX 45126
TEIKIN NO. 45126	**TEIKIN NO.** R 45125	**TEIKIN NO.** P 45125		**TEIKIN NO.** LSX 45125			
				Surface Treatment None			
REFERENCE NO. 12111-82010	**REFERENCE NO.** 12140-82001/50/51 12140-82161			**REFERENCE NO.**			

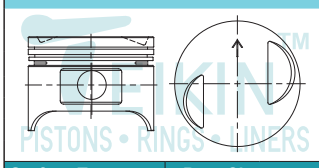
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.50 mm

24

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

G13B — 1300 cc — 4 cyl.

Ø 74.00	1 - 1.2	Ø 17.000		TL 140.0	TEIKIN NO.
	1 - 1.5	TL 65.00		OD 78.0	LKSX 45128
CD 29.30					
-4.8	1 - 2.8				
TL 56.20					



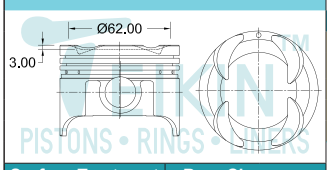
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
45128	R 45128	P 45125		LSX 45128
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12111-63B00-0B0	12140-82050/1			
12111-61840-0B0	12140-82X50			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.50 mm

25

STEAM 1.3L — 4 cyl.

Ø 74.00	2 - 1.2	Ø 19.000		TL 120.5	TEIKIN NO.
		TL 61.00		OD 77.0	LKSF 45135
CD 29.00				FT 5.0	
-3.0	1 - 2.5			FD 77.7	
TL 56.00					



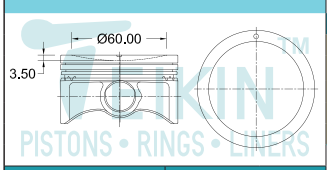
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
45135	R 45135	P 45127		LSF 45135
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12101-63810-0A0	12140-26810			
	121-40M63E60			

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.30 mm

26

K15B — SUZUKI ALL NEW ERTIGA — 4 cyl.

Ø 74.00	1 - 1.0	Ø 18.000			
	1 - 1.2	TL 47.50			
CD 26.00					
-3.5	1 - 2.0				
TL 43.30					



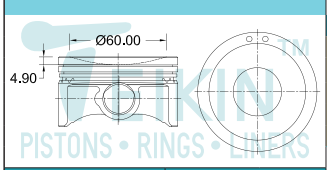
TEIKIN NO.		TEIKIN NO.		
45156		P 30110		
REFERENCE NO.				
12111-73R00-000				

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 4.00 mm

27

K15B-C — NEW CARRY PICK-UP — 4 cyl.

Ø 74.00	1 - 1.0	Ø 18.000			
	1 - 1.2	TL 47.50			
CD 26.00					
-4.9	1 - 2.0				
TL 43.30					



TEIKIN NO.		TEIKIN NO.		
45158		P 30110		
REFERENCE NO.				
12111-52S00-000				

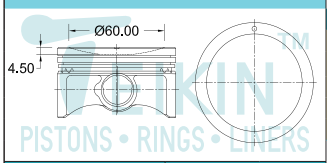
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 6.50 mm

28

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

K15B-II 1462 cc — 4 cyl.
JIMNY (2018-)

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 74.00	1 - 1.0	Ø 18.000					
	1 - 1.2	TL 47.50					
CD 26.00							
-4.5	1 - 2.0						
TL 43.30							
TEIKIN NO.		**TEIKIN NO.**					
45167		**P 30110**					
REFERENCE NO.							
12100-78860-000							

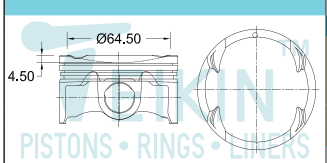


Surface Treatment	Bore Clearance
Moly Skirt	MRC:0.030 mm MP: 6.50 mm

29

K15C 1462 cc — 4 cyl.
GRAND VITARA (2022-)

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 74.00	2 - 1.0	Ø 18.000					
		TL 47.50					
CD 26.00							
-4.5	1 - 2.0						
TL 42.00							
TEIKIN NO.		**TEIKIN NO.**					
45168		**P 30110**					
REFERENCE NO.							
12111-M52T00-000							

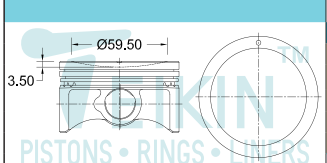


Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 5.50 mm

30

K15B-III 1462 cc — 4 cyl.
BALENO (2022-)

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 74.00	1 - 1.0	Ø 18.000					
	1 - 1.2	TL 47.50					
CD 26.00							
-3.5	1 - 2.0						
TL 43.30							
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**					
45169	**R 45169**	**P 30110**					
REFERENCE NO.	**REFERENCE NO.**						
12111-M72R00-000	12140-M72R00						

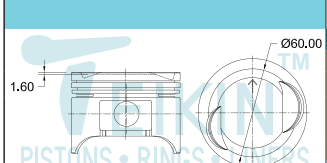


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

31

G13-II 1298 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 74.00	1 - 1.2	Ø 17.000		TL		140.0	**TEIKIN NO.**
	1 - 1.5	TL 65.00		OD		78.0	**LKSX 45650**
CD 28.40							
-1.6	1 - 2.8						
TL 55.40							
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**			
45650	**R 45128**	**P 45125**		**LSX 45128**			
				Surface Treatment			
				None			
REFERENCE NO.	**REFERENCE NO.**			**REFERENCE NO.**			
12111-83000	12140-82050/1 12140-82X50						



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.80 mm

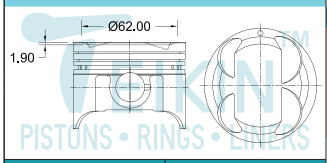
32

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
					LINER			

G13BB — 1298 cc — 4 cyl.

JIMNY, CARRY VAN
SOHC 16V
1998 - ON

Ø 74.00							
CD 29.00	1 - 1.2	Ø 19.000		TL	140.0		TEIKIN NO.
-1.9	1 - 1.5	TL 61.00		OD	78.0		LKSX 45653
TL 56.00	1 - 2.8						
TEIKIN NO. 45653	TEIKIN NO. R 45128	TEIKIN NO. P 45127		TEIKIN NO. LSX 45128			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO. 12140-82050/1, 12140-82X50			REFERENCE NO.			

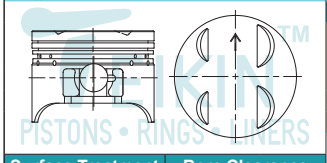


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.30 mm

33

G13B-II — 1298 cc — 4 cyl.

Ø 74.00							
CD 29.20	1 - 1.2	Ø 19.000		TL	140.0		TEIKIN NO.
-5.8	1 - 1.5	TL 61.00		OD	78.0		LKSX 45654
TL 56.20	1 - 2.8						
TEIKIN NO. 45654	TEIKIN NO. R 45128	TEIKIN NO. P 45127		TEIKIN NO. LSX 45128			
				Surface Treatment: None			
REFERENCE NO. 12111-86501	REFERENCE NO. 12140-82050/1, 12140-82X50			REFERENCE NO.			

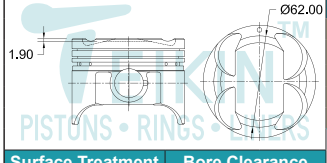


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 14.00 mm

34

G13-Y58 — 1298 cc — 4 cyl.

Ø 74.00							
CD 29.00	2 - 1.2	Ø 19.000		TL	140.0		TEIKIN NO.
-1.9	1 - 2.5	TL 61.00		OD	78.0		LKSX 45655
TL 56.00							
TEIKIN NO. 45655	TEIKIN NO. R 45655	TEIKIN NO. P 45127		TEIKIN NO. LSX 45128			
				Surface Treatment: None			
REFERENCE NO. 12111-63E10, 12100-63880	REFERENCE NO. 12140-63E50			REFERENCE NO.			



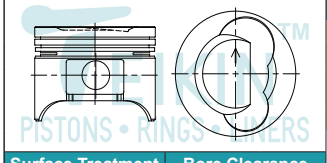
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.30 mm

35

G13 NEW — 1300 cc — 4 cyl.

GM METRO
F.I., SOHC 6 V
1989-2000

Ø 74.00							
CD 28.65	1 - 1.2	Ø 17.000					
-2.0	1 - 1.5	TL 65.00					
TL 55.65	1 - 2.8						
TEIKIN NO. 45125-4		TEIKIN NO. P 45125					
REFERENCE NO. 12111-60B00-0B0, 12111-61810-0B0, 96060039							



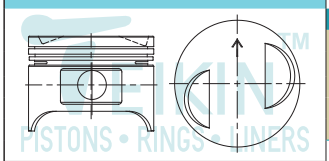
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.80 mm

36

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

G13 — 1298 cc — 4 cyl.

Ø 74.00	1 - 1.2	Ø 17.000		TL	140.0	TEIKIN NO.
	1 - 1.5	TL 65.00		OD	78.0	LKSX 45126-4
CD 28.40						
-5.6	1 - 2.8					
TL 55.30						



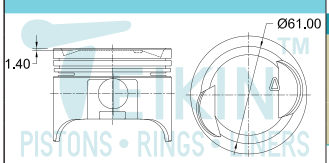
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
45126-4	R 45128	P 45125		LSX 45128
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12111-82010	12140-82050/1 12140-82X50			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.50 mm

37

SL413 — 1300 cc — FUTURA — 4 cyl.

Ø 75.00	1 - 1.2	Ø 19.000				
	1 - 1.5	TL 64.00				
CD 28.35						
-1.4	1 - 2.8					
TL 58.30						



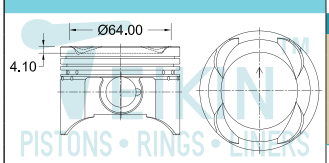
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
45123	R 45123	P 43132		
REFERENCE NO.	REFERENCE NO.			
12111-77500-0A0				

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 16.40 mm

38

G16KV — 1590 cc — SIDEKICK / GM TRACKER / F.I., SOHC, 16 V / 1991-98 — 4 cyl.

Ø 75.00	1 - 1.2	Ø 19.000		TL	138.0	TEIKIN NO.
	1 - 1.5	TL 62.00		OD	79.0	LKSX 45124
CD 28.45						
-4.1	1 - 2.8					
TL 55.30						



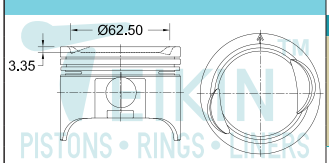
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
45124	R 45124	P 44259		LSX 45124
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12111-61850 12100-71820	12140-60A50 12140-61A00			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 13.50 mm

39

G16A, G16KC — 1590 cc — SL413-II / SIDEKICK 1989-95 / GM TRACKER 1989-95 / F.I., SOHC, 8 V — 4 cyl.

Ø 75.00	1 - 1.2	Ø 19.000		TL	138.0	TEIKIN NO.
	1 - 1.5	TL 61.00		OD	79.0	LKSX 45127
CD 28.40						
-3.3	1 - 2.8					
TL 58.35						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
45127	R 45124	P 45127		LSX 45124
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12111-60A02-0A0	12140-60A50 12140-61A00			

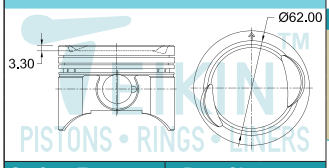
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 16.40 mm

40

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

VITARA 1590 cc — 4 cyl.

Ø 75.00	2 - 1.2	Ø 19.000		TL 138.0		TEIKIN NO.
CD 28.30		TL 61.00		OD 79.0		LKSX 45132
-3.3	1 - 2.5					
TL 55.30						
TEIKIN NO. 45132	TEIKIN NO. R 45132	TEIKIN NO. P 45127		TEIKIN NO. LSX 45124		
				Surface Treatment: None		
REFERENCE NO. 12111-61A00	REFERENCE NO. 12140-61G00, 12140-61G50			REFERENCE NO.		



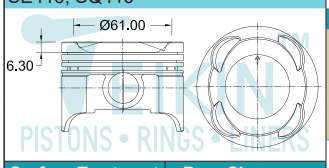
Surface Treatment	Bore Clearance
None	MRC: 0.020 mm MP: 13.50 mm

41

G16B-II — 4 cyl.

BALENO
ESCUDO
GRAND VITARA
VITARA / SIDEKICK
SE416, SQ416

Ø 75.00	2 - 1.2	Ø 19.000				
CD 28.40		TL 62.00				
-6.3	1 - 2.5					
TL 55.40						
TEIKIN NO. 45144	TEIKIN NO. R 45132	TEIKIN NO. P 44259				
REFERENCE NO. 12100-61860	REFERENCE NO. 12140-61G00, 12140-61G50					



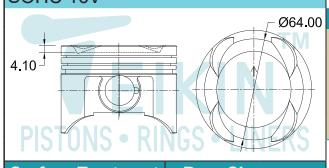
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.50 mm

42

G15A 1493 cc — 4 cyl.

APV ~ CARRY
SUPER CARRY
GC415V
GC416T ~ GC416V
SOHC 16V

Ø 75.00	2 - 1.2	Ø 19.000		TL 138.0		TEIKIN NO.
CD 28.30		TL 62.00		OD 79.0		LKSX 45149
-4.1	1 - 2.5					
TL 55.30						
TEIKIN NO. 45149	TEIKIN NO. R 45149	TEIKIN NO. P 44259		TEIKIN NO. LSX 45124		
				Surface Treatment: None		
REFERENCE NO. 12111-61J00-0B0, 12111-61J00-0A0	REFERENCE NO. 12140-61J00			REFERENCE NO.		

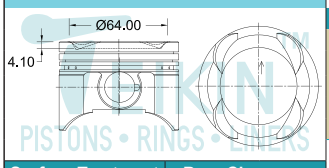


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 13.50 mm

43

G16KV-II — 4 cyl.

Ø 75.00	2 - 1.2	Ø 19.000				
CD 28.30		TL 62.00				
-4.1	1 - 2.5					
TL 55.30						
TEIKIN NO. 45153		TEIKIN NO. P 44259				
REFERENCE NO. 12100-61850-0A0						



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 13.50 mm

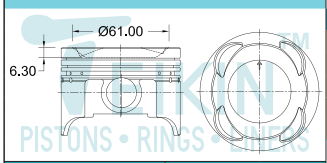
44

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

SWIFT 1.6 — 1590 cc — 4 cyl.

G16

Ø 75.00	1 - 1.2	Ø 19.000		TL 138.0		TEIKIN NO.
CD 28.40	1 - 1.5	TL 62.00		OD 79.0		LKSX 45601
-6.3	1 - 2.8					
TL 55.40						
TEIKIN NO. 45601 (45130)	TEIKIN NO. R 45124	TEIKIN NO. P 44259		TEIKIN NO. LSX 45124		
				Surface Treatment: None		
REFERENCE NO. 12111-71C50, 12111-71C51	REFERENCE NO. 12140-60A50, 12140-61A00			REFERENCE NO.		



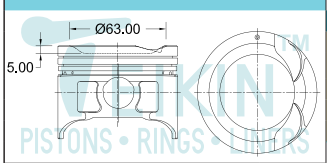
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.50 mm

45

M15A — 1490 cc — 4 cyl.

SX4
DOHC 16V VVT

Ø 78.00	2 - 1.2	Ø 20.000				
CD 30.00	1 - 2.5	TL 59.00				
-5.0						
TL 59.50						
TEIKIN NO. 45143	TEIKIN NO. R 45143	TEIKIN NO. P 51101				
REFERENCE NO. 12100-54821	REFERENCE NO.					

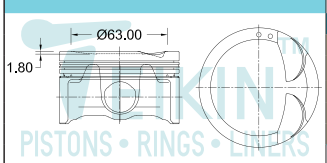


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 14.60 mm

46

M16A — 4 cyl.

Ø 78.00	2 - 1.0	Ø 20.000				
CD 29.80	1 - 2.0	TL 43.00				
-1.8						
TL 47.30						
TEIKIN NO. 45157		TEIKIN NO. P 45157				
REFERENCE NO. 12100-54880						



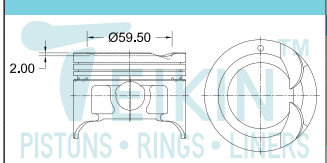
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 6.50 mm

47

M13A — 1328 cc — 4 cyl.

SWIFT RS413
DOHC 16V

Ø 78.00	2 - 1.2	Ø 20.000				
CD 30.00	1 - 2.5	TL 58.00				
-2.0						
TL 59.50						
TEIKIN NO. 45656	TEIKIN NO. R 45656	TEIKIN NO. P 52112				
REFERENCE NO. 12100-69811	REFERENCE NO. 12140-54GA0, 12140-54GA0-050					



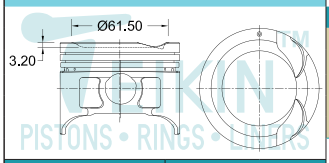
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 14.60 mm

48

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

M15A-II 1490 cc

SWIFT-SX4
RS415-RW415
(04-)
DOHC 16V
4 cyl.



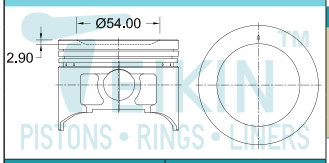
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 14.60 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 78.00 CD 30.10 -3.2 TL 59.50	2 - 1.2 1 - 2.5	Ø 20.000 TL 58.00					
TEIKIN NO. 45657	TEIKIN NO. R 45656	TEIKIN NO. P 52112					
REFERENCE NO. 12100-54812	REFERENCE NO. 12140-54GA0 12140-54GA0-050						

49

H20A

6 cyl.



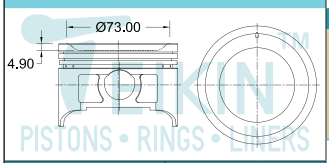
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.00 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 78.00 CD 29.40 -2.9 TL 58.90	1 - 1.2 1 - 1.5 1 - 2.5	Ø 20.000 TL 59.00					
TEIKIN NO. 45134		TEIKIN NO. P 51101					
REFERENCE NO. 12111-85FA2							

50

J20A 1995 cc

VITARA
1999-2002
F.I. DOHC 16V
4 cyl.



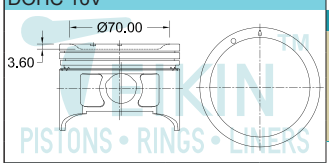
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 16.00 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 84.00 CD 29.40 -4.9 TL 58.90	1 - 1.2 1 - 1.5 1 - 2.5	Ø 21.000 TL 59.00			TL OD	135.0 88.0	TEIKIN NO. LKSX 45133
TEIKIN NO. 45133	TEIKIN NO. R 45133	TEIKIN NO. P 45131			TEIKIN NO. LSX 45133 Surface Treatment None		
REFERENCE NO. 12100-65811 12100-65810	REFERENCE NO. 12140-77E00 12140-86FA0				REFERENCE NO.		

51

SX4 1995 cc

GRAND VITARA
JB420W RW415
RW416, JB420W RW415
(06-)
DOHC 16V
4 cyl.



Surface Treatment	Bore Clearance
Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 14.50 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 84.00 CD 31.20 -3.6 TL 60.70	2 - 1.2 1 - 2.5	Ø 21.000 TL 59.00					
TEIKIN NO. 45147	TEIKIN NO. R 45147	TEIKIN NO. P 45131					
REFERENCE NO. 12100-65820-0A0 12100-65821-0A0	REFERENCE NO. 12140-65J00 12140-65J50						

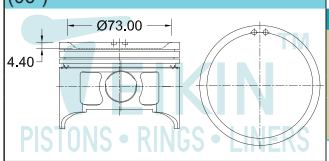
52

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

J20A-II — 1995 cc — 4 cyl.

GRAND VITARA
SX4
JB420W RW415
RW416, JB420W RW415
(06-)

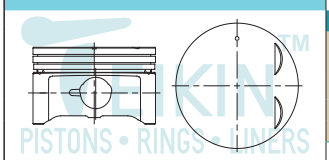


Surface Treatment	Bore Clearance
Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 14.50 mm

PISTON SET	RINGS	PIN
Ø 84.00	2 - 1.2	Ø 21.000
		TL 59.00
CD 31.00	1 - 2.5	
-4.4		
TL 60.50		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
45150	**R 45147**	**P 45131**
REFERENCE NO.	**REFERENCE NO.**	
12100-65831-0A0	12140-65J00	
12100-65831-0B0	12140-65J50	

53

J20B — 4 cyl.

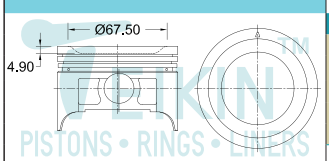


Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 8.00 mm

PISTON SET	RINGS	PIN
Ø 84.00	1 - 1.2	Ø 21.000
	1 - 1.0	TL 57.50
CD 30.60	1 - 2.0	
-0.9		
TL 51.60		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
45152	**R 45152**	**P 45152**
REFERENCE NO.	**REFERENCE NO.**	
12100-54870-0A0		

54

J18 — J20 — 4 cyl.



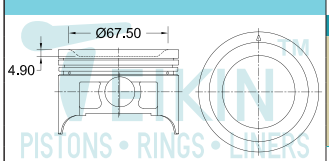
Surface Treatment	Bore Clearance
None	MRC: 0.020 mm MP: 16.00 mm

PISTON SET	RINGS	PIN
Ø 84.00	1 - 1.2	Ø 21.000
	1 - 1.5	TL 59.00
CD 29.40	1 - 2.5	
-4.9		
TL 58.90		
TEIKIN NO.		**TEIKIN NO.**
45131-4		**P 45131**
REFERENCE NO.		
12100-86830		
12100-86831-0A0		

55

H25A — 2494 cc — J20 — 6 cyl.

GRAND VITARA
1999-2002
F.I., DOHC 24V



Surface Treatment	Bore Clearance
None	MRC: 0.020 mm MP: 16.00 mm

PISTON SET	RINGS	PIN			
Ø 84.00	1 - 1.2	Ø 21.000	TL		135.0
	1 - 1.5	TL 59.00	OD		88.0
CD 29.40	1 - 2.5				
-4.9					
TL 58.90					
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**	**TEIKIN NO.**		
45131	**R 45131**	**P 45131**	**LSX 45131**		
			Surface Treatment		
			None		
REFERENCE NO.	**REFERENCE NO.**		**REFERENCE NO.**		
12100-86830	12140-77E00				
12100-86831-0A0	12140-86FA0				

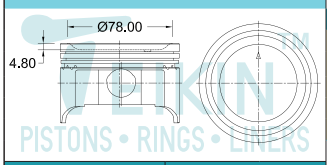
TEIKIN NO. **LKSX 45131**

56

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
					LINER			

H27 — 2737 cc — 6 cyl.
XL7

Ø 88.00	1 - 1.2	Ø 21.000		TL 138.0	TEIKIN NO.
	1 - 1.5	TL 59.00		OD 92.0	LKSX 45137
CD 29.40					
-4.8	1 - 2.8				
TL 58.90					



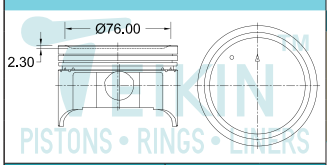
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
45137	R 45137	P 45131		LSX 45137
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
12100-52812 12100-52810/11-025 12100-52811/12-050 12100-52811-0A0/0B0 12100-52812-0A0/0B0	12140-52D00			

Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.030 mm
1st Ring Anodized	MP: 16.00 mm

57

H27-II — 2700 cc — 6 cyl.
GRAND VITARA 2.7

Ø 88.00	1 - 1.2	Ø 21.000
	1 - 1.5	TL 59.00
CD 29.50		
-2.3	1 - 2.8	
TL 58.90		



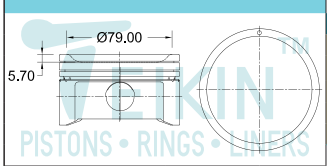
TEIKIN NO.		TEIKIN NO.
45142		P 45131
REFERENCE NO.		
12100-66811-0A0		

Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.030 mm
1st Ring Anodized	MP: 16.00 mm

58

AERIO — 2290 cc — 4 cyl.
DOHC 16V
2004-2007

Ø 90.00	2 - 1.2	Ø 21.000
		TL 59.00
CD 31.10		
-5.7	1 - 2.5	
TL 52.10		



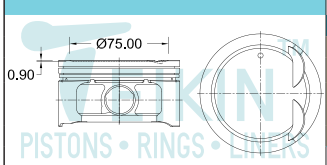
TEIKIN NO.		TEIKIN NO.
45140		P 45131
REFERENCE NO.		
12100-598-100A0		

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.50 mm
1st Ring Anodized	

59

J24B — 2400 cc — 4 cyl.

Ø 92.00	1 - 1.2	Ø 21.000
	1 - 1.0	TL 59.00
CD 30.70		
-0.9	1 - 2.0	
TL 51.20		

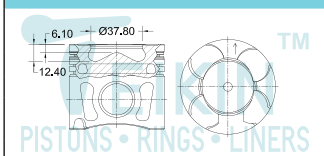


TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
45139	R 45139	P 45131
REFERENCE NO.	REFERENCE NO.	
12100-78831-0A0	12140-78K00 12140-78K50	

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.00 mm
1st Ring Anodized	

60

TEIKIN™
PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
D13A 1248 cc ERTIGA DIESEL 4 cyl.	**Ø 69.60** CD 40.40 -12.4 TL 62.40	2 - 1.5 1 - 2.0	Ø 23.000 TL 56.00					
	**TEIKIN NO.** **45159AG**		**TEIKIN NO.** **P 34129**					
	REFERENCE NO. 12110M55KE0-0A0							
Surface Treatment Chromated Moly Skirt	**Bore Clearance** MRC: 0.030 mm MP: 6.00 mm							

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
ACE CNG	**Ø 75.00**	1 - 1.2	Ø 18.000					
2 cyl.		1 - 1.5	TL 56.00					
	CD 27.70							
		1 - 2.5						
	TL 48.70							
	TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**					
	62106	**R 62106**	**P 30104**					
	REFERENCE NO.	**REFERENCE NO.**						
	570803990109							

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 8.50 mm

1

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

ACE

2 cyl.

Ø 75.00	2 - 2.0	Ø 23.010		TL 134.0		TEIKIN NO.
CD 43.00		TL 56.50		OD 78.1		LSF 62101A-2
-1.4	1 - 3.0			FT 5.0		
TL 69.10				FD 78.8		
TEIKIN NO. 62101A-2	TEIKIN NO. R 62101-2	TEIKIN NO. P 62101		TEIKIN NO. LSF 62101-2		
				Surface Treatment: None		
REFERENCE NO. 279003990109N	REFERENCE NO. 279003990110			REFERENCE NO.		

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.060 mm
Anodized Crown	MP: 12.00 mm

2

ACE-II

2 cyl.

Ø 75.00	2 - 2.0	Ø 23.010		TL 134.0		TEIKIN NO.
CD 43.00		TL 56.50		OD 78.1		LSF 62104A
-1.2	1 - 3.0			FT 5.0		
TL 69.00				FD 78.8		
TEIKIN NO. 62104A	TEIKIN NO. R 62101-2	TEIKIN NO. P 62101		TEIKIN NO. LSF 62101-2		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO. 279003990110			REFERENCE NO.		

Surface Treatment	Bore Clearance
Chromated	MRC: 0.060 mm
Moly Skirt	MP: 11.50 mm

3

INDICA

4 cyl.

Ø 75.00	2 - 2.0	Ø 23.010		TL 134.0		TEIKIN NO.
CD 43.00		TL 56.50		OD 78.1		LSF 62101A
-1.4	1 - 3.0			FT 5.0		
TL 69.10				FD 78.8		
TEIKIN NO. 62101A	TEIKIN NO. R 62101	TEIKIN NO. P 62101		TEIKIN NO. LSF 62101		
				Surface Treatment: None		
REFERENCE NO. 279003990109N	REFERENCE NO. 279003990110			REFERENCE NO.		

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.060 mm
Anodized Crown	MP: 12.00 mm

4

INDICA-II

4 cyl.

Ø 75.00	2 - 2.0	Ø 23.010		TL 134.0		TEIKIN NO.
CD 43.00		TL 56.50		OD 78.1		LSF 62104A-4
-1.2	1 - 3.0			FT 5.0		
TL 69.00				FD 78.8		
TEIKIN NO. 62104A-4	TEIKIN NO. R 62101	TEIKIN NO. P 62101		TEIKIN NO. LSF 62101		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO. 279003990110			REFERENCE NO.		

Surface Treatment	Bore Clearance
Chromated	MRC: 0.060 mm
Moly Skirt	MP: 11.50 mm

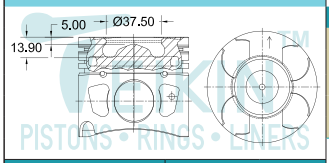
5

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

DICOR 1.4

4 cyl.

Ø 75.00	1 - 2.5 FK	Ø 27.000
	1 - 2.0	TL 61.00
CD 42.90		
-13.9	1 - 3.0	
TL 66.90		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
62105AG	R 62105	P 46629
REFERENCE NO.	REFERENCE NO.	

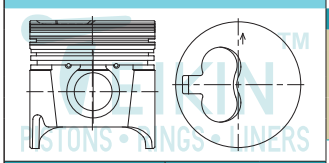
Surface Treatment	Bore Clearance
Chromated	MRC: 0.030 mm
	MP: 7.50 mm

6

207

4 cyl.

Ø 83.00	2 - 2.0	Ø 25.000	TL 151.4
		TL 70.00	OD 86.1
CD 46.80			FT 4.3
-2.3	1 - 3.0		FD 86.9
TL 84.30			



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
62103A	P G0118	LSF 62103
REFERENCE NO.		REFERENCE NO.

Surface Treatment	Bore Clearance
Chromated	MRC: 0.050 mm
Moly Skirt	MP: 18.00 mm

Surface Treatment
None

TEIKIN NO. LSF 62103A

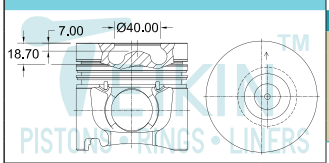
7

407 TURBO

SPACIO

4 cyl.

Ø 97.00	1 - 2.5 FK	Ø 36.000	TL 176.5
	1 - 2.5	TL 79.00	OD 100.1
CD 58.50			FT 4.6
-18.7	1 - 4.0		FD 103.5
TL 93.40			



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
62102A	P 39181	LSF 62102
REFERENCE NO.		REFERENCE NO.
8854 0356 2534		

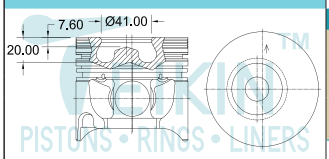
Surface Treatment	Bore Clearance
Chromated	MRC: 0.090 mm
Moly Skirt	MP: 10.40 mm

Surface Treatment
None

TEIKIN NO. LSF 62102A

8

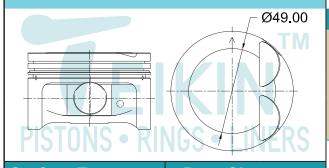
TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
TRAVELLER 4 cyl.	Ø 90.90 CD 48.60 -20.0 TL 82.10	1 - 3.0 1 - 2.0 1 - 4.0	Ø 28.000 TL 76.80			TL 158.3 OD 94.1 FT 4.8 FD 95.9		TEIKIN NO. LKSF 68101A
	TEIKIN NO. 68101A		TEIKIN NO. P 43157			TEIKIN NO. LSF 68101		
						Surface Treatment None		
Surface Treatment Chromated	REFERENCE NO.					REFERENCE NO.		
Bore Clearance MRC: 0.060 mm MP: 14.00 mm								1

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

1SZFE — 998 cc — 4 cyl.

YARIS
DOHC 16V
1998-2002

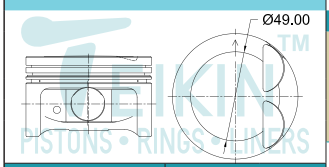


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 5.75 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 69.00 CD 26.10 +0.3 TL 44.60	2 - 1.2 1 - 2.0	Ø 18.000 TL 47.50					
TEIKIN NO. 46341		TEIKIN NO. P 30110					
REFERENCE NO. 13101-0J010							

1

1SZFE-II — 997 cc — 4 cyl.

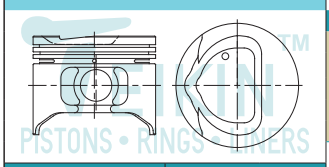


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 5.50 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 69.00 CD 26.10 +0.3 TL 44.40	2 - 1.2 1 - 2.0	Ø 18.000 TL 47.50					
TEIKIN NO. 46385	TEIKIN NO. R 46385	TEIKIN NO. P 30110					
REFERENCE NO. 13101-23020	REFERENCE NO. 13011-23040/1 13011-23051 13013-23040/1						

2

1E, 1EL — 999 cc — 4 cyl.

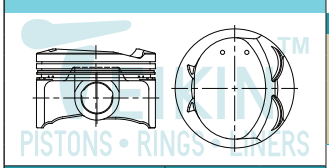


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.90 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 70.50 CD 28.00 -4.4 TL 56.00	2 - 1.5 1 - 3.0	Ø 18.000 TL 53.00			TL 132.0 OD 74.5		TEIKIN NO. LKSX 46661
TEIKIN NO. 46661	TEIKIN NO. R 46661	TEIKIN NO. P 46332			TEIKIN NO. LSX 46661		
REFERENCE NO. 13101-10033	REFERENCE NO. 13011-10070/1/2 13011-10080/1 13012-10070 13013-10070/1/2/81				Surface Treatment None REFERENCE NO.		

3

1KR-FE-II — VITZ (2010-2018) — 3 cyl.



Surface Treatment	Bore Clearance
Tin Coated Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.00 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 71.00 CD 26.70 +2.5 TL 47.00	1 - 1.2 1 - 1.0 1 - 2.0	Ø 18.000 TL 47.50					
TEIKIN NO. 46412		TEIKIN NO. P 30110					
REFERENCE NO. 13101-40060							

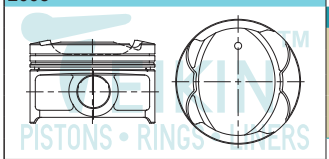
4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
						LINER	

1KR-FE — 998 cc — 3 cyl.

AYGO - PASSO
VITZ - YARIS
KGB10 - KSP90
DOHC 12V
2005 -

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 71.00 CD 26.70 +2.5 TL 47.00	2 - 1.0 1 - 1.5	Ø 18.000 TL 47.50				
TEIKIN NO. 46677	TEIKIN NO. R 46677	TEIKIN NO. P 30110				
REFERENCE NO. 13101-40020 13101-40021	REFERENCE NO. 13011-0Q010 13011-40030					



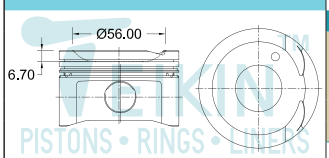
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 4.50 mm

5

3SZ-VE — 1500 cc — 4 cyl.

DAIHATSU KSZ-VE
RUSH
DAIHATSU TERRIOS
DAIHATSU GRAND MAX 1.5L

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 72.00 CD 28.00 -6.7 TL 45.50	2 - 1.2 1 - 2.0	Ø 18.000 TL 53.00				
TEIKIN NO. 46356	TEIKIN NO. R 46356	TEIKIN NO. P 46332				
REFERENCE NO. 13101-BZ100 13101-BZ140 13101-B1021 13103-B1060	REFERENCE NO. 13011-B1020 13011-BZ110 13013-B1020					



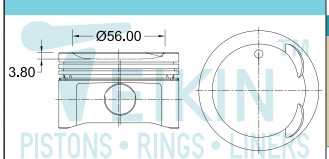
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 5.70 mm

6

K3-VE — 1298 cc — 4 cyl.

AVANZA 1.3L
DAIHATSU XENIA 1.3L
SIRION 1.3L
VVTI 16V

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 72.00 CD 28.00 -3.8 TL 45.50	2 - 1.2 1 - 2.0	Ø 18.000 TL 53.00				
TEIKIN NO. 46361	TEIKIN NO. R 46356	TEIKIN NO. P 46332				
REFERENCE NO. 13101-BZ030	REFERENCE NO. 13011-B1020 13011-BZ110 13013-B1020					



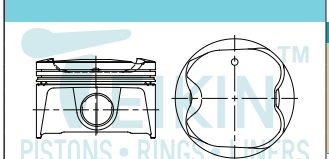
Surface Treatment	Bore Clearance
Tin Coated Anodized Crown	MRC: 0.030 mm MP: 5.70 mm

7

2SZ-FE-II — 4 cyl.

BELTA (2005-2012)
RACTIS (2005-2010)
VITZ (2002-2010)

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 72.00 CD 29.10 +1.9 TL 48.20	2 - 1.0 1 - 1.5	Ø 18.000 TL 46.50				
TEIKIN NO. 46422		TEIKIN NO. P 45148				
REFERENCE NO. 13101-23031 13101-23030						



Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 6.50 mm

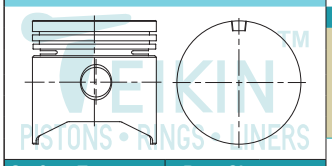
8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

2K — 993 cc — 4 cyl.

1969-75

Ø 72.00	2 - 2.0	Ø 18.000		TL 122.2	TEIKIN NO.
CD 36.00		TL 58.00		OD 76.0	LKSX 46603
TL 72.10	1 - 4.0				
TEIKIN NO. 46603 (46301)	TEIKIN NO. R 46603	TEIKIN NO. P 46603		TEIKIN NO. LSX 46603	
				Surface Treatment: None	
REFERENCE NO. 13101-12010	REFERENCE NO. 13011-12010/30/31, 13012-12010/30/31, 13013-12010/30/31, 13014-12010/30/31			REFERENCE NO.	

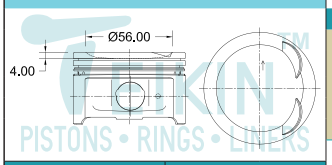


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.00 mm

9

2SZ-FE — 1296 cc — 4 cyl.

Ø 72.00	2 - 1.2	Ø 18.000			
CD 28.20		TL 47.50			
-4.0	1 - 2.0				
TL 46.20					
TEIKIN NO. 46683	TEIKIN NO. R 46683	TEIKIN NO. P 30110			
REFERENCE NO. 13101-03020, 13103-03020, 13101-0J020	REFERENCE NO. 13011-23060, 13013-23060				



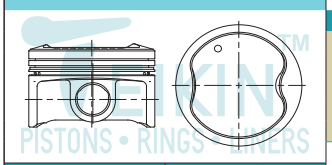
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 6.00 mm

10

3NR-FE — 1197 cc — 4 cyl.

ETIOS
NGK10
DOHC 16V
(10-)

Ø 72.50	2 - 1.0	Ø 18.000			
CD 30.00		TL 53.00			
+3.3	1 - 2.0				
TL 49.80					
TEIKIN NO. 46387	TEIKIN NO. R 46387	TEIKIN NO. P 46332			
REFERENCE NO. 13101-0Y030, 13101-47051	REFERENCE NO. 04130-0Y010, 04130-47010, 13011-47033				



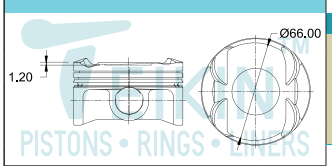
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 5.00 mm

11

1NR-VE — 4 cyl.

NEW AVANZA 1300CC
2015 - 2022
YARIS / VIOS / LIMO (2016-2020)

Ø 72.50	1 - 1.2 1 - 1.0	Ø 18.000 TL 53.00			
CD 26.10					
+2.6	1 - 2.0				
TL 45.20					
TEIKIN NO. 46390		TEIKIN NO. P 46332			
REFERENCE NO. 13211-0Y010, 13211-0Y011					



Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 5.10 mm

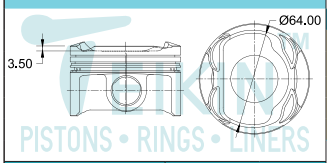
12

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

2NR-VE

NEW AVANZA 1500 CC
2015 /2016
4 cyl.

PISTON SET	RINGS	PIN
Ø 72.50	1 - 1.2	Ø 18.000
	1 - 1.0	TL 53.00
CD 29.40		
+2.6	1 - 2.0	
TL 48.50		
TEIKIN NO. 46391		TEIKIN NO. P 46332
REFERENCE NO. 13211-0Y060 13211-0Y061		



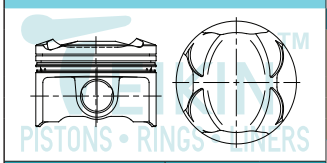
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.50 mm
1st Ring Anodized	

13

2NR-FE

4 cyl.

PISTON SET	RINGS	PIN
Ø 72.50	2 - 1.0	Ø 18.000
		TL 53.00
CD 30.20		
+3.8	1 - 2.0	
TL 52.00		
TEIKIN NO. 46394		TEIKIN NO. P 46332
REFERENCE NO. 13101-0Y120		



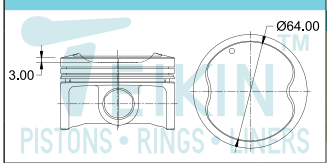
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.00 mm
1st Ring Anodized	

14

2NR-FE-II 1496 cc

ETIOS
NGK12, NGK15
(10-)
DOHC 16V
4 cyl.

PISTON SET	RINGS	PIN
Ø 72.50	2 - 1.0	Ø 18.000
		TL 53.00
CD 29.40		
+3.0	1 - 2.0	
TL 48.90		
TEIKIN NO. 46406	TEIKIN NO. R 46387	TEIKIN NO. P 46332
REFERENCE NO. 13101-47041 13101-0Y020	REFERENCE NO. 04130-0Y010 04130-47010 13011-47033	



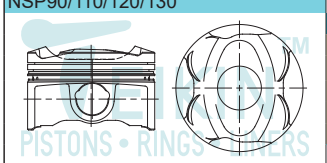
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.50 mm
1st Ring Anodized	

15

1NR-FE 1329 cc

AURIS ~ COROLLA
HYBRID ~ IQ
URBAN CRUISER
VERSO ~ YARIS
NSP90/110/120/130
4 cyl.

PISTON SET	RINGS	PIN
Ø 72.50	2 - 1.0	Ø 18.000
		TL 53.00
CD 26.40		
+3.8	1 - 1.5	
TL 47.90		
TEIKIN NO. 46702	TEIKIN NO. R 46702	TEIKIN NO. P 46332
REFERENCE NO. 13101-47020	REFERENCE NO. 13011-47030	



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.00 mm

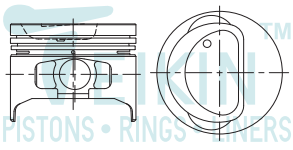
16

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

2E — 1295 cc — 4 cyl.

1984

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 73.00	2 - 1.5	Ø 18.000		TL	138.0	TEIKIN NO.
		TL 59.00		OD	77.0	LKSX 46141
CD 30.00						
-9.0	1 - 3.0					
TL 58.00						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
46141	R 46141	P 46141		LSX 46141		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		
13101-11050	13011-11040/41/60/61			11461-11030		
13101-11051	13011-11062/64/72/80/90			11461-11050		
	13012-11060					
	13013-11060/61/62/63					



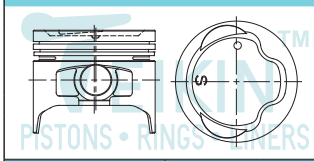
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 16.55 mm

17

3E, 3EE — 1456 cc — 4 cyl.

SOHC, 12 V, CARB.
TERCEL 1986-94

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 73.00	2 - 1.5	Ø 18.000		TL	138.0	TEIKIN NO.
		TL 59.00		OD	77.0	LKSX 46274
CD 30.00						
-3.3	1 - 3.0					
TL 62.00						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
46274	R 46141	P 46141		LSX 46141		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		
13101-11081	13011-11040/41/60/61			11461-11030		
	13011-11062/64/72/80/90			11461-11050		
	13012-11060					
	13013-11060/61/62/63					

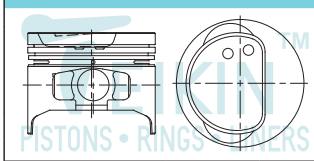


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 19.50 mm

18

2E-II — 1295 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 73.00	2 - 1.5	Ø 18.000		TL	138.0	TEIKIN NO.
		TL 59.00		OD	77.0	LKSX 46345
CD 30.00						
-7.9	1 - 3.0					
TL 58.00						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
46345	R 46141	P 46141		LSX 46141		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		
13101-11030	13011-11040/41/60/61			11461-11030		
13101-11090	13011-11062/64/72/80/90			11461-11050		
	13012-11060					
	13013-11060/61/62/63					



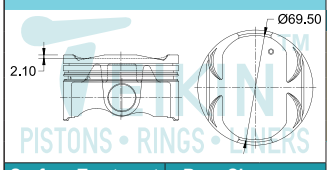
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 16.55 mm

19

WA-VE — 1195 cc — 3 cyl.

ROCKY / RAIZE
(2021-PRESENT)
AYLA / AGYA
(2023-PRESENT)

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 73.50	1 - 1.2	Ø 17.000				
	1 - 1.0	TL 40.00				
CD 27.30						
-2.1	1 - 2.0					
TL 41.80						
TEIKIN NO.		TEIKIN NO.				
46426		P 46426				
REFERENCE NO.						
13211-BZ301-0A						
13211-BZ300						



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.00 mm
1st Ring Anodized	

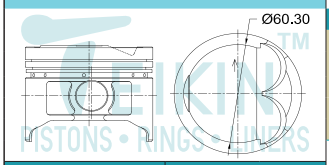
20

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

5E-FE — 1497 cc — 4 cyl.

TERCEL, 16 V, 1995-98
PASEO, 16 V, 1992-95

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 74.00	2 - 1.2	Ø 18.000		TL		140.0	TEIKIN NO.
CD 30.00		TL 59.00		OD		78.0	LKSX 46258
+0.7	1 - 3.0						
TL 58.85							
TEIKIN NO. 46258	TEIKIN NO. R 46258	TEIKIN NO. P 46141			TEIKIN NO. LSX 46258		
					Surface Treatment: None		
REFERENCE NO. 13101-11131, 13101-11161	REFERENCE NO. 13011-11122/40, 13011-11160/70/80				REFERENCE NO. 11461-11040		

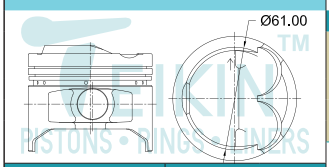


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 14.60 mm

21

4E-FE-II — 1331 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 74.00	2 - 1.2	Ø 18.000		TL		140.0	TEIKIN NO.
CD 30.00		TL 59.00		OD		78.0	LKSX 46346
+4.7	1 - 3.0						
TL 62.80							
TEIKIN NO. 46346	TEIKIN NO. R 46258	TEIKIN NO. P 46141			TEIKIN NO. LSX 46258		
					Surface Treatment: None		
REFERENCE NO. 13101-11101	REFERENCE NO. 13011-11122/40, 13011-11160/70/80				REFERENCE NO. 11461-11040		



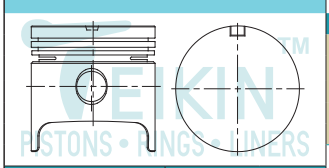
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.00 mm

22

3K — 1166 cc — 4 cyl.

1970

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 75.00	2 - 2.0	Ø 18.000		TL		122.0	TEIKIN NO.
CD 36.00		TL 61.00		OD		79.0	LKSX 46103
	1 - 4.0						
TL 74.80							
TEIKIN NO. 46103	TEIKIN NO. R 46103	TEIKIN NO. P 43187			TEIKIN NO. LSX 46103		
					Surface Treatment: None		
REFERENCE NO. 13101-24010, 13101-24011	REFERENCE NO. 3011-22011/12, 13011-24010/11/12, 13011-24020/23/30, 13012-220122				REFERENCE NO. 11461-24010		



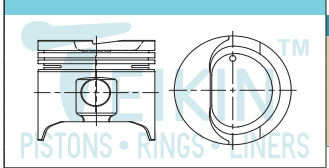
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 23.80 mm

23

4K , 4KU — 1290 cc — 4 cyl.

1982

PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 75.00	2 - 1.5	Ø 18.000		TL		140.0	TEIKIN NO.
CD 36.00		TL 61.00		OD		79.0	LKSX 46105
-6.8	1 - 4.0						
TL 68.85							
TEIKIN NO. 46105	TEIKIN NO. R 46105	TEIKIN NO. P 43187			TEIKIN NO. LSX 46105		
					Surface Treatment: None		
REFERENCE NO. 13101-13020, 13101-13021, 13101-13022	REFERENCE NO. 13011-13010, 13011-13060, 13013-13010, 13014-13010				REFERENCE NO. 11461-13010		



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.00 mm

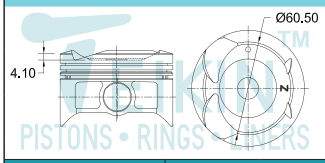
24

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

1NZFE — 1496 cc — 4 cyl.

F.I., DOHC
ECHO 2000-01

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 75.00	2 - 1.2	Ø 18.000		TL		140.0	TEIKIN NO.
		TL 53.00		OD		79.0	LKSX 46332
CD 28.00							
+2.0	1 - 2.0						
TL 48.80							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			TEIKIN NO.		
46332	R 46364	P 46332			LSX 46105		
					Surface Treatment		
					None		
REFERENCE NO.	REFERENCE NO.				REFERENCE NO.		
13101-21030	13011-21030				11461-13010		
	13011-21041						
	13011-21050						
	13011-21070						

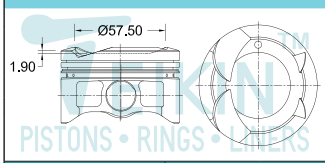


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 8.50 mm

25

2NZ-FE — 1298 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 75.00	2 - 1.2	Ø 18.000		TL		140.0	TEIKIN NO.
		TL 53.00		OD		79.0	LKSX 46354
CD 28.10							
+1.9	1 - 3.0						
TL 47.20							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			TEIKIN NO.		
46354	R 46354	P 46332			LSX 46105		
					Surface Treatment		
					None		
REFERENCE NO.	REFERENCE NO.				REFERENCE NO.		
13101-21050	13011-21060				11461-13010		

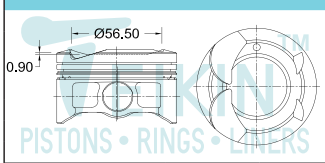


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 8.75 mm

26

2NZ-FE-II — 1298 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 75.00	2 - 1.2	Ø 18.000		TL		140.0	TEIKIN NO.
		TL 53.00		OD		79.0	LKSX 46355
CD 28.10							
+1.9	1 - 2.0						
TL 47.20							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			TEIKIN NO.		
46355	R 46364	P 46332			LSX 46105		
					Surface Treatment		
					None		
REFERENCE NO.	REFERENCE NO.				REFERENCE NO.		
13101-21040	13011-21030				11461-13010		
	13011-21041						
	13011-21050						
	13011-21070						



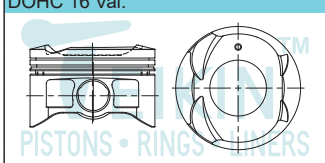
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 8.70 mm

27

1NZFE-II — 1500 cc — 4 cyl.

Yaris 06-10,
Echo 00-05
Scion XA
XB 04-06
DOHC 16 Val.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 75.00	2 - 1.2	Ø 18.000		TL		140.0	TEIKIN NO.
		TL 53.00		OD		79.0	LKSX 46364
CD 28.30							
+2.5	1 - 2.0						
TL 49.80							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			TEIKIN NO.		
46364	R 46364	P 46332			LSX 46105		
					Surface Treatment		
					None		
REFERENCE NO.	REFERENCE NO.				REFERENCE NO.		
13101-21070	13011-21030				11461-13010		
	13011-21041						
	13011-21050						
	13011-21070						



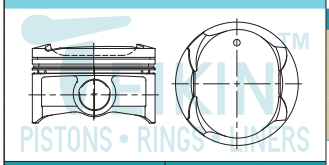
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 8.50 mm

28

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
							LINER	

1NZ-FXE — 1496 cc — 4 cyl.

PISTON SET	RINGS	PIN
Ø 75.00	1 - 1.0	Ø 18.000
	1 - 1.2	TL 53.00
CD 28.20		
+2.5	1 - 2.0	
TL 47.90		
TEIKIN NO. 46370	TEIKIN NO. R 46370	TEIKIN NO. P 46332
REFERENCE NO. 13101-21120	REFERENCE NO. 13011-21091	



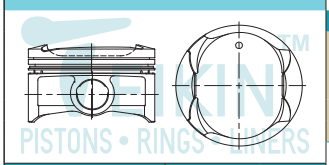
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 8.50 mm
1st Ring Anodized	

29

1NZFE-III — 1496 cc — 4 cyl.

ALLEX ~ SIENTA
NCP81 ~ NZE121
(04-05)
DOHC 16V

PISTON SET	RINGS	PIN
Ø 75.00	1 - 1.0	Ø 18.000
	1 - 1.2	TL 53.00
CD 28.20		
+2.5	1 - 1.5	
TL 47.70		
TEIKIN NO. 46371	TEIKIN NO. R 46371	TEIKIN NO. P 46332
REFERENCE NO. 13101-21090	REFERENCE NO. 13011-21080	



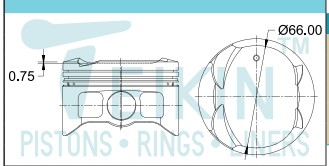
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 8.50 mm

30

2NZ-FE-III — 1298 cc — 4 cyl.

COROLLA (2008-2011)
ECHO VERSO (2002-)
PLATZ (2002-2003)
VIOS, YARIS (2013-2016)

PISTON SET	RINGS	PIN
Ø 75.00	2 - 1.2	Ø 18.000
		TL 53.00
CD 28.20		
+2.5	1 - 2.0	
TL 49.90		
TEIKIN NO. 46416	TEIKIN NO. R 46364	TEIKIN NO. P 46332
REFERENCE NO. 13101-21080	REFERENCE NO. 13011-21030 13011-21041 13011-21050 13011-21070	



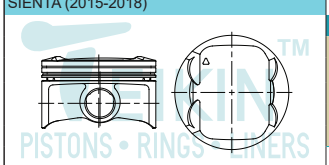
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Anodized Crown	MP: 9.00 mm
1st Ring Anodized	

31

1NZ-FXE-II — 1497 cc — 4 cyl.

PRIUS C (2012-2019)
AQUA (2011-2017)
YARIS/ ECHO/ VIOS/ LIMO (2012-2018)
COROLLA AXIO/ FIELDER (2013-2018)
SIENTA (2015-2018)

PISTON SET	RINGS	PIN
Ø 75.00	2 - 1.0	Ø 18.000
		TL 53.00
CD 28.20		
+2.5	1 - 2.0	
TL 47.10		
TEIKIN NO. 46424		TEIKIN NO. P 46332
REFERENCE NO. 13101-21130		



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.50 mm
1st Ring Anodized	

32

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

1G-FE
6 cyl.

Ø 75.00	2 - 1.2	Ø 20.012					
CD 30.30		TL 56.58					
+2.5	1 - 3.0						
TL 52.80							
TEIKIN NO.		**TEIKIN NO.**					
46377		**P 46340**					
REFERENCE NO.							
13101-70120							

Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.20 mm

33

1GE 1988 cc
6 cyl.

Ø 75.00	2 - 1.5	Ø 18.000		TL 140.0		TEIKIN NO.
CD 32.60		TL 61.00		OD 79.0		LKSX 46610
+5.0	1 - 4.0					
TL 67.60						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**		
46610	**R 46610**	**P 43187**		**LSX 46610**		
(46292)				**Surface Treatment**		
				None		
REFERENCE NO.	**REFERENCE NO.**			**REFERENCE NO.**		
13101-70020	13011-70010/30/80 13013-70030/80 13014-70030/80 13015-70030/80					

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 18.00 mm

34

1G-EU 1988 cc
6 cyl.

Ø 75.00	2 - 1.5	Ø 18.000		TL 140.0		TEIKIN NO.
CD 32.50		TL 61.00		OD 79.0		LKSX 46670
-3.4	1 - 4.0					
TL 62.50						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**		
46670	**R 46610**	**P 43187**		**LSX 46610**		
				Surface Treatment		
				None		
REFERENCE NO.	**REFERENCE NO.**			**REFERENCE NO.**		
13101-70010	13011-70010/30/80 13013-70030/80 13014-70030/80 13015-70030/80					

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.00 mm

35

2A 1295 cc
1982-ON
4 cyl.

Ø 76.00	2 - 2.0	Ø 18.000					
CD 34.00		TL 61.00					
-2.1	1 - 4.0						
TL 65.00							
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**					
46604	**R 46604**	**P 43187**					
(46299)							
REFERENCE NO.	**REFERENCE NO.**						
13101-14020	13011-14010/11/20/21 13013-14020 13014-14020 13015-14020						

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 17.50 mm

36

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

2A-II 1295 cc — 4 cyl.

TERCWL
AL11
SOHC 8V

PISTON SET	RINGS	PIN
Ø 76.00	2 - 2.0	Ø 18.000
CD 33.30	1 - 4.0	TL 61.00
TL 64.30		
TEIKIN NO. 46687	**TEIKIN NO.** R 46604	**TEIKIN NO.** P 43187
REFERENCE NO. 13101-14010, 13103-14010, 13104-14010, 13105-14010	**REFERENCE NO.** 13011-14010/11/20/21, 13013-14020, 13014-14020, 13015-14020	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 17.50 mm

37

4P(High) 1493 cc — 4 cyl.

PISTON SET	RINGS	PIN
Ø 76.60	2 - 2.0	Ø 20.000
CD 33.00	1 - 4.0	TL 65.00
TL 71.00		
TEIKIN NO. 46612 (46305)	**TEIKIN NO.** R 46612	**TEIKIN NO.** P 56101
REFERENCE NO. 13101-96001, 13101-78001	**REFERENCE NO.** 13011-23010, 13011-23030, 13011-78001-71, 13013-78001-71	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 22.00 mm

38

3P 1345 cc — 4 cyl.

PISTON SET	RINGS	PIN			
Ø 76.60	2 - 2.0	Ø 20.000	TL	137.0	**TEIKIN NO.** LKSX 46615
CD 38.00	1 - 4.0	TL 65.00	OD	81.0	
TL 76.00					
TEIKIN NO. 46615 (46314)	**TEIKIN NO.** R 46612	**TEIKIN NO.** P 56101	**TEIKIN NO.** LSX 46615		
REFERENCE NO. 13101-23010, 13101-23011	**REFERENCE NO.** 13011-23010, 13011-23030, 13011-78001-71, 13013-78001-71		**Surface Treatment** None **REFERENCE NO.** 11462-23011		

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.035 mm MP: 13.50 mm

39

4P(Low) 1493 cc — 4 cyl.

PISTON SET	RINGS	PIN
Ø 76.60	2 - 2.0	Ø 20.000
CD 34.40	1 - 4.0	TL 65.00
-3.5		
TL 72.40		
TEIKIN NO. 46651	**TEIKIN NO.** R 46612	**TEIKIN NO.** P 56101
REFERENCE NO.	**REFERENCE NO.** 13011-23010, 13011-23030, 13011-78001-71, 13013-78001-71	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 15.00 mm

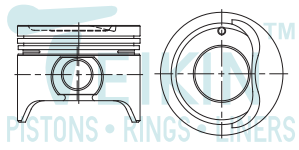
40

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

3A, 3AU — 1452 cc — 4 cyl.

TERCEL CORSA
SPRINTER
1979

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 77.50	2 - 1.5	Ø 18.000		TL	140.0	TEIKIN NO.
CD 30.95		TL 61.00		OD	81.5	LKSX 46163
-3.0	1 - 2.8					
TL 60.90						
TEIKIN NO. 46163	TEIKIN NO. R 46163	TEIKIN NO. P 43187		TEIKIN NO. LSX 46163		
				Surface Treatment: None		
REFERENCE NO. 13101-15020	REFERENCE NO. 13011-15010/11/20/21, 13011-15030/31, 13013-15010/30/31, 13014-15010/30			REFERENCE NO. 11461-15010		



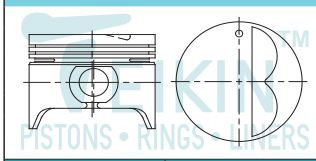
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.00 mm

41

1A — 1452 cc — 4 cyl.

1AC , 1AU

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 77.50	2 - 1.5	Ø 18.000		TL	140.0	TEIKIN NO.
CD 31.00		TL 61.00		OD	81.5	LKSX 46658
-3.4	1 - 2.8					
TL 61.00						
TEIKIN NO. 46658	TEIKIN NO. R 46163	TEIKIN NO. P 43187		TEIKIN NO. LSX 46163		
				Surface Treatment: None		
REFERENCE NO. 13101-15010	REFERENCE NO. 13011-15010/11/20/21, 13011-15030/31, 13013-15010/30/31, 13014-15010/30			REFERENCE NO. 11461-15010		

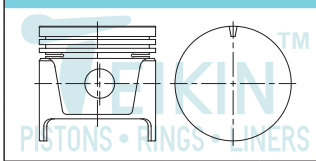


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.010 mm MP: 10.00 mm

42

2R — 1490 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 78.00	1 - 2.0 1 - 2.5	Ø 20.000 TL 66.00		TL	144.0	TEIKIN NO.
CD 39.70				OD	82.0	LKSX 46614
	1 - 4.0					
TL 78.00						
TEIKIN NO. 46614 (46307)	TEIKIN NO. R 46614	TEIKIN NO. P 46187		TEIKIN NO. LSX 46614		
				Surface Treatment: None		
REFERENCE NO. 13101-31011, 13101-31010	REFERENCE NO. 13011-31010, 13011-31030, 13011-31040			REFERENCE NO. 11461-31010		

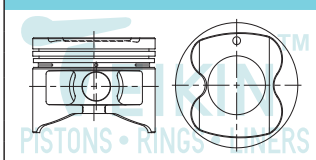


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 25.00 mm

43

5AF — 1498 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 78.70	2 - 1.5	Ø 18.000		TL	140.0	TEIKIN NO.
CD 30.50		TL 61.00		OD	82.7	LKSX 46290
-1.8	1 - 3.0					
TL 59.50						
TEIKIN NO. 46290	TEIKIN NO. R 46290	TEIKIN NO. P 43187		TEIKIN NO. LSX 46290		
				Surface Treatment: None		
REFERENCE NO. 13101-15040	REFERENCE NO. 13011-15050			REFERENCE NO. 11461-15040		



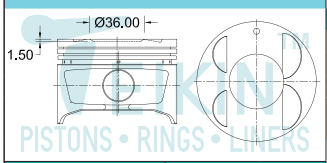
Surface Treatment	Bore Clearance
Tin Coated Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 14.50 mm

44

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

5AFE NEW — 1498 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 78.70	1 - 1.2	Ø 20.012		TL		140.0	TEIKIN NO.
	1 - 1.5	TL 56.58		OD		82.7	LKSX 46347
CD 30.50							
-1.5	1 - 3.0						
TL 55.60							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.			
46347	R 46347	P 46340		LSX 46290			
				Surface Treatment			
				None			
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.			
13101-15050	13011-15100			11461-15040			
	13011-15120						
	13011-15130						



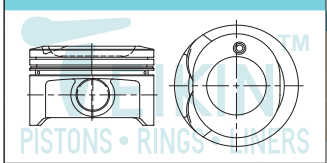
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 11.00 mm

45

1ZZFE — 1794 cc — 4 cyl.

COROLLA
CELICA, MR2, MATRIX
2000-02
F.I., DOHC 16 V

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 79.00	2 - 1.2	Ø 20.012					
		TL 50.00					
CD 30.00							
+2.2	1 - 3.0						
TL 51.70							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.					
46334	R 46334	P 46334					
REFERENCE NO.	REFERENCE NO.						
13101-22140	13011-0D010						
13101-22020	13011-22030/40/90						
13101-22030	13011-22100/11						
13101-22031/60	13011-22200						
13101-22142							



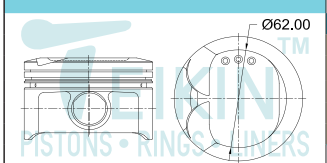
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.00 mm
1st Ring Anodized	

46

4ZZFE — 1398 cc — 4 cyl.

COROLLA
DOHC 16V
1999-ON

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 79.00	2 - 1.2	Ø 20.012					
		TL 50.00					
CD 30.00							
+2.2	1 - 3.0						
TL 51.70							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.					
46342	R 46334	P 46334					
REFERENCE NO.	REFERENCE NO.						
13101-22071	13011-0D010						
13101-22051	13011-22030/40/90						
	13011-22100/11						
	13011-22200						

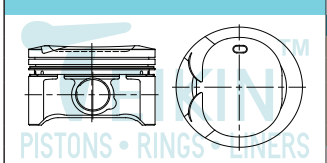


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Anodized Crown	MP: 5.00 mm
1st Ring Anodized	

47

3ZZ-FE — 1598 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 79.00	2 - 1.2	Ø 20.012					
		TL 50.00					
CD 29.90							
+2.3	1 - 3.0						
TL 52.20							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.					
46367	R 46334	P 46334					
REFERENCE NO.	REFERENCE NO.						
13101-0D071	13011-0D010						
13101-0D070	13011-22030/40/90						
13101-0D111	13011-22100/11						
	13011-22200						



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Anodized Crown	MP: 7.50 mm
1st Ring Anodized	

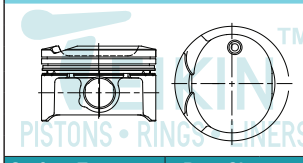
48

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

1ZZFE-V — 1794 cc — 4 cyl.

COROLLA (2010)

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	TEIKIN NO.
Ø 79.00	2 - 1.2	Ø 20.012					
CD 30.00		TL 50.00					
+2.2	1 - 2.0						
TL 51.70							
TEIKIN NO. 46423	TEIKIN NO. R 46423	TEIKIN NO. P 46334					
REFERENCE NO. 13101-22200	REFERENCE NO. 13011-22240						



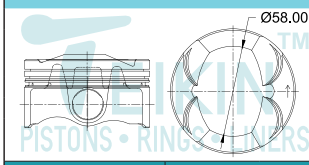
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.00 mm

49

M15A-FKS — 3 cyl.

COROLLA (2020 - PRESENT)
YARIS / YARIS CROSS
(2020 - PRESENT)

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	
Ø 80.50	2 - 1.2	Ø 19.000					
CD 29.10		TL 47.00					
+2.9	1 - 2.0						
TL 47.00							
TEIKIN NO. 46413		TEIKIN NO. P 44609					
REFERENCE NO. 13101-15060							



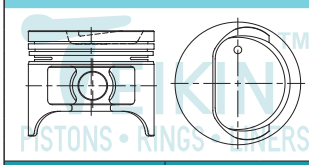
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 5.00 mm

50

5K — 1486 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	TEIKIN NO.
Ø 80.50	2 - 1.5	Ø 18.000		TL		146.0	
CD 36.04		TL 61.00		OD		84.5	LKSX 46107
-8.4	1 - 4.0						
TL 68.99							
TEIKIN NO. 46107	TEIKIN NO. R 46107	TEIKIN NO. P 43187		TEIKIN NO. LSX 46107			
REFERENCE NO. 13101-13030	REFERENCE NO. 13011-13040/50/80/90 13011-13100/10/20 13011-63010/11/20/30/31 13013-13090			REFERENCE NO. 11461-13040			

Surface Treatment: None



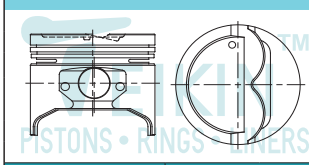
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 18.40 mm

51

1S — 1832 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	TEIKIN NO.
Ø 80.50	2 - 1.5	Ø 20.000		TL		170.0	
CD 33.00		TL 66.00		OD		84.5	LKSX 46116
-2.0	1 - 4.0						
TL 68.00							
TEIKIN NO. 46116	TEIKIN NO. R 46107	TEIKIN NO. P 46187		TEIKIN NO. LSX 46116			
REFERENCE NO. 13101-63020 13101-63010 13101-63011	REFERENCE NO. 13011-13040/50/80/90 13011-13100/10/20 13011-63010/11/20/30/31 13013-13090			REFERENCE NO.			

Surface Treatment: None



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.50 mm

52

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

12R, 12RU — 1587 cc — 4 cyl.

HI-LUX, TOYO-ACE
HI-ACE
1971

Ø 80.50							
CD 39.00	2 - 2.0	Ø 20.000		TL		144.0	TEIKIN NO.
TL 79.90	1 - 4.0	TL 66.00		OD		84.5	LKSX 46187
TEIKIN NO. 46187	TEIKIN NO. R 46187	TEIKIN NO. P 46187		TEIKIN NO. LSX 46187			
				Surface Treatment: None			
REFERENCE NO. 13101-31020, 13101-31021, 13101-31022	REFERENCE NO. 13011-31050/51/60/61, 130111-31070/81/90/91, 13011-81088, 13012-31060/70			REFERENCE NO. 11461-31020, 11462-31020			

Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.030 mm, MP: 23.00 mm

53

7K — 1486 cc — 4 cyl.

Ø 80.50							
CD 33.75 -9.7	2 - 1.5	Ø 20.013		TL		165.0	TEIKIN NO.
TL 59.00	1 - 4.0	TL 56.58		OD		84.5	LKSX 46259
TEIKIN NO. 46259	TEIKIN NO. R 46107	TEIKIN NO. P 46259		TEIKIN NO. LSX 46259			
				Surface Treatment: None			
REFERENCE NO. 13101-06030	REFERENCE NO. 13011-13040/50/80/90, 13011-13100/10/20, 13011-63010/11/20/30/31, 13013-13090			REFERENCE NO. 11461-13060			

Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.030 mm, MP: 11.00 mm

54

5K-II — 1486 cc — 4 cyl.

Ø 80.50							
CD 36.00 -3.2	2 - 1.5	Ø 18.000		TL		146.0	TEIKIN NO.
TL 69.00	1 - 4.0	TL 61.00		OD		84.5	LKSX 46335
TEIKIN NO. 46335	TEIKIN NO. R 46107	TEIKIN NO. P 43187		TEIKIN NO. LSX 46107			
				Surface Treatment: None			
REFERENCE NO. 13101-13040	REFERENCE NO. 13011-13040/50/80/90, 13011-13100/10/20, 13011-63010/11/20/30/31, 13013-13090			REFERENCE NO. 11461-13040			

Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.030 mm, MP: 18.00 mm

55

7K-II — 4 cyl.

Ø 80.50							
CD 33.70 -6.6	2 - 1.5	Ø 20.012					
TL 58.70	1 - 4.0	TL 56.58					
TEIKIN NO. 46358	TEIKIN NO. R 46358	TEIKIN NO. P 46340					
REFERENCE NO. 13101-13070, 13101-06050-02	REFERENCE NO.						

Surface Treatment: Tin Coated
Bore Clearance: MRC: 0.030 mm, MP: 11.50 mm

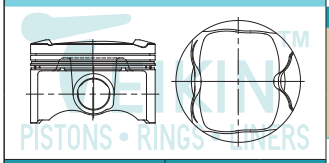
56

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

1ZR-FE 1598 cc — 4 cyl.

AURIS ~ COROLLA
ZRE151
(06-)
DOHC 16V

Ø 80.50		
CD 33.40	2 - 1.0	Ø 20.012
+2.5	1 - 1.5	TL 50.00
TL 55.00		
TEIKIN NO. 46382	**TEIKIN NO.** R 46382	**TEIKIN NO.** P 46334
REFERENCE NO. 13101-37081	**REFERENCE NO.** 13011-37090 13011-37130 13011-37140 13011-37160	

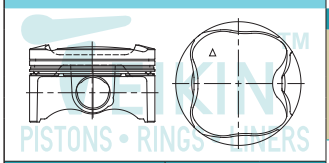


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Anodized Crown	MP: 7.20 mm
1st Ring Anodized	

57

2ZR-FE 1797 cc — 4 cyl.

Ø 80.50		
CD 28.50	2 - 1.0	Ø 20.012
+2.5	1 - 1.5	TL 50.00
TL 50.10		
TEIKIN NO. 46383	**TEIKIN NO.** R 46382	**TEIKIN NO.** P 46334
REFERENCE NO. 13101-37071 13101-0T010	**REFERENCE NO.** 13011-37090 13011-37130 13011-37140 13011-37160	

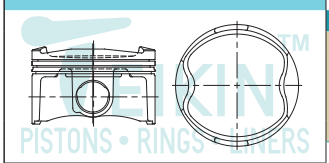


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.00 mm
1st Ring Anodized	

58

3ZR-FE 1986 cc — 4 cyl.

Ø 80.50		
CD 31.00	2 - 1.0	Ø 20.012
+2.2	1 - 1.5	TL 50.00
TL 51.20		
TEIKIN NO. 46384	**TEIKIN NO.** R 46382	**TEIKIN NO.** P 46334
REFERENCE NO. 13101-37090	**REFERENCE NO.** 13011-37090 13011-37130 13011-37140 13011-37160	



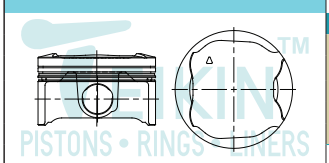
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.50 mm
1st Ring Anodized	

59

2ZR-FXE 1798 cc — 4 cyl.

HYBRID, PRIUS HYBRID
2010-15
DOHC 16V L4

Ø 80.50		
CD 28.60	2 - 1.0	Ø 20.012
+2.4	1 - 1.5	TL 50.00
TL 48.90		
TEIKIN NO. 46398	**TEIKIN NO.** R 46382	**TEIKIN NO.** P 46334
REFERENCE NO. 13101-37120	**REFERENCE NO.** 13011-37090 13011-37130 13011-37140 13011-37160	



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.50 mm
1st Ring Anodized	

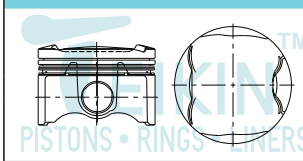
60

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

1ZR-FBE 1600 cc

TOYOTA COROLLA ALTIS 4 cyl.
2014 - NOW
DOHC 16 VALVE

Ø 80.50		Ø 20.012
	1 - 1.2	
	1 - 1.0	TL 50.00
CD 33.40		
+2.5	1 - 2.0	
TL 55.10		



TEIKIN NO.	TEIKIN NO.
46402	P 46334

REFERENCE NO.
13101-0T240

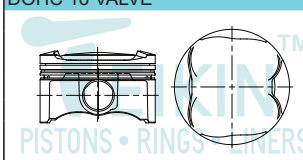
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 9.00 mm
1st Ring Anodized	

61

2ZR-FBE 1800 cc

TOYOTA COROLLA ALTIS 4 cyl.
2019 - NOW
TOYOTA C-HR
2018 - NOW
DOHC 16 VALVE

Ø 80.50		Ø 20.012
	1 - 1.2	
	1 - 1.0	TL 50.00
CD 28.40		
+2.5	1 - 2.0	
TL 50.10		



TEIKIN NO.	TEIKIN NO.
46403	P 46334

REFERENCE NO.
13101-0T151

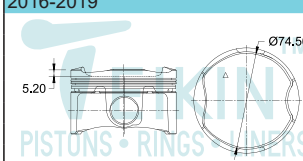
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 8.00 mm
1st Ring Anodized	

62

3ZR-FE-III

RAV4 2.0L 4 cyl.
ZSA42L-AN * XK
AVENSIS
COROLLA AXIO
2016-2019

Ø 80.50		Ø 20.012
	1 - 1.2	
	1 - 1.0	TL 50.00
CD 31.00		
+2.2	1 - 2.0	
TL 50.20		



TEIKIN NO.	TEIKIN NO.
46407	P 46334

REFERENCE NO.
13101-37320

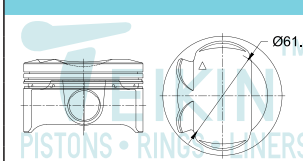
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.50 mm
1st Ring Anodized	

63

2ZR-FXE-II

PRIUS 1.8L 4 cyl.
ZVW50 / ZVW50L
2017-2019

Ø 80.50		Ø 20.012
	1 - 1.2	
	1 - 1.0	TL 50.00
CD 28.70		
+2.4	1 - 2.0	
TL 49.20		



TEIKIN NO.	TEIKIN NO.
46408	P 46334

REFERENCE NO.
13101-37260

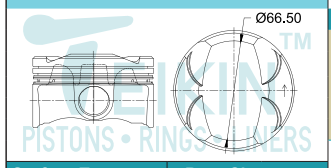
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.50 mm
1st Ring Anodized	

64

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

M20A-FKS

COROLLA (2019-2020) — 4 cyl.
UX200 (2019-2021)
UX250h (2019-2021)



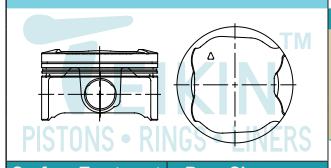
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.50 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 80.50	2 - 1.2	Ø 19.000					
		TL 47.00					
CD 29.20							
+1.8	1 - 2.0						
TL 49.00							
TEIKIN NO. 46415		TEIKIN NO. P 44609					
REFERENCE NO. 13101-24040							

65

2ZR-FXE-III — 1798 cc

PRIUS (2014-2017) — 4 cyl.
CTH200H (2014-2017)
AURIS/COROLLA (2016-2018)
NOAH/VOXY/ESQUIRE (2014-2017)



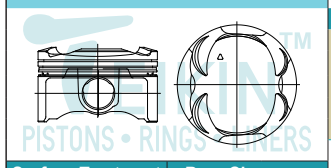
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.50 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 80.50	2 - 1.0	Ø 20.012					
		TL 50.00					
CD 28.65							
+2.4	1 - 2.0						
TL 48.90							
TEIKIN NO. 46418		TEIKIN NO. P 46334					
REFERENCE NO. 13101-37240							

66

2ZR-FAE

COROLLA (2020-2022) — 4 cyl.
COROLLA (2014-2017)



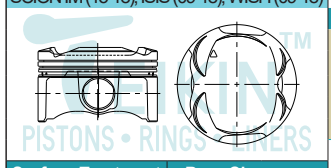
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 8.00 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 80.50	1 - 1.2	Ø 20.012					
	1 - 1.0	TL 50.00					
CD 28.60							
+2.4	1 - 2.0						
TL 50.20							
TEIKIN NO. 46419		TEIKIN NO. P 46334					
REFERENCE NO. 13101-0T430 13101-37490							

67

2ZR-FAE-II

AURIS/COROLLA (12-18) — 4 cyl.
COROLLA RUMION (09-15)
PREMIO/ALLION (10-18), SIENTA (16-18)
COROLLA AXIO/FIELDER (12-18)
SCION IM (15-18), ISIS (09-18), WISH (09-18)



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 8.00 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 80.50	2 - 1.0	Ø 20.012					
		TL 50.00					
CD 28.70							
+2.2	1 - 2.0						
TL 50.00							
TEIKIN NO. 46420		TEIKIN NO. P 46334					
REFERENCE NO. 13101-37300							

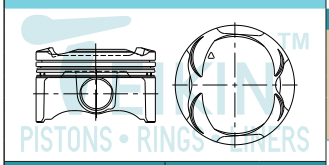
68

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

2ZR-FAE-III

COROLLA (2019-2022) — 4 cyl.

Ø 80.50	1 - 1.2	Ø 20.012
	1 - 1.0	TL 50.00
CD 28.65		
+2.4	1 - 2.0	
TL 50.15		



TEIKIN NO.		TEIKIN NO.
46421		P 46334

REFERENCE NO.
13101-37470

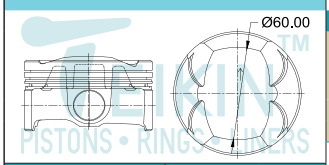
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 8.00 mm
1st Ring Anodized	

69

M20A-FXS — 1986 cc

INNOVA ZENIX HYBRID (2022-) — 4 cyl.
INNOVA HYCROSS (2022-)

Ø 80.50	2 - 1.2	Ø 19.000
		TL 47.00
CD 29.20		
+2.6	1 - 2.0	
TL 48.30		



TEIKIN NO.		TEIKIN NO.
46425		P 44609

REFERENCE NO.
13101-F2080

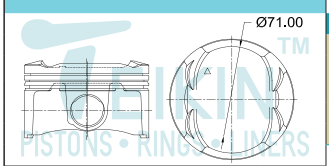
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.50 mm
1st Ring Anodized	

70

3ZR-FE-II — 1986 cc

4 cyl.

Ø 80.50	1 - 1.2	Ø 20.012	TL 165.0	TEIKIN NO.
	1 - 1.0	TL 50.00	OD 84.5	LKSX 46688
CD 30.70				
+2.5	1 - 2.0			
TL 51.30				



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46688	R 46688	P 46334	LSX 46259

Surface Treatment: None

REFERENCE NO. 13101-37130 | REFERENCE NO. 13011-37150 | REFERENCE NO.

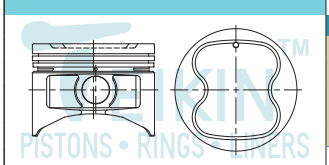
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.50 mm
1st Ring Anodized	

71

4AGEC, 4AGEU — 1587 cc

COROLLA GTS, FX 1985-87 — 4 cyl.

Ø 81.00	2 - 1.5	Ø 18.000
		TL 61.00
CD 30.50		
-2.8	1 - 2.8	
TL 61.00		



TEIKIN NO.		TEIKIN NO.
46253		P 43187

REFERENCE NO.

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm
	MP: 16.00 mm

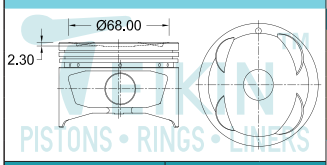
72

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

4AFE, 4AG — 1587 cc — 4 cyl.

COROLLA
F.I., DOHC 4
1993-95

Ø 81.00							
CD 30.50	1 - 1.2	Ø 20.000		TL		150.0	TEIKIN NO.
-2.5	1 - 1.5	TL 56.58		OD		85.0	LKSX 46262
TL 55.75	1 - 3.0						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
46262	R 46262	P 42165		LSX 46262
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
13101-16160	13011-16230/80/90			11461-16010
13101-16201	13011-16300/20/30/40/50			

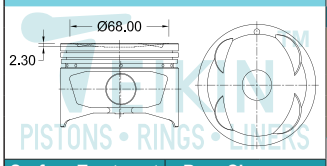
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 11.00 mm

73

4AFE-II, 4AG — 1587 cc — 4 cyl.

COROLLA
F.I., DOHC 4
1993-95

Ø 81.00							
CD 30.50	1 - 1.2	Ø 20.000					
-2.5	1 - 1.5	TL 56.58					
TL 55.75	1 - 3.0						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
46266	R 46262	P 42165		
REFERENCE NO.	REFERENCE NO.			
13101-16160M	13011-16230/80/90			
13101-16201M	13011-16300/20/30/40/50			

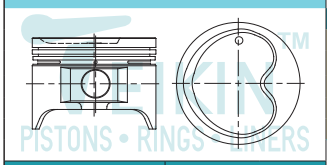
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 11.00 mm

74

4AC/ 4AELU — 1587 cc — 4 cyl.

AE80

Ø 81.00							
CD 30.55	2 - 1.5	Ø 18.000		TL		150.0	TEIKIN NO.
-3.7	1 - 2.8	TL 61.00		OD		85.0	LKSX 46269
TL 60.60							



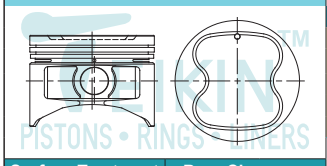
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
46269	R 46269	P 43187		LSX 46262
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
13101-16010	13011-16010/11/30/31			11461-16010
	13011-16032/50/70/80/90			
	13011-16180/290			
	13013-16032/50/70/180			

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 15.50 mm

75

4AFE-III — 1587 cc — 4 cyl.

Ø 81.00							
CD 30.50	2 - 1.5	Ø 18.000		TL		150.0	TEIKIN NO.
-2.8	1 - 3.0	TL 61.00		OD		85.0	LKSX 46271
TL 61.00							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
46271	R 46271	P 43187		LSX 46262
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
13101-16090	13011-16120			11461-16010
13101-16110	13011-16130			
	13011-16140/50			
	13013-16120/40			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.00 mm

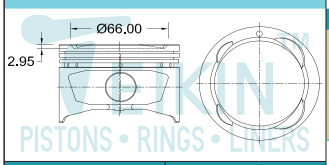
76

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

7AFE — 1762 cc — 4 cyl.

COROLLA
CELICA
1993-97

Ø 81.00							TEIKIN NO.
CD 30.35 / -2.9 / TL 55.60	1 - 1.2 / 1 - 1.5 / 1 - 3.0	Ø 20.000 / TL 56.58		TL / OD		150.0 / 85.0	LKSX 46277
TEIKIN NO. 46277	TEIKIN NO. R 46262	TEIKIN NO. P 42165				TEIKIN NO. LSX 46262	
						Surface Treatment: None	
REFERENCE NO. 13101-16150 / 13101-16190 / 13103-16190	REFERENCE NO. 13011-16230/80/90 / 13011-16300/20/30/40/50					REFERENCE NO. 11461-16010	



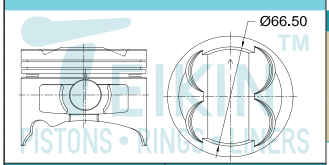
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 11.00 mm

77

4 A-GEU — 1587 cc — 4 cyl.

COROLLA GTS
F.I., DOHC 16V
1990-91

Ø 81.00							TEIKIN NO.
CD 30.50 / +1.5 / TL 66.00	1 - 1.2 / 1 - 1.5 / 1 - 2.8	Ø 20.000 / TL 62.00		TL / OD		150.0 / 85.0	LKSX 46286
TEIKIN NO. 46286	TEIKIN NO. R 46286	TEIKIN NO. P 38129				TEIKIN NO. LSX 46262	
						Surface Treatment: None	
REFERENCE NO. 13101-16121	REFERENCE NO. 13011-16190 / 13011-16200 / 13011-16210					REFERENCE NO. 11461-16010	



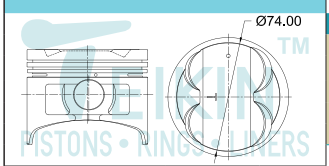
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 19.00 mm

78

4AGE, 4AGELC — 1587 cc — 4 cyl.

COROLLA 1988-91
DOHC 16 V

Ø 81.00							TEIKIN NO.
CD 30.60 / -1.0 / TL 64.70	2 - 1.5 / 1 - 2.8	Ø 20.000 / TL 61.00		TL / OD		150.0 / 85.0	LKSX 46310
TEIKIN NO. 46310	TEIKIN NO. R 46269	TEIKIN NO. P 46310				TEIKIN NO. LSX 46262	
						Surface Treatment: None	
REFERENCE NO. 13101-16070	REFERENCE NO. 13011-16010/11/30/31 / 13011-16032/50/70/80/90 / 13011-16180/290 / 13013-16032/50/70/180					REFERENCE NO. 11461-16010	

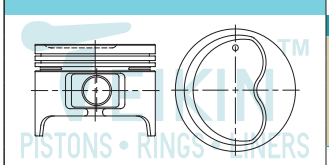


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 18.00 mm

79

4A — 1587 cc — 4 cyl.

Ø 81.00							
CD 30.50 / -2.5 / TL 60.50	2 - 1.5 / 1 - 2.8	Ø 18.000 / TL 61.00					
TEIKIN NO. 46336		TEIKIN NO. P 43187					
REFERENCE NO. 13101-16050							



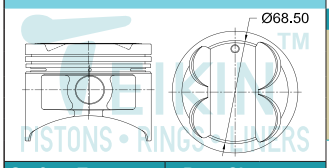
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.50 mm

80

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

4A-GEU-II 1587 cc 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 81.00	2 - 1.5	Ø 18.000		TL		150.0	TEIKIN NO.
CD 30.50		TL 61.00		OD		85.0	LKSX 46349
+0.5	1 - 2.8						
TL 65.00							



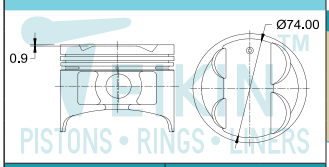
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
46349	R 46269	P 43187		LSX 46262
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
13101-16030-02	13011-16010/11/30/31 13011-16032/50/70/80/90 13011-16180/290 13013-16032/50/70/180			11461-16010

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 18.30 mm

81

4AGE 1587 cc 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 81.00	2 - 1.5	Ø 18.000		TL		150.0	TEIKIN NO.
CD 30.60		TL 61.00		OD		85.0	LKSX 46618
-0.9	1 - 2.8						
TL 64.60							



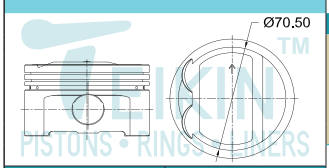
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
46618 (46318)	R 46269	P 43187		LSX 46262
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
13101-16020	13011-16010/11/30/31 13011-16032/50/70/80/90 13011-16180/290 13013-16032/50/70/180			11461-16010

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 18.30 mm

82

4A-GEU - VVT 1587 cc 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 81.00	1 - 1.2	Ø 20.000		TL		150.0	TEIKIN NO.
CD 30.40	1 - 1.5	TL 56.58		OD		85.0	LKSX 46664
+1.8	1 - 3.0						
TL 50.20							



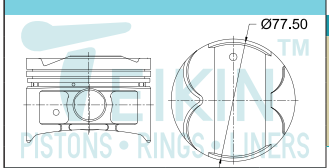
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
46664	R 46262	P 42165		LSX 46262
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
13101-16220 13101-16221	13011-16230/80/90 13011-16300/20/30/40/50			11461-16010

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 5.00 mm

83

2ZZFE 1796 cc 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 82.00	2 - 1.2	Ø 20.012		TL			
CD 31.30		TL 56.58					
+1.4	1 - 3.0						
TL 57.70							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
46340	R 46340	P 46340		
REFERENCE NO.	REFERENCE NO.			
13101-88600 13101-88601	13011-88600 13011-88601			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 10.00 mm

84

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

4SFI — 1838 cc — 4 cyl.

CRESTA
SX80
(88-92)
SOHC 8V

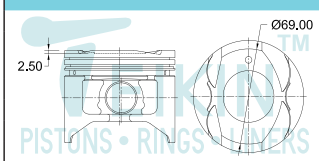
Ø 82.50		
CD 35.40		
-3.6	1 - 4.0	
TL 70.20		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
46289	**R 46289**	**P 46187**
REFERENCE NO.	**REFERENCE NO.**	
13101-74071	13011-74110/20/21	
13103-74071	13013-74110/20	
13104-74071	13014-74110/20	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.30 mm

85

4SFI-II — 1838 cc — 4 cyl.

CRESTA
SX80
(88-92)
SOHC 8V



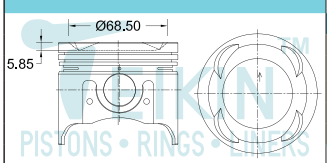
Ø 82.50		
CD 35.00		
-2.5	1 - 4.0	
TL 68.00		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
46376	**R 46289**	**P 39104**
REFERENCE NO.	**REFERENCE NO.**	
13101-74160-02	13011-74110/20/21	
13103-74160	13013-74110/20	
13104-74160	13014-74110/20	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 18.50 mm

86

7MGTE, 7MGTEU — 2954 cc — 6 cyl.

SUPRA 24 V
F.I., DOHC 6
1987-92



Ø 83.00		
CD 33.00		
-5.9	1 - 4.0	
TL 70.90		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
46275	**R 46275**	**P 39104**
REFERENCE NO.	**REFERENCE NO.**	
13101-42050	13011-42010/11/20/30/40	
	13011-42040/60	
	13011-43050/80	
	13013-42011/12/40/60	

Surface Treatment	Bore Clearance
Anodized Crown 1st Ring Anodized	MRC: 0.020 mm MP: 20.50 mm

87

7MGE, 7MG — 2954 cc — 6 cyl.

1986-92 SUPRA
1989-92 CRESSIDA
F.I., DOHC 6

Ø 83.00		
CD 33.00		
-3.0	1 - 4.0	
TL 70.90		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
46280	**R 46275**	**P 39104**
REFERENCE NO.	**REFERENCE NO.**	
13101-42070	13011-42010/11/20/30/40	
13101-42060	13011-42040/60	
13101-42068	13011-43050/80	
	13013-42011/12/40/60	

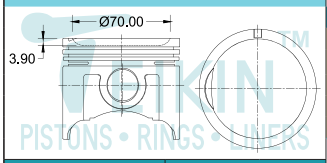
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 20.50 mm

88

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

5M — 2759 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 83.00 CD 33.00 -3.9 TL 71.00	2 - 2.0 1 - 4.0	Ø 22.000 TL 66.00					
TEIKIN NO. 46605 (46323)	TEIKIN NO. R 46605	TEIKIN NO. P 39104					
REFERENCE NO. 13101-43030 13101-43031	REFERENCE NO. 13011-43010 13011-43030/1 13013-43030 13014-43030						

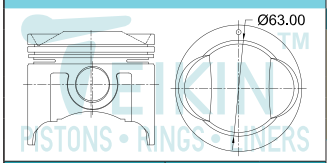


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.25 mm

89

5MGEU — 2759 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 83.00 CD 33.00 +1.7 TL 72.50	2 - 1.5 1 - 4.0	Ø 22.000 TL 66.00					
TEIKIN NO. 46632	TEIKIN NO. R 46275	TEIKIN NO. P 39104					
REFERENCE NO. 13101-43041	REFERENCE NO. 13011-42010/11/20/30/40 13011-42040/60 13011-43050/80 13013-42011/12/40/60						

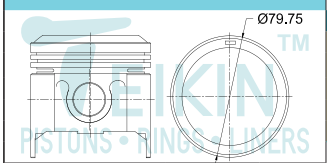


Surface Treatment	Bore Clearance
	MRC: 0.030 mm MP: 16.00 mm

90

21R, 21RC — 1972 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 84.00 CD 39.00 +5.0 TL 84.00	1 - 1.5 1 - 2.0 1 - 4.0	Ø 22.000 TL 72.00			TL OD	150.0 88.0	TEIKIN NO. LKSX 46199
TEIKIN NO. 46199	TEIKIN NO. R 46199	TEIKIN NO. P 46199			TEIKIN NO. LSX 46199		
REFERENCE NO. 13101-37050 13101-37030	REFERENCE NO. 13011-37030/50/60 13013-37050/60 13015-37050/60				Surface Treatment None REFERENCE NO.		



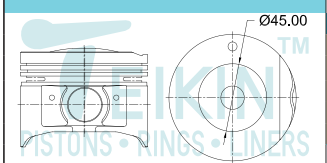
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 20.50 mm

91

21R-II — 1972 cc — 4 cyl.

CRESSIDA GLE, GLX
CRESSIDA 2000 GLE
1981-ON

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 84.00 CD 35.00 +2.4 TL 65.45	2 - 1.5 1 - 4.0	Ø 22.000 TL 66.00			TL OD	150.0 88.0	TEIKIN NO. LKSX 46267
TEIKIN NO. 46267	TEIKIN NO. R 46267	TEIKIN NO. P 39104			TEIKIN NO. LSX 46199		
REFERENCE NO. 13101-37060 13101-37061	REFERENCE NO. 13011-37070 13011-37071 13013-37070 13015-37070				Surface Treatment None REFERENCE NO.		



Surface Treatment	Bore Clearance
None	MRC: 0.020 mm MP: 11.80 mm

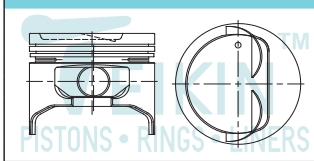
92

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

2S — 1955 cc — 4 cyl.
2SE

Ø 84.00	2 - 1.5	Ø 20.000				
CD 33.40		TL 66.00				
-4.2	1 - 4.0					
TL 70.30						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
46627 (46317)	R 46627	P 46187				

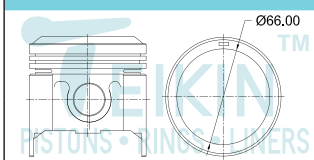
REFERENCE NO.	REFERENCE NO.
13101-74010 13101-74011	13011-74010/20/30/40/41 13013-74020/30/40 13014-74020/30/40 13015-74020/30/40

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 22.50 mm

93

21R-III — 1955 cc — 4 cyl.

Ø 84.00	2 - 2.0	Ø 22.000		TL	150.0	TEIKIN NO.
CD 39.20		TL 72.00		OD	88.0	LKSX 46653
+4.8	1 - 4.0					
TL 84.10						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
46653	R 46653	P 46199		LSX 46199
				Surface Treatment: None

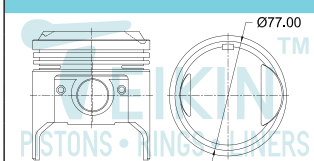
REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
13101-37010	13011-37010	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.50 mm

94

2T, 2T-B — 1588 cc — 4 cyl.
CELICA LB, CARINA
1970-77 SPRINTER

Ø 85.00	2 - 2.0	Ø 22.000		TL	150.0	TEIKIN NO.
CD 39.05		TL 66.00		OD	89.0	LKSX 46207
+5.9	1 - 4.0					
TL 90.60						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
46207	R 46207	P 39104		LSX 46207
				Surface Treatment: None

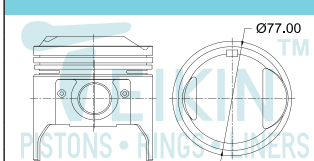
REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
13101-26010 13101-26011	13011-26020/30/40/41 13011-27020 13012-26010/30/40/41 13013-26010/30/40/41	11461-25010 11461-28010

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 28.35 mm

95

2T, 2T-U — 1588 cc — 4 cyl.
CELICA, CARINA
1977 SPRINTER

Ø 85.00	2 - 1.5	Ø 22.000		TL	150.0	TEIKIN NO.
CD 39.00		TL 66.00		OD	89.0	LKSX 46211
+7.0	1 - 4.0					
TL 91.80						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
46211	R 46211	P 39104		LSX 46207
				Surface Treatment: None

REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
13101-26031	13011-28010/1/2/20 13011-28030/31/70/71 13013-28011 13013-28030/1	11461-25010 11461-28010

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 28.00 mm

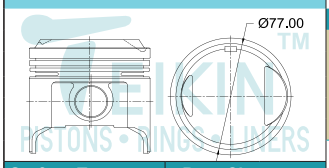
96

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

3T, 3T-U, 13T-U — 1770 cc — 4 cyl.

CELICA, CHASER
1977-80 CARINA

Ø 85.00	2 - 1.5	Ø 22.000		TL		150.0	TEIKIN NO.
		TL 66.00		OD		89.0	LKSX 46218
CD 35.00							
+5.3	1 - 4.0						
TL 82.35							



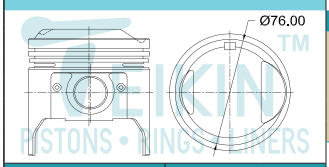
TEIKIN NO. 46218	TEIKIN NO. R 46211	TEIKIN NO. P 39104		TEIKIN NO. LSX 46207
				Surface Treatment: None
REFERENCE NO. 13101-28010	REFERENCE NO. 13011-28010/1/2/20 13011-28030/31/70/71 13013-28011 13013-28030/1			REFERENCE NO. 11461-25010 11461-28010

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 22.00 mm

97

2T/2TB — 1588 cc — 4 cyl.

Ø 85.00	2 - 2.0	Ø 22.000					
		TL 66.00					
CD 39.10							
+7.0	1 - 4.0						
TL 91.80							



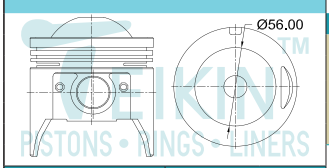
TEIKIN NO. 46338	TEIKIN NO. R 46207	TEIKIN NO. P 39104		
REFERENCE NO. 13101-26030	REFERENCE NO. 13011-26020/30/40/41 13011-27020 13012-26010/30/40/41 13013-26010/30/40/41			

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 28.00 mm

98

2TC — 1588 cc — 4 cyl.

Ø 85.00	2 - 2.0	Ø 22.000		TL		150.0	TEIKIN NO.
		TL 66.00		OD		89.0	LKSX 46619
CD 39.20							
+14.5	1 - 4.0						
TL 99.40							



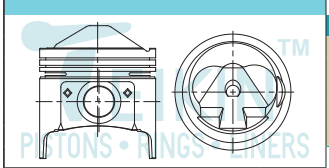
TEIKIN NO. 46619 (46319)	TEIKIN NO. R 46207	TEIKIN NO. P 39104		TEIKIN NO. LSX 46207
				Surface Treatment: None
REFERENCE NO. 13101-26020 13101-26021	REFERENCE NO. 13011-26020/30/40/41 13011-27020 13012-26010/30/40/41 13013-26010/30/40/41			REFERENCE NO. 11461-25010 11461-28010

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.036 mm MP: 20.00 mm

99

13T — 1770 cc — 4 cyl.

Ø 85.00	2 - 1.5	Ø 22.000		TL		150.0	TEIKIN NO.
		TL 65.00		OD		89.0	LKSX 46662
CD 39.00							
+16.6	1 - 4.0						
TL 97.30							



TEIKIN NO. 46662	TEIKIN NO. R 46211	TEIKIN NO. P 46662		TEIKIN NO. LSX 46207
				Surface Treatment: None
REFERENCE NO. 13101-27040	REFERENCE NO. 13011-28010/1/2/20 13011-28030/31/70/71 13013-28011 13013-28030/1			REFERENCE NO. 11461-25010 11461-28010

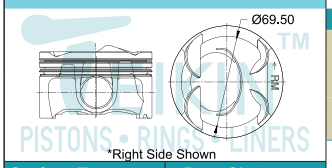
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 10.00 mm

100

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
					LINER			

V35A-FTS
LAND CRUISER 300 (2021-PRESENT) — 6 cyl.

Ø 85.50	2 - 1.2	Ø 23.000				
CD 30.90		TL 52.00				
+4.6	1 - 2.0					
TL 55.00						
TEIKIN NO.		**TEIKIN NO.**				
46411A		**P 46411**				
REFERENCE NO.						
13101-70160 (R)						
13301-70030 (L)						

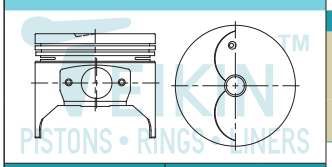


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 5.50 mm

101

1Y — 1626 cc
TOWN ACE 1982 — 4 cyl.

Ø 86.00	2 - 1.5	Ø 22.000		TL 144.0		TEIKIN NO.
CD 39.05		TL 66.00		OD 90.0		LKSX 46118
-1.7	1 - 4.0					
TL 73.95						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**		
46118	**R 46118**	**P 39104**		**LSX 46118**		
				Surface Treatment		
				None		
REFERENCE NO.	**REFERENCE NO.**			**REFERENCE NO.**		
13101-71010	13011-71010/20/21 13011-71030/1/3/40 13011-72020 13013-71020/1/30/31			11461-71010		

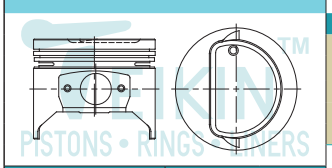


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 21.00 mm

102

2Y — 1812 cc
CORONA VAN 1982 — 4 cyl.

Ø 86.00	2 - 1.5	Ø 22.000		TL 154.0		TEIKIN NO.
CD 35.05		TL 66.00		OD 90.0		LKSX 46119
-2.4	1 - 4.0					
TL 70.10						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**		
46119	**R 46118**	**P 39104**		**LSX 46119**		
				Surface Treatment		
				None		
REFERENCE NO.	**REFERENCE NO.**			**REFERENCE NO.**		
13101-72010	13011-71010/20/21 13011-71030/1/3/40 13011-72020 13013-71020/1/30/31			11462-72010		

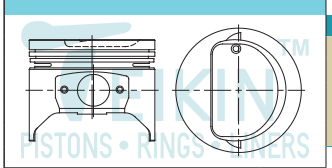


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 20.50 mm

103

3Y — 1998 cc
HI-ACE 1982 — 4 cyl.

Ø 86.00	2 - 1.5	Ø 22.000		TL 144.0		TEIKIN NO.
CD 35.00		TL 66.00		OD 90.0		LKSX 46120
-4.8	1 - 4.0					
TL 70.05						
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**		**TEIKIN NO.**		
46120	**R 46118**	**P 39104**		**LSX 46120**		
				Surface Treatment		
				None		
REFERENCE NO.	**REFERENCE NO.**			**REFERENCE NO.**		
13101-73010	13011-71010/20/21 13011-71030/1/3/40 13011-72020 13013-71020/1/30/31			11461-73010		



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 21.50 mm

104

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

3SFE — 1998 cc — 4 cyl.

CAMRY DOHC 4
1987-91
CELICA DOHC 4
1987-89

Ø 86.00								TEIKIN NO.
	2 - 1.5	Ø 20.000		TL		177.8		
		TL 66.00		OD		90.0		LKSX 46255
CD 35.40								
-4.4	1 - 4.0							
TL 68.40								
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.				
46255	R 46255	P 46187		LSX 46255				
				Surface Treatment				
				None				
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.				
13101-74040	13011-74070/1/2/80 13011-74081/91/131/280 13013-74071/2/91 13013-74131/280			11461-61030				

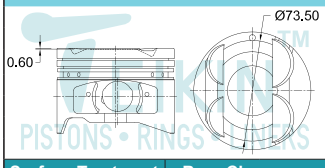
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 18.00 mm

105

3SGTE — 1998 cc — 4 cyl.

CELICA TURBO
1988-93
1991-95 MR2
F.I., DOHC 4

Ø 86.00								
	1 - 1.2 1 - 1.5	Ø 22.000 TL 66.00						
CD 35.10								
-0.8	1 - 4.0							
TL 62.10								
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.						
46263	R 46620	P 39104						
REFERENCE NO.	REFERENCE NO.							
13101-88380 13101-88381	13011-74100 13011-88362/3/80 13013-88380							



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 11.00 mm

106

1RZ — 1998 cc — 4 cyl.

Ø 86.00								TEIKIN NO.
	1 - 1.75 1 - 1.5	Ø 24.000 TL 61.00			TL		170.0	
					OD		89.5	LKSX 46300
CD 35.40								
-4.2	1 - 4.0							
TL 67.40								
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.			
46300	R 46300	P 46300	B 46300		LSX 46300			
					Surface Treatment			
					None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.			
13101-75010 13103-75010	13011-75010 13011-75020 13011-75080 13013-75020/80		90999-73129 90999-73125		11461-75010			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.00 mm

107

1AZFE — 1998 cc — 4 cyl.

2.0L DOHC 16V
RAV4 01-03

Ø 86.00								
	2 - 1.2	Ø 22.000 TL 56.00						
CD 38.90								
+2.0	1 - 2.0							
TL 61.00								
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.						
46353	R 46353	P 34101						
REFERENCE NO.	REFERENCE NO.							
13101-28061 13211-28060 13211-28061	13011-28120 13011-28121							

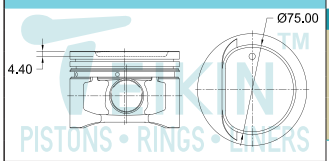
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 6.50 mm

108

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

1RZ-III — 1998 cc — 4 cyl.

Ø 86.00							TEIKIN NO.
CD 35.50 / -4.4 / TL 59.00	1 - 1.75 / 1 - 1.5 / 1 - 4.0	Ø 24.000 / TL 61.00		TL 170.0 / OD 89.5			LKSX 46359
TEIKIN NO. 46359	TEIKIN NO. R 46300	TEIKIN NO. P 46300		TEIKIN NO. LSX 46300			
				Surface Treatment: None			
REFERENCE NO. 13101-75090, 13101-78700, 13103-75090	REFERENCE NO. 13011-75010, 13011-75020, 13011-75080, 13013-75020/80			REFERENCE NO. 11461-75010			



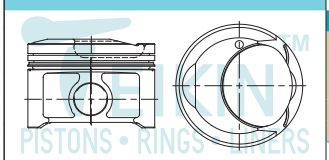
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Anodized Crown	MP: 7.00 mm
1st Ring Anodized	

109

1AZ-FSE — 1998 cc — 4 cyl.

PREMIO
AZT240
(01-04)
DOHC 16V

Ø 86.00							TEIKIN NO.
CD 38.90 / +3.1 / TL 62.00	2 - 1.2 / 1 - 2.0	Ø 22.000 / TL 56.00		TL 144.0 / OD 90.0			LKSX 46365
TEIKIN NO. 46365	TEIKIN NO. R 46365	TEIKIN NO. P 34101		TEIKIN NO. LSX 46120			
				Surface Treatment: None			
REFERENCE NO. 13211-28040-B0	REFERENCE NO. 13011-28110, 13011-28200			REFERENCE NO. 11461-73010			



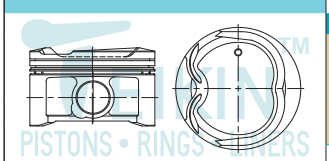
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Anodized Crown	MP: 5.50 mm
1st Ring Anodized	

110

1TR-FE — 1998 cc — 4 cyl.

HIACE
TRH102/ 112/ 200
(03-)
DOHC 16V

Ø 86.00							TEIKIN NO.
CD 32.70 / +2.3 / TL 55.00	2 - 1.2 / 1 - 2.0	Ø 22.000 / TL 56.00		TL 177.8 / OD 90.0			LKSX 46366
TEIKIN NO. 46366	TEIKIN NO. R 46366	TEIKIN NO. P 34101	TEIKIN NO. B 46360	TEIKIN NO. LSX 46255			
				Surface Treatment: None			
REFERENCE NO. 13101-0C010, 13101-75120	REFERENCE NO. 13011-75100, 13011-75120, 13013-75100		REFERENCE NO. 90999-73144	REFERENCE NO. 11461-61030			

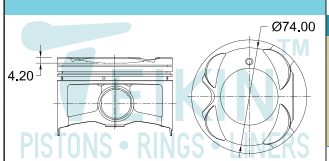


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.50 mm
1st Ring Anodized	

111

3SFE-VII — 1998 cc — 4 cyl.

Ø 86.00							TEIKIN NO.
CD 35.00 / -4.2 / TL 59.20	2 - 1.2 / 1 - 3.0	Ø 22.000 / TL 56.00		TL 177.8 / OD 90.0			LKSX 46373
TEIKIN NO. 46373	TEIKIN NO. R 46701	TEIKIN NO. P 34101		TEIKIN NO. LSX 46255			
				Surface Treatment: None			
REFERENCE NO. 13101-74191	REFERENCE NO. 13011-74320, 13011-74340, 13011-74361, 13013-74320/40			REFERENCE NO. 11461-61030			



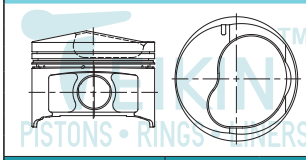
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 10.50 mm

112

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

3S-FSE — 1998 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 86.00 CD 35.00 +7.6 TL 66.60	2 - 1.2 1 - 2.0	Ø 22.000 TL 56.00				
TEIKIN NO. 46378		TEIKIN NO. P 34101				
REFERENCE NO. 13101-74230-01						



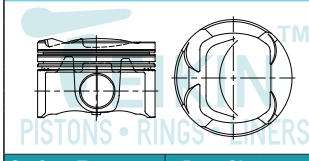
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 9.00 mm

113

8AR-FTS — 1998 cc — 4 cyl.

LEXUS NX 200 T / NX 300 / RX 200T / RX 300 2013- NOW

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 86.00 CD 36.70 +2.0 TL 58.20	1 - 1.5 1 - 1.2 1 - 2.0	Ø 24.000 TL 58.00				
TEIKIN NO. 46405A		TEIKIN NO. P 46405				
REFERENCE NO. 13211-36130-A0						



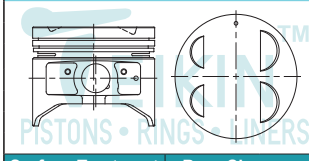
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 6.50 mm

114

3SFE-II — 1998 cc — 4 cyl.

3S-GELU
3S-GELC

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 86.00 CD 35.10 -5.1 TL 67.10	1 - 1.2 1 - 1.5 1 - 4.0	Ø 22.000 TL 66.00		TL 177.8 OD 90.0		TEIKIN NO. LKSX 46620
TEIKIN NO. 46620 (46320)	TEIKIN NO. R 46620	TEIKIN NO. P 39104		TEIKIN NO. LSX 46255 Surface Treatment None		
REFERENCE NO. 13101-74030 13101-74031 13101-74032	REFERENCE NO. 13011-74100 13011-88362/3/80 13013-88380			REFERENCE NO. 11461-61030		

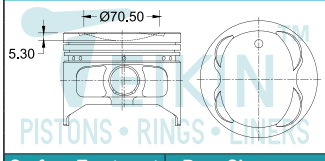


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.00 mm

115

3SFE-III — 1998 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 86.00 CD 35.00 -5.3 TL 67.90	2 - 1.5 1 - 4.0	Ø 22.000 TL 66.00		TL 177.8 OD 90.0		TEIKIN NO. LKSX 46621
TEIKIN NO. 46621 (46312)	TEIKIN NO. R 46225	TEIKIN NO. P 39104		TEIKIN NO. LSX 46255 Surface Treatment None		
REFERENCE NO. 13101-74100	REFERENCE NO. 13011-74070/1/2/80 13011-74081/91/131/280 13013-74071/2/91 13013-74131/280			REFERENCE NO. 11461-61030		



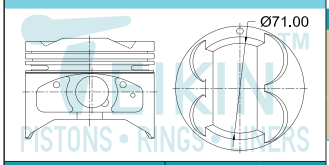
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 18.00 mm

116

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

3SGE — 1998 cc — 4 cyl.

Ø 86.00	1 - 1.2 1 - 1.5 1 - 4.0	Ø 22.000 TL 66.00		TL OD	177.8 90.0	TEIKIN NO. LKSX 46663
CD 35.10 +2.1 TL 69.20						



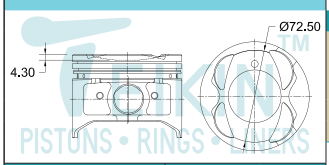
TEIKIN NO. 46663	TEIKIN NO. R 46620	TEIKIN NO. P 39104		TEIKIN NO. LSX 46255 Surface Treatment: None	
REFERENCE NO. 13101-88362	REFERENCE NO. 13011-74100 13011-88362/3/80 13013-88380			REFERENCE NO. 11461-61030	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 10.00 mm

117

3SFE-IV — 1998 cc — 4 cyl.

Ø 86.00	2 - 1.5 1 - 4.0	Ø 22.000 TL 66.00		TL OD	177.8 90.0	TEIKIN NO. LKSX 46667
CD 35.00 -4.3 TL 65.50						



TEIKIN NO. 46667	TEIKIN NO. R 46255	TEIKIN NO. P 39104		TEIKIN NO. LSX 46255 Surface Treatment: None	
REFERENCE NO. 13101-74170	REFERENCE NO. 13011-74070/1/2/80 13011-74081/91/131/280 13013-74071/2/91 13013-74131/280			REFERENCE NO. 11461-61030	

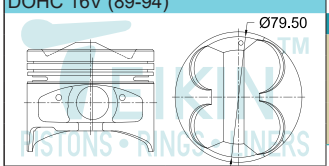
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.00 mm

118

3SGE-II — 1998 cc — 4 cyl.

CARINA - CELICA
MR2
ST182 - ST191
SW20
DOHC 16V (89-94)

Ø 86.00	1 - 1.2 1 - 1.5 1 - 4.0	Ø 22.000 TL 66.00		TL OD	177.8 90.0	TEIKIN NO. LKSX 46689
CD 35.10 +4.5 TL 71.60						



TEIKIN NO. 46689	TEIKIN NO. R 46620	TEIKIN NO. P 39104		TEIKIN NO. LSX 46255 Surface Treatment: None	
REFERENCE NO. 13101-88363 13103-88363	REFERENCE NO. 13011-74100 13011-88362/3/80 13013-88380			REFERENCE NO. 11461-61030	

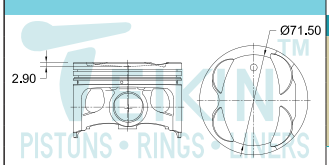
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 16.40 mm

119

3S-FE-VI — 1998 cc — 4 cyl.

RAV 4
SXA1# ~ SXM10
(96-01)
DOHC 16V

Ø 86.00	2 - 1.2 1 - 3.0	Ø 22.000 TL 56.00		TL OD	177.8 90.0	TEIKIN NO. LKSX 46701
CD 35.00 -2.9 TL 59.20						



TEIKIN NO. 46701	TEIKIN NO. R 46701	TEIKIN NO. P 34101		TEIKIN NO. LSX 46255 Surface Treatment: None	
REFERENCE NO. 13101-14180 13101-74180 13103-74180	REFERENCE NO. 13011-74320 13011-74340 13011-74361 13013-74320/40			REFERENCE NO. 11461-61030	

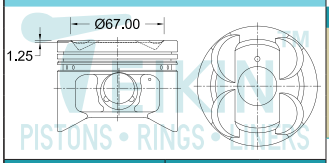
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 11.50 mm

120

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	LINER NO FLANGE	LINER KIT SET

2JZGE — 2997 cc — 6 cyl.

F.I., SOHC, 24 V
SUPRA 1993-98



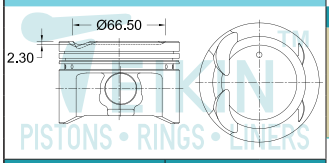
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 12.00 mm

Ø 86.00		
CD 34.00	2 - 1.5	Ø 22.000
-1.3	1 - 4.0	TL 66.00
TL 65.00		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
46330	**R 46330**	**P 39104**
REFERENCE NO.	**REFERENCE NO.**	
13101-46030 13101-46031	13011-46030/40/41/50	

121

2JZGE-II — 2997 cc — 6 cyl.

3.0L DOHC 24V
SUPRA 98
1998-05



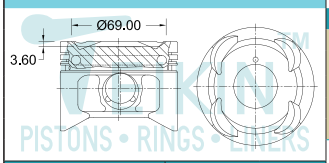
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 10.00 mm

Ø 86.00		
CD 34.00	2 - 1.5	Ø 22.000
-2.3	1 - 4.0	TL 66.00
TL 59.00		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
46352	**R 46330**	**P 39104**
REFERENCE NO.	**REFERENCE NO.**	
13101-46081	13011-46030/40/41/50	

122

2JZGTE — 2997 cc — 6 cyl.

F.I., DOHC, 24 V
SUPRA TURBO 1993-98



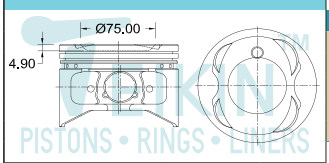
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 12.30 mm

Ø 86.00		
CD 34.00	2 - 1.5	Ø 22.000
-3.8	1 - 4.0	TL 66.00
TL 65.00		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
46331G	**R 46330**	**P 39104**
REFERENCE NO.	**REFERENCE NO.**	
13101-46090 13101-46091	13011-46030/40/41/50	

123

5SFE — 2164 cc — 4 cyl.

CELICA, MR2
F.I., DOHC 4
1990-91



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 15.00 mm

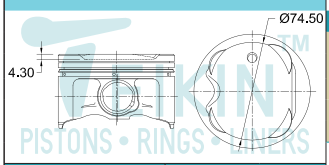
Ø 87.00		
CD 32.50	2 - 1.5	Ø 22.000
-4.9	1 - 4.0	TL 66.00
TL 62.90		
TEIKIN NO.	**TEIKIN NO.**	**TEIKIN NO.**
46279	**R 46279**	**P 39104**
REFERENCE NO.	**REFERENCE NO.**	
13101-74130 13101-74080	13011-74190 13011-74260/61 13011-74290/300 13013-74190/290	

124

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

5SFE-II — 2164 cc — 4 cyl.

1998-99 CAMRY
SOLARA



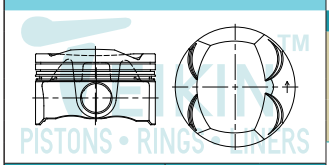
PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 87.00 CD 32.50 -4.3 TL 56.50	2 - 1.2 1 - 3.0	Ø 22.000 TL 66.00				
TEIKIN NO. 46309	TEIKIN NO. R 46309	TEIKIN NO. P 39104				
REFERENCE NO. 13101-03060	REFERENCE NO. 13011-74370/80 13011-74410 13013-74370					

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 7.00 mm

125

A25A-FXS — 2487 cc — 4 cyl.

RAV4 HYBRID (2019 - PRESENT)
HIGHLANDER HYBRID (2020 - PRESENT)
CAMRY HYBRID (2018 - PRESENT)
AVALON HYBRID (2019 - PRESENT)



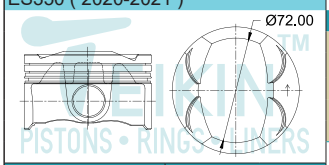
PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 87.50 CD 32.20 +3.3 TL 55.00	2 - 1.2 1 - 2.0	Ø 21.010 TL 49.00				
TEIKIN NO. 46409		TEIKIN NO. P 46409				
REFERENCE NO. 13101-25040						

Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.50 mm

126

A25A-FKS — 2487 cc — 4 cyl.

AVALON (2020-2021)
CAMRY (2018-2021)
RAV4 (2019-2021)
ES250 (2021)
ES350 (2020-2021)



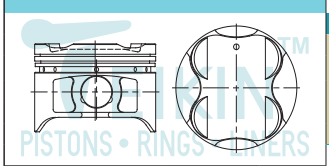
PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 87.50 CD 32.20 +2.1 TL 53.80	2 - 1.2 1 - 2.0	Ø 21.010 TL 49.00				
TEIKIN NO. 46410		TEIKIN NO. P 46409				
REFERENCE NO. 13101-25030						

Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.50 mm

127

3VZ-FE — 2958 cc — 6 cyl.

CAMRY
F.I., DOHC 6
1992-93



PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 87.50 CD 34.00 -3.8 TL 62.20	2 - 1.5 1 - 4.0	Ø 22.000 TL 62.00		TL OD	150.0 91.5	TEIKIN NO. LKSX 46281
TEIKIN NO. 46281	TEIKIN NO. R 46281	TEIKIN NO. P 43222		TEIKIN NO. LSX 46281 Surface Treatment None		
REFERENCE NO. 13101-62040	REFERENCE NO. 13011-62060 13011-65020/1 13013-62060 13013-65021			REFERENCE NO.		

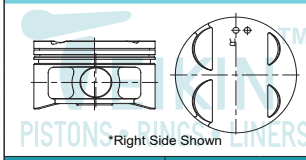
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm MP: 12.00 mm

128

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	LINER NO FLANGE	LINER KIT SET

1MZFE — 2995 cc — 6 cyl.

CAMRY
SOLARA, AVALON,SIENNA
F.I., DOHC 24V
1994-2002



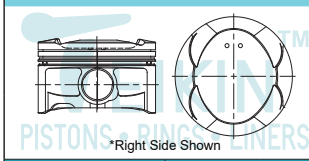
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.020 mm
Anodized Crown	MP: 5.70 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 87.50	2 - 1.2	Ø 22.000		TL	150.0	TEIKIN NO.
CD 31.30		TL 55.00		OD	91.5	LKFX 46288
-2.5	1 - 3.0					LKSX 46288
TL 51.30						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
46288	R 46288	P 48102		LFX 46288		
				LSX 46288		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		
13101-20030 (R)	13011-0A020					
13101-20020 (L)	13011-20010/2/20/21/22/50					
13101-20010 (R)						
13301-20010 (L)						

129

3GR-FE — 3000 cc — 6 cyl.

V6



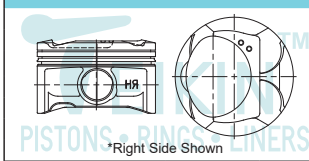
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.00 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 87.50	2 - 1.2	Ø 22.000				
CD 31.20		TL 56.00				
+2.4	1 - 2.0					
TL 54.60						
TEIKIN NO.		TEIKIN NO.				
46386		P 34101				
REFERENCE NO.						
13301-31050 (R)						
13101-31080 (L)						

130

3GR-FSE — 3000 cc — 6 cyl.

LEXUS GS190 05-11 "D4"
05-11

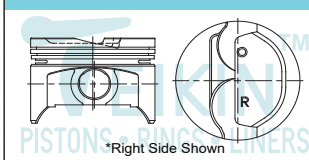


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.00 mm
1st Ring Anodized	

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 87.50	2 - 1.2	Ø 22.000				
CD 31.00		TL 56.00				
+2.1	1 - 2.0					
TL 54.10						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
46397	R 46397	P 34101				
REFERENCE NO.	REFERENCE NO.					
13101-31040-B0 (R)						
13301-31010-B0 (L)						

131

3VZE — 2958 cc — 6 cyl.



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm
	MP: 16.00 mm

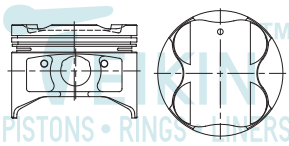
PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 87.50	2 - 1.5	Ø 21.000		TL	150.0	TEIKIN NO.
CD 33.70		TL 63.50		OD	91.5	LKSX 46606
-3.8	1 - 4.0					
TL 62.60						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
46606	R 46281	P 32120		LSX 46281		
(46321)						
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		
13101-65040 (R)	13011-62060					
13301-65040 (L)	13011-65020/1					
	13013-62060					
	13013-65021					

132

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
							LINER	

2VZ-FE — 2507 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 87.50	2 - 1.5	Ø 21.004					
CD 32.20		TL 62.50					
-2.1	1 - 3.0						
TL 65.00							
TEIKIN NO. 46660	TEIKIN NO. R 46660	TEIKIN NO. P 46660					
REFERENCE NO. 13101-62020	REFERENCE NO. 13011-62040, 13013-62040						

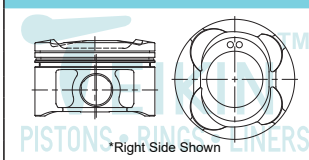


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.025 mm
Anodized Crown	MP: 17.00 mm

133

1UZFE-II — 3968 cc — 8 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 87.50	2 - 1.2	Ø 22.000					
CD 34.50		TL 62.00					
+2.3	1 - 3.0						
TL 55.80							
TEIKIN NO. 46350	TEIKIN NO. R 46350	TEIKIN NO. P 43222					
REFERENCE NO. 13101-50040-02 (R), 13301-50030-02 (L)	REFERENCE NO. 13011-50110, 13011-50120						



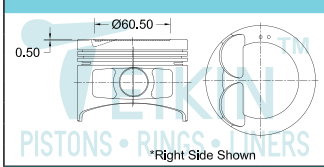
*Right Side Shown

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 5.00 mm
1st Ring Anodized	

134

1UZFE — 3968 cc — 8 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 87.50	2 - 1.5	Ø 22.000					
CD 34.00		TL 62.00					
-0.5	1 - 3.0						
TL 65.00							
TEIKIN NO. 46665	TEIKIN NO. R 46665	TEIKIN NO. P 43222					
REFERENCE NO. 13101-50020 (R), 13101-50010 (L)	REFERENCE NO. 13011-50040, 13011-50060						



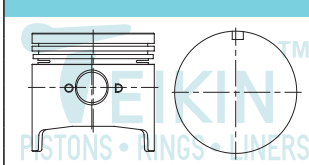
*Right Side Shown

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 15.00 mm

135

5R OLD — 1994 cc — 4 cyl. — 1979

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 88.00	1 - 2.0	Ø 22.000			TL 150.0		TEIKIN NO.
	1 - 2.5	TL 75.00			OD 92.0		LKSX 46175
CD 39.00	1 - 4.0						
TL 85.00							
TEIKIN NO. 46175	TEIKIN NO. R 46175	TEIKIN NO. P 46189			TEIKIN NO. LSX 46175		
					Surface Treatment: None		
REFERENCE NO. 13101-44015, 13101-44011/12, 13101-44013/14	REFERENCE NO. 13011-44010/1/30/31/32, 13011-44033/40/41/42/43/44, 13011-44060/1/2/3/73, 13012-44032/3/40/41/60				REFERENCE NO. 11461-44020		



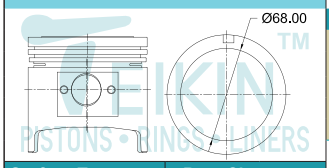
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 27.50 mm

136

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
						LINER		

5R NEW — 1994 cc — 4 cyl.

Ø 88.00	1 - 2.0 1 - 2.5 1 - 4.0	Ø 22.000 TL 75.00		TL 150.0 OD 92.0		TEIKIN NO. LKSX 46177
CD 38.75 +0.3 TL 85.00						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
46177	R 46175	P 46189		LSX 46175		
				Surface Treatment: None		
REFERENCE NO. 13101-44016	REFERENCE NO. 13011-44010/1/30/31/32 13011-44033/40/41/42/43/44 13011-44060/1/2/3/73 13012-44032/3/40/41/60			REFERENCE NO. 11461-44020		

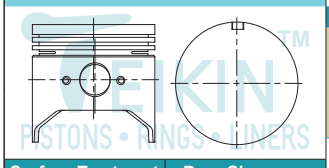
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 22.00 mm

137

18R, 18RC, 18RB — 1968 cc — 4 cyl.

18 RE
1971

Ø 88.50	1 - 2.0 1 - 2.5 1 - 4.0	Ø 22.000 TL 75.00		TL 150.0 OD 92.5		TEIKIN NO. LKSX 46189
CD 39.80 TL 84.85						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
46189	R 46189	P 46189		LSX 46189		
				Surface Treatment: None		
REFERENCE NO. 13101-34010 13101-34030 13101-34040	REFERENCE NO. 13011-34012/13/20/21/22/23 13011-34030/40/50 13011-38010/20/40/60 13012-34022			REFERENCE NO. 11461-34010		

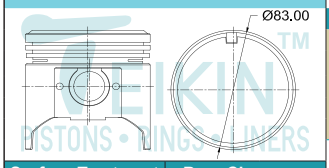
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 28.00 mm

138

20R — 2189 cc — 4 cyl.

LAND CRUISER
1954

Ø 88.50	1 - 2.0 1 - 2.5 1 - 4.0	Ø 22.000 TL 75.00		TL 150.0 OD 92.5		TEIKIN NO. LKSX 46294
CD 38.90 +2.8 TL 88.70						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
46294	R 46189	P 46189		LSX 46189		
				Surface Treatment: None		
REFERENCE NO. 13101-38010 13101-38020	REFERENCE NO. 13011-34012/13/20/21/22/23 13011-34030/40/50 13011-38010/20/40/60 13012-34022			REFERENCE NO. 11461-34010		

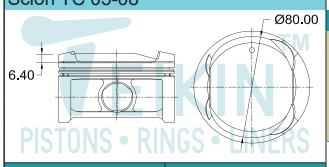
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 27.80 mm

139

2AZFE — 2362 cc — 4 cyl.

2001-ON
Highlander 01-07
Camry 02-08
Solara 02-08
Scion TC 05-08

Ø 88.50	2 - 1.2 1 - 2.0	Ø 22.000 TL 56.00				
CD 33.70 +2.1 TL 55.80						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
46343	R 46343	P 34101				
REFERENCE NO. 13211-28030 13211-28031 13101-28030	REFERENCE NO. 13011-23100 13011-28100/1/2 13011-28141/50/51/80					

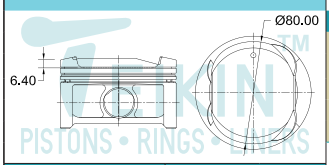
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.020 mm MP: 6.00 mm

140

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

2AZFE-II — 2362 cc — 4 cyl.
2008-2011

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 88.50 CD 33.70 +2.1 TL 55.80	2 - 1.0 1 - 2.0	Ø 22.000 TL 56.00				
TEIKIN NO. 46379	TEIKIN NO. R 46379	TEIKIN NO. P 34101				
REFERENCE NO. 13211-28110 13211-28111 13211-28112	REFERENCE NO. 13011-28160 13011-28161/90 13011-28240 13011-0H040/41					

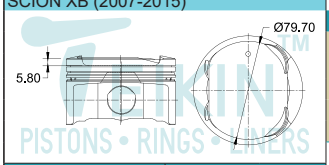


Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 6.00 mm

141

2AZFE-IV — 2362 cc — 4 cyl.
RUKUS (2010-2015)
PREVIA / TARAGO (2006-2018)
ALPHARD / VELLFIRE (2008-2015)
ESTIMA/ EMINA/ LUCIDA (2010-2015)
RAV4 / VANGUARD (2012-2016)
SCION XB (2007-2015)

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 88.50 CD 33.60 +2.2 TL 55.80	2 - 1.0 1 - 2.0	Ø 22.000 TL 56.00				
TEIKIN NO. 46417	TEIKIN NO. R 46379	TEIKIN NO. P 34101				
REFERENCE NO. 13211-28141-A0	REFERENCE NO. 13011-28160 13011-28161/90 13011-28240 13011-0H040/41					

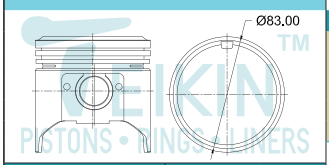


Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.00 mm

142

20R-II — 2189 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 88.50 CD 38.90 +2.8 TL 88.70	1 - 2.0 1 - 2.5 1 - 4.0	Ø 22.000 TL 75.00		TL OD	150.0 92.5	TEIKIN NO. LKSX 46659
TEIKIN NO. 46659	TEIKIN NO. R 46189	TEIKIN NO. P 46189		TEIKIN NO. LSX 46189		
REFERENCE NO. 13101-38050	REFERENCE NO. 13011-34012/13/20/21/22/23 13011-34030/40/50 13011-38010/20/40/60 13012-34022			Surface Treatment None REFERENCE NO. 11461-34010		

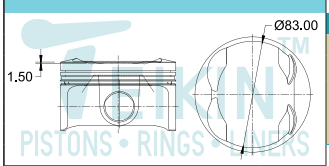


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 27.80 mm

143

2AR-FXE — 2494 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 90.00 CD 34.90 +2.8 TL 56.30	2 - 1.0 1 - 2.0	Ø 22.000 TL 56.00				
TEIKIN NO. 46400		TEIKIN NO. P 34101				
REFERENCE NO. 13211-36060-B0						



Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 6.00 mm

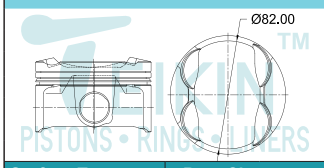
144

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

2AR-FE — 2494 cc — 4 cyl.

Scion tC (2011-2016)
Toyota Camry (2009-2015)
Toyota RAV4ASV50 (2008-2018)

Ø 90.00						
CD 34.90 / +3.4 / TL 56.80	2 - 1.0 / 1 - 2.0	Ø 22.000 / TL 56.00				
TEIKIN NO. 46693	**TEIKIN NO.** R 46697	**TEIKIN NO.** P 34101				
REFERENCE NO. 13211-36032, 13211-36090, 13211-36120, 13211-36030/31, 13211-0V011/12/40	**REFERENCE NO.** 13011-36020, 13011-36030, 13011-36070					



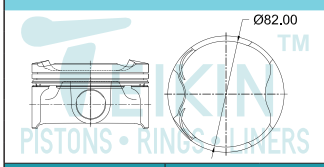
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 5.00 mm

145

1AR-FE — 2672 cc — 4 cyl.

DOHC 16V

Ø 90.00						
CD 31.60 / +2.8 / TL 52.90	2 - 1.0 / 1 - 2.0	Ø 22.000 / TL 56.00				
TEIKIN NO. 46697	**TEIKIN NO.** R 46697	**TEIKIN NO.** P 34101				
REFERENCE NO.	**REFERENCE NO.** 13011-36020, 13011-36030, 13011-36070					



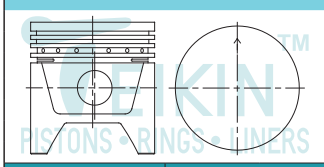
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 6.00 mm

146

F, FA-90 — 3878 cc — 6 cyl.

LAND CRUISER
1954

Ø 90.00						
CD 47.58 / TL 95.50	2 - 3.0 / 2 - 4.0	Ø 25.150 / TL 80.00		TL 187.0 / OD 94.0		**TEIKIN NO.** LKSX 46132
TEIKIN NO. 46132	**TEIKIN NO.** R 46132	**TEIKIN NO.** P 46132		**TEIKIN NO.** LSX 46132		
				Surface Treatment None		
REFERENCE NO. 13101-60010, 13101-60011	**REFERENCE NO.** 13011-60011, 13011-69021, 13013-60011, 13015-60011			**REFERENCE NO.** 11462-60010		



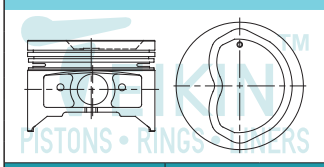
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 27.50 mm

147

4Y — 2237 cc — 4 cyl.

VAN
F.I., OHV 8V
1986-89

Ø 91.00						
CD 35.00 / -6.2 / TL 65.00	2 - 1.5 / 1 - 4.0	Ø 22.000 / TL 66.00		TL 164.5 / OD 95.0		**TEIKIN NO.** LKSX 46122
TEIKIN NO. 46122	**TEIKIN NO.** R 46122	**TEIKIN NO.** P 39104		**TEIKIN NO.** LSX 46122		
				Surface Treatment None		
REFERENCE NO. 13101-73030, 13101-73031, 13101-73032, 13103-73030, 13103-73031	**REFERENCE NO.** 13011-73020/1, 13011-73030/1/2/40/42, 13013-71031/3, 13013-73020/1			**REFERENCE NO.** 11461-73030		



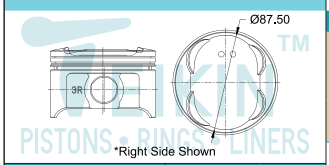
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.50 mm

148

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

3UZ-FE — 8 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 91.00 CD 33.90 +2.9 TL 60.90	2 - 1.2 1 - 3.0	Ø 22.000 TL 62.00					
TEIKIN NO. 46401	TEIKIN NO. R 46401	TEIKIN NO. P 43222					
REFERENCE NO. 13101-50090-02 (R) 13301-50080-02 (L)	REFERENCE NO. 13011-50170						

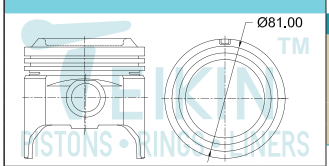


Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 10.50 mm

149

22R — 2366 cc — 4 cyl. — 1981

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 92.00 CD 39.05 +6.4 TL 92.45	1 - 2.0 1 - 2.5 1 - 4.0	Ø 22.000 TL 75.00		TL OD		160.5 96.0	TEIKIN NO. LKSX 46201
TEIKIN NO. 46201	TEIKIN NO. R 46201	TEIKIN NO. P 46189		TEIKIN NO. LSX 46201 Surface Treatment None			
REFERENCE NO. 13101-35010 13101-35020	REFERENCE NO. 13011-35010 13011-35020 13011-35030			REFERENCE NO. 11461-35020			

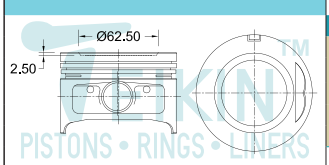


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 29.00 mm

150

22R-E — 2366 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 92.00 CD 34.95 -2.5 TL 63.90	2 - 1.5 1 - 4.0	Ø 22.000 TL 69.50		TL OD		160.5 96.0	TEIKIN NO. LKSX 46202
TEIKIN NO. 46202	TEIKIN NO. R 46202	TEIKIN NO. P 46202		TEIKIN NO. LSX 46201 Surface Treatment None			
REFERENCE NO. 13101-35032 13101-35030 13101-35031	REFERENCE NO. 13011-35040/1/50/51/52 13011-35060/1/70/71 13013-35040/1/50/51/52 13015-35040/1/51/52			REFERENCE NO. 11461-35020			

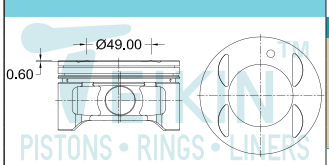


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.50 mm

151

3MZFE — 3311 cc — 6 cyl. — 3.3L DOHC 24V — CAMRY.HIGHLANDER 04-05 — SIENNA. SOLARA 04-05

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 92.00 CD 31.20 -0.6 TL 54.50	2 - 1.2 1 - 3.0	Ø 22.000 TL 56.00		TL OD		160.5 96.0	TEIKIN NO. LKFX 46357 LKSX 46357
TEIKIN NO. 46357	TEIKIN NO. R 46357	TEIKIN NO. P 34101		TEIKIN NO. LFX 46357 LSX 46357 Surface Treatment None			
REFERENCE NO. 13101-0A040 13101-20050	REFERENCE NO. 13011-20060 13011-20061			REFERENCE NO.			



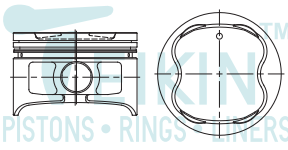
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 9.40 mm

152

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

5VZ-FE — 3378 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 93.50 CD 34.00 -4.9 TL 63.00	2 - 1.5 1 - 4.0	Ø 22.000 TL 62.00				
TEIKIN NO. 46666	TEIKIN NO. R 46666	TEIKIN NO. P 43222				
REFERENCE NO. 13101-62060	REFERENCE NO. 13011-62100/10/20 13011-66020 13013-62100/10					

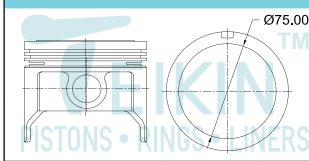


Surface Treatment	Bore Clearance
Tin Coated Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 12.80 mm

153

3F NEW, 3FE — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 94.00 CD 37.45 +0.2 TL 79.70	2 - 2.0 1 - 4.0	Ø 22.000 TL 75.00		TL 168.0 OD 98.0		TEIKIN NO. LKSX 46272-4
TEIKIN NO. 46272-4	TEIKIN NO. R 46272-4	TEIKIN NO. P 46189		TEIKIN NO. LSX 46272 Surface Treatment None		
REFERENCE NO. 13101-61032	REFERENCE NO. 13011-61062 13013-61062 13015-61062 13017-61062			REFERENCE NO.		

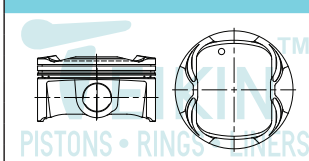


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 27.50 mm

154

2GR-FE — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 94.00 CD 31.30 +2.1 TL 52.50	2 - 1.2 1 - 2.0	Ø 22.000 TL 56.00		TL 168.0 OD 98.0		TEIKIN NO. LKFX 46363-4 LKSX 46363-4
TEIKIN NO. 46363-4	TEIKIN NO. R 46363-4	TEIKIN NO. P 34101	TEIKIN NO. B 46360	TEIKIN NO. LFX 46363 LSX 46363 Surface Treatment None		
REFERENCE NO. 13101-31091 13101-31090 13101-31092	REFERENCE NO. 13011-31130		REFERENCE NO. 90999-73144	REFERENCE NO.		

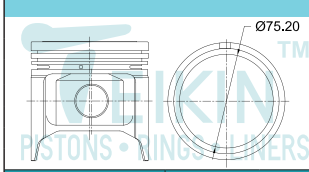


Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 5.50 mm

155

2F — 4230 cc — LAND CRUISER 1975 — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 94.00 CD 47.38 +0.3 TL 95.75	1 - 2.0 1 - 2.5 1 - 4.0	Ø 25.150 TL 71.80		TL 191.0 OD 98.0		TEIKIN NO. LKSX 46136
TEIKIN NO. 46136	TEIKIN NO. R 46136	TEIKIN NO. P 46136		TEIKIN NO. LSX 46136 Surface Treatment None		
REFERENCE NO. 13101-61010 13101-61011	REFERENCE NO. 13011-61010/40 13013-61010/20 13015-61010/20 13017-61010/20			REFERENCE NO. 11461-61010		



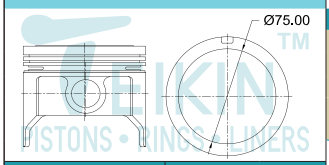
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 26.30 mm

156

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

3F — 4230 cc — 6 cyl.

Ø 94.00	2 - 1.5	Ø 22.000		TL		
CD 37.45 +0.2	1 - 4.0	TL 75.00		OD	191.0	98.0
TL 79.70						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.	
46138	R 46138	P 46189		LSX 46136	
				Surface Treatment: None	
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.	
13101-61030	13011-61060/1			11461-61010	
13101-61031	13013-61060/1				
	13015-61060/1				
	13017-61060/1				

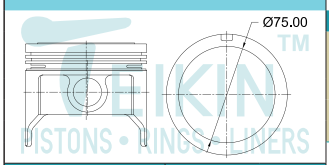
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 27.50 mm

TEIKIN NO. LKSX 46138

157

3F NEW, 3FE — 3956 cc — 6 cyl.

Ø 94.00	2 - 2.0	Ø 22.000		TL		
CD 37.45 +0.2	1 - 4.0	TL 75.00		OD	168.0	98.0
TL 79.70						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.	
46272	R 46272	P 46189		LSX 46272	
				Surface Treatment: None	
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.	
13101-61032	13011-61062				
	13013-61062				
	13015-61062				
	13017-61062				

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 27.50 mm

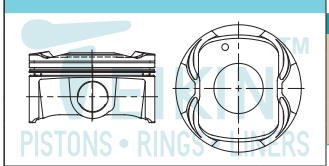
TEIKIN NO. LKSX 46272

158

2GR-FE — 3456 cc — 6 cyl.

CAMRY
V6 24VALVE DOHC VVT-i

Ø 94.00	2 - 1.2	Ø 22.000		TL		
CD 31.30 +2.1	1 - 2.0	TL 56.00		OD	168.0	98.0
TL 52.50						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	
46363	R 46363	P 34101	B 46360	LFX 46363	
				LSX 46363	
				Surface Treatment: None	
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.	
13101-31091	13011-31130		90999-73144		
13101-31090					
13101-31092					

Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 5.50 mm

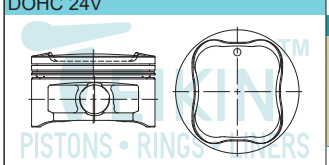
TEIKIN NO. LKFX 46363
TEIKIN NO. LKSX 46363

159

1GR-FE — 4000 cc — 6 cyl.

V6
LAND CRUISER 120
GRJ12#
(03-)
DOHC 24V

Ø 94.00	2 - 1.2	Ø 22.000		TL		
CD 32.70 +2.8	1 - 2.0	TL 62.00		OD	168.0	98.0
TL 56.50						



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.	
46368	R 46368	P 43222		LSX 46272	
				Surface Treatment: None	
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.	
13101-31030	13011-31100				
	13011-31210				

Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 8.00 mm

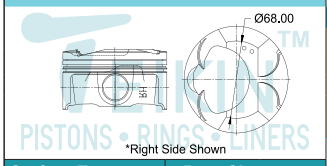
TEIKIN NO. LKSX 46368

160

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

2GR-FSE 3500 cc
LEXUS GS190 05-11
05-11
6 cyl.

Ø 94.00	2 - 1.2	Ø 22.000
CD 31.30		TL 56.00
+1.9	1 - 2.0	
TL 52.70		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46396	R 46363	P 34101

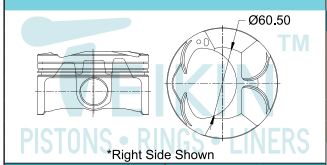
REFERENCE NO.	REFERENCE NO.
13101-31061-B0 (R)	13011-31130
13301-31031-B0 (L)	

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.50 mm
1st Ring Anodized	

161

2GR-FKS 3456 cc
LEXUS GS 350 /
RX 350 / LM 350
2016- NOW
6 cyl.

Ø 94.00	2 - 1.2	Ø 22.000
CD 31.50		TL 56.00
+2.5	1 - 2.0	
TL 53.50		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46404	R 46363	P 34101

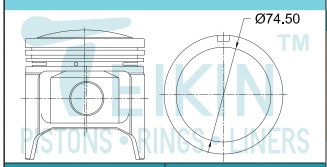
REFERENCE NO.	REFERENCE NO.
13101-31171-A0 (R)	13011-31130
13301-31101-A0 (L)	

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.00 mm
1st Ring Anodized	

162

2F-II 4230 cc
6 cyl.

Ø 94.00	1 - 2.0	Ø 25.150		TL 191.0	TEIKIN NO.
	1 - 2.5	TL 71.80		OD 98.0	LKSX 46623
CD 47.50					
+6.9	1 - 4.0				
TL 102.40					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46623 (46326)	R 46136	P 46136	LSX 46136

Surface Treatment
None

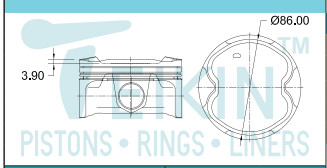
REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
13101-61020	13011-61010/40	11461-61010
	13013-61010/20	
	13015-61010/20	
	13017-61010/20	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 26.00 mm

163

1GR-FE-II 3955 cc
LAND CRUISER
PRADO
GRJ150
DOHC 24V (09--)
6 cyl.

Ø 94.00	2 - 1.2	Ø 22.000		TL 168.0	TEIKIN NO.
		TL 56.00		OD 98.0	LKSX 46703
CD 32.80					
+2.4	1 - 2.0				
TL 54.70					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46703	R 46368	P 34101	LSX 46272

Surface Treatment
None

REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
13101-31120	13011-31100	
	13011-31210	

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.50 mm
1st Ring Anodized	

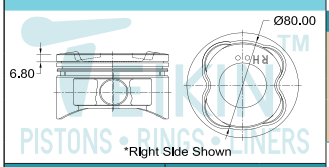
164

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

2UZFE — 4663 cc — 8 cyl.

LANDCRUISER
SEQUOIA, TUNDRA
1998-2002
F.I., DOHC 32 V

PISTON SET	RINGS	PIN
Ø 94.00	2 - 1.5	Ø 22.000
		TL 62.00
CD 33.90		
+2.4	1 - 4.0	
TL 60.30		
TEIKIN NO. 46337	TEIKIN NO. R 46337	TEIKIN NO. P 43222
REFERENCE NO. 13101-50050-01(R) 13301-50040-01(L)	REFERENCE NO. 13011-50140 13011-50141 13011-50150	

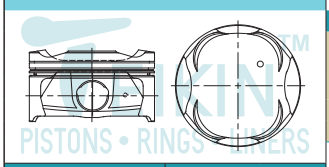


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.020 mm
Anodized Crown	MP: 10.50 mm
1st Ring Anodized	

165

3UR-FE — 5663 cc — V8 — 8 cyl.

PISTON SET	RINGS	PIN
Ø 94.00	2 - 1.2	Ø 22.000
		TL 56.00
CD 33.60		
+1.8	1 - 2.0	
TL 55.30		
TEIKIN NO. 46388	TEIKIN NO. R 46388	TEIKIN NO. P 34101
REFERENCE NO. 13101-0S011	REFERENCE NO. 13011-0S011	

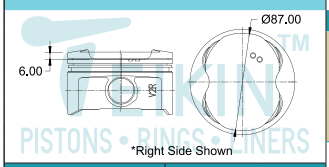


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.50 mm
1st Ring Anodized	

166

2UZ-FE-II — 4700 cc — LAND CRUISER 200 07 07-NEW — 8 cyl.

PISTON SET	RINGS	PIN
Ø 94.00	2 - 1.2	Ø 22.000
		TL 62.00
CD 33.90		
+2.5	1 - 3.0	
TL 57.40		
TEIKIN NO. 46395	TEIKIN NO. R 46395	TEIKIN NO. P 43222
REFERENCE NO. 13101-50081 (R) 13301-50071 (L) 13101-50082-02(R) 13301-50072-02(L)	REFERENCE NO. 13011-0F022 13011-50162 13013-0F022	

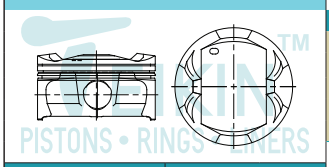


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.50 mm
1st Ring Anodized	

167

1UR-FE — 4608 cc — SEQUOIA 2012-12, TUNDRA PICKUP 2010-16 DOHC 32V V8 — 8 cyl.

PISTON SET	RINGS	PIN
Ø 94.00	2 - 1.2	Ø 22.000
		TL 56.00
CD 31.10		
+1.9	1 - 2.0	
TL 53.00		
TEIKIN NO. 46399		TEIKIN NO. P 34101
REFERENCE NO. 13101-0S020		



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.00 mm
1st Ring Anodized	

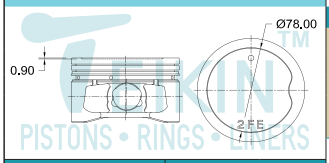
168

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

2RZ-FE — 2438 cc — 4 cyl.

TACOMA 1995-99

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 95.00	2 - 1.5	Ø 24.007				
CD 35.50		TL 70.00				
-0.9	1 - 4.0					
TL 58.90						
TEIKIN NO. 46311	**TEIKIN NO.** R 46311	**TEIKIN NO.** P 46312				
REFERENCE NO. 13101-75070, 13101-75071	**REFERENCE NO.** 13011-75040, 13013-75040					



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 7.60 mm
1st Ring Anodized	

169

3RZ-FE, 3RZ-FZ — 2693 cc — 4 cyl.

4 RUNNER 1996-99
T 100 1994-98
TACOMA 1995-99
DOHC 16 V

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 95.00	2 - 1.5	Ø 24.007		TL 177.8		**TEIKIN NO.**
CD 37.50		TL 70.00		OD 99.0		**LKSX 46312**
-2.7	1 - 4.0					
TL 61.00						
TEIKIN NO. 46312	**TEIKIN NO.** R 46311	**TEIKIN NO.** P 46312		**TEIKIN NO.** LSX 46312		
REFERENCE NO. 13101-75040, 13101-75041	**REFERENCE NO.** 13011-75040, 13013-75040			**Surface Treatment** None; **REFERENCE NO.**		

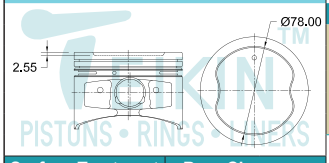
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.20 mm
1st Ring Anodized	

170

2TZ-FE — 2438 cc — 4 cyl.

PREVIA 1990-95
DOHC 16 V

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 95.00	1 - 1.75	Ø 24.007				
	1 - 1.5	TL 70.00				
CD 35.50						
-2.5	1 - 4.0					
TL 67.40						
TEIKIN NO. 46313	**TEIKIN NO.** R 46313	**TEIKIN NO.** P 46312				
REFERENCE NO. 13101-76041	**REFERENCE NO.** 13011-75030/60/70, 13011-76010/50, 13013-75030/70					



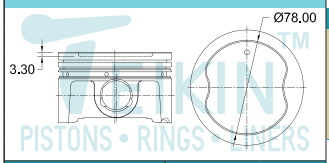
Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.030 mm
1st Ring Anodized	MP: 14.60 mm

171

2TZFZE — 2438 cc — 4 cyl.

F.I., DOHC, 16 V TURBO
PREVIA 1995-98

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 95.00	1 - 1.75	Ø 24.007				
	1 - 1.5	TL 70.00				
CD 35.50						
-3.3	1 - 4.0					
TL 58.00						
TEIKIN NO. 46329		**TEIKIN NO.** P 46312				
REFERENCE NO. 13101-76050						



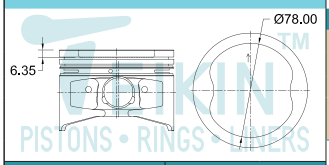
Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.030 mm
1st Ring Anodized	MP: 5.00 mm

172

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

2TZ-FE-II — 2438 cc — 4 cyl.

PREVIA 1990-95
DOHC 16 V



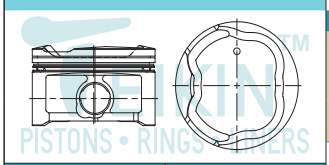
Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.030 mm
1st Ring Anodized	MP: 14.60 mm

Ø 95.00								
CD 35.13	1 - 1.75	Ø 24.007						
-6.3	1 - 1.5	TL 70.00						
TL 67.03	1 - 4.0							
TEIKIN NO. 46344		TEIKIN NO. P 46312						
REFERENCE NO.								

173

2TR-FE — 2700 cc — 4 cyl.

FORTUNER 2.7
HIACE 05-08,
HILUX 06-08
TACOMA 04-08

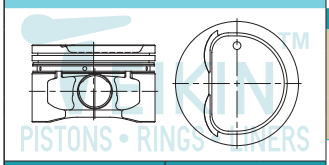


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.30 mm
1st Ring Anodized	

Ø 95.00								TEIKIN NO.
CD 37.10	2 - 1.2	Ø 22.000			TL		177.8	LKSX 46360
+2.2		TL 62.00			OD		99.0	
TL 59.40	1 - 2.0							
TEIKIN NO. 46360	TEIKIN NO. R 46360	TEIKIN NO. P 43222	TEIKIN NO. B 46360	TEIKIN NO. LSX 46312				
				Surface Treatment: None				
REFERENCE NO. 13101-0C020, 13101-75130	REFERENCE NO. 13011-75200, 13011-0C030, 13011-0C090, 13011-75110/30		REFERENCE NO. 90999-73144	REFERENCE NO.				

174

2RZ-FE-III — 2438 cc — 4 cyl.



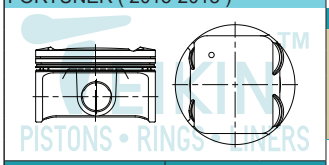
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Anodized Crown	MP: 7.50 mm
1st Ring Anodized	

Ø 95.00								
CD 35.50	1 - 1.75	Ø 24.007						
-5.7	1 - 1.5	TL 70.00						
TL 59.00	1 - 4.0							
TEIKIN NO. 46375	TEIKIN NO. R 46313	TEIKIN NO. P 46312						
REFERENCE NO. 13101-75080, 13103-75080	REFERENCE NO. 13011-75030/60/70, 13011-76010/50, 13013-75030/70							

175

2TR-FE-II

TACOMA (2015-2021) — 4 cyl.
HIACE (2013-2018)
HILUX (2015-2018)
LAND CRUISER PRADO (2015-2018)
FORTUNER (2015-2018)



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.50 mm
1st Ring Anodized	

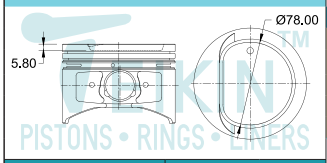
Ø 95.00								
CD 37.10	2 - 1.2	Ø 22.000						
+2.1		TL 56.00						
TL 59.30	1 - 2.0							
TEIKIN NO. 46414	TEIKIN NO. R 46360	TEIKIN NO. P 34101						
REFERENCE NO. 13101-75200, 13101-0C070, 13101-0C090	REFERENCE NO. 13011-75200, 13011-0C030, 13011-0C090, 13011-75110/30							

176

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

2RZ, 2RZE — 2438 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 95.00	1 - 1.75	Ø 24.007					
	1 - 1.5	TL 70.00					
CD 35.50							
-5.8	1 - 4.0						
TL 67.60							
TEIKIN NO. 46607 (46333)	TEIKIN NO. R 46313	TEIKIN NO. P 46312	TEIKIN NO. B 46300				
REFERENCE NO. 13101-75020	REFERENCE NO. 13011-75030/60/70 13011-76010/50 13013-75030/70		REFERENCE NO. 90999-73129 90999-73125				



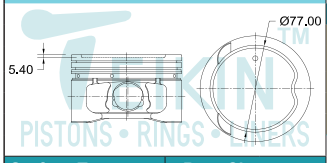
Surface Treatment	Bore Clearance
Anodized Crown	MRC: 0.030 mm
1st Ring Anodized	MP: 14.70 mm

177

3RZ-F — 2693 cc — 4 cyl.

COASTER
RZB40-RZB50
(93-99)
DOHC 16V

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 95.00	1 - 1.75	Ø 24.000		TL		177.8	TEIKIN NO.
	1 - 1.5	TL 71.00		OD		99.0	LKSX 46694
CD 37.60							
-5.4	1 - 4.0						
TL 61.00							
TEIKIN NO. 46694	TEIKIN NO. R 46313	TEIKIN NO. P 31131	TEIKIN NO. B 46300	TEIKIN NO. LSX 46312			
REFERENCE NO. 13101-75050 13103-75050	REFERENCE NO. 13011-75030/60/70 13011-76010/50 13013-75030/70		REFERENCE NO. 90999-73129 90999-73125	Surface Treatment: None REFERENCE NO.			

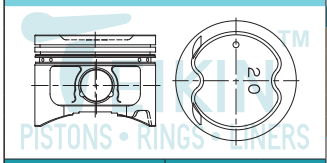


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 6.50 mm
1st Ring Anodized	

178

1FZ-FE — 4476 cc — 6 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 100.00	2 - 2.0	Ø 26.000					
		TL 62.70					
CD 42.00							
-3.9	1 - 4.0						
TL 76.00							
TEIKIN NO. 46270	TEIKIN NO. R 46270	TEIKIN NO. P 46270					
REFERENCE NO. 13101-66020	REFERENCE NO. 13011-66020						



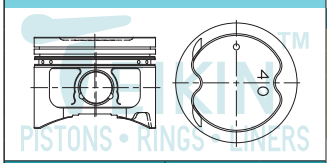
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.040 mm
Anodized Crown	MP: 14.50 mm
1st Ring Anodized	

179

1FZ-FE-II — 4476 cc — 6 cyl.

LAND CRUISER
1993-95, 96-97
DOHC,24 V

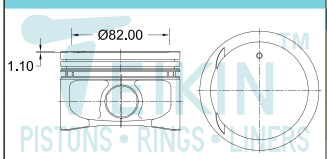
PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
Ø 100.00	1 - 1.75	Ø 26.000					
	1 - 2.0	TL 62.70					
CD 42.00							
-2.4	1 - 4.0						
TL 76.00							
TEIKIN NO. 46282	TEIKIN NO. R 46282	TEIKIN NO. P 46270					
REFERENCE NO. 13101-66040	REFERENCE NO. 13011-66021 13013-66021 13015-66021						



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.040 mm
Anodized Crown	MP: 14.50 mm
1st Ring Anodized	

180

TEIKIN™
PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
1FZ-FE-III 4477 cc LAND CRUISER 6 cyl. FZJ100L (98-05) DOHC 24V	**Ø 100.00** CD 42.00 -1.1 TL 66.00	1 - 1.75 1 - 2.0 1 - 4.0	Ø 26.000 TL 62.70					
	**TEIKIN NO.** **46372**	**TEIKIN NO.** **R 46282**	**TEIKIN NO.** **P 46270**					
Surface Treatment Moly Skirt Anodized Crown 1st Ring Anodized	**Bore Clearance** MRC: 0.030 mm MP: 6.00 mm	**REFERENCE NO.** 13101-66050-02 13103-66050 13105-66050	**REFERENCE NO.** 13011-66021 13013-66021 13015-66021					

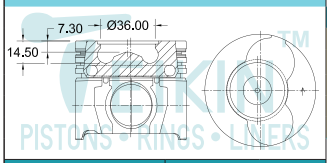
181

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

1ND-TV — 1364 cc — 4 cyl.

YARIS
ECHO
VERSO

Ø 73.00	2 - 1.5	Ø 27.000
CD 41.70		TL 58.00
-14.5	1 - 3.0	
TL 64.10		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46676AG	R 46676	P 46260	B 46680

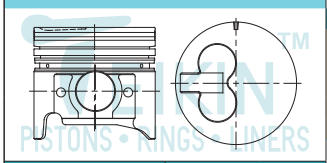
REFERENCE NO.	REFERENCE NO.
13101-0W011	13011-33041 13011-33060 13011-33070

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Moly Skirt	MP: 5.40 mm

182

1N — 1453 cc — 4 cyl.

Ø 74.00	1 - 1.5 HK	Ø 23.500	TL 136.0	133.0	TEIKIN NO.
	1 - 1.5	TL 58.00	OD 78.0	78.0	LKSF 46276
CD 38.50			FT 2.5		LKSX 46276
-1.8	1 - 3.0		FD 82.0		LKSF 46276A
TL 67.50					LKSX 46276A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46276 46276A	R 46276	P 46276	B 46112	LSF 46276 LSX 46276

Surface Treatment
None

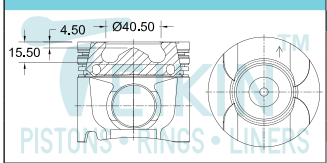
REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
13101-55020	13011-55010 13011-55011 13013-55010		90999-73109

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.00 mm

183

1CD-FTV — 1995 cc — 4 cyl.

Ø 82.20	1 - 2.0	Ø 31.000	TL 151.0	151.0	TEIKIN NO.
	1 - 1.5	TL 68.00	OD 86.2	86.2	LKSF 46680AG
CD 47.80			FT 5.0		LKSX 46680AG
-15.5	1 - 3.0		FD 88.2		
TL 74.80					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46680AG	R 46680	P 46680	B 46260	LSF 46680 LSX 46680

Surface Treatment
None

REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
13101-OG010 13101-OG0A0 13101-OG0B0 13101-OG0C0	13011-27030 13011-27040		

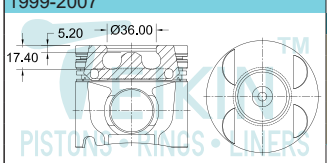
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.060 mm MP: 6.50 mm

184

1CD-FTV-II — 1995 cc — 4 cyl.

AVENSIS
PREVIA
RAV4
ACR30-CDT220-CLA2#
1999-2007

Ø 82.20	1 - 2.0	Ø 31.000	TL 151.0	151.0	TEIKIN NO.
	1 - 1.5	TL 68.00	OD 86.2	86.2	LKSF 46690AG
CD 47.80			FT 5.0		LKSX 46690AG
-17.4	1 - 3.0		FD 88.2		
TL 74.80					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46690AG	R 46680	P 46680	B 46260	LSF 46680 LSX 46680

Surface Treatment
None

REFERENCE NO.	REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
13101-27050 13101-27051	13011-27030 13011-27040		

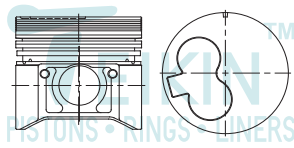
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.080 mm MP: 7.00 mm

185

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

1C — 1839 cc — 4 cyl. — 1982

Ø 83.00	1 - 2.0 HK 1 - 2.0 1 - 4.0	Ø 27.000 TL 68.00		TL OD FT FD	152.0 86.0 5.0 88.0	150.0 87.0	TEIKIN NO. LKFX 46112 LKSF 46112 LKSX 46112 LKFX 46112A LKSF 46112A LKSX 46112A
CD 47.00 -1.1 TL 77.00							
TEIKIN NO. 46112 46112A	TEIKIN NO. R 46112	TEIKIN NO. P 39130	TEIKIN NO. B 46112	TEIKIN NO. LFX 46112 LSF 46112 LSX 46112 Surface Treatment None			
REFERENCE NO. 13101-64010 13101-64020	REFERENCE NO. 13011-64010/20/40 13011-64070/80 13013-64000/20/70		REFERENCE NO. 90999-73091 90999-73101	REFERENCE NO. 11461-64011			

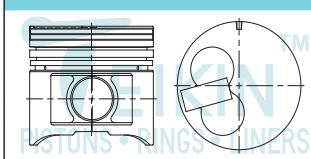


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 11.50 mm

186

1C-III — 1839 cc — 4 cyl.

Ø 83.00	1 - 2.0 HK 1 - 2.0 1 - 3.0	Ø 27.000 TL 58.00		TL OD FT FD	152.0 86.0 5.0 88.0	150.0 87.0	TEIKIN NO. LKFX 46630 LKSF 46630 LKSX 46630
CD 47.00 -1.1 TL 76.90							
TEIKIN NO. 46630	TEIKIN NO. R 46630	TEIKIN NO. P 46260	TEIKIN NO. B 46260	TEIKIN NO. LFX 46112 LSF 46112 LSX 46112 Surface Treatment None			
REFERENCE NO. 13101-64100 13101-64050	REFERENCE NO. 13011-64130 13011-64220 13013-64130		REFERENCE NO. 90999-73101 90999-73102 90999-73138	REFERENCE NO. 11461-64011			

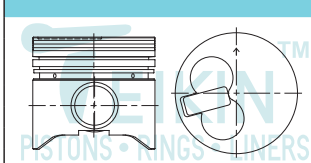


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 11.00 mm

187

1C-II — 1839 cc — 4 cyl.

Ø 83.00	1 - 2.0 HK 1 - 2.0 1 - 3.0	Ø 27.000 TL 58.00		TL OD FT FD	152.0 86.0 5.0 88.0	150.0 87.0	TEIKIN NO. LKFX 46650 LKSF 46650 LKSX 46650
CD 47.00 -1.2 TL 77.00							
TEIKIN NO. 46650	TEIKIN NO. R 46630	TEIKIN NO. P 46260	TEIKIN NO. B 46260	TEIKIN NO. LFX 46112 LSF 46112 LSX 46112 Surface Treatment None			
REFERENCE NO. 13101-64060	REFERENCE NO. 13011-64130 13011-64220 13013-64130		REFERENCE NO. 90999-73101 90999-73102 90999-73138	REFERENCE NO. 11461-64011			

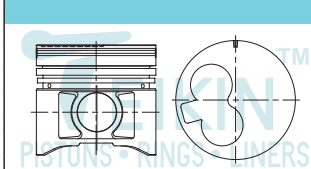


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm MP: 15.00 mm

188

1C NEW — 1839 cc — 4 cyl.

Ø 83.00	1 - 2.0 HK 1 - 2.0 1 - 3.0	Ø 27.000 TL 58.00		TL OD FT FD	152.0 86.0 5.0 88.0	144.0 87.0	TEIKIN NO. LKFX 46692 LKSF 46692 LKSX 46692
CD 47.00 -1.3 TL 76.90							
TEIKIN NO. 46692	TEIKIN NO. R 46630	TEIKIN NO. P 46260	TEIKIN NO. B 46260	TEIKIN NO. LFX 46112 LSF 46112 LSX 46112 Surface Treatment None			
REFERENCE NO. 13101-64130	REFERENCE NO. 13011-64130 13011-64220 13013-64130		REFERENCE NO. 90999-73101 90999-73102 90999-73138	REFERENCE NO. 11461-64011			



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 11.50 mm

189

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

2C — 1974 cc — 4 cyl. — 1987-88

Ø 86.00	1 - 1.75 HK	Ø 27.000		TL	151.0	150.0	TEIKIN NO.
CD 47.00	1 - 2.0	TL 58.00		OD	89.10	90.0	LKFF 46260
-1.3	1 - 3.0			FT	4.8		LKFX 46260
TL 76.95				FD	91.0		LKSF 46260
							LKSX 46260
					*DIMENSION	IS FOR LSF	LKFF 46260A
TEIKIN NO. 46260, 46260A	TEIKIN NO. R 46260	TEIKIN NO. P 46260	TEIKIN NO. B 46260	TEIKIN NO. LFF 46260, LFX 46260, LSF 46260, LSX 46260			LKFX 46260A
				Surface Treatment: None			LKSF 46260A
							LKSX 46260A
REFERENCE NO. 13101-64090	REFERENCE NO. 13011-64170, 13013-64170		REFERENCE NO. 90999-73101, 90999-73102, 90999-73138	REFERENCE NO. 11461-64090			

Surface Treatment: Tin Coated — Bore Clearance: MRC: 0.050 mm, MP: 12.00 mm

190

2C-II, 2CT LATE — 1974 cc — 4 cyl.

Ø 86.00	1 - 2.0 HK	Ø 27.000		TL	151.0	150.0	TEIKIN NO.
CD 47.00	1 - 2.0	TL 58.00		OD	89.10	90.0	LKFF 46264
-1.3	1 - 3.0			FT	4.8		LKFX 46264
TL 76.95				FD	91.0		LKSF 46264
							LKSX 46264
					*DIMENSION	IS FOR LSF	LKFF 46264A
TEIKIN NO. 46264, 46264A	TEIKIN NO. R 46278	TEIKIN NO. P 46260	TEIKIN NO. B 46260	TEIKIN NO. LFF 46260, LFX 46260, LSF 46260, LSX 46260			LKFX 46264A
				Surface Treatment: None			LKSF 46264A
							LKSX 46264A
REFERENCE NO. 13101-64120, 13101-64121	REFERENCE NO. 13011-64190/1, 13011-64202/10/12/13, 13013-64190/1, 13013-64212/3		REFERENCE NO. 90999-73101, 90999-73102, 90999-73138	REFERENCE NO. 11461-64090			

Surface Treatment: Tin Coated — Bore Clearance: MRC: 0.050 mm, MP: 12.00 mm

191

2C-T — 1974 cc — 4 cyl.

Ø 86.00	1 - 2.0 HK	Ø 27.000		TL	151.0	150.0	TEIKIN NO.
CD 47.00	1 - 2.0	TL 58.00		OD	89.10	90.0	LKFF 46278
-1.3	1 - 3.0			FT	4.8		LKFX 46278
TL 76.95				FD	91.0		LKSF 46278
							LKSX 46278
					*DIMENSION	IS FOR LSF	LKFF 46278A
TEIKIN NO. 46278, 46278A	TEIKIN NO. R 46278	TEIKIN NO. P 46260	TEIKIN NO. B 46260	TEIKIN NO. LFF 46260, LFX 46260, LSF 46260, LSX 46260			LKFX 46278A
				Surface Treatment: None			LKSF 46278A
							LKSX 46278A
REFERENCE NO. 13101-64141, 13101-64110	REFERENCE NO. 13011-64190/1, 13011-64202/10/12/13, 13013-64190/1, 13013-64212/3		REFERENCE NO. 90999-73101, 90999-73102, 90999-73138	REFERENCE NO. 11461-64090			

Surface Treatment: Tin Coated — Bore Clearance: MRC: 0.050 mm, MP: 12.00 mm

192

2C-IV — 4 cyl.

Ø 86.00	1 - 2.0 HK	Ø 27.000					
CD 47.00	1 - 2.0	TL 58.00					
-1.8	1 - 3.0						
TL 77.00							
TEIKIN NO. 46374, 46374A	TEIKIN NO. R 46278	TEIKIN NO. P 46260					
REFERENCE NO. 13101-64190-02	REFERENCE NO. 13011-64190/1, 13011-64202/10/12/13, 13013-64190/1, 13013-64212/3						

Surface Treatment: Tin Coated, Anodized Crown, 1st Ring Anodized — Bore Clearance: MRC: 0.050 mm, MP: 12.00 mm

193

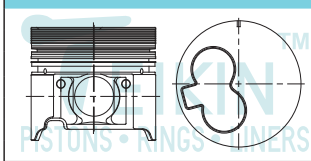
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

2C-III — 1974 cc — 4 cyl.
1983-85

Ø	86.00
CD	47.00
	-1.4
TL	77.00

RINGS	PIN	BUSHING
1 - 2.0 HK	Ø 27.000	
1 - 2.0	TL 68.00	
1 - 4.0		

	FLANGED	NO FLANGE
TL	151.0	150.0
OD	89.10	90.0
FT	4.8	
FD	91.0	
	*DIMENSION	IS FOR LSF



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46601 46601A (46284)	R 46601	P 39130	B 46112	LFF 46260 LFX 46260 LSF 46260 LSX 46260
				Surface Treatment: None
REFERENCE NO. 13101-64030	REFERENCE NO. 13011-64060 13011-64110/50 13013-64060 13013-64110/50		REFERENCE NO. 90999-73091 90999-73101	REFERENCE NO. 11461-64090

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 12.00 mm

TEIKIN NO.: LKFF 46601, LKFX 46601, LKSF 46601, LKSX 46601, LKFF 46601A, LKFX 46601A, LKSF 46601A, LKSX 46601A

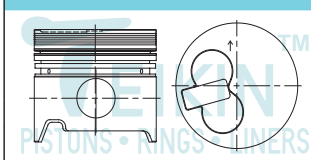
194

2CT-II — 1974 cc — 4 cyl.
CAMRY
(CV11/20) 1985-1987

Ø	86.00
CD	47.00
	-1.3
TL	77.00

RINGS	PIN	BUSHING
1 - 2.0 HK	Ø 27.000	
1 - 2.0	TL 61.00	
1 - 4.0		

	FLANGED	NO FLANGE
TL	151.0	150.0
OD	89.10	90.0
FT	4.8	
FD	91.0	
	*DIMENSION	IS FOR LSF



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46609 46609A (46293)	R 46601	P 46609	B 46260	LFF 46260 LFX 46260 LSF 46260 LSX 46260
				Surface Treatment: None
REFERENCE NO. 13101-64070 13103-64070	REFERENCE NO. 13011-64060 13011-64110/50 13013-64060 13013-64110/50		REFERENCE NO. 90999-73101 90999-73102 90999-73138	REFERENCE NO. 11461-64090

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.00 mm

TEIKIN NO.: LKFF 46609, LKFX 46609, LKSF 46609, LKSX 46609, LKFF 46609A, LKFX 46609A, LKSF 46609A, LKSX 46609A

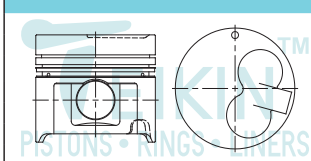
195

1DZ NEW — 2486 cc — 4 cyl.

Ø	86.00
CD	46.40
	-2.2
TL	76.30

RINGS	PIN	BUSHING
1 - 2.0 HK	Ø 27.000	
1 - 2.0	TL 68.00	
1 - 3.0		

	FLANGED	NO FLANGE
TL	180.0	175.0
OD	90.0	90.0
FT	5.0	
FD	93.0	



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46684	R 46278	P 39130	B 46654	LSF 46654 LSX 46654
				Surface Treatment: None
REFERENCE NO. 13101-78202-71 13103-78202-71 13105-78202-71	REFERENCE NO. 13011-64190/1 13011-64202/10/12/13 13013-64190/1 13013-64212/3		REFERENCE NO. 90999-73950-71	REFERENCE NO. 11461-78200-71 11461-78201-71

Surface Treatment	Bore Clearance
Tin Coated Anodized Crown 1st Ring Anodized	MRC: 0.040 mm MP: 11.00 mm

TEIKIN NO.: LKSF 46684, LKSX 46684

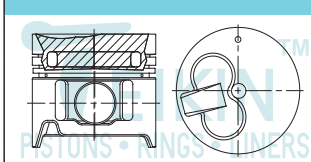
196

3C — 2184 cc — 4 cyl.

Ø	86.00
CD	42.50
	-3.2
TL	72.50

RINGS	PIN	BUSHING
1 - 2.0 HK	Ø 27.000	
1 - 2.0	TL 61.00	
1 - 3.0		

	FLANGED	NO FLANGE
TL	151.0	150.0
OD	89.10	90.0
FT	4.8	
FD	91.0	
	*DIMENSION	IS FOR LSF



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46629A 46629G 46629AG (46328)	R 46278	P 46629	B 46260	LFF 46260 LFX 46260 LSF 46260 LSX 46260
				Surface Treatment: None
REFERENCE NO. 13101-64150 13101-64151 13101-64210	REFERENCE NO. 13011-64190/1 13011-64202/10/12/13 13013-64190/1 13013-64212/3		REFERENCE NO. 90999-73101 90999-73102 90999-73138	REFERENCE NO. 11461-64090

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 11.50 mm

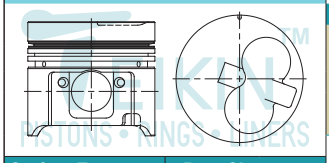
TEIKIN NO.: LKFF 46629A, LKFX 46629A, LKSF 46629A, LKSX 46629A, LKFF 46629G, LKFX 46629G, LKSF 46629G, LKSX 46629G, LKFF 46629AG, LKFX 46629AG, LKSF 46629AG, LKSX 46629AG

197

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

1DZ — 2486 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 86.00	1 - 2.0 HK	Ø 27.000		TL	180.0	175.0	TEIKIN NO.
	1 - 2.0	TL 68.00		OD	90.0	90.0	LKSF 46654A
CD 47.00				FT	5.0		LKSX 46654A
-2.3	1 - 4.0			FD	93.0		
TL 77.00							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
46654A	R 46654	P 39130	B 46654	LSF 46654 LSX 46654			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
13101-78201-71	13011-78201		90999-73950-71	11461-78200-71			
13103-78201-71				11461-78201-71			
13105-78201-71							

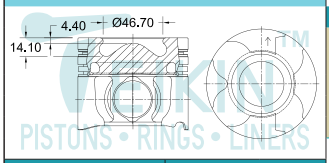


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm
Anodized Crown	MP: 10.00 mm

198

1AD-FTV — 1998 cc — AVENSIS, ADT250 — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 86.00	1 - 2.0	Ø 29.000		TL	160.0	160.0	TEIKIN NO.
	1 - 1.5	TL 69.00		OD	90.0	90.0	LKSF 46678AG
CD 48.00				FT	3.0		LKSX 46678AG
-14.1	1 - 2.0			FD	94.0		
TL 72.00							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
46678AG	R 46678	P 46678	B 46678	LSF 46678 LSX 46678			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
13101-0R030	13011-26070						
13101-0R032	13011-0R010						
	13011-0R030						

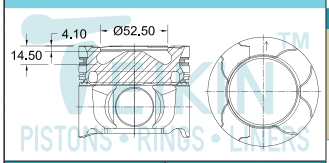


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.060 mm
	MP: 6.30 mm

199

2AD-FHV — 2231 cc — AVENSIS, IS220D, RAV4, ADT251 - ALA30 - ALF20 — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 86.00	1 - 2.0	Ø 29.000		TL	160.0	160.0	TEIKIN NO.
	1 - 1.5	TL 69.00		OD	90.0	90.0	LKSF 46679AG
CD 48.00				FT	3.0		LKSX 46679AG
-14.5	1 - 2.0			FD	94.0		
TL 72.00							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
46679AG	R 46678	P 46678	B 46678	LSF 46678 LSX 46678			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
13101-0R020/1/2	13011-26070						
	13011-0R010						
	13011-0R030						

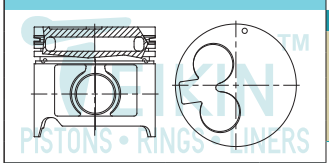


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.060 mm
	MP: 6.30 mm

200

2CT-III — 1974 cc — AVENSIS (CT220) 1998-2000 — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 86.00	1 - 2.0 HK	Ø 27.000		TL	151.0	150.0	TEIKIN NO.
	1 - 2.0	TL 66.00		OD	89.10	90.0	LKFF 46695AG
CD 47.00				FT	4.8		LKFX 46695AG
-1.4	1 - 3.0			FD	91.0		LKSF 46695AG
TL 77.00					*DIMENSION	IS FOR LSF	LKSX 46695AG
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.			
46695AG	R 46278	P 46695	B 46260	LFF 46260 LFX 46260 LSF 46260 LSX 46260			
				Surface Treatment: None			
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.			
13101-64181	13011-64190/1		90999-73101	11461-64090			
13103-64181	13011-64202/10/12/13		90999-73102				
	13013-64190/1		90999-73138				
	13013-64212/3						



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Anodized Crown	MP: 10.00 mm

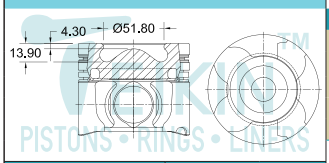
201

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

2AD-FTV — 2231 cc — 4 cyl.

AVENSIS - RAV 4
(ADT251 - ALA36)
2005-

Ø 86.00	1 - 2.0	Ø 29.000		TL	160.0	160.0	TEIKIN NO.
	1 - 1.5	TL 69.00		OD	90.0	90.0	LKSF 46696AG
CD 48.00				FT	3.0		LKSX 46696AG
-13.9	1 - 2.0			FD	94.0		
TL 72.00							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46696AG	R 46678	P 46678	B 46678	LSF 46678 LSX 46678
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13101-0R010 13101-0R012	13011-26070 13011-0R010 13011-0R030			

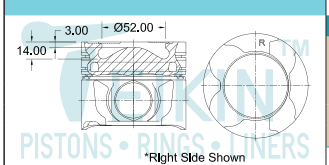
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.070 mm MP: 7.00 mm

202

1VD-FTV — 4461 cc — 8 cyl.

LAND CRUISER 2007
VDJ200

Ø 86.00	1 - 2.0	Ø 29.000		TL	160.0	160.0	TEIKIN NO.
	1 - 1.5	TL 69.00		OD	90.0	90.0	LKFX 46691AG
CD 48.00				FT	3.0		LKSF 46691AG
-14.0	1 - 2.0			FD	94.0		LKSX 46691AG
TL 72.00							



*Right Side Shown

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46691AG	R 46691	P 46678	B 46691	LFX 46691 LSF 46691 LSX 46691
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13101-0W020 (R/L) 13301-0W010	13011-51031 13011-51040			

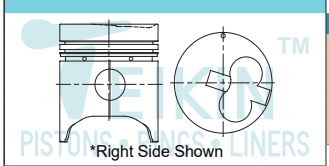
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.070 mm MP: 6.00 mm

203

2J — 2481 cc — 4 cyl.

FORKLIFT SDKB
1975
H NEW, 6 Cyl.

Ø 88.00	1 - 2.5 HK	Ø 27.000		TL	183.5		TEIKIN NO.
	1 - 2.5	TL 74.00		OD	93.0		LKFF 46226
CD 52.20				FT	2.5 + 1.0		LKSF 46226
-3.0	1 - 4.0			FD	98.0		LKFF 46226A
TL 102.20							LKSF 46226A


*Right Side Shown

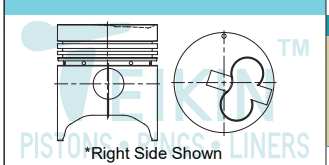
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46226 46226A	R 46226	P 46240	B 46226	LFF 46226 LSF 46226
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13101-48014/5 (R/L) 13081-48014/5	13011-48022/3/30 13015-48022/3		90999-70048 90999-73069 90999-73083	11461-47011 11461-48010 11461-48011

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 29.40 mm

204

2J-III — 4 cyl.

Ø 88.00	1 - 2.5 HK	Ø 27.000					
	2 - 2.5	TL 74.00					
CD 52.20							
-3.0	1 - 4.0						
TL 102.20							


*Right Side Shown

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46369	R 46369	P 46240
REFERENCE NO.	REFERENCE NO.	
13081-22060-71 (R/L)	13011-48013 13011-48021 13015-48021	

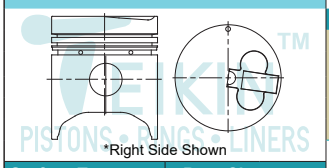
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 29.40 mm

205

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

H-II — 3576 cc — 6 cyl.

Ø 88.00	1 - 2.5 HK 1 - 2.5 1 - 4.0	Ø 27.000 TL 74.00		TL 183.5 OD 93.0 FT 2.5 + 1.0 FD 98.0	TEIKIN NO. LKFF 46316 LKSF 46316
CD 52.20 -3.0 TL 102.20					



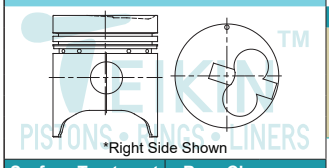
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46316 (46617)	R 46316	P 46240	B 46316	LFF 46316 LSF 46316 Surface Treatment: None
REFERENCE NO. 13081-47012(R/L) 13081-47013 13101-47012 13101-47013	REFERENCE NO. 13011-47022/3 13015-47022/3		REFERENCE NO. 90999-70048 90999-73069 90999-73083	REFERENCE NO. 11461-47011 11461-48010 11461-48011

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 29.20 mm

206

H NEW — 2481 cc — 6 cyl.

Ø 88.00	1 - 2.5 HK 1 - 2.5 1 - 4.0	Ø 27.000 TL 74.00		TL 183.5 OD 93.0 FT 2.5 + 1.0 FD 98.0	TEIKIN NO. LKFF 46226-6 LKSF 46226-6 LKFF 46226A-6 LKSF 46226A-6
CD 52.20 -3.0 TL 102.20					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46226-6 46226A-6	R 46226-6	P 46240	B 46316	LFF 46226 LSF 46226 Surface Treatment: None
REFERENCE NO. 13101-48014/5 (R/L) 13081-48014/5	REFERENCE NO. 13011-48022/3/30 13015-48022/3		REFERENCE NO. 90999-70048 90999-73069 90999-73083	REFERENCE NO. 11461-47011 11461-48010 11461-48011

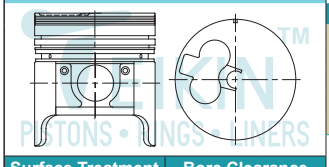
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 29.40 mm

207

L OLD, LN30 — 2188 cc — 4 cyl.

HI-ACE, HILUX
1977

Ø 90.00	1 - 2.5 1 - 2.0 1 - 4.0	Ø 27.000 TL 74.00		TL 160.5 OD 94.0 FT 3.5 + 1.2 FD 101.0	TEIKIN NO. LKFF 46234 LKSF 46234
CD 52.20 -1.5 TL 99.15					



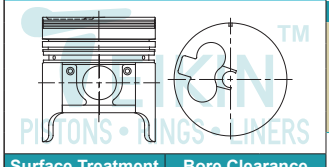
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46234	R 46234	P 46240	B 46226	LFF 46234 LSF 46234 Surface Treatment: None
REFERENCE NO. 13101-54010 13101-54012	REFERENCE NO. 13011-54010 13011-54020 13011-54021 13013-54020		REFERENCE NO. 90999-70048 90999-73069 90999-73083	REFERENCE NO. 11461-54010

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 26.00 mm

208

L NEW, LN50 — 2188 cc — 4 cyl.

Ø 90.00	1 - 2.0 HK 1 - 2.0 1 - 4.0	Ø 27.000 TL 74.00		TL 160.5 OD 94.0 FT 3.5 + 1.2 FD 101.0	TEIKIN NO. LKFF 46236 LKSF 46236
CD 52.20 -1.5 TL 99.15					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46236	R 46236	P 46240	B 46226	LFF 46234 LSF 46234 Surface Treatment: None
REFERENCE NO. 13101-54040 13101-54031	REFERENCE NO. 13011-54030/1 13011-54040/1/2 13011-54080 13013-54040/1		REFERENCE NO. 90999-70048 90999-73069 90999-73083	REFERENCE NO. 11461-54010

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 26.00 mm

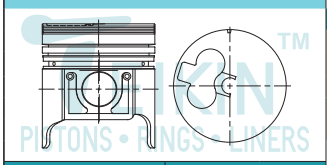
209

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

L NEW-II — 2188 cc — 4 cyl.

CROWN DIESEL
1981

Ø 90.00	1 - 2.0 HK	Ø 27.000		TL 160.5	TEIKIN NO.
CD 52.20	1 - 2.0	TL 74.00		OD 94.0	LKFF 46238
-1.4	1 - 4.0			FT 3.5 + 1.2	LKSF 46238
TL 99.20				FD 101.0	



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46238	R 46236	P 46240	B 46226	LFF 46234 LSF 46234
				Surface Treatment: None
REFERENCE NO. 13101-54020 13101-54021	REFERENCE NO. 13011-54030/1 13011-54040/1/2 13011-54080 13013-54040/1		REFERENCE NO. 90999-70048 90999-73069 90999-73083	REFERENCE NO. 11461-54010

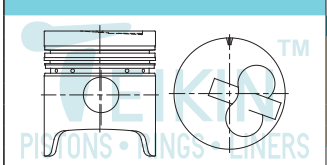
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 25.00 mm

210

2H — 3980 cc — 6 cyl.

1982

Ø 91.00	1 - 2.5 HK	Ø 29.000		TL 183.5	TEIKIN NO.
CD 52.20	1 - 2.5	TL 75.00		OD 95.0	LKFF 46231
-3.0	1 - 4.0			FT 2.5 + 1.0	LKSF 46231
TL 102.20				FD 101.0	LKFF 46231A
					LKSF 46231A



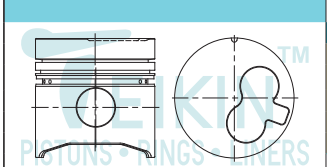
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46231 46231A	R 46231	P 43171	B 46231	LFF 46231 LSF 46231
				Surface Treatment: None
REFERENCE NO. 13101-68010 13081-68010	REFERENCE NO. 13011-68010 13011-68020 13011-96601 13013-68020		REFERENCE NO. 90999-73087	REFERENCE NO. 11461-68010

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 28.75 mm

211

2H LATE — 3980 cc — 6 cyl.

Ø 91.00	1 - 2.5 HK	Ø 29.000		TL 183.5	TEIKIN NO.
CD 52.20	1 - 2.5	TL 74.00		OD 95.0	LKFF 46611
-1.6	1 - 4.0			FT 2.5 + 1.0	LKSF 46611
TL 90.10				FD 101.0	LKFF 46611A
					LKSF 46611A



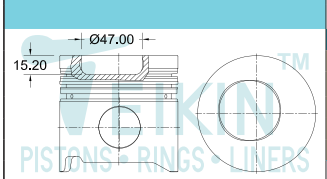
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46611 46611A (46302)	R 46231	P 46256	B 46231	LFF 46231 LSF 46231
				Surface Treatment: None
REFERENCE NO. 13101-68011	REFERENCE NO. 13011-68010 13011-68020 13011-96601 13013-68020		REFERENCE NO. 90999-73087	REFERENCE NO. 11461-68010

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 25.00 mm

212

12H-T — 3980 cc — 6 cyl.

Ø 91.00	1 - 2.5 HK	Ø 32.000		TL 183.5	TEIKIN NO.
CD 56.30	1 - 2.5	TL 76.00		OD 95.0	LKFF 46624
-15.2	1 - 4.0			FT 2.5 + 1.0	LKSF 46624
TL 91.30				FD 101.0	LKFF 46624A
					LKSF 46624A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46624 46624A (46291)	R 46624	P 46613	B 46624	LFF 46231 LSF 46231
				Surface Treatment: None
REFERENCE NO. 13101-68020	REFERENCE NO. 13011-68030 13013-68030		REFERENCE NO. 90999-73108	REFERENCE NO. 11461-68010

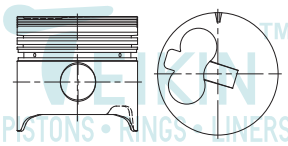
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.00 mm

213

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

2L — 2466 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 92.00	1 - 2.0 HK	Ø 27.000		TL 160.5	160.5	TEIKIN NO.
	1 - 2.0	TL 74.00		OD 96.0	96.0	LKFF 46240
CD 49.20				FT 3.5 + 1.0		LKSF 46240
-1.5	1 - 4.0			FD 100.7		LKSX 46240
TL 86.15						LKFF 46240A
						LKSF 46240A
						LKSX 46240A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
46240	R 46240	P 46240	B 46226	LFF 46240		
46240A				LSF 46240		
				LSX 46240		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
13101-54060	13011-54040/60/61/62		90999-70048	11461-54030		
	13011-54090/100		90999-73069	11461-54060		
	13013-54060/1/2/100		90999-73083			
	13014-54100					

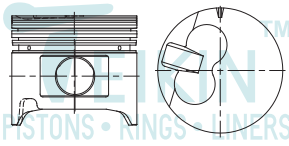


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm
	MP: 17.00 mm

214

2L-II, 2L LATE — 2466 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 92.00	1 - 2.0 HK	Ø 27.000		TL 160.5	160.5	TEIKIN NO.
	1 - 2.0	TL 70.00		OD 96.0	96.0	LKFF 46261
CD 44.30				FT 3.5 + 1.0		LKSF 46261
-2.4	1 - 4.0			FD 100.7		LKSX 46261
TL 80.30						LKFF 46261A
						LKSF 46261A
						LKSX 46261A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
46261	R 46240	P 46261	B 46261	LFF 46240		
46261A				LSF 46240		
				LSX 46240		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
13101-54070	13011-54040/60/61/62		90999-73114	11461-54030		
	13011-54090/100			11461-54060		
	13013-54060/1/2/100					
	13014-54100					

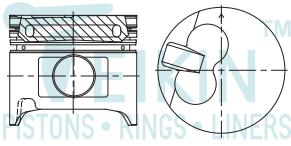


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm
	MP: 16.00 mm

215

2LT LATE — 2466 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 92.00	1 - 2.0 HK	Ø 29.000		TL 160.5	160.5	TEIKIN NO.
	1 - 2.0	TL 74.00		OD 96.0	96.0	LKFF 46600
CD 44.30				FT 3.5 + 1.0		LKSF 46600
-2.6	1 - 4.0			FD 100.7		LKSX 46600
TL 80.30						LKFF 46600A
						LKSF 46600A
						LKSX 46600A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		LKFF 46600G
46600	R 46240	P 46256	B 46256	LFF 46240		LKSF 46600G
46600A				LSF 46240		LKSX 46600G
46600G				LSX 46240		LKFF 46600AG
46600AG				Surface Treatment		LKSF 46600AG
(46298)				None		LKSX 46600AG
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
13101-54090	13011-54040/60/61/62		90999-73115	11461-54030		
13101-54091	13011-54090/100			11461-54060		
13101-54111	13013-54060/1/2/100					
	13014-54100					

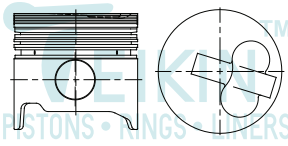


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm
	MP: 16.00 mm

216

2L-T, 2L-THE, 2L-TE — 2466 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 92.00	1 - 2.0 HK	Ø 29.000		TL 160.5	160.5	TEIKIN NO.
	1 - 2.0	TL 74.00		OD 96.0	96.0	LKFF 46602
CD 49.20				FT 3.5 + 1.0		LKSF 46602
-3.7	1 - 4.0			FD 100.7		LKSX 46602
TL 86.20						LKFF 46602A
						LKSF 46602A
						LKSX 46602A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
46602	R 46240	P 46256	B 46602	LFF 46240		
46602A				LSF 46240		
(46285)				LSX 46240		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
13101-54080	13011-54040/60/61/62		90999-73094	11461-54030		
13101-54050	13011-54090/100		90999-73118	11461-54060		
13101-54030	13013-54060/1/2/100					
13013-54030	13014-54100					



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm
	MP: 18.00 mm

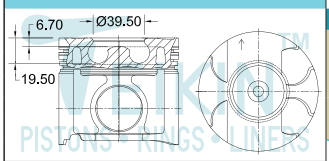
217

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

2KD - FTV — 2494 cc — 4 cyl.

FORTUNER
HILUX
HIACE

Ø 92.00	1 - 2.0	Ø 34.000		TL	170.0	165.0	TEIKIN NO.
	1 - 1.5	TL 65.00		OD	96.0	96.0	LKFF 46348A
CD 54.20				FT	4.5		LKSF 46348A
-19.5	1 - 3.0			FD	101.0		LKSX 46348A
TL 82.20							LKFF 46348AG
							LKSF 46348AG
							LKSX 46348AG



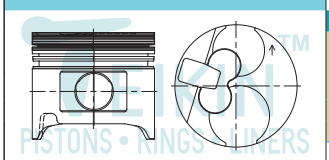
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46348A 46348AG	R 46348	P 46348	B 46348	LFF 46348 LSF 46348 LSX 46348
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13101-0L020-01 13101-0L022 13101-30030 13101-30031	13011-30030/1 13011-0L020/40 13011-30060/80 13013-30030/1		90999-73145	11461-30031

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 6.00 mm

218

2LT NEW-II — 2466 cc — 4 cyl.

Ø 92.00	1 - 2.0 HK	Ø 27.000		TL	160.5	160.5	TEIKIN NO.
	1 - 2.0	TL 70.00		OD	96.0	96.0	LKFF 46351A
CD 44.30				FT	3.5 + 1.0		LKSF 46351A
-3.0	1 - 4.0			FD	100.7		LKSX 46351A
TL 80.30							



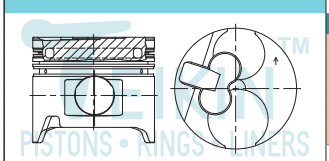
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46351A	R 46240	P 46261	B 46261	LFF 46240 LSF 46240 LSX 46240
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13101-54130-02	13011-54040/60/61/62 13011-54090/100 13013-54060/1/2/100 13014-54100		90999-73114	11461-54030 11461-54060

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 16.00 mm

219

2LT NEW — 2466 cc — 4 cyl.

Ø 92.00	1 - 2.0 HK	Ø 29.000		TL	160.5	160.5	TEIKIN NO.
	1 - 2.0	TL 74.00		OD	96.0	96.0	LKFF 46389AG
CD 44.30				FT	3.5 + 1.0		LKSF 46389AG
-2.5	1 - 4.0			FD	100.7		LKSX 46389AG
TL 80.30							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46389AG	R 46240	P 46256	B 46256	LFF 46240 LSF 46240 LSX 46240
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13101-54140-01 13101-54141	13011-54040/60/61/62 13011-54090/100 13013-54060/1/2/100 13014-54100		90999-73115	11461-54030 11461-54060

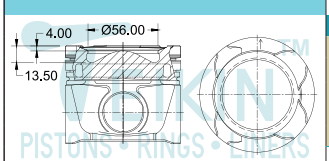
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 16.00 mm

220

2GD FTV — 2393 cc — 4 cyl.

NEW INNOVA DIESEL
2016
HILUX

Ø 92.00	1 - 2.0 HK	Ø 31.000		TL	170.0	165.0	TEIKIN NO.
	1 - 1.5	TL 68.00		OD	96.0	96.0	LKFF 46392AG
CD 53.20				FT	4.5		LKSF 46392AG
-13.5	1 - 3.0			FD	101.0		LKSX 46392AG
TL 78.20							



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.
46392AG	R 46392	P 46680		LFF 46348 LSF 46348 LSX 46348
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.
13101-0E010-01 13101-0E010-02 13101-11180	13011-0E010 13011-0E020 13011-0L070 13011-11200			11461-30031

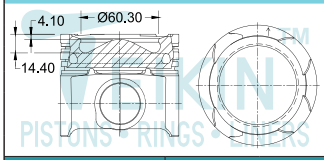
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 5.00 mm

221

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

1GD-FTV — 2754 cc — 4 cyl.

NEW FORTUNER DIESEL 2016
LAND CRUISER PRADO



Surface Treatment	Bore Clearance
Chromated	MRC: 0.030 mm
Moly Skirt	MP: 7.50 mm

PISTON SET

Ø 92.00

CD 53.20
-14.4
TL 78.20

TEIKIN NO.: 46393AG

REFERENCE NO.:
13101-0E020-02
13101-11190

RINGS

1 - 2.0 HK
1 - 1.5
1 - 3.0

TEIKIN NO.: R 46392

REFERENCE NO.:
13011-0E010
13011-0E020
13011-0L070
13011-11200

PIN

Ø 31.000
TL 68.00

TEIKIN NO.: P 46680

BUSHING

LINER FLANGED

TL 178.0
OD 96.0
FT 4.5
FD 96.0

TEIKIN NO.: LSF 46393, LSX 46393

Surface Treatment: None

REFERENCE NO.:

LINER NO FLANGE

178.0
96.0

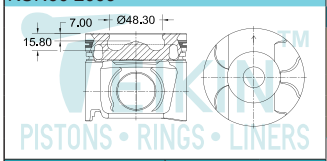
LINER KIT SET

TEIKIN NO.:
LKSF 46393AG
LKSX 46393AG

222

2KD-FTV-IV — 2494 cc — 4 cyl.

FORTUNER (2011-2016)
HILUX (2008-2016)
KUN25
KUN35
KUN60 2009-



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.070 mm
	MP: 12.00 mm

PISTON SET

Ø 92.00

CD 54.20
-15.8
TL 82.20

TEIKIN NO.: 46711AG

REFERENCE NO.:
13101-30140
13103-0L070
13101-0L070-02

RINGS

1 - 2.0 HK
1 - 1.5
1 - 3.0

TEIKIN NO.: R 46392

REFERENCE NO.:
13011-0E020
13011-0E010
13011-0L070
13011-11200

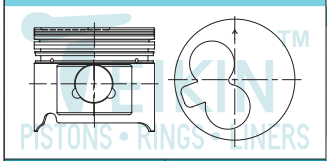
PIN

Ø 34.000
TL 65.00

TEIKIN NO.: P 46348

223

1HZ, 1PZ — 4163 cc — 6 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm
	MP: 9.80 mm

PISTON SET

Ø 94.00

CD 43.60
-1.4
TL 80.60

TEIKIN NO.: 46257, 46257A

REFERENCE NO.:
13101-17010
13101-17100

RINGS

1 - 2.0 HK
1 - 2.0
1 - 4.0

TEIKIN NO.: R 46257

REFERENCE NO.:
13011-17010/1/20/30
13013-17010/1/20/30

PIN

Ø 29.000
TL 65.00

TEIKIN NO.: P 46257

BUSHING

TEIKIN NO.: B 46257

REFERENCE NO.: 90999-73126

LINER FLANGED

TL 168.0
OD 98.0
FT 2.5
FD 103.0

TEIKIN NO.: LFF 46257, LFX 46257, LSF 46257, LSX 46257

Surface Treatment: None

REFERENCE NO.: 11461-17010

LINER NO FLANGE

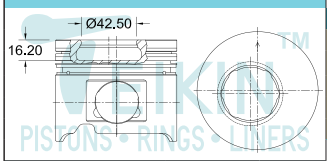
168.0
98.0

LINER KIT SET

TEIKIN NO.:
LKFF 46257
LKFX 46257
LKSF 46257
LKSX 46257
LKFF 46257A
LKFX 46257A
LKSF 46257A
LKSX 46257A

224

1HD-T LATE — 4163 cc — 6 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 10.00 mm

PISTON SET

Ø 94.00

CD 49.70
-16.2
TL 80.70

TEIKIN NO.: 46268, 46268A

REFERENCE NO.: 13101-17040

RINGS

1 - 2.0 HK
1 - 2.0
1 - 4.0

TEIKIN NO.: R 46257

REFERENCE NO.:
13011-17010/1/20/30
13013-17010/1/20/30

PIN

Ø 33.010
TL 73.00

TEIKIN NO.: P 46268

BUSHING

TEIKIN NO.: B 46268

REFERENCE NO.:
90999-73127
90999-73137

LINER FLANGED

TL 168.0
OD 98.0
FT 2.5
FD 103.0

TEIKIN NO.: LFF 46257, LFX 46257, LSF 46257, LSX 46257

Surface Treatment: None

REFERENCE NO.: 11461-17010

LINER NO FLANGE

168.0
98.0

LINER KIT SET

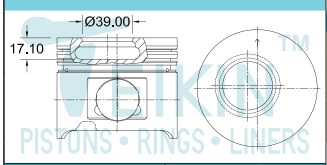
TEIKIN NO.:
LKFF 46268
LKFX 46268
LKSF 46268
LKSX 46268
LKFF 46268A
LKFX 46268A
LKSF 46268A
LKSX 46268A

225

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

1HD-T-II — 4163 cc — 6 cyl.

Ø 94.00	1 - 2.0 HK	Ø 33.010		TL 168.0	168.0	TEIKIN NO.
CD 49.80	1 - 2.0	TL 73.00		OD 98.0	98.0	LKFF 46325
-17.1				FT 2.5		LKFX 46325
TL 80.80	1 - 4.0			FD 103.0		LKSF 46325
						LKSX 46325
						LKFF 46325A
						LKFX 46325A
						LKSF 46325A
						LKSX 46325A



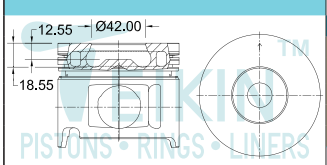
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46325	R 46257	P 46268	B 46268	LFF 46257
46325A				LFX 46257
				LSF 46257
				LSX 46257
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13101-17020	13011-17010/1/20/30		90999-73127	11461-17010
13101-17060	13013-17010/1/20/30		90999-73137	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 10.00 mm

226

1HD-FT — 4163 cc — 6 cyl.

Ø 94.00	1 - 2.0 HK	Ø 33.010		TL 168.0	168.0	TEIKIN NO.
CD 49.40	1 - 2.0	TL 73.00		OD 98.0	98.0	LKFF 46362AG
-18.5				FT 2.5		LKFX 46362AG
TL 80.40	1 - 4.0			FD 103.0		LKSF 46362AG
						LKSX 46362AG



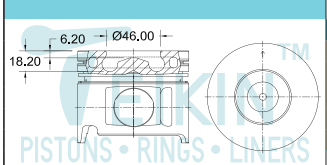
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46362AG	R 46257	P 46268	B 46268	LFF 46257
				LFX 46257
				LSF 46257
				LSX 46257
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13101-17091-01	13011-17010/1/20/30		90999-73127	11461-17010
13101-17090	13013-17010/1/20/30		90999-73137	
13101-17080				

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm
	MP: 11.00 mm

227

1HD-FTE — 4164 cc — 6 cyl.

Ø 94.00	1 - 2.0	Ø 33.000		TL 168.0	168.0	TEIKIN NO.
CD 49.40	1 - 1.5	TL 73.00		OD 98.0	98.0	LKFF 46674AG
-18.2				FT 2.5		LKFX 46674AG
TL 80.40	1 - 4.0			FD 103.0		LKSF 46674AG
						LKSX 46674AG



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46674AG	R 46674	P 46674	B 46268	LFF 46257
				LFX 46257
				LSF 46257
				LSX 46257
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13101-17110	13011-17040		90999-73127	11461-17010
13103-17110	13013-17040		90999-73137	
	13014-17040			

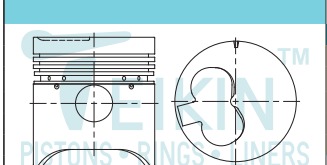
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm
	MP: 10.00 mm

228

B, BU-15 — 2977 cc — 4 cyl.

B OLD DYNA 1972

Ø 95.00	3 - 2.5	Ø 29.000		TL 190.0		TEIKIN NO.
CD 52.15		TL 79.00		OD 100.0		LKFF 46123
-2.4	1 - 4.5			FT 2.5 + 1.2		LKSF 46123
TL 101.15				FD 107.6		



TEIKIN NO.		TEIKIN NO.		TEIKIN NO.
46123		P 46123		LFF 46308
				LSF 46308
				Surface Treatment: None
REFERENCE NO.				REFERENCE NO.
13081-56010				11461-56010

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm
	MP: 23.60 mm

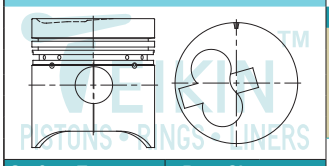
229

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

B, BU-30 — 2977 cc — 4 cyl.

B NEW

Ø 95.00	1 - 2.5 HK	Ø 29.000		TL 190.0	TEIKIN NO.
	1 - 2.5	TL 79.00		OD 102.0	LKFF 46124
CD 52.20				FT 2.5 + 1.0	LKSF 46124
-3.6	1 - 4.5			FD 107.6	LKFF 46124A
TL 101.20					LKSF 46124A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46124	R 46124	P 46123	B 46124	LFF 46124
46124A				LSF 46124
				Surface Treatment: None

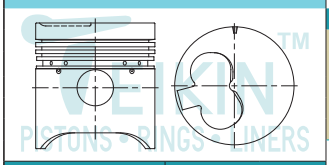
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13101-56020	13011-56012/3		90999-73065	11461-56020
13101-56021	13011-56021/2/30		90999-73121	
13101-56030	13015-56012/3		90999-73131	
13101-56031				
13101-56013				

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm
	MP: 23.50 mm

230

BU 15-II — 3000 cc — 4 cyl.

Ø 95.00	1 - 2.5 HK	Ø 29.000			
	2 - 2.5	TL 79.00			
CD 52.15					
-2.4	1 - 4.5				
TL 101.15					



TEIKIN NO.		TEIKIN NO.		
46265		P 46123		

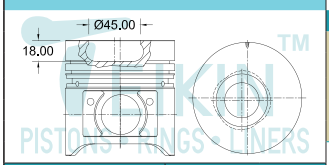
REFERENCE NO.
13101-56032

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm
	MP: 23.60 mm

231

11B — 2977 cc — 4 cyl.

Ø 95.00	2 - 2.5	Ø 34.000		TL 190.0	TEIKIN NO.
		TL 76.00		OD 99.0	LKFF 46287
CD 63.40				FT 2.5 + 1.0	LKSF 46287
-18.0	1 - 4.5			FD 104.6	LKFF 46287A
TL 98.40					LKSF 46287A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46287	R 46124	P 46287	B 46130	LFF 46287
46287A				LSF 46287
				Surface Treatment: None

REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13101-56042	13011-56012/3		90999-73099	11461-56030
13101-56041	13011-56021/2/30			11462-56060
	13015-56012/3			

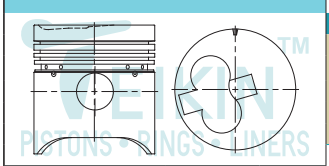
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm
	MP: 13.00 mm

232

BU-30-II — 2977 cc — 4 cyl.

B NEW-II

Ø 95.00	1 - 2.5 HK	Ø 29.000		TL 190.0	TEIKIN NO.
	2 - 2.5	TL 79.00		OD 100.0	LKFF 46308
CD 52.30				FT 2.5 + 1.2	LKSF 46308
-3.7	1 - 4.5			FD 107.6	
TL 101.30					



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46308	R 46308	P 46123	B 46124	LFF 46308
				LSF 46308
				Surface Treatment: None

REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13081-56011	13011-56011		90999-73065	11461-56010
	1305-56011		90999-73121	
			90999-73131	

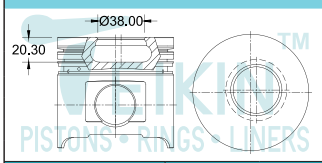
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm
	MP: 23.50 mm

233

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

11B-II — 2977 cc — 4 cyl.

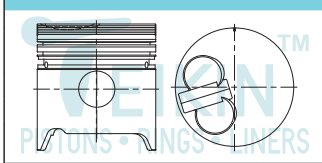
Ø 95.00						
CD 55.30 / -20.3 / TL 90.30	1 - 2.5 HK 1 - 2.0 1 - 4.0	Ø 32.000 TL 72.00		TL 190.0 OD 99.0 FT 2.5 + 1.0 FD 104.6		TEIKIN NO. LKFF 46608 LKSF 46608 LKFF 46608A LKSF 46608A
TEIKIN NO. 46608 46608A (46295)	TEIKIN NO. R 46608	TEIKIN NO. P 46254	TEIKIN NO. B 46254	TEIKIN NO. LFF 46287 LSF 46287 Surface Treatment None		
REFERENCE NO. 13101-56060	REFERENCE NO. 13011-56040/1 13013-56040 13014-56040 13015-56040		REFERENCE NO. 90999-73116 90999-73124	REFERENCE NO. 11461-56030 11462-56060		234



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 14.00 mm

B LATE — 2977 cc — 4 cyl.

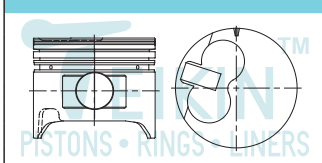
Ø 95.00						
CD 52.20 / -4.4 / TL 101.20	1 - 2.5 HK 1 - 2.0 1 - 4.0	Ø 29.000 TL 74.00		TL 190.0 OD 102.0 FT 2.5 + 1.0 FD 107.6		TEIKIN NO. LKFF 46626 LKSF 46626 LKFF 46626A LKSF 46626A
TEIKIN NO. 46626 46626A (46304)	TEIKIN NO. R 46608	TEIKIN NO. P 46256	TEIKIN NO. B 46124	TEIKIN NO. LFF 46124 LSF 46124 Surface Treatment None		
REFERENCE NO. 13101-56050	REFERENCE NO. 13011-56040/1 13013-56040 13014-56040 13015-56040		REFERENCE NO. 90999-73065 90999-73121 90999-73131	REFERENCE NO. 11461-56020		235



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 24.00 mm

3L — 2779 cc — 1988 — 4 cyl.

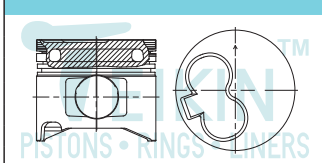
Ø 96.00						
CD 42.40 / -2.3 / TL 80.35	1 - 2.0 HK 1 - 2.0 1 - 4.0	Ø 29.000 TL 74.00		TL 190.0 OD 100.0 FT 2.5 + 1.0 FD 107.65	190.0 100.0	TEIKIN NO. LKFF 46256 LKSF 46256 LKSX 46256 LKFF 46256A LKSF 46256A LKSX 46256A
TEIKIN NO. 46256 46256A	TEIKIN NO. R 46256	TEIKIN NO. P 46256	TEIKIN NO. B 46256	TEIKIN NO. LFF 46256 LSF 46256 LSX 46256 Surface Treatment None		
REFERENCE NO. 13101-54101 13101-54100	REFERENCE NO. 13011-54120 13013-54120		REFERENCE NO. 90999-73115	REFERENCE NO. 11461-54090 11461-54100		236



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 18.00 mm

1KZ-TE, 1KZ — 2982 cc — 4 cyl.

Ø 96.00						
CD 45.70 / -2.2 / TL 80.70	1 - 2.0 HK 1 - 2.0 1 - 3.0	Ø 34.000 TL 73.00		TL 170.0 OD 99.0 FT 5.0 FD 105.0		TEIKIN NO. LKFF 46283 LKSF 46283 LKFF 46283A LKSF 46283A LKFF 46283G LKSF 46283G LKFF 46283AG LKSF 46283AG
TEIKIN NO. 46283 46283A 46283G 46283AG	TEIKIN NO. R 46283	TEIKIN NO. P 46283	TEIKIN NO. B 46283	TEIKIN NO. LFF 46283 LSF 46283 Surface Treatment None		
REFERENCE NO. 13101-67030	REFERENCE NO. 13011-67030 13013-67030 13014-67030 13015-67030		REFERENCE NO. 90999-73136 90999-73143	REFERENCE NO.		237

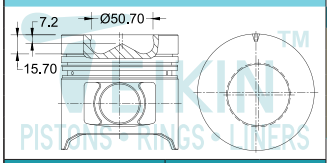


Surface Treatment	Bore Clearance
Tin Coated Anodized Crown	MRC: 0.030 mm MP: 14.00 mm

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

1Z — 2953 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 96.00	2 - 2.0	Ø 32.000		TL 182.5		TEIKIN NO.
		TL 76.00		OD 100.0		LKFF 46613
CD 56.50				FT 8.0		LKSF 46613
-15.7	1 - 4.0			FD 105.8		LKFF 46613A
TL 94.40						LKSF 46613A
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
46613	R 46613	P 46613	B 46613	LFF 46613		
46613A				LSF 46613		
(46306)				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
13101-78300	13011-78300		90384-32950-71	11461-78360-71		
13101-96300			90384-32951-71	11461-78300-71		
				11461-78301-71		

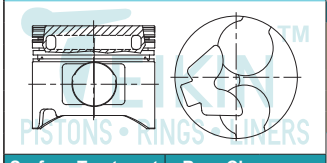


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm
	MP: 16.00 mm

238

1KZ-TE NEW — 2982 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 96.00	1 - 2.0 HK	Ø 34.000		TL 170.0		TEIKIN NO.
	1 - 2.0	TL 73.00		OD 99.0		LKFF 46671AG
CD 45.80				FT 5.0		LKSF 46671AG
-2.6	1 - 3.0			FD 105.0		
TL 80.70						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
46671AG	R 46283	P 46283	B 46283	LFF 46283		
				LSF 46283		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
13101-67050	13011-67030		90999-73136			
	13013-67030		90999-73143			
	13014-67030					
	13015-67030					

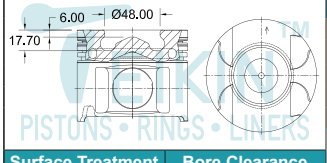


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm
Anodized Crown	MP: 14.00 mm

239

1KD-FTV — 2982 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 96.00	1 - 2.0 HK	Ø 34.000		TL 170.0	170.0	TEIKIN NO.
	1 - 1.5	TL 73.00		OD 99.0	99.0	LKFF 46675AG
CD 49.70				FT 5.0		LKSF 46675AG
-17.7	1 - 3.0			FD 105.0		LKSX 46675AG
TL 77.70						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
46675AG	R 46675	P 46283	B 46675	LFF 46675		
				LSF 46675		
				LSX 46675		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
13101-30020	13011-30020/1/2		90999-73143			
13103-30020	13011-30040/50/51					
13104-30020	13013-30020/1/2					
13105-30020	13013-30051					



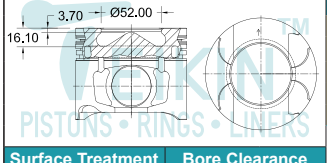
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm
Anodized Crown	MP: 5.00 mm

240

1KD-FTV-II — 2982 cc — 4 cyl.

LAND CRUISER
2004-2006

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 96.00	1 - 2.0 HK	Ø 34.000		TL 170.0	170.0	TEIKIN NO.
	1 - 1.5	TL 73.00		OD 99.0	99.0	LKFF 46686AG
CD 49.70				FT 5.0		LKSF 46686AG
-16.1	1 - 3.0			FD 105.0		LKSX 46686AG
TL 78.50						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		
46686AG	R 46675	P 46283	B 46675	LFF 46675		
				LSF 46675		
				LSX 46675		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.		
13101-30060	13011-30020/1/2		90999-73143			
13103-30060	13011-30040/50/51					
13104-30060	13013-30020/1/2					
13105-30060	13013-30051					



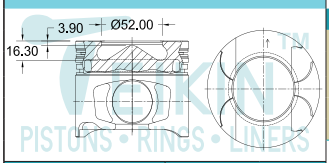
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.050 mm
	MP: 7.50 mm

241

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

1KD-FTV-III — 2982 cc — 4 cyl.

HILUX - LAND CRUISER PRADO (KDJ12/15 - KUN26) 2009 -
LAND CRUISER PRADO (2013 -) (KDJ150, KUN26) 2013 -

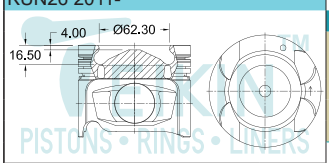


Surface Treatment	Bore Clearance
Chromated	MRC: 0.03 mm
Moly Skirt	MP: 7.50 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 96.00	1 - 2.0 HK	Ø 34.000		TL	170.0	170.0	TEIKIN NO.
	1 - 1.5	TL 73.00		OD	99.0	99.0	LKFF 46698AG
CD 49.60				FT	5.0		LKSF 46698AG
-16.3	1 - 3.0			FD	105.0		LKSX 46698AG
TL 78.50							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
46698AG	R 46675	P 46283	B 46675		LFF 46675 LSF 46675 LSX 46675		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
13101-30150 13103-30150 13104-30150 13105-30150 13213-0W110 13101-30200-02 13103-30200 13104-30200 13105-30200	13011-30020/1/2 13011-30040/50/51 13013-30020/1/2 13013-30051		90999-73143				242

1KD-FTV-IV — 2982 cc — 4 cyl.

DYNA
HILUX
LAND CRUISER PRADO
KDJ15, KDY221/231/251/261
KUN26 2011-

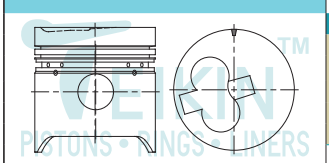


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.060 mm
	MP: 12.00 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 96.00	1 - 2.0 HK	Ø 34.000		TL	170.0	170.0	TEIKIN NO.
	1 - 1.5	TL 73.00		OD	99.0	99.0	LKFF 46127
CD 49.60				FT	5.0		LKSF 46127
-16.5	1 - 3.0			FD	105.0		
TL 78.50					*DIMENSION IS FOR LSF		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
46710AG	R 46675	P 46283	B 46675		LFF 46675 LSF 46675 LSX 46675		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
13101-30170 13103-30170 13104-30170 13105-30170	13011-30020/1/2 13011-30040/50/51 13013-30020/1/2 13013-30051		90999-73143				244

2B — 3168 cc — 4 cyl.

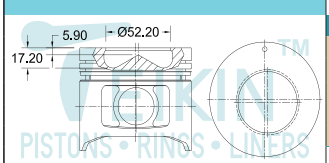
1977



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm
	MP: 23.50 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 98.00	1 - 2.5 HK	Ø 29.000		TL	190.0		TEIKIN NO.
	1 - 2.5	TL 79.00		OD	102.0		LKFF 46127
CD 52.20				FT	2.5 + 1.0		LKSF 46127
-3.5	1 - 4.5			FD	107.6		
TL 101.10							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
46127	R 46127	P 46123	B 46124		LFF 46127 LSF 46127		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
13101-57011 13101-57020 13101-57022	13011-57010		90999-73065 90999-73121 90999-73131		11461-57010		244

2Z NEW — 3469 cc — 4 cyl.



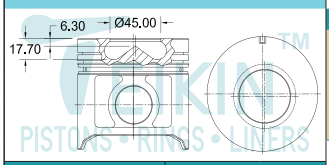
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.040 mm
	MP: 16.00 mm

PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 98.00	2 - 2.0	Ø 32.000		TL	181.5		TEIKIN NO.
		TL 77.00		OD	101.0		LKFF 46682
CD 49.90				FT	5.0		LKSF 46682
-17.2	1 - 4.0			FD	107.0		
TL 87.90							
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
46682	R 46682	P 46682	B 46613		LFF 46682 LSF 46682		
					Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.		REFERENCE NO.		
13101-78702	13011-78700 13011-78701 13011-78760		90384-32950-71 90384-32951-71		11461-78400 11461-78700		245

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

13Z — 5244 cc — 6 cyl.

Ø 98.00	2 - 2.0	Ø 32.000		TL 181.5		TEIKIN NO.
CD 56.50		TL 77.00		OD 101.0		LKFF 46685
-17.7	1 - 4.0			FT 5.0		LKSF 46685
TL 94.40				FD 107.0		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46685	R 46685	P 46682	B 46685	LFF 46685 LSF 46685
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13101-78761	13011-78700 13011-78701 13011-78760		90384-32950 90384-32951	11461-78700

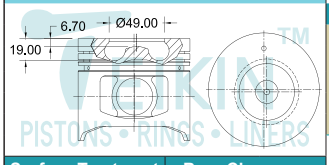
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 16.00 mm

246

14Z — 5204 cc — 6 cyl.

(5FD50/60/70 ~ 7FD35/40/45) 2003-

Ø 98.00	2 - 2.0	Ø 32.000		TL 181.5		TEIKIN NO.
CD 50.00		TL 77.00		OD 101.0		LKFF 46699
-19.0	1 - 4.0			FT 5.0		LKSF 46699
TL 88.00				FD 107.0		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46699	R 46685	P 46682	B 46685	LFF 46685 LSF 46685
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13101-78781-71 13103-78781-71 13105-78781-71	13011-78700 13011-78701 13011-78760		90384-32950 90384-32951	11461-78700

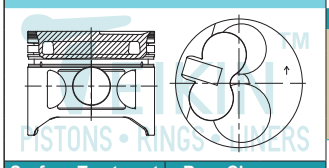
Surface Treatment	Bore Clearance
Tin Coated Anodized Crown	MRC: 0.070 mm MP: 17.00 mm

247

5L — 2986 cc — 4 cyl.

1997

Ø 99.50	1 - 2.0 HK	Ø 29.000		TL 155.0	155.0	TEIKIN NO.
CD 42.30	1 - 1.5	TL 74.00		OD 103.5	103.5	LKFF 46273
-2.4	1 - 4.0			FT 4.0		LKFX 46273
TL 80.30				FD 106.5		LKSF 46273
				*DIMENSION IS FOR LSF		LKSX 46273



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46273 46273A 46273G 46273AG	R 46273	P 46256	B 46256	LFF 46273 LFX 46273 LSF 46273 LSX 46273
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13101-54120	13011-54130 13013-54130		90999-73115	11461-54120

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.00 mm

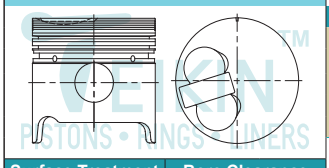
LKFF 46273A
LKFX 46273A
LKSF 46273A
LKSX 46273A
LKFF 46273G
LKFX 46273G
LKSF 46273G
LKSX 46273G
LKFF 46273AG
LKFX 46273AG
LKSF 46273AG
LKSX 46273AG

248

3B — 3431 cc — 4 cyl.

1981

Ø 102.00	1 - 2.5 HK	Ø 32.000		TL 187.5	196.0	TEIKIN NO.
CD 52.20	1 - 2.5	TL 83.40		OD 106.0	106.0	LKFF 46128
-5.0	1 - 4.5			FT 2.5 + 1.0		LKFX 46128
TL 101.20				FD 111.7		LKSF 46128
						LKSX 46128



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
46128 46128A	R 46128	P 46128	B 46128	LFF 46128 LFX 46128 LSF 46128 LSX 46128
				Surface Treatment: None
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13101-58011 13101-58012	13011-58010/1		90999-73088 90999-73132	11461-58010 11461-58020 11461-58040

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 25.00 mm

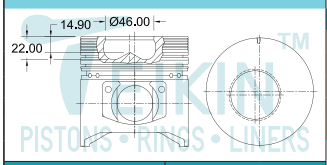
LKFF 46128A
LKFX 46128A
LKSF 46128A
LKSX 46128A

249

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

13B — 3431 cc — 4 cyl.

Ø 102.00	2 - 2.5	Ø 34.000		TL 187.5	196.0	TEIKIN NO.
CD 63.40		TL 83.50		OD 106.0	106.0	LKFF 46130
-22.0	1 - 4.5			FT 2.5 + 1.0		LKFX 46130
TL 104.40				FD 111.7		LKSF 46130
						LKSX 46130
						LKFF 46130A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	LKFX 46130A
46130	R 46130	P 39138	B 46130	LFF 46128	LKSF 46130A
46130A				LFX 46128	LKSX 46130A
				LSF 46128	
				LSX 46128	
				Surface Treatment	
				None	

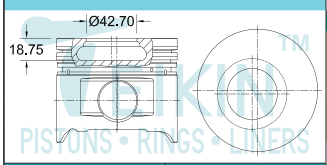
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13101-58020	13011-58030		90999-73099	11461-58010
13101-58021				11461-58020
				11461-58040

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm
	MP: 17.00 mm

250

14B — 3660 cc — 4 cyl.

Ø 102.00	1 - 2.5 HK	Ø 32.000		TL 187.5	196.0	TEIKIN NO.
CD 51.90	1 - 2.0	TL 72.00		OD 106.0	106.0	LKFF 46254
-18.7				FT 2.5 + 1.0		LKFX 46254
TL 86.95	1 - 4.0			FD 111.7		LKSF 46254
						LKSX 46254
						LKFF 46254A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	LKFX 46254A
46254	R 46254	P 46254	B 46254	LFF 46128	LKSF 46254A
46254A				LFX 46128	LKSX 46254A
				LSF 46128	
				LSX 46128	
				Surface Treatment	
				None	

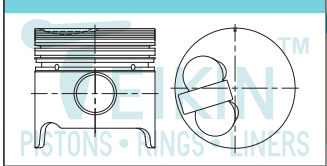
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13101-58040	13011-58050/1/70		90999-73116	11461-58010
	13013-58050/70		90999-73124	11461-58020
	13014-58050/70			11461-58040
	13015-58050/70			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm
	MP: 14.00 mm

251

3B-II — 3431 cc — 4 cyl.

Ø 102.00	1 - 2.5 HK	Ø 32.000		TL 187.5	196.0	TEIKIN NO.
CD 55.20	1 - 2.0	TL 72.00		OD 106.0	106.0	LKFF 46622
-5.1				FT 2.5 + 1.0		LKFX 46622
TL 101.20	1 - 4.0			FD 111.7		LKSF 46622
						LKSX 46622
						LKFF 46622A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	LKFX 46622A
46622	R 46254	P 46254	B 46254	LFF 46128	LKSF 46622A
46622A				LFX 46128	LKSX 46622A
(46327)				LSF 46128	
				LSX 46128	
				Surface Treatment	
				None	

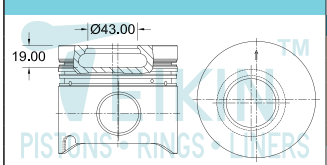
REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13101-58050	13011-58050/1/70		90999-73116	11461-58010
	13013-58050/70		90999-73124	11461-58020
	13014-58050/70			11461-58040
	13015-58050/70			

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
	MP: 22.50 mm

252

14B-T — 3660 cc — 4 cyl.

Ø 102.00	1 - 3.0 HK	Ø 34.000		TL 187.5	196.0	TEIKIN NO.
CD 59.80	1 - 2.0	TL 78.00		OD 106.0	106.0	LKFF 46625
-19.0				FT 2.5 + 1.0		LKFX 46625
TL 94.80	1 - 4.0			FD 111.7		LKSF 46625
						LKSX 46625
						LKFF 46625A



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	LKFX 46625A
46625	R 46625	P 46625	B 46625	LFF 46128	LKSF 46625A
46625A				LFX 46128	LKSX 46625A
(46292)				LSF 46128	
				LSX 46128	
				Surface Treatment	
				None	

REFERENCE NO.	REFERENCE NO.		REFERENCE NO.	REFERENCE NO.
13101-58060	13011-58060		90999-73100	11461-58010
				11461-58020
				11461-58040

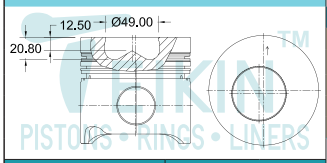
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm
	MP: 12.00 mm

253

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE (LINER)	LINER KIT SET

13B-T — 3431 cc — 4 cyl.

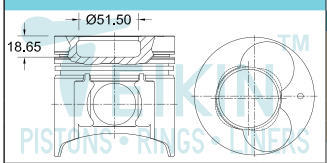
Ø 102.00	1 - 2.5 HK 1 - 2.5 1 - 4.5	Ø 34.000 TL 79.00		TL OD FT FD	187.5 106.0 2.5 + 1.0 111.7	196.0 106.0	TEIKIN NO. LKFF 46668A LKFX 46668A LKSF 46668A LKSX 46668A
CD 63.50 -20.8 TL 98.40							
TEIKIN NO. 46668A	TEIKIN NO. R 46668	TEIKIN NO. P 46668	TEIKIN NO. B 46625	TEIKIN NO. LFF 46128 LFX 46128 LSF 46128 LSX 46128 Surface Treatment None			
REFERENCE NO. 13101-58030	REFERENCE NO. 13011-58040		REFERENCE NO. 90999-73100	REFERENCE NO. 11461-58010 11461-58020 11461-58040			254



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.150 mm MP: 15.00 mm

RINO — 4009 cc — 4 cyl.
PS135

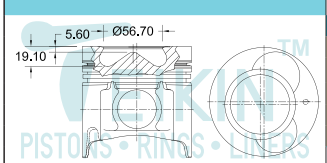
Ø 104.00	1 - 2.5 1 - 2.0 1 - 4.0	Ø 37.000 TL 84.50		TL OD FT FD	200.0 107.0 8.0 112.0		TEIKIN NO. LKFF 46339 LKFF 46339A
CD 60.20 -18.6 TL 106.20							
TEIKIN NO. 46339 46339A	TEIKIN NO. R 46339	TEIKIN NO. P 46339	TEIKIN NO. B 46339	TEIKIN NO. LFF 46700* Surface Treatment *Phosphate (PH)			
REFERENCE NO. 13211-78120 13216-3201 S130B-E0K80	REFERENCE NO. 13011-3950/A 13011-4020/A 13011-78060 13011-78180		REFERENCE NO. 13271-89102	REFERENCE NO. 11461-78021 11461-78031 11461-78051			255



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.090 mm MP: 23.40 mm

N04C — 4009 cc — 4 cyl.

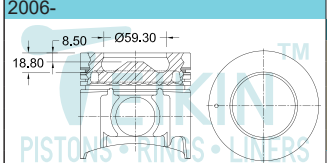
Ø 104.00	1 - 3.0 FK 1 - 2.0 1 - 4.0	Ø 37.000 TL 84.50		TL OD FT FD	200.0 107.0 8.0 112.0		TEIKIN NO. LKFF 46700A
CD 60.10 -19.1 TL 106.20							
TEIKIN NO. 46700A	TEIKIN NO. R 46700	TEIKIN NO. P 46339	TEIKIN NO. B 46339	TEIKIN NO. LFF 46700* Surface Treatment *Phosphate (PH)			
REFERENCE NO. 13211-78190 13216-E0020 13211-0247 F	REFERENCE NO. 13011-78190 13011-78230 13011-78220		REFERENCE NO. 13271-89102	REFERENCE NO. 11461-78021 11461-78031 11461-78051			256



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.090 mm MP: 24.00 mm

N04CT — 4009 cc — 4 cyl.
COASTER
DYNA
XZB40/50
XZU415/425/435
2006-

Ø 104.00	1 - 2.5 1 - 2.0 1 - 4.0	Ø 37.000 TL 85.00					
CD 60.20 -18.8 TL 100.00							
TEIKIN NO. 46716AG	TEIKIN NO. R 46339	TEIKIN NO. P 36127					
REFERENCE NO. S130B-E0M51 13211-78170 13216-E0010	REFERENCE NO. 13011-3950/A 13011-4020/A 13011-78060 13011-78180						257



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.040 mm MP: 15.00 mm

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET

2D OLD — 6494 cc — 6 cyl.

1965-76

Ø 105.00					
CD 73.00	3 - 3.0	Ø 34.000		TL 242.0	TEIKIN NO.
-10.1		TL 88.50		OD 115.5	LKFF 46242
TL 137.95	2 - 5.0			FT 10.0	
				FD 120.0	
TEIKIN NO. 46242	TEIKIN NO. R 46242	TEIKIN NO. P 46242	TEIKIN NO. B 46242	TEIKIN NO. LFF 46242	
				Surface Treatment: None	
REFERENCE NO. 13101-77012, 13101-77013	REFERENCE NO. 13011-77010, 1301177020/1/2/3		REFERENCE NO. 90999-70004, 90999-70005	REFERENCE NO. 11461-77015, 11461-77040	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 23.00 mm

258

2D NEW — 6494 cc — 6 cyl.

1977

Ø 105.00					
CD 73.20	1 - 3.0 HK	Ø 34.000		TL 233.0	TEIKIN NO.
-5.1	2 - 2.5	TL 88.50		OD 115.5	LKFF 46244
TL 133.10	1 - 5.0			FT 10 + 1.0	
				FD 121.0	
TEIKIN NO. 46244	TEIKIN NO. R 46244	TEIKIN NO. P 46242	TEIKIN NO. B 46244	TEIKIN NO. LFF 46244	
				Surface Treatment: None	
REFERENCE NO. 13101-77020, 13211-77016, 13211-77020/1	REFERENCE NO. 13011-77040, 13011-77041, 13011-77050		REFERENCE NO. 90999-73080, 90999-73081	REFERENCE NO. 11461-77021	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 32.00 mm

259

15BF — 4104 cc — 4 cyl.

DYNA BU142, BU212
BU222
1995-2002

Ø 108.00					
CD 59.50	1 - 3.0 HK	Ø 34.000		TL 193.0 193.0	TEIKIN NO.
-21.3	1 - 2.0	TL 73.00		OD 112.0 112.0	LKSF 46655A
TL 94.50	1 - 4.0			FT 5.0	LKSX 46655A
				FD 115.0	
TEIKIN NO. 46655A	TEIKIN NO. R 46655	TEIKIN NO. P 46283	TEIKIN NO. B 46655	TEIKIN NO. LSF 46655, LSX 46655	
				Surface Treatment: None	
REFERENCE NO. 13101-58090, 13101-58080	REFERENCE NO. 13011-58090, 13013-58090, 13014-58090, 13015-58090		REFERENCE NO. 90999-73134	REFERENCE NO. 11461-58090	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 13.00 mm

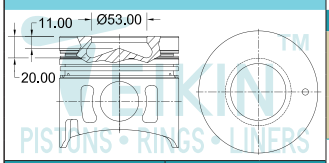
260

15BF-T — 4104 cc — 4 cyl.

Ø 108.00					
CD 59.50	1 - 3.0 HK	Ø 34.000		TL 193.0 193.0	TEIKIN NO.
-22.2	1 - 2.0	TL 73.00		OD 112.0 112.0	LKSF 46656AG
TL 94.50	1 - 4.0			FT 5.0	LKSX 46656AG
				FD 115.0	
TEIKIN NO. 46656AG	TEIKIN NO. R 46655	TEIKIN NO. P 46283	TEIKIN NO. B 46655	TEIKIN NO. LSF 46655, LSX 46655	
				Surface Treatment: None	
REFERENCE NO. 13101-58091, 13101-58101	REFERENCE NO. 13011-58090, 13013-58090, 13014-58090, 13015-58090		REFERENCE NO. 90999-73134	REFERENCE NO. 11461-58090	

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 13.00 mm

261

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
S05C-II 4 cyl.	**4613 cc**	**Ø 114.00** CD 60.50 -20.0 TL 103.50	1 - 2.5 1 - 2.0 1 - 4.0	Ø 37.000 TL 85.00		TL 186.5 OD 117.0 FT 8.0 FD 122.0		**TEIKIN NO.** **LKFF 46381A**
		**TEIKIN NO.** **46381A**	**TEIKIN NO.** **R 46381**	**TEIKIN NO.** **P 36127**	**TEIKIN NO.** **B 46381**	**TEIKIN NO.** **LFF 46381***		
						Surface Treatment *Phosphate (PH)		
Surface Treatment	**Bore Clearance**	**REFERENCE NO.** 13218-78021 13218-78020 13216-2983	**REFERENCE NO.** 13011-78030 13011-78031		**REFERENCE NO.** 13271-89101	**REFERENCE NO.** 11461-78090 11461-78100 11461-78110		
Tin Coated	MRC: 0.060 mm MP: 20.50 mm							262

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

GAZ 4062.10

4 cyl.

Ø 92.00	1 - 1.5 1 - 2.0	Ø 22.000 TL 64.00					
CD 38.00 -5.0 TL 69.90	1 - 3.5						
TEIKIN NO. **60102**	**TEIKIN NO.** **R 60102**	**TEIKIN NO.** **P 43220**					
REFERENCE NO. KS: 40 075 600	**REFERENCE NO.**						

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 13.00 mm

1

405

4 cyl.

Ø 95.55	1 - 1.75 1 - 2.0	Ø 22.000 TL 64.00					
CD 38.10 -1.3 TL 69.90	1 - 3.5						
TEIKIN NO. **60103**	**TEIKIN NO.** **R 60103**	**TEIKIN NO.** **P 43220**					
REFERENCE NO.	**REFERENCE NO.**						

Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 16.00 mm

2

GAZ 421

1980

4 cyl.

Ø 100.00	2 - 2.0	Ø 25.000 TL 67.00					
CD 43.70 -4.0 TL 80.00	1 - 5.0						
TEIKIN NO. **60104**	**TEIKIN NO.** **R 60104**	**TEIKIN NO.** **P 39157**					
REFERENCE NO. 421.1004014	**REFERENCE NO.**						

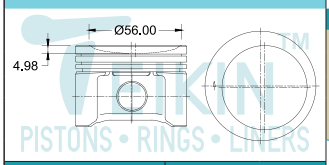
Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 16.50 mm

3

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

EA111 RSH — 999 cc — 8V — 4 cyl.

Ø 67.11	1 - 1.2 1 - 1.5 1 - 2.0	Ø 17.000 TL 45.00
CD 31.27 -5.0 TL 49.75		
TEIKIN NO. 48210	**TEIKIN NO.** R 48210	**TEIKIN NO.** P 48210
REFERENCE NO. MAHLE: E70505	**REFERENCE NO.** 036 198 151 J HT-2C4808 MAHLE: A70500	

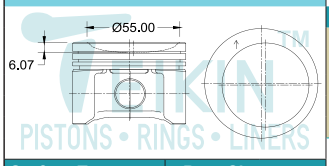


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.025 mm MP: 6.00 mm

1

EA111 — 999 cc — 8V — 4 cyl.

Ø 67.11	1 - 1.2 1 - 1.5 1 - 2.0	Ø 17.000 TL 45.00
CD 31.27 -6.0 TL 49.75		
TEIKIN NO. 48211	**TEIKIN NO.** R 48210	**TEIKIN NO.** P 48210
REFERENCE NO. MAHLE: E70500	**REFERENCE NO.** 036 198 151 J HT-2C4808 MAHLE: A70500	

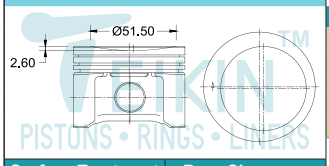


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.025 mm MP: 6.00 mm

2

EA111 ALCOOL — 999 cc — 8V — 4 cyl.

Ø 67.11	1 - 1.2 1 - 1.5 1 - 2.0	Ø 17.000 TL 45.00
CD 31.27 -2.6 TL 49.75		
TEIKIN NO. 48212	**TEIKIN NO.** R 48210	**TEIKIN NO.** P 48210
REFERENCE NO. MAHLE: E70510 030 107 099 A 030 107 099 J	**REFERENCE NO.** 036 198 151 J HT-2C4808 MAHLE: A70500	

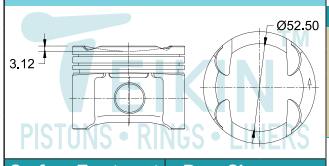


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.025 mm MP: 6.00 mm

3

EA111-II — 999 cc — 16V — 4 cyl.

Ø 67.11	1 - 1.2 1 - 1.5 1 - 2.0	Ø 17.000 TL 45.00
CD 31.27 -3.1 TL 49.75		
TEIKIN NO. 48213	**TEIKIN NO.** R 48210	**TEIKIN NO.** P 48210
REFERENCE NO. MAHLE: E70550 036 198 101 I	**REFERENCE NO.** 036 198 151 J HT-2C4808 MAHLE: A70500	



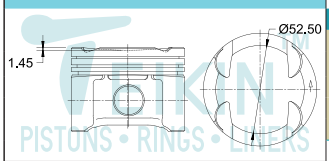
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.025 mm MP: 6.00 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

EA111 RSH-II — 999 cc — 4 cyl. — 16V

Ø 67.11	1 - 1.2 1 - 1.5 1 - 2.0	Ø 17.000 TL 45.00				
CD 31.27 -1.4 TL 49.75						
TEIKIN NO. 48214	**TEIKIN NO.** R 48210	**TEIKIN NO.** P 48210				
REFERENCE NO. MAHLE: E70555	**REFERENCE NO.** 036 198 151 J HT-2C4808 MAHLE: A70500					

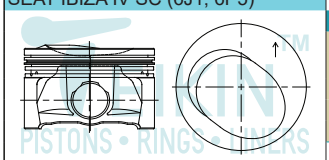


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.025 mm MP: 6.00 mm

5

CBZB — 1197 cc — 4 cyl.
SEAT TOLEDO IV (KG3)
1.2 TSI 2012 - 2015
CADDY III BOX BODY/MPV
1.2 TSI 2010 - 2015
SEAT IBIZA IV SC (6J1, 6P5)

Ø 71.01	2 - 1.2 1 - 2.0	Ø 19.000 TL 42.00				
CD 29.00 +1.8 TL 46.80						
TEIKIN NO. 48230	**TEIKIN NO.** R 48230	**TEIKIN NO.** P 48215				
REFERENCE NO. 03F-107-065-F 03F-107-065-A 03F-107-065-D K-41257600 M-028PI00130000	**REFERENCE NO.** 03F198151B/ C/ D 04E198151A/ T G-0844230010 K-800114110000					

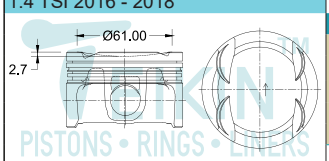


Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 5.00 mm

6

CZDA — 4 cyl.
SEAT LEON (5F1) 1.4 TSI 14-
AUDI Q3 SUV (8UB, 8UG)
1.4 TSI 2013 - 2018
TIGUAN SUV (AD1, AX1)
1.4 TSI 2016 - 2018

Ø 74.50	2 - 1.2 1 - 2.0	Ø 19.000 TL 47.00				
CD 30.80 -2.7 TL 47.80						
TEIKIN NO. 48231	**TEIKIN NO.** R 48229	**TEIKIN NO.** P 44609				
REFERENCE NO. 04E-107-065-GN 04E-107-065-GM	**REFERENCE NO.** 04E 198 151 B 04E198151AB 04E198151F/K/M/N K-800119010000					

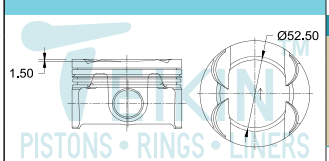


Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 5.00 mm

7

CZCA — 1395 cc — 4 cyl.
AUDI A1 (8X1, 8XK)
1.4 TFSI 2014 - 2018
SEAT TOLEDO IV (KG3)
1.4 TSI 2015 - 2019

Ø 74.51	2 - 1.2 1 - 2.0	Ø 19.000 TL 52.00				
CD 31.00 -1.5 TL 48.50						
TEIKIN NO. 48229	**TEIKIN NO.** R 48229	**TEIKIN NO.** P 44258				
REFERENCE NO. 04E-107-065-GK 04E-107-065-GL	**REFERENCE NO.** 04E 198 151 B 04E198151AB 04E198151F/K/M/N K-800119010000					



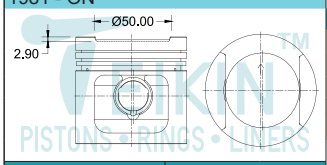
Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 5.00 mm

8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

ET/ZF/EP 1297 cc — 4 cyl.

GOLF II CL 1300
GOLF 1300L, LS, GL, CiTi
JETTA GL &GX, FOX 1.3
PASSAT 1300 L &LS
1981 - ON



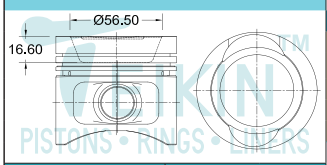
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 4.00 mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 75.00 CD 39.50 -2.9 TL 71.50	1 - 1.5 1 - 1.75 1 - 3.0	Ø 20.000 TL 56.58				
TEIKIN NO. 48107	TEIKIN NO. R 48107	TEIKIN NO. P 42165				
REFERENCE NO. KS : 93 892 600	REFERENCE NO. KS : 800000340000 MAHLE: 034 19N0					

9

2G / AAV / HK 1272 cc — 4 cyl.

HW / MH / NU / NZ



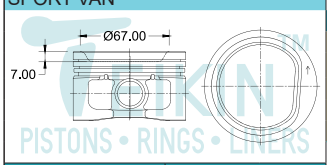
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 11.00 mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 75.01 CD 42.87 -16.6 TL 49.87	1 - 1.75 1 - 2.0 1 - 3.0	Ø 20.000 TL 54.00		TL 133.0 OD 78.0 FT 4.5 FD 81.0		TEIKIN NO. LKSF 48605
TEIKIN NO. 48605	TEIKIN NO. R 48605	TEIKIN NO. P 48605		TEIKIN NO. LSF 48605 Surface Treatment None		
REFERENCE NO. KS : 93 896 600 MAHLE: 029 73 00	REFERENCE NO. KS : 800025040000 MAHLE: 029 52 N0			REFERENCE NO. MAHLE: 029 WV 19		

10

LUPO 1598 cc — 4 cyl.

LUPO
POLO
CROSS FOX
SEAT IBIZA 2001-2007
SPORT VAN

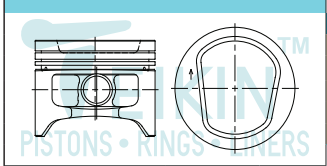


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 5.00 mm

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 76.50 CD 28.70 -7.0 TL 47.20	1 - 1.2 1 - 1.5 1 - 2.5	Ø 17.000 TL 52.00				
TEIKIN NO. 48209	TEIKIN NO. R 48209	TEIKIN NO. P 48209				
REFERENCE NO. 032 107 065 Q	REFERENCE NO.					

11

AEA / AEE / AHS / ALM 1598 cc — 4 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 15.00 mm

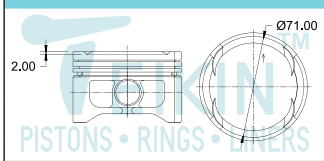
PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 76.50 CD 30.90 -8.0 TL 60.20	1 - 1.2 1 - 1.5 1 - 2.5	Ø 17.000 TL 52.00				
TEIKIN NO. 48607	TEIKIN NO. R 48607	TEIKIN NO. P 48209				
REFERENCE NO. KS : 94 553 600 MAHLE: 030 42 00	REFERENCE NO. KS : 800026140000 MAHLE: 030 32 N0					

12

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

AFH / AFK / AHW — 1390 cc — 4 cyl.
AKQ / APE / AUA / AXP

PISTON SET	RINGS	PIN
Ø 76.50	1 - 1.2	Ø 17.000
	1 - 1.5	TL 53.00
CD 29.00		
-2.0	1 - 2.5	
TL 50.00		
TEIKIN NO. 48608	**TEIKIN NO.** R 48607	**TEIKIN NO.** P 49106
REFERENCE NO. KS : 99 562 600 MAHLE : 03 061 00	**REFERENCE NO.** KS : 800026140000 MAHLE: 030 32 N0	

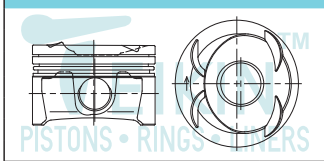


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm
Moly Skirt	MP: 7.00 mm

13

1.4 TURBO — 1390 cc — 4 cyl.
CAVD

PISTON SET	RINGS	PIN
Ø 76.51	1 - 1.2	Ø 19.000
	1 - 1.5	TL 52.00
CD 28.90		
+2.0	1 - 2.0	
TL 49.90		
TEIKIN NO. 48221	**TEIKIN NO.** R 48221	**TEIKIN NO.** P 44258
REFERENCE NO. 03C 107 065 CE 03C 107 065 AH 03C 107 065 CF 03C 107 065 CK MAHLE: 028PI00131000	**REFERENCE NO.** 03C198151B 03C198151F/M/P/Q KS: 800079010000 G-0843390000	

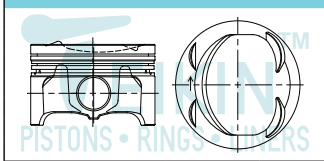


Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized 2nd Ring Anodized	MRC: 0.030 mm MP: 4.00 mm

14

CAXA — 1390 cc — 4 cyl.
SET TOLEDO IV (KG3)
1.4 TSI 2012 -2015
AUDI A1 SPORTBACK (8XA, 8XF)
1.4 TFSI 2011-2015

PISTON SET	RINGS	PIN
Ø 76.51	2 - 1.2	Ø 19.000
		TL 52.00
CD 29.20		
+1.9	1 - 2.0	
TL 50.20		
TEIKIN NO. 48228	**TEIKIN NO.** R 48228	**TEIKIN NO.** P 44258
REFERENCE NO. 03C-107-065-AP K-40477600 N-8742990000	**REFERENCE NO.** 036 198 151 H/A/G 04E 198 151 H G-0842990000 K-800073310000	

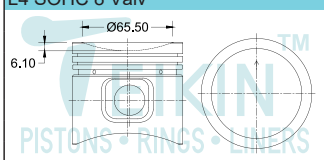


Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 8.00 mm

15

FR/JB, FP WV — 1588 cc — 4 cyl.
YN, YP, YV
GOLF 1600 GTS
CITI GOLF SPORT
AUDI 80GL, 100LS &1004
L4 SOHC 8 Válv

PISTON SET	RINGS	PIN
Ø 79.50	1 - 1.75	Ø 22.000
	1 - 2.0	TL 55.00
CD 41.80		
-6.1	1 - 4.0	
TL 73.80		
TEIKIN NO. 48102	**TEIKIN NO.** R 48102	**TEIKIN NO.** P 48102
REFERENCE NO. KS : 93 356 600	**REFERENCE NO.** KS : 800000911 KS : 800041000 MAHLE: 034 59 V0	



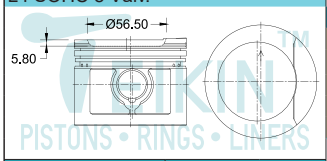
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.010 mm MP: 12.20 mm

16

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

E-II, ABS KAT, DS, DX — 1781 cc — 4 cyl.

EV, GU, GX, PF, RG KAT
GOLF Gti, GOLF II Gti
JETTA Gli, JETTA II CII
1983 - ON
L4 SOHC 8 Válv.



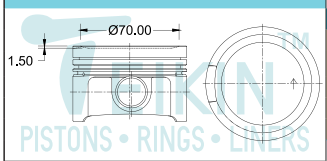
Ø 81.00	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
CD 31.90 / +1.3 / TL 62.35	1 - 1.5 / 1 - 1.75 / 1 - 3.0	Ø 20.000 / TL 56.58				
TEIKIN NO. 48110 (48106)	TEIKIN NO. R 48110	TEIKIN NO. P 42165				
REFERENCE NO. KS : 93 928 600	REFERENCE NO. KS : 800001011000 MAHLE: 034 75 N0					

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 4.50 mm

17

AEB — 1800 cc — 4 cyl.

PASSAT
F.I., DOHC 20V



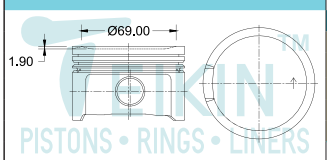
Ø 81.00	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
CD 32.70 / -1.5 / TL 53.70	1 - 1.5 / 1 - 1.75 / 1 - 2.0	Ø 20.000 / TL 59.00				
TEIKIN NO. 48204	TEIKIN NO. R 48204	TEIKIN NO. P 51101				
REFERENCE NO. 06A-107-065J KS : 99 933 600 058 107 065 F	REFERENCE NO. KS : 800045040000 058 198 151 B G-0850290000 MAHLE: 033 04 N0					

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.020 mm MP: 6.00 mm

18

AEB-II — 1781 cc — 4 cyl.

TT
F.I., DOHC 20V



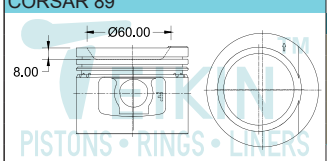
Ø 81.00	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
CD 32.70 / -1.9 / TL 53.70	1 - 1.5 / 1 - 1.75 / 1 - 2.0	Ø 19.000 / TL 50.00				
TEIKIN NO. 48205	TEIKIN NO. R 48204	TEIKIN NO. P 48205				
REFERENCE NO. 06B-107-065N	REFERENCE NO. KS : 800045040000 058 198 151 B G-0850290000 MAHLE: 033 04 N0					

Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.020 mm MP: 8.00 mm

19

1.8L — 1800 cc — 4 cyl.

SOHC 8 VAL
DERBY
GOLF A2
JETTA A2
CORSAR 89



Ø 81.00	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
CD 32.20 / +1.2 / TL 62.40	1 - 1.5 / 1 - 1.75 / 1 - 3.0	Ø 20.000 / TL 56.58				
TEIKIN NO. 48216		TEIKIN NO. P 42165				
REFERENCE NO. 026107103Q						

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 9.50 mm

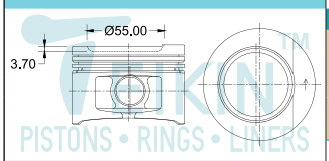
20

TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

1.8L-II
Pointer (97-08) — 4 cyl.
L4 SOHC 8 Valv

Ø 81.00	1 - 1.2 / 1 - 1.5 / 1 - 2.0	Ø 20.000 / TL 56.58
CD 32.30 / +1.0 / TL 57.30		
TEIKIN NO. 48219		TEIKIN NO. P 42165
REFERENCE NO. 27107103		

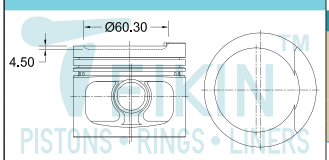


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 6.50 mm

21

1F / ABN / DT / EW 1595 cc
EZ / EZA / JU / PN / RE / RL — 4 cyl.

Ø 81.00	1 - 1.5 / 1 - 1.75 / 1 - 3.0	Ø 20.000 / TL 57.00
CD 35.60 / +2.2 / TL 66.80		
TEIKIN NO. 48604	TEIKIN NO. R 48110	TEIKIN NO. P 44675
REFERENCE NO. KS : 93 872 600 MAHLE: 034 76 00	REFERENCE NO. KS : 800001011000 MAHLE: 034 75 N0	

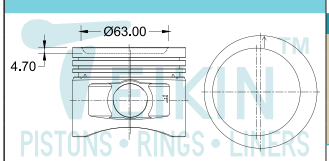


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 4.00 mm

22

AAF
Eurovan Cargo / Transporter T4 / Eurovan Van — 5 cyl.

Ø 81.00	1 - 1.75 / 1 - 2.0 / 1 - 3.0	Ø 24.000 / TL 55.85
CD 38.30 / -4.7 / TL 64.40		
TEIKIN NO. 48224		TEIKIN NO. P 48224
REFERENCE NO. 023107065A		

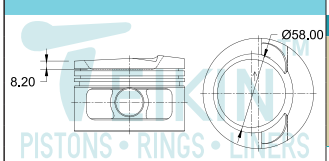


Surface Treatment	Bore Clearance
Chromated Moly Skirt	MRC: 0.030 mm MP: 10.00 mm

23

2.8L
6 cyl.

Ø 81.00	1 - 1.5 / 1 - 1.75 / 1 - 3.0	Ø 20.000 / TL 56.58
CD 32.30 / +2.1 / TL 55.70		
TEIKIN NO. 48223		TEIKIN NO. P 42165
REFERENCE NO. 071107065C		



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 4.50 mm

24

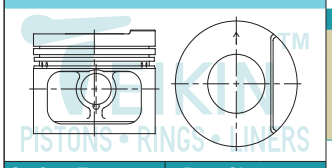
V VOLKSWAGEN

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

JS KAT — 1994 cc — 4 cyl.

PASSAT 2.0 1983-88
115 PS
EZ HM

Ø 81.01	RINGS	PIN
CD 35.50	1 - 1.5	Ø 20.000
+2.5	1 - 1.75	TL 56.58
TL 66.80	1 - 3.0	
TEIKIN NO. 48201		**TEIKIN NO.** P 42165
REFERENCE NO. KS : 93 871 600		



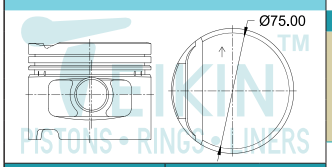
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 3.50 mm

25

PL 4 KAT — 1781 cc — 4 cyl.

KR 4 V
1985-92
GOLF, JETTA 1986-91

Ø 81.01	RINGS	PIN
CD 34.00	1 - 1.5	Ø 20.000
-3.9	1 - 1.75	TL 56.58
TL 63.00	1 - 3.0	
TEIKIN NO. 48600 (48202)	**TEIKIN NO.** R 48110	**TEIKIN NO.** P 42165
REFERENCE NO. KS : 93 117 600	**REFERENCE NO.** KS : 800001011000 MAHLE: 034 75 N0	



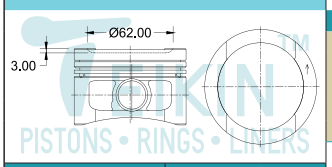
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 6.50 mm

26

ADP / AEK / AFT — 1595 cc — 4 cyl.

AHL / AKL / ARM

Ø 81.01	RINGS	PIN
CD 32.70	1 - 1.2	Ø 20.000
-3.0	1 - 1.5	TL 56.58
TL 53.80	1 - 2.0	
TEIKIN NO. 48606	**TEIKIN NO.** R 48606	**TEIKIN NO.** P 42165
REFERENCE NO. KS : 94 503 700 MAHLE: 033 01 00	**REFERENCE NO.** KS : 800039440000 MAHLE: 033 01 N0	



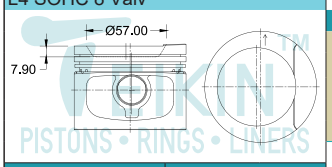
Surface Treatment	Bore Clearance
Tin Coated Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

27

AAM/ADF/DS/EX/RP — 1781 cc — 4 cyl.

Golf
Jetta
A3 Combi
Panel (Carabela) 84-88
L4 SOHC 8 Válv

Ø 81.01	RINGS	PIN
CD 32.10	1 - 1.5	Ø 20.000
+1.4	1 - 1.75	TL 57.00
TL 62.50	1 - 3.0	
TEIKIN NO. 48609	**TEIKIN NO.** R 48110	**TEIKIN NO.** P 48609
REFERENCE NO. KS : 93 876 600 MAHLE: 034 78 00	**REFERENCE NO.** KS : 800001011000 MAHLE: 034 75 N0	



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 4.00 mm

28

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

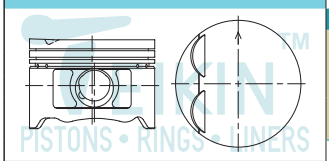
9A, 9A 4V KAT — 1984 cc — 4 cyl.

PASSAT, JETTA Gli
GOLF Gti
F.I., DOHC4
1990-93

Ø	82.50
CD	29.80
	+0.6
TL	58.40

1 - 1.2
1 - 1.5
1 - 2.0

Ø 20.000
TL 56.58



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
48111	R 48111	P 42165

REFERENCE NO.	REFERENCE NO.
053-107 065F	KS : 800001220000
KS : 91 504 700	KS : 800045720000
	MAHLE: 030 31 N0
	MAHLE: 030 60 N0

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.020 mm
Anodized Crown	MP: 10.00 mm
1st Ring Anodized	

29

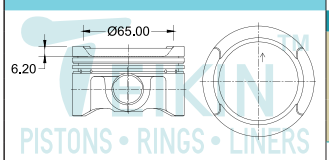
ABA — 1984 cc — 4 cyl.

PASSAT, CABRIO GTI
F.I., SOHC4
1993-97
0

Ø	82.50
CD	30.60
	+1.1
TL	51.75

1 - 1.2
1 - 1.5
1 - 2.0

Ø 21.000
TL 56.00



TEIKIN NO.	TEIKIN NO.
48113	P 38151

REFERENCE NO.
037-107-065M

Surface Treatment	Bore Clearance
Chromated	MRC: 0.020 mm
Moly Skirt	MP: 5.40 mm

30

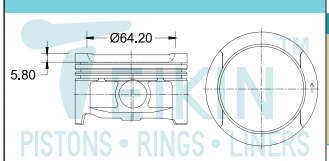
AEG — 1984 cc — 4 cyl.

NEW BEETLE
GOLF JETTA
F.I., DOHC 8V
1998-2002

Ø	82.50
CD	29.30
	+0.7
TL	51.00

1 - 1.2
1 - 1.5
1 - 2.0

Ø 19.990
TL 53.00



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
48203	R 48111	P 44340

REFERENCE NO.	REFERENCE NO.
058-107-065	KS : 800001220000
	KS : 800045720000
	MAHLE: 030 31 N0
	MAHLE: 030 60 N0

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.020 mm
	MP: 7.00 mm

31

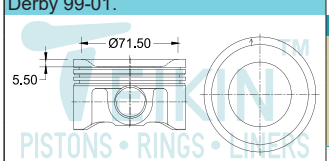
ABA-II — 1984 cc — 4 cyl.

GOLF III, JETTA III
1993-95
F.I. SOHC 8V
GLX A3 93-99;
Derby 99-01.

Ø	82.50
CD	30.60
	-5.5
TL	50.60

1 - 1.2
1 - 1.5
1 - 2.0

Ø 21.000
TL 56.00



TEIKIN NO.	TEIKIN NO.
48207	P 38151

REFERENCE NO.
023-107-065A

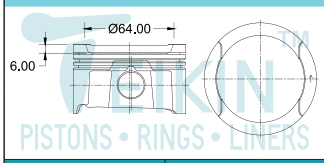
Surface Treatment	Bore Clearance
Chromated	MRC: 0.020 mm
Moly Skirt	MP: 5.40 mm

32

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

2.0 L LATE — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 82.50 CD 29.30 +0.7 TL 51.00	1 - 1.2 1 - 1.5 1 - 2.0	Ø 19.000 TL 42.00				
TEIKIN NO. 48215	TEIKIN NO. R 48215	TEIKIN NO. P 48215				
REFERENCE NO. 06A-107-065-AE	REFERENCE NO.					

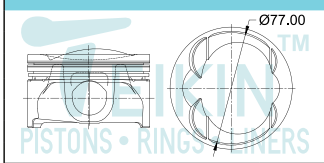


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 8.00 mm

33

CZPA — VOLKSWAGEN TIGUAN SUV (AD1, AX1) 2.0 TSI 4MOTION (2016 -) — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 82.50 CD 29.70 +3.6 TL 53.20	2 - 1.2 1 - 2.0	Ø 23.000 TL 51.00				
TEIKIN NO. 48233A	TEIKIN NO. R 48232	TEIKIN NO. P 48232				
REFERENCE NO. 06K-107-065-AB	REFERENCE NO. 06K198151 06K198151A 06H198151B/C/J/K/L/N G-0685020000					

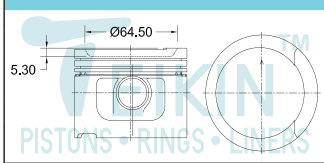


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

34

2E,ADY,AGG — 1984 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 82.50 CD 30.90 +0.9 TL 63.80	1 - 1.2 1 - 1.5 1 - 2.0	Ø 21.000 TL 59.00				
TEIKIN NO. 48610	TEIKIN NO. R 48111	TEIKIN NO. P 45131				
REFERENCE NO. KS : 91 128 600	REFERENCE NO. KS : 800001220000 KS : 800045720000 MAHLE: 030 31N0 MAHLE: 030 60N0					

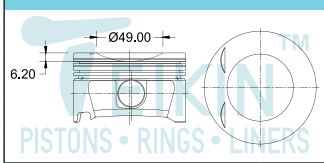


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 6.00 mm

35

BPY / CBFA/ CCTA — 1998 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
Ø 82.50 CD 29.60 -6.2 TL 50.60	1 - 1.2 1 - 1.5 1 - 2.0	Ø 20.000 TL 59.00				
TEIKIN NO. 48611A	TEIKIN NO. R 48111	TEIKIN NO. P 51101				
REFERENCE NO. 06D107066C	REFERENCE NO. KS : 800001220000 KS : 800045720000 MAHLE: 030 31N0 MAHLE: 030 60N0					



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

36

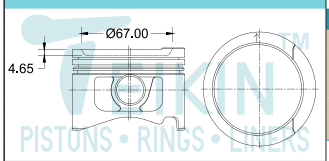
TEIKIN™ PISTONS • RINGS • LINERS

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

2.5 / 2.6 MICROBUS

5 cyl.

Ø 82.50	2 - 1.5	Ø 20.000
CD 29.40		TL 56.58
+1.0	1 - 2.0	
TL 59.40		



TEIKIN NO.		TEIKIN NO.
48206		P 42165

REFERENCE NO.

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 11.50 mm

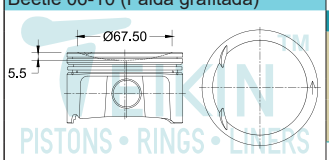
37

BGP/BGQ 2480 cc

BORA
VENTO
JETTA
2.5L
Beetle 06-10 (Falda grafitada)

5 cyl.

Ø 82.50	1 - 1.2 1 - 1.5	Ø 19.000 TL 44.00
CD 29.30		
-5.5	1 - 2.0	
TL 50.30		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
48208	R 48208	P 48208

REFERENCE NO.	REFERENCE NO.
07K107065B MAHLE: 82L113	06D 198 151 A 06D 198 151 B MAHLE: 03319N0

Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown 1st Ring Anodized	MRC: 0.030 mm MP: 7.50 mm

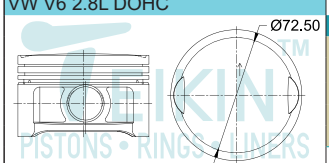
38

AMX 2771 cc

Audi A4, A4 Quattro 98-03
Passat 4 Motion 97-00
Audi A6, A6 Quattro 98-03
Audi V6 2.8L DOHC APR
VW V6 2.8L DOHC

6 cyl.

Ø 82.50	1 - 1.2 1 - 1.5	Ø 21.000 TL 56.00
CD 30.20		
+1.1	1 - 2.0	
TL 52.30		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
48225	R 48225	P 38151

REFERENCE NO.	REFERENCE NO.
078 107 065 AF 078 107 103 AF 078 107 103 AJ	053 107 3111/B 053 198 151 C 06A 198 151 D 06C 198 151 B

Surface Treatment	Bore Clearance
Chromated Moly Skirt	MRC: 0.030 mm MP: 6.50 mm

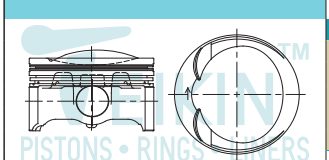
39

BZB

TFSI 16V
FSI 16V

4 cyl.

Ø 82.51	1 - 1.2 1 - 1.5	Ø 21.000 TL 54.00
CD 29.80		
+5.6	1 - 2.0	
TL 55.90		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
48218A	R 48111	P 33101

REFERENCE NO.	REFERENCE NO.
06H 107 065BK 06H 107 065 F/T 06H 107 099 AE 06J 107 065 AG K-40251600	KS: 800001220000 KS: 800045720000 MAHLE: 030 31 N0 MAHLE: 030 60 N0

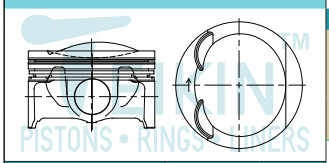
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 9.00 mm

40

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

CDAB 1798 cc

PASSAT ALLTRACK 4 cyl.
1.8 TSI 2012 - 2014
SKODA YETI
1.8 TSI 4x4 2009 - 2017



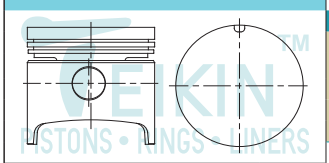
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 7.00 mm

Ø 82.51	2 - 1.2	Ø 23.000 TL 51.00
CD 29.80 +5.7 TL 56.00	1 - 2.0	
TEIKIN NO. **48232A**	**TEIKIN NO.** **R 48232**	**TEIKIN NO.** **P 48232**
REFERENCE NO. 06H-107-065-DL K-41197600 N-8744380000 N-8785020002	**REFERENCE NO.** 06K198151 06K198151A 06H198151B/C/J/K/L/N G-0685020000	

41

1600-HIGH, 311 1584 cc

SEDAN BRASILIA 4 cyl.
MOT 1600 (HIGH COMPRESSION)
AIR-COOLED
1971-1992



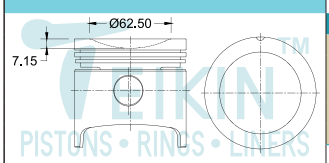
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.052 mm MP: 24.50 mm

Ø 85.50	2 - 2.0	Ø 22.000 TL 72.00
CD 39.45 TL 82.40	1 - 5.0	
TEIKIN NO. **48108**		**TEIKIN NO.** **P 46199**
REFERENCE NO. 311-107-112F KS : 91 322 701		

42

1600-LOW, AM 1584 cc

SEDAN BRASILIA 4 cyl.
COMBI, SAFARI Y HARMIGA
MOT 1600 (LOW COMPRESSION)
1971-1992 AIR-COOLED



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 24.50 mm

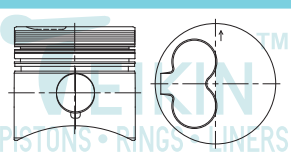
Ø 85.50	2 - 2.0	Ø 22.000 TL 72.00
CD 39.45 -7.1 TL 82.50	1 - 5.0	
TEIKIN NO. **48109**		**TEIKIN NO.** **P 46199**
REFERENCE NO. 311-107-112J KS : 91 320 701		

43

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

ME, JP, JK, DW, CS 1588 cc — 4 cyl.

CR, ACT, 076.1
GOLF, JETTA - DIESEL
1985-92



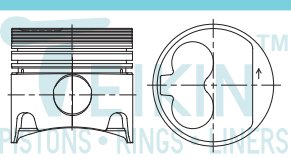
Surface Treatment	Bore Clearance
Chromated	MRC: 0.030 mm MP: 21.00 mm

PISTON SET	RINGS	PIN	FLANGED	NO FLANGE	LINER KIT SET
Ø 76.50 CD 41.70 -1.6 TL 71.70	1 - 1.75 1 - 2.0 1 - 3.0	Ø 24.000 TL 64.00			
TEIKIN NO. 48101A	TEIKIN NO. R 48101	TEIKIN NO. P 48101			
REFERENCE NO. KS : 93 260 600	REFERENCE NO. KS: 8000006110000 MAHLE: 029 54N0 MAHLE: 029 55N0				

44

1G / 1V / CY TURBO 1588 cc — 4 cyl.

DV / MF / JR TURBO
JX / RA / SB TURBO



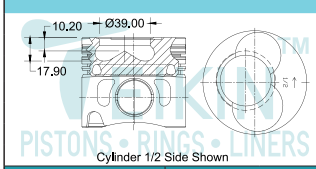
Surface Treatment	Bore Clearance
Chromated Anodized Crown	MRC: 0.012 mm MP: 14.00 mm

PISTON SET	RINGS	PIN	FLANGED	NO FLANGE	LINER KIT SET
Ø 76.50 CD 41.70 -1.6 TL 71.70	1 - 1.75 1 - 2.0 1 - 3.0	Ø 24.000 TL 64.00	TL 145.0 OD 79.5 FT 4.7 FD 81.5		TEIKIN NO. LKSF 48601A
TEIKIN NO. 48601A	TEIKIN NO. R 48601	TEIKIN NO. P 48601	TEIKIN NO. LSF 48601 Surface Treatment None		
REFERENCE NO. KS : 90 732 600 MAHLE: 029 79 00	REFERENCE NO. KS: 800000610000 MAHLE: 029 54/55 N0		REFERENCE NO. KS : 89 163 190 MAHLE: 029 WV 13		

45

AXB TURBO 1896 cc — 4 cyl.

Eurovan (Diesel) 05-09
SOHC 8 Val.
(TDI)



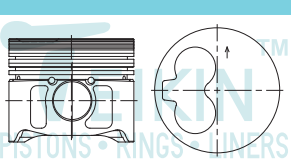
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 6.00 mm

PISTON SET	RINGS	PIN	FLANGED	NO FLANGE	LINER KIT SET
Ø 79.50 CD 45.80 -17.9 TL 68.80	1 - 1.85 1 - 2.0 1 - 3.0	Ø 26.000 TL 65.50			
TEIKIN NO. 48226AG *W/ Insert Bush	TEIKIN NO. R 48226	TEIKIN NO. P 48222			
REFERENCE NO. 038 107 065 EL (CYL 1/2) 038 107 065 EM (CYL 3/4)	REFERENCE NO.				

46

1X / 1Y / AAB 1896 cc — 4 cyl.

ADG / AEF / AJA



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 7.00 mm

PISTON SET	RINGS	PIN	FLANGED	NO FLANGE	LINER KIT SET
Ø 79.50 CD 39.65 -1.9 TL 65.70	1 - 1.75 1 - 2.0 1 - 3.0	Ø 24.000 TL 64.00	TL 152.0 OD 82.5 FT 4.7 FD 85.5		TEIKIN NO. LKSF 48602A
TEIKIN NO. 48602A	TEIKIN NO. R 48602	TEIKIN NO. P 48601	TEIKIN NO. LSF 48602 Surface Treatment None		
REFERENCE NO. KS : 91 386 600 MAHLE: 029 82 00	REFERENCE NO. KS: 800000810000 KS: 800051640000 MAHLE: 030 20 N0		REFERENCE NO. KS : 89 434 190 MAHLE: 029 WV 20		

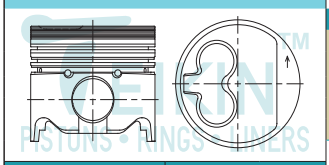
47

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

AAZ/ABL/ADE TURBO 1896 cc — 4 cyl.

Ø 79.50 | 1 - 1.75 / 1 - 2.0 / 1 - 3.0 | Ø 26.000, TL 66.00 | TL 152.0, OD 82.5, FT 4.7, FD 85.5

CD 45.65 / -1.9 / TL 71.65



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
48603A	R 48602	P 48603	LSF 48602

Surface Treatment: None

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.020 mm
Anodized Crown	MP: 10.00 mm

REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
KS : 91 429 600	KS: 800000810000	KS : 89 434 190
MAHLE: 029 96 00	KS: 800051640000	MAHLE: 029 WV 20
	MAHLE: 030 20 N0	

TEIKIN NO. LKSF 48603A

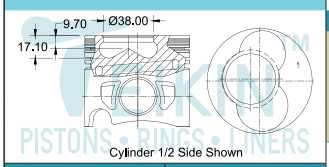
48

ANU/ATD/AVB/AVQ 1896 cc — 4 cyl.

AXR/BEW/BJB/BKC
BRU/BSW/BXE/BXF
BXJ

Ø 79.50 | 1 - 1.75 / 1 - 2.0 / 1 - 3.0 | Ø 26.000, TL 66.00 | TL 152.0, OD 82.5, FT 4.7, FD 85.5

CD 45.80 / -17.1 / TL 68.80



Cylinder 1/2 Side Shown

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
48612AG	R 48612	P G1113	LSF 48612

*W/ Insert Bush

Surface Treatment: None

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.040 mm
	MP: 6.50 mm

REFERENCE NO.	REFERENCE NO.	REFERENCE NO.
038 107 065 CN/CR/DQ (CYL 1/2)	KS: 800000810000	KS : 89 434 190
038 107 065 CP/CT/DR (CYL 3/4)	KS: 800051640000	MAHLE: 029 WV 20
038 107 065 EA/EC/EQ (CYL 1/2)	MAHLE: 03020N0	A-SU351317
038 107 065 EB/ED/ER (CYL 3/4)	G-0811490000	G-1402795000
038 107 065 FA/FE/FG (CYL 1/2)		

TEIKIN NO. LKSF 48612AG

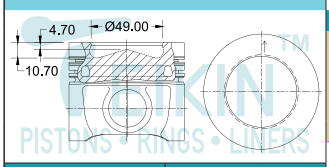
49

CFWA — 3 cyl.

POLO (2009-2014)

Ø 79.51 | 1 - 1.75 / 1 - 2.0 / 1 - 3.0 | Ø 26.000, TL 66.00

CD 45.30 / -10.7 / TL 67.80



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
48220AG-3	R 48220-3	P G1113

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.050 mm
Anodized Crown	MP: 4.50 mm

REFERENCE NO.	REFERENCE NO.
03L107065AE	
03L107065H	
03L107065J	
41 095 600	

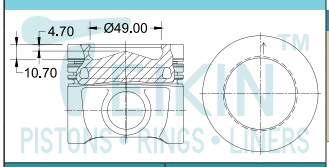
50

CAYA/CAYB/CAYC/CAYD/CAYE/CLNA — 4 cyl.

BEETLE (2011-2019)
GOLF (2004-2014) PASSAT (2005-2015)
TOURAN (2010-2015) CADDY (2004-2017)
JETTA (2004-2015) POLO (2009-2014)

Ø 79.51 | 1 - 1.75 / 1 - 2.0 / 1 - 3.0 | Ø 26.000, TL 66.00

CD 45.30 / -10.7 / TL 67.80



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
48220AG	R 48220	P G1113

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.050 mm
Anodized Crown	MP: 4.50 mm

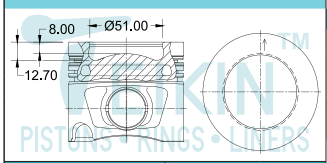
REFERENCE NO.	REFERENCE NO.
03L107065AE	
03L107065H	
03L107065J	
41 095 600	

51

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET

2.0 LT TDI
TRANSPORTA — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 81.00	1 - 1.75 1 - 2.0	Ø 26.000 TL 65.50				
CD 45.80 -12.7 TL 68.80	1 - 3.0					
TEIKIN NO. 48222AG *W/ Insert Bush	**TEIKIN NO.** R 48222	**TEIKIN NO.** P 48222				
REFERENCE NO. 03L 107 065 N 001	**REFERENCE NO.**					

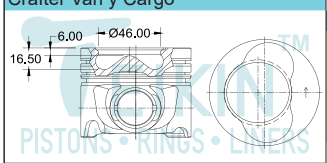


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 6.50 mm

52

BJK TURBO — 2461 cc
Crafter (Diesel) 2008-2011 SOHC 10Vál. TDi (geometría variable) Crafter Van y Cargo — 5 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 81.00	1 - 2.5 1 - 2.0	Ø 26.000 TL 65.50				
CD 45.70 -16.5 TL 68.00	1 - 3.0					
TEIKIN NO. 48227A *W/ Insert Bush		**TEIKIN NO.** P 48222				
REFERENCE NO. 076107065						

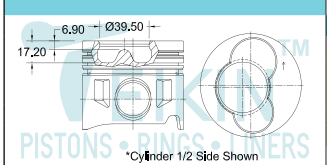


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm MP: 5.50 mm

53

ACV/ AGX/AHD/AHY — 2461 cc
5 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 81.00	1 - 2.5 1 - 2.0	Ø 26.000 TL 68.00		TL 158.0 OD 84.0 FT 5.0 FD 85.0		**TEIKIN NO.** LKSF 48613A
CD 45.75 -17.2 TL 69.75	1 - 3.0					
TEIKIN NO. 48613A *W/ Insert Bush	**TEIKIN NO.** R 48613	**TEIKIN NO.** P 44603		**TEIKIN NO.** LSF 48613 **Surface Treatment** None		
REFERENCE NO. KS : 99742700 (CYL 1/2) MAHLE: 0305800 (CYL 1/2) KS : 99743700 (CYL 3/4/5) MAHLE: 0305900 (CYL 3/4/5) N-8750150000 (CYL 1/2)	**REFERENCE NO.** KS: 800001150000 KS: 800073910000 MAHLE: 030 48 N0 MAHLE: 034 90 N0			**REFERENCE NO.** MAHLE: 029 WV 25 N-1402042000		

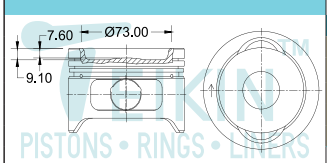


Surface Treatment	Bore Clearance
Moly Skirt Anodized Crown	MRC: 0.040 mm MP: 6.00 mm

54

DJ — 2109 cc
MICROBUS WATER COOLED FUEL INJECTION — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 94.00	1 - 1.75 1 - 2.0	Ø 24.000 TL 64.00				
CD 36.80 -9.1 TL 66.80	1 - 3.5					
TEIKIN NO. 48112	**TEIKIN NO.** R 48112	**TEIKIN NO.** P 48101				
REFERENCE NO. KS : 90 129 600	**REFERENCE NO.** KS: 800026941000 MAHLE: 029 72N0					



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 14.50 mm

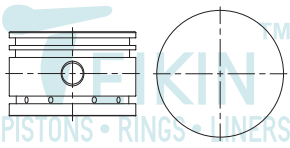
55

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

CLAYTON DEWANDRE

6CF, 9CF, SC6 — 1 cyl.
COMPRESSORS

Ø 66.68	3 - 4.0	Ø 11.11
CD 22.00		TL 57.00
TL 44.25		
TEIKIN NO. G9111		TEIKIN NO. P G9111
REFERENCE NO.		



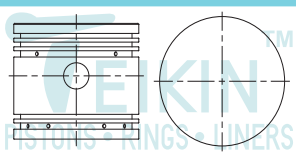
Surface Treatment	Bore Clearance
None	MRC: 0.080 mm MP: 3.20 mm

1

MC2

TUFLO 501 — 2 cyl.
MC 2

Ø 66.68	3 - 2.4 2 - 3.2	Ø 13.495
CD 27.00		TL 59.48
TL 59.51		
TEIKIN NO. G9106		TEIKIN NO. P G9106
REFERENCE NO.		



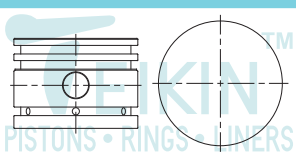
Surface Treatment	Bore Clearance
None	MRC: 0.066 mm MP: 3.00 mm

2

MC3

EL-1300, EL-1600 — 2 cyl.
MC 3

Ø 69.85	3 - 4.7	Ø 14.275
CD 26.24		TL 60.73
TL 50.29		
TEIKIN NO. G9107		TEIKIN NO. P G9107
REFERENCE NO.		



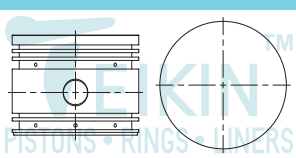
Surface Treatment	Bore Clearance
None	MRC: 0.142 mm MP: - mm

3

MC5

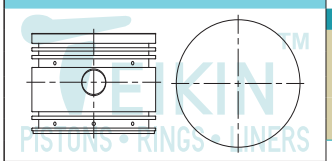
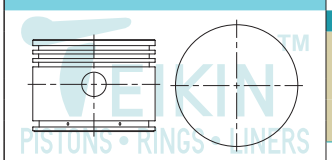
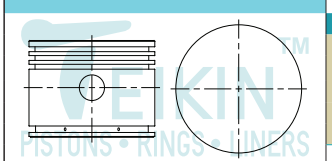
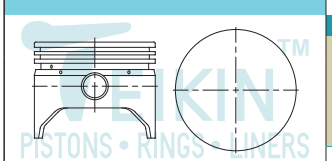
MC M706113 — 2 cyl.
MC 5

Ø 70.50	3 - 2.4 2 - 4.7	Ø 13.495
CD 31.75		TL 62.99
TL 55.32		
TEIKIN NO. G9109		TEIKIN NO. P G9109
REFERENCE NO.		



Surface Treatment	Bore Clearance
None	MRC: 0.056 mm MP: 2.25 mm

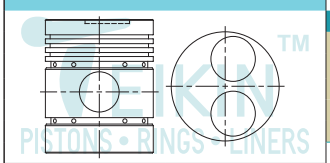
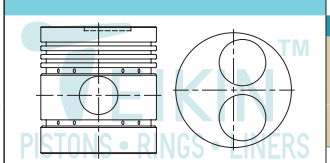
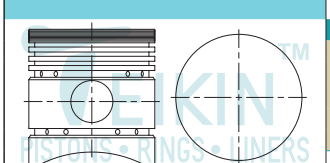
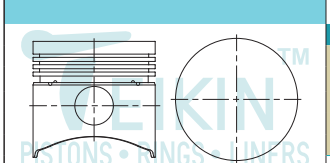
4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
MC6 MC 706114 MC 6 2 cyl.	Ø 70.50 CD 26.97 TL 55.32	3 - 2.4 2 - 4.7	Ø 13.495 TL 62.99					5
	TEIKIN NO. G9110		TEIKIN NO. P G9109					
Surface Treatment: None	REFERENCE NO.							
Bore Clearance: MRC: 0.040 mm MP: 2.25 mm								
6D16 6 cyl.	Ø 80.00 CD 29.40 TL 60.40	3 - 3.0 1 - 4.0	Ø 16.000 TL 71.00					6
	TEIKIN NO. G9112		TEIKIN NO. P G9112					
Surface Treatment: None	REFERENCE NO.							
Bore Clearance: MRC: 0.080 mm MP: 0.50 mm								
6D16T 1 cyl.	Ø 80.00 CD 29.40 TL 60.40	3 - 3.0 1 - 4.0	Ø 16.000 TL 71.00					7
	TEIKIN NO. G9113		TEIKIN NO. P G9112					
Surface Treatment: None	REFERENCE NO.							
Bore Clearance: MRC: 0.080 mm MP: 0.50 mm								
MC1 1 cyl.	Ø 92.08 CD 33.50 TL 72.90	2 - 3.2 1 - 4.8	Ø 17.473 TL 69.85					8
	TEIKIN NO. G9102		TEIKIN NO. P G9102					
Surface Treatment: None	REFERENCE NO.							
Bore Clearance: MRC: 0.096 mm MP: 25.50 mm								

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
MC4	Ø 98.35	3 - 2.0	Ø 17.473					
1 cyl.	CD 33.49	1 - 4.0	TL 69.85					
	TL 68.58							
	TEIKIN NO. G9108		TEIKIN NO. P G9102					
	REFERENCE NO.							

Surface Treatment	Bore Clearance
None	MRC: 0.055 mm MP: 21.00 mm

9

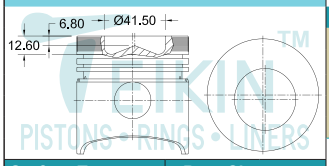
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
KND 3B 1 cyl.	Ø 68.00 CD 44.83 -2.4 TL 82.85	3 - 2.5 2 - 4.0	Ø 25.000 TL 58.00					
	TEIKIN NO. G0101		TEIKIN NO. P G0101					
Surface Treatment: None Bore Clearance: MRC: 0.060 mm MP: 9.00 mm	REFERENCE NO. 14111-21113 14111-21112							1
KND40 1 cyl.	Ø 75.00 CD 44.85 -2.6 TL 82.85	3 - 2.5 2 - 4.0	Ø 25.000 TL 65.00					
	TEIKIN NO. G0116		TEIKIN NO. P G0120					
Surface Treatment: None Bore Clearance: MRC: 0.150 mm MP: 17.00 mm	REFERENCE NO. 14109-21112							2
GA70 GA120 1 cyl.	Ø 75.00 CD 42.95 TL 81.00	3 - 2.5 2 - 4.0	Ø 25.000 TL 65.00					
	TEIKIN NO. G0120		TEIKIN NO. P G0120					
Surface Treatment: None Bore Clearance: MRC: 0.100 mm MP: 12.00 mm	REFERENCE NO. 14441-21110 14441-21112							3
RD 55 1 cyl.	Ø 76.00 CD 40.00 TL 72.10	3 - 2.0 1 - 4.0	Ø 24.000 TL 65.00					
	TEIKIN NO. G0123		TEIKIN NO. P G0111					
Surface Treatment: None Bore Clearance: MRC: 0.100 mm MP: 16.50 mm	REFERENCE NO.							4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

V1512DI

1 cyl.

Ø 76.00	1 - 2.5 HK	Ø 25.000
	1 - 2.0	TL 64.00
CD 43.50		
-12.6	1 - 5.0	
TL 80.00		



TEIKIN NO.	TEIKIN NO.
G0127-1	P 42601

REFERENCE NO.

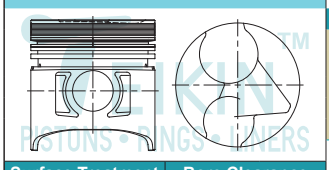
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 18.00 mm

5

1512 TCVS

1 cyl.

Ø 76.00	1 - 2.5 HK	Ø 25.000
	1 - 2.0	TL 64.00
CD 43.60		
-2.1	1 - 5.0	
TL 80.10		



TEIKIN NO.	TEIKIN NO.
G0130A-1	P 42601

REFERENCE NO.

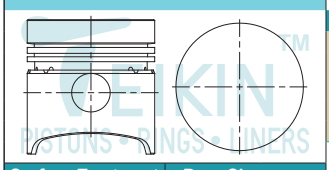
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 16.50 mm

6

V1502

1 cyl.

Ø 76.00	1 - 2.5 HK	Ø 23.000
	1 - 2.0	TL 63.00
CD 43.50		
	1 - 5.0	
TL 80.10		



TEIKIN NO.	TEIKIN NO.
G0131-1	P 51132

REFERENCE NO.
15221-21110

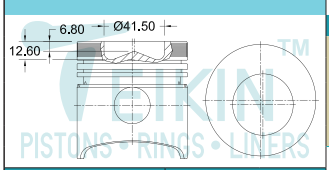
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 19.00 mm

7

V1512DI

4 cyl.

Ø 76.00	1 - 2.5 HK	Ø 25.000
	1 - 2.0	TL 64.00
CD 43.50		
-12.6	1 - 5.0	
TL 80.00		



TEIKIN NO.	TEIKIN NO.
G0127	P 42601

REFERENCE NO.

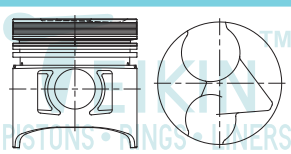
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 18.00 mm

8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET

1512 TCVS — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 76.00 CD 43.60 -2.1 TL 80.10	1 - 2.5 HK 1 - 2.0 1 - 5.0	Ø 25.000 TL 64.00				
TEIKIN NO. G0130A		TEIKIN NO. P 42601				
REFERENCE NO.						

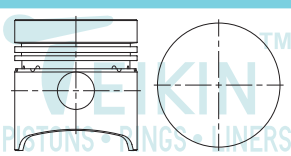


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 16.50 mm

9

V1502 — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 76.00 CD 43.50 TL 80.10	1 - 2.5 HK 1 - 2.0 1 - 5.0	Ø 23.000 TL 63.00				
TEIKIN NO. G0131		TEIKIN NO. P 51132				
REFERENCE NO. 15221-21110						

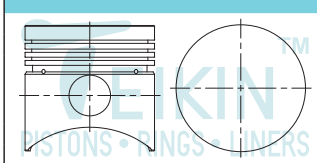


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 19.00 mm

10

KND 70A — 1 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 78.00 CD 43.00 TL 77.00	3 - 2.0 1 - 4.0	Ø 25.000 TL 65.00				
TEIKIN NO. G0103		TEIKIN NO. P G0120				
REFERENCE NO.						

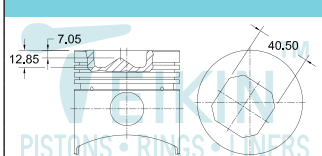


Surface Treatment	Bore Clearance
None	MRC: 0.100 mm MP: 18.00 mm

11

JD75 — 1 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 78.00 CD 43.20 -12.8 TL 77.20	1 - 2.5 HK 2 - 2.0 1 - 4.0	Ø 25.000 TL 65.00				
TEIKIN NO. G0112		TEIKIN NO. P G0120				
REFERENCE NO.						

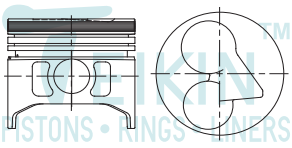


Surface Treatment	Bore Clearance
None	MRC: 0.100 mm MP: 18.00 mm

12

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

4D78 — 1 cyl.

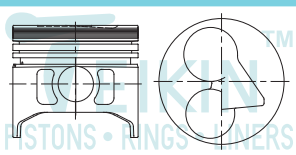


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 18.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 78.00 CD 36.30 -1.8 TL 69.50	1 - 2.0 HK 1 - 1.5 1 - 4.0	Ø 22.000 TL 60.00				
TEIKIN NO. G0135-1	TEIKIN NO. R G0135	TEIKIN NO. P 34102				
REFERENCE NO. 16060-21114	REFERENCE NO.					

13

4D78 — 4 cyl.

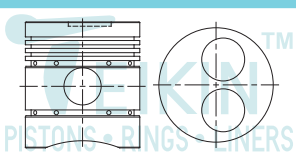


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 18.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 78.00 CD 36.30 -1.8 TL 69.50	1 - 2.0 HK 1 - 1.5 1 - 4.0	Ø 22.000 TL 60.00				
TEIKIN NO. G0135	TEIKIN NO. R G0135	TEIKIN NO. P 34102				
REFERENCE NO. 16060-21114	REFERENCE NO.					

14

KND 5B — 1 cyl.

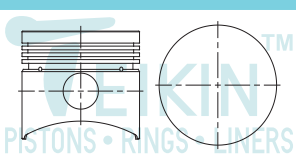


Surface Treatment	Bore Clearance
None	MRC: 0.155 mm MP: 15.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 80.00 CD 44.90 TL 87.90	3 - 2.5 2 - 4.0	Ø 26.000 TL 68.00				
TEIKIN NO. G0102		TEIKIN NO. P 44603				
REFERENCE NO.						

15

RD 65 — 376 cc — 1 cyl.



Surface Treatment	Bore Clearance
None	MRC: 0.105 mm MP: 16.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 80.00 CD 40.00 TL 72.00	3 - 2.0 1 - 4.0	Ø 24.000 TL 65.00				
TEIKIN NO. G0111		TEIKIN NO. P G0111				
REFERENCE NO. 11131-21111						

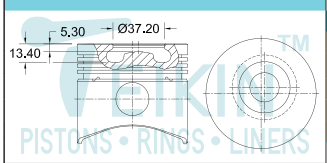
16

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

RD 65 DIS

1 cyl.

Ø 80.00	3 - 2.0	Ø 24.000
CD 40.00		TL 65.00
-13.4	1 - 4.0	
TL 72.00		



TEIKIN NO.	TEIKIN NO.
G0134	P G0111

REFERENCE NO.

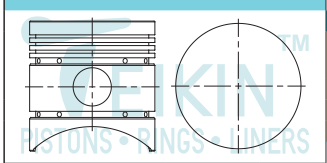
Surface Treatment	Bore Clearance
None	MRC: 0.080 mm MP: 16.50 mm

17

GA80

1 cyl.

Ø 82.00	3 - 2.0	Ø 25.000
CD 42.80		TL 70.00
	2 - 4.0	
TL 85.00		



TEIKIN NO.	TEIKIN NO.
G0113	P G0118

REFERENCE NO.
14351-22221
14351-21112

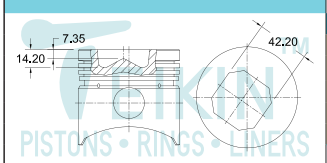
Surface Treatment	Bore Clearance
None	MRC: 0.100 mm MP: 19.00 mm

18

RD 75 443 cc

1 cyl.

Ø 82.00	1 - 2.5 HK 2 - 2.0	Ø 25.000
CD 43.20		TL 64.00
-14.2	1 - 4.5	
TL 77.20		



TEIKIN NO.	TEIKIN NO.
G0121	P 42601

REFERENCE NO.

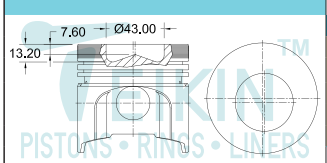
Surface Treatment	Bore Clearance
None	MRC: 0.080 mm MP: 18.00 mm

19

V1702DI

1 cyl.

Ø 82.00	1 - 2.5 HK 1 - 2.0	Ø 25.000
CD 43.60		TL 64.00
-13.2	1 - 5.0	
TL 80.10		

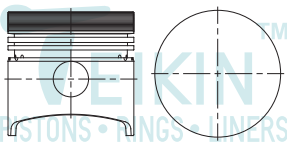
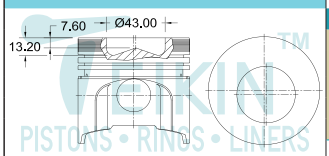
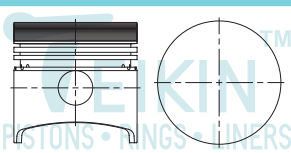
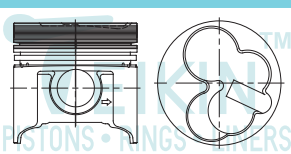


TEIKIN NO.	TEIKIN NO.
G0126-1	P 42601

REFERENCE NO.
17302-21120

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 18.50 mm

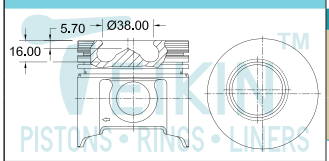
20

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
V1702 1 cyl.	Ø 82.00 CD 43.50 TL 80.00	1 - 2.5 HK 1 - 2.0 1 - 5.0	Ø 23.000 TL 63.00				
	TEIKIN NO. G0129-1		TEIKIN NO. P 51132				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.080 mm MP: 19.50 mm	REFERENCE NO. 15201-21110						21
V1702DI 4 cyl.	Ø 82.00 CD 43.60 -13.2 TL 80.10	1 - 2.5 HK 1 - 2.0 1 - 5.0	Ø 25.000 TL 64.00				
	TEIKIN NO. G0126		TEIKIN NO. P 42601				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.070 mm MP: 18.50 mm	REFERENCE NO. 17302-21120						22
V1702 4 cyl.	Ø 82.00 CD 43.50 TL 80.00	1 - 2.5 HK 1 - 2.0 1 - 5.0	Ø 23.000 TL 63.00				
	TEIKIN NO. G0129		TEIKIN NO. P 51132				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.080 mm MP: 19.50 mm	REFERENCE NO. 15201-21110						23
83MM 1 cyl.	Ø 83.00 CD 43.50 -3.9 TL 80.30	1 - 2.0 HK 1 - 2.0 1 - 3.0	Ø 25.000 TL 64.00				
	TEIKIN NO. G0133A		TEIKIN NO. P 42601				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.030 mm MP: 16.50 mm	REFERENCE NO.						24

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET

D1503
1 cyl.

Ø 83.00	1 - 2.0 HK	Ø 25.000
	1 - 2.0	TL 64.00
CD 43.50		
-16.0	1 - 4.0	
TL 80.00		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
G0600A-1	R G0600-1	P 42601

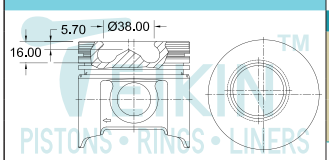
REFERENCE NO.: 1G770-21110
REFERENCE NO.:

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.050 mm MP: 22.00 mm

25

D1503 1499 cc
3 cyl.

Ø 83.00	1 - 2.0 HK	Ø 25.000
	1 - 2.0	TL 64.00
CD 43.50		
-16.0	1 - 4.0	
TL 80.00		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
G0600A	R G0600	P 42601

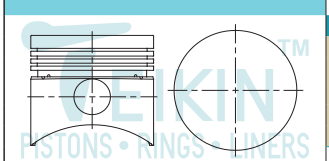
REFERENCE NO.: 1G770-21110
REFERENCE NO.:

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.050 mm MP: 22.00 mm

26

KND 80
1 cyl.

Ø 84.00	3 - 2.0	Ø 25.000
		TL 70.00
CD 43.00	1 - 4.5	
TL 77.00		



TEIKIN NO.	TEIKIN NO.
G0104	P G0118

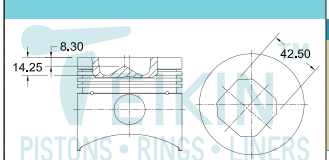
REFERENCE NO.: 14911-2111

Surface Treatment	Bore Clearance
None	MRC: 0.110 mm MP: 18.00 mm

27

KND 85
1 cyl.

Ø 84.00	1 - 2.0 HK	Ø 25.000
	2 - 2.0	TL 70.00
CD 43.30		
-14.3	1 - 4.5	
TL 77.30		

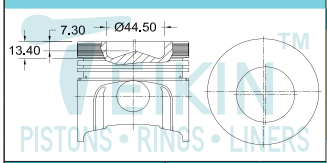
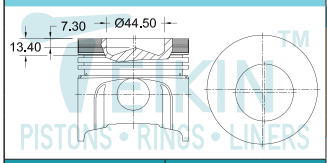
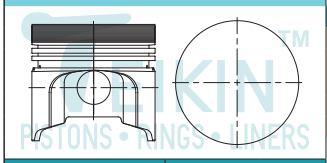
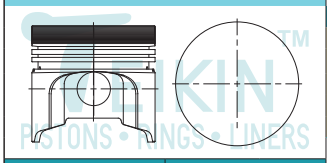


TEIKIN NO.	TEIKIN NO.
G0106	P G0118

REFERENCE NO.:

Surface Treatment	Bore Clearance
None	MRC: 0.091 mm MP: 18.00 mm

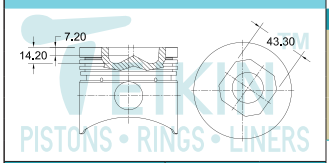
28

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
1902DI 1 cyl.	Ø 85.00 CD 43.60 -13.4 TL 80.10	1 - 2.5 HK 1 - 2.0 1 - 5.0	Ø 25.000 TL 64.00				
	TEIKIN NO. G0132-1		TEIKIN NO. P 42601				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.070 mm MP: 17.00 mm	REFERENCE NO. 17365-21120						29
1902DI 4 cyl.	Ø 85.00 CD 43.60 -13.4 TL 80.10	1 - 2.5 HK 1 - 2.0 1 - 5.0	Ø 25.000 TL 64.00				
	TEIKIN NO. G0132		TEIKIN NO. P 42601				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.070 mm MP: 17.00 mm	REFERENCE NO. 17365-21120						30
4D85 1 cyl.	Ø 85.00 CD 43.40 TL 79.90	1 - 2.5 HK 1 - 2.0 1 - 5.0	Ø 23.000 TL 63.00				
	TEIKIN NO. G0136-1		TEIKIN NO. P 51132				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.070 mm MP: 20.00 mm	REFERENCE NO. 19439-21110 19439-21111						31
4D85 4 cyl.	Ø 85.00 CD 43.40 TL 79.90	1 - 2.5 HK 1 - 2.0 1 - 5.0	Ø 23.000 TL 63.00				
	TEIKIN NO. G0136		TEIKIN NO. P 51132				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.070 mm MP: 20.00 mm	REFERENCE NO. 19439-21110 19439-21111						32

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

RD 85 — 487 cc — 1 cyl.

Ø 86.00	1 - 2.5 HK 2 - 2.0 1 - 4.5	Ø 25.000 TL 70.00				
CD 43.20 -14.2 TL 77.20						
TEIKIN NO. **G0118**		**TEIKIN NO.** **P G0118**				
REFERENCE NO.						

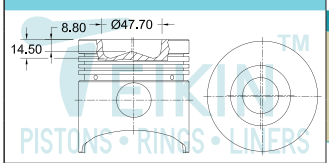


Surface Treatment	Bore Clearance
None	MRC: 0.091 mm MP: 22.20 mm

33

KND 95Di — 1 cyl.

Ø 86.00	1 - 2.5 HK 2 - 2.0 1 - 4.5	Ø 27.000 TL 72.00				
CD 47.20 -14.5 TL 88.00						
TEIKIN NO. **G0119**		**TEIKIN NO.** **P 39125**				
REFERENCE NO.						

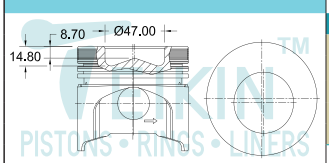


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.090 mm MP: 23.50 mm

34

V2203DI — 1 cyl.

Ø 87.00	1 - 2.5 HK 1 - 2.0 1 - 5.0	Ø 25.000 TL 64.00				
CD 43.50 -14.8 TL 80.00						
TEIKIN NO. **G0125-1** **G0125A-1**		**TEIKIN NO.** **P 42601**				
REFERENCE NO. 16641-21110						

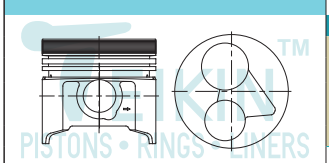


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 17.50 mm

35

V2203 — 1 cyl.

Ø 87.00	1 - 2.5 HK 1 - 2.0 1 - 5.0	Ø 25.000 TL 64.00				
CD 43.50 -1.5 TL 80.00						
TEIKIN NO. **G0128-1** **G0128A-1**		**TEIKIN NO.** **P 42601**				
REFERENCE NO. 19077-21112						

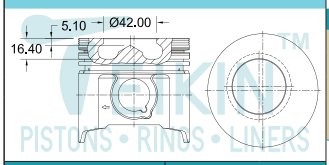


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.00 mm

36

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

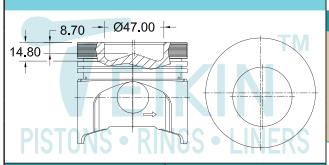
V2403T — 1 cyl.



Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.040 mm MP: 16.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 87.00 CD 43.50 -16.4 TL 80.00	1 - 2.0 HK 1 - 2.0 1 - 4.0	Ø 25.000 TL 64.00				
TEIKIN NO. G0601A-1	TEIKIN NO. R G0601-1	TEIKIN NO. P 42601				
REFERENCE NO. 1G924-2111	REFERENCE NO.					37

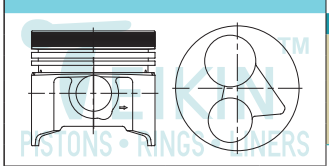
V2203DI — 4 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.060 mm MP: 17.50 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 87.00 CD 43.50 -14.8 TL 80.00	1 - 2.5 HK 1 - 2.0 1 - 5.0	Ø 25.000 TL 64.00				
TEIKIN NO. G0125		TEIKIN NO. P 42601				
REFERENCE NO. 16641-21110						38

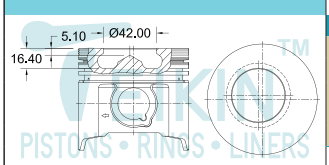
V2203 — 4 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.030 mm MP: 17.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 87.00 CD 43.50 -1.5 TL 80.00	1 - 2.5 HK 1 - 2.0 1 - 5.0	Ø 25.000 TL 64.00				
TEIKIN NO. G0128		TEIKIN NO. P 42601				
REFERENCE NO. 19077-21112						39

V2403T — 2434 cc — 4 cyl.



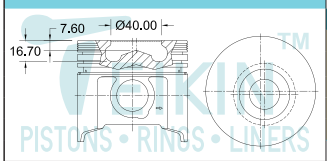
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.040 mm MP: 16.00 mm

PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
Ø 87.00 CD 43.50 -16.4 TL 80.00	1 - 2.0 HK 1 - 2.0 1 - 4.0	Ø 25.000 TL 64.00				
TEIKIN NO. G0601A	TEIKIN NO. G0601	TEIKIN NO. P 42601				
REFERENCE NO. 1G924-2111	REFERENCE NO.					40

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET

V2403 — 2434 cc — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 87.00 CD 43.50 -16.70 TL 80.00	2 - 2.0 1 - 4.0	Ø 25.000 TL 64.00				
TEIKIN NO. G0602		TEIKIN NO. P 42601				
REFERENCE NO. 1G796-2111 1G861-2113-2						

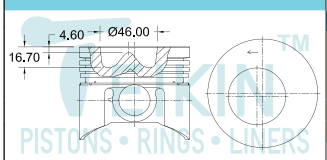


Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.040 mm MP: 16.00 mm

41

RD 85S — 1 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 88.00 CD 43.20 -16.7 TL 75.20	1 - 2.5 HK 2 - 2.0 1 - 4.5	Ø 25.000 TL 70.00				
TEIKIN NO. G0124		TEIKIN NO. P G0118				
REFERENCE NO.						

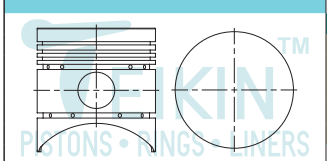


Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.090 mm MP: 15.50 mm

42

GA 90 — ER 65 — 1 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 90.00 CD 48.28 TL 95.28	3 - 2.5 2 - 4.0	Ø 28.000 TL 74.00				
TEIKIN NO. G0114		TEIKIN NO. P G0114				
REFERENCE NO. 14301-21112						

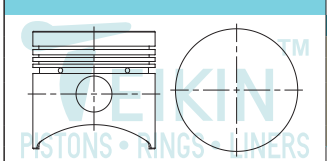


Surface Treatment	Bore Clearance
None	MRC: 0.090 mm MP: 23.50 mm

43

KND 105 — 1 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET
Ø 92.00 CD 47.00 TL 88.00	1 - 2.5 2 - 2.0 1 - 4.5	Ø 27.000 TL 72.00				
TEIKIN NO. G0107		TEIKIN NO. P 39125				
REFERENCE NO. 14931-2111						



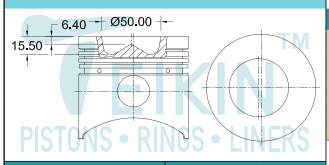
Surface Treatment	Bore Clearance
None	MRC: 0.110 mm MP: 23.00 mm

44

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET

KND 110

1 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.090 mm MP: 22.50 mm

PISTON SET

Ø 92.00

CD 47.10
-15.5
TL 87.90

TEIKIN NO.: G0108

REFERENCE NO.:

RINGS

1 - 2.5 HK
2 - 2.0
1 - 4.5

PIN

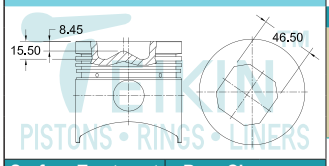
Ø 27.000
TL 72.00

TEIKIN NO.: P 39125

45

RD 105

1 cyl.



Surface Treatment	Bore Clearance
None	MRC: 0.100 mm MP: 22.80 mm

PISTON SET

Ø 92.00

CD 47.20
-15.5
TL 88.20

TEIKIN NO.: G0122

REFERENCE NO.:

RINGS

1 - 2.5 HK
2 - 2.0
1 - 4.5

PIN

Ø 27.000
TL 72.00

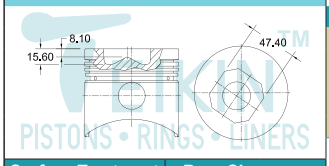
TEIKIN NO.: P 39125

46

RD 115

RK 125

1 cyl.



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 22.50 mm

PISTON SET

Ø 94.00

CD 47.10
-15.6
TL 88.20

TEIKIN NO.: G0137

REFERENCE NO.: 1T061-21110

RINGS

1 - 2.5 HK
2 - 2.0
1 - 4.5

TEIKIN NO.: R G0137

REFERENCE NO.:

PIN

Ø 27.000
TL 72.00

TEIKIN NO.: P 39125

REFERENCE NO.:

TL 158.0
OD 106.0
FT 10.10 + 0.7
FD 114.0

TEIKIN NO.: LFF G0137

Surface Treatment: None

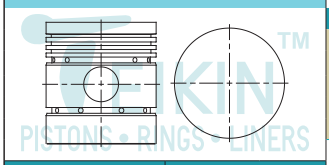
REFERENCE NO.:

TEIKIN NO.: LKFF G0137

47

KND 90/120

1 cyl.



Surface Treatment	Bore Clearance
None	MRC: 0.100 mm MP: 13.00 mm

PISTON SET

Ø 95.00

CD 53.60

TL 105.10

TEIKIN NO.: G0105

REFERENCE NO.:

RINGS

1 - 3.0 HK
2 - 3.0
2 - 5.0

PIN

Ø 30.000
TL 80.00

TEIKIN NO.: P 44654

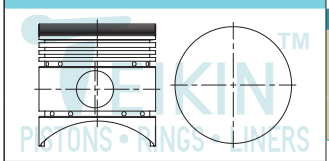
48

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

KND 180

1 cyl.

Ø 110.00	1 - 3.0 HK	Ø 35.000
CD 61.30	2 - 3.0	TL 95.00
TL 115.00	2 - 5.0	



TEIKIN NO.	TEIKIN NO.
G0109	P G0109
REFERENCE NO.	

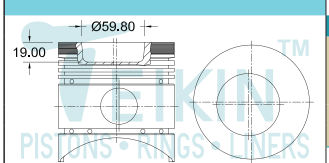
Surface Treatment	Bore Clearance
None	MRC: 0.100 mm MP: 25.00 mm

49

KND 190

1 cyl.

Ø 110.00	1 - 2.5 HK	Ø 35.000
CD 61.20 -19.0	2 - 3.0	TL 95.00
TL 115.30	2 - 5.0	



TEIKIN NO.	TEIKIN NO.
G0110	P G0109
REFERENCE NO.	

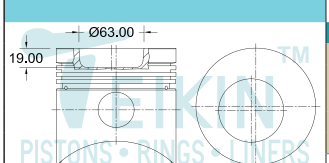
Surface Treatment	Bore Clearance
None	MRC: 0.120 mm MP: 24.00 mm

50

KND 220

1 cyl.

Ø 116.00	1 - 3.0 HK	Ø 35.000
CD 61.25 -19.0	2 - 2.5	TL 95.00
TL 115.25	1 - 5.0	



TEIKIN NO.	TEIKIN NO.
G0115	P G0109
REFERENCE NO. 19129-21110	

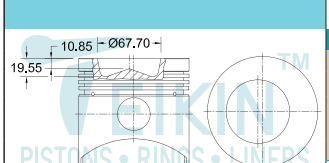
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.130 mm MP: 30.00 mm

51

KND 250

1 cyl.

Ø 118.00	1 - 3.2 HK	Ø 35.000
CD 59.70 -19.6	2 - 2.5	TL 95.00
TL 113.80	1 - 5.0	



TEIKIN NO.	TEIKIN NO.
G0117	P G0109
REFERENCE NO.	

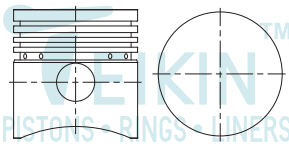
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.170 mm MP: 32.00 mm

52

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

NM45 — 265 cc — 1 cyl.

Ø 65.00	3 - 2.5	Ø 20.000
CD 38.10	1 - 4.0	TL 52.00
TL 67.50		
TEIKIN NO. G2105		TEIKIN NO. P G2101
REFERENCE NO. MM 302500		

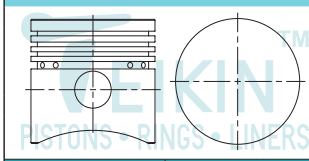


Surface Treatment	Bore Clearance
None	MRC: 0.080 mm MP: 13.00 mm

1

MN55 — 1 cyl.

Ø 68.00	3 - 2.5	Ø 20.000
CD 38.00	1 - 4.0	TL 52.00
TL 67.00		
TEIKIN NO. G2101		TEIKIN NO. P G2101
REFERENCE NO.		

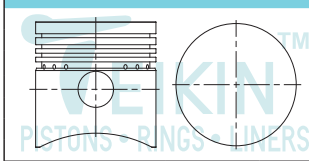


Surface Treatment	Bore Clearance
None	MRC: 0.070 mm MP: - mm

2

NM75 — 406 cc — 1 cyl.

Ø 78.00	3 - 2.5	Ø 23.000
CD 43.00	1 - 4.0	TL 65.00
TL 80.00		
TEIKIN NO. G2104		TEIKIN NO. P G2104
REFERENCE NO. MM 400470		

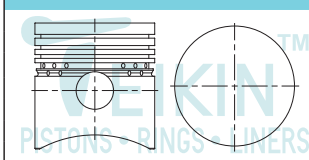


Surface Treatment	Bore Clearance
None	MRC: 0.120 mm MP: 17.00 mm

3

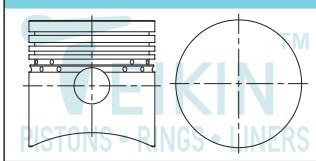
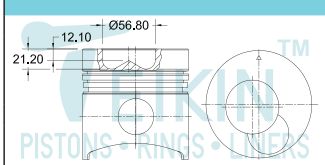
NM90 — 477 cc — 1 cyl.

Ø 80.00	3 - 2.5	Ø 25.000
CD 45.00	1 - 4.0	TL 67.00
TL 84.00		
TEIKIN NO. G2106		TEIKIN NO. P 39157
REFERENCE NO. MM 404575		



Surface Treatment	Bore Clearance
None	MRC: 0.120 mm MP: 18.00 mm

4

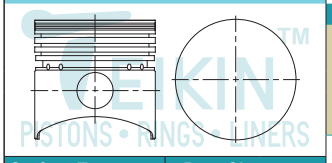
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
MN 110 1 cyl.	Ø 88.00 CD 45.20 TL 87.20	3 - 2.5 HK 1 - 4.0	Ø 25.000 TL 67.00					
	TEIKIN NO. G2103		TEIKIN NO. P 39157					
Surface Treatment: None Bore Clearance: MRC: 0.080 mm MP: 25.00 mm	REFERENCE NO.							5
MN 240 1 cyl.	Ø 113.00 CD 71.00 -21.2 TL 116.00	1 - 3.0 FK 1 - 2.5 1 - 5.0	Ø 38.000 TL 90.00					
	TEIKIN NO. G2102		TEIKIN NO. P 43102					
Surface Treatment: Tin Coated Bore Clearance: MRC: - mm MP: - mm	REFERENCE NO. MM 334687							6

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

TS 50

1 cyl.

Ø 70.00	3 - 2.0	Ø 21.000
CD 40.90	1 - 4.0	TL 59.00
TL 69.00		
TEIKIN NO. G1101		**TEIKIN NO.** P 45131
REFERENCE NO. 105140-22020		



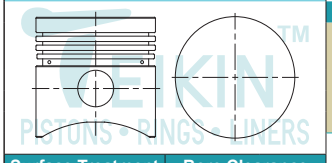
Surface Treatment	Bore Clearance
None	MRC: 0.098 mm MP: 15.20 mm

1

TS 50-II

1 cyl.

Ø 70.00	3 - 2.0	Ø 21.000
CD 41.00	1 - 4.0	TL 59.00
TL 69.00		
TEIKIN NO. G1603		**TEIKIN NO.** P 45131
REFERENCE NO. 104100-22090		



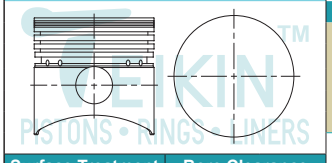
Surface Treatment	Bore Clearance
None	MRC: 0.090 mm MP: 13.50 mm

2

TS 60

1 cyl.

Ø 75.00	3 - 2.0	Ø 23.000
CD 41.50	1 - 4.0	TL 63.00
TL 72.00		
TEIKIN NO. G1102	**TEIKIN NO.** R G1102	**TEIKIN NO.** P 51132
REFERENCE NO. 105240-22020C	**REFERENCE NO.** 704200-22501	



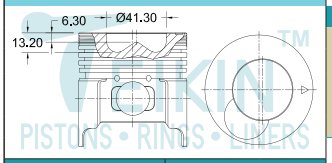
Surface Treatment	Bore Clearance
None	MRC: 0.094 mm MP: 15.50 mm

3

TF 55

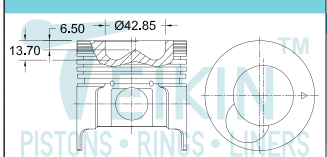
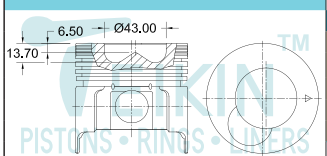
1 cyl.

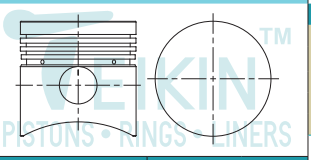
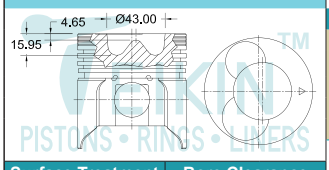
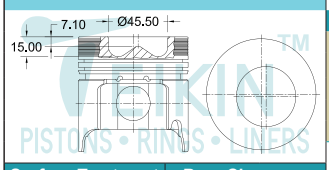
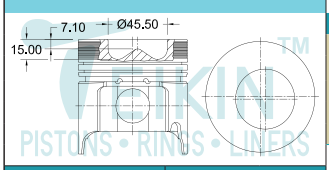
Ø 75.00	3 - 2.0	Ø 23.000	TL 140.5	**TEIKIN NO.**
CD 44.80		TL 60.00	OD 89.45	**LKFF G1118**
-13.2	1 - 4.0		FT 8.04	
TL 77.80			FD 96.4	
TEIKIN NO. G1118	**TEIKIN NO.** R G1118	**TEIKIN NO.** P G1118	**TEIKIN NO.** LFF G1118	
			Surface Treatment None	
REFERENCE NO. 105100-22091	**REFERENCE NO.** 704200-22502		**REFERENCE NO.** 105200-01900	

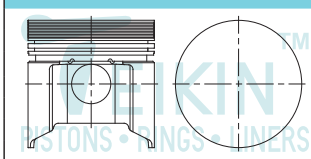
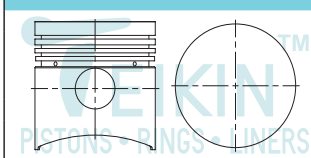
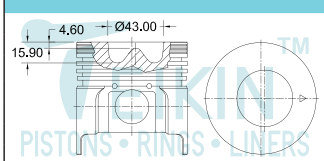
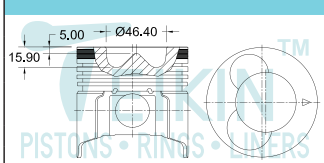


Surface Treatment	Bore Clearance
None	MRC: 0.090 mm MP: 19.00 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
TS 60-II 1 cyl.	Ø 75.00 CD 41.50 TL 72.00	3 - 2.0 1 - 4.0	Ø 23.000 TL 63.00					
	TEIKIN NO. G1604	TEIKIN NO. R G1102	TEIKIN NO. P 51132					
	REFERENCE NO. 104200-22090	REFERENCE NO. 704200-22501						
Surface Treatment: None — Bore Clearance: MRC: 0.110 mm, MP: 13.50 mm								5
TF 65 1 cyl.	Ø 78.00 CD 44.80 -13.7 TL 77.80	3 - 2.0 1 - 4.0	Ø 23.000 TL 60.00					
	TEIKIN NO. G1111		TEIKIN NO. P G1111					
	REFERENCE NO.							
Surface Treatment: None — Bore Clearance: MRC: 0.110 mm, MP: 19.25 mm								6
TF 65-II 1 cyl.	Ø 78.00 CD 44.80 -13.7 TL 77.80	3 - 2.0 1 - 4.0	Ø 23.000 TL 60.00					
	TEIKIN NO. G1120		TEIKIN NO. P G1118					
	REFERENCE NO.							
Surface Treatment: None — Bore Clearance: MRC: 0.110 mm, MP: 19.25 mm								7
TS 70-II 1 cyl.	Ø 79.90 CD 44.50 TL 80.00	3 - 2.5 1 - 4.0	Ø 26.000 TL 66.00					
	TEIKIN NO. G1605	TEIKIN NO. R G1103	TEIKIN NO. P G1113					
	REFERENCE NO. 104300-22090	REFERENCE NO. 704300-22501						
Surface Treatment: None — Bore Clearance: MRC: 0.040 mm, MP: 17.50 mm								8

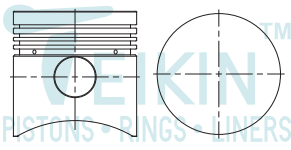
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
TS 70 1 cyl.	Ø 80.00 CD 44.50 TL 80.00	3 - 2.5 1 - 4.0	Ø 26.000 TL 66.00				
	TEIKIN NO. G1103	TEIKIN NO. R G1103	TEIKIN NO. P G1113				
Surface Treatment: None	REFERENCE NO. 10811-22111	REFERENCE NO. 704300-22501					
Bore Clearance: MRC: 0.095 mm MP: 16.25 mm							9
TF 75 1 cyl.	Ø 80.00 CD 49.30 -15.9 TL 85.80	3 - 2.5 1 - 4.0	Ø 26.000 TL 65.50				
	TEIKIN NO. G1112		TEIKIN NO. P G1112				
Surface Treatment: None	REFERENCE NO.						
Bore Clearance: MRC: 0.110 mm MP: 20.25 mm							10
4D84 1 cyl.	Ø 84.00 CD 50.30 -15.0 TL 86.80	2 - 2.0 1 - 4.0	Ø 26.000 TL 66.00				
	TEIKIN NO. G1121-1		TEIKIN NO. P G1113				
Surface Treatment: None	REFERENCE NO.						
Bore Clearance: MRC: 0.060 mm MP: 20.00 mm							11
4D84 4 cyl.	Ø 84.00 CD 50.30 -15.0 TL 86.80	2 - 2.0 1 - 4.0	Ø 26.000 TL 66.00				
	TEIKIN NO. G1121		TEIKIN NO. P G1113				
Surface Treatment: None	REFERENCE NO.						
Bore Clearance: MRC: 0.060 mm MP: 20.00 mm							12

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
3D84-II 4 cyl.	Ø 84.00 CD 42.00 TL 84.00	2 - 2.0 1 - 4.0	Ø 26.000 TL 66.00				13
	TEIKIN NO. G1123		TEIKIN NO. P G1113				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.130 mm MP: 20.00 mm	REFERENCE NO. 129367-22020						
TS 105 1 cyl.	Ø 85.00 CD 46.00 TL 88.00	3 - 2.5 1 - 4.0	Ø 28.000 TL 71.00				14
	TEIKIN NO. G1104	TEIKIN NO. R G1104	TEIKIN NO. P 44684				
Surface Treatment: None Bore Clearance: MRC: 0.110 mm MP: 18.00 mm	REFERENCE NO. 703438-22020	REFERENCE NO. 704500-22500					
TF 85 1 cyl.	Ø 85.00 CD 49.30 -15.9 TL 85.80	3 - 2.5 1 - 4.0	Ø 26.000 TL 66.00				15
	TEIKIN NO. G1113		TEIKIN NO. P G1113				
Surface Treatment: None Bore Clearance: MRC: 0.120 mm MP: 18.00 mm	REFERENCE NO. 1054002-22020						
TF 85-II 1 cyl.	Ø 85.00 CD 49.30 -15.9 TL 85.80	3 - 2.5 1 - 4.0	Ø 26.000 TL 66.00		TL 154.0 OD 97.9 FT 9.0 FD 104.0		TEIKIN NO. LKFF G1115 16
	TEIKIN NO. G1115		TEIKIN NO. P G1113		TEIKIN NO. LFF G1115		
Surface Treatment: None Bore Clearance: MRC: 0.120 mm MP: 18.00 mm	REFERENCE NO. 105400-22090				Surface Treatment: None REFERENCE NO. 705400-01900		

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

TS 105-II — 1 cyl.

Ø 85.00	3 - 2.5	Ø 28.000
CD 46.00	1 - 4.0	TL 71.00
TL 88.00		
TEIKIN NO. G1601	**TEIKIN NO.** R G1104	**TEIKIN NO.** P 44684
REFERENCE NO. 104500-22090	**REFERENCE NO.** 704500-22500	

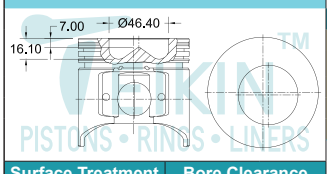


Surface Treatment	Bore Clearance
None	MRC: 0.110 mm MP: 18.00 mm

17

4TNE86 — 2091 cc — 4 cyl.

Ø 86.00	2 - 2.0	Ø 26.000
CD 47.20 -16.1	1 - 4.0	TL 70.00
TL 84.00		
TEIKIN NO. G1607		**TEIKIN NO.** P 32139
REFERENCE NO. 729486-22090		

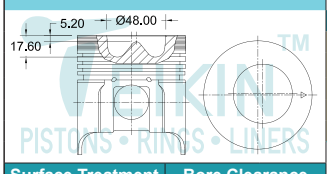


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 20.00 mm

18

TF 105 — 1 cyl.

Ø 88.00	3 - 2.5	Ø 28.000
CD 54.25 -17.6	1 - 4.0	TL 70.00
TL 96.75		
TEIKIN NO. G1114		**TEIKIN NO.** P G1114
REFERENCE NO.		

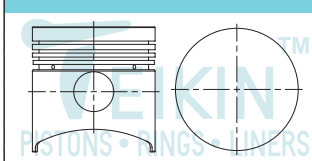


Surface Treatment	Bore Clearance
None	MRC: 0.136 mm MP: 24.00 mm

19

TS 130 — 1 cyl.

Ø 92.00	3 - 2.5	Ø 30.000
CD 48.70	1 - 4.0	TL 73.00
TL 94.00		
TEIKIN NO. G1105	**TEIKIN NO.** R G1105	**TEIKIN NO.** P G1105
REFERENCE NO. 104620-22021 104600-22091	**REFERENCE NO.** 704600-22501	



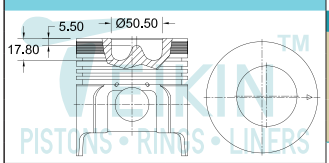
Surface Treatment	Bore Clearance
None	MRC: 0.140 mm MP: 23.65 mm

20

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

TF 120 — 638 cc — 1 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 92.00	3 - 2.5	Ø 28.000		TL 170.5		TEIKIN NO.
CD 54.30		TL 71.00		OD 105.98		LKFF G1606
-17.8	1 - 4.0			FT 9.0		
TL 96.80				FD 112.0		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
G1606	R G1606	P 44684		LFF G1606		
				Surface Treatment		
				None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		

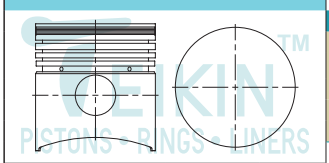


Surface Treatment	Bore Clearance
None	MRC: 0.160 mm MP: 25.00 mm

21

TS 155 — 1 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 95.00	3 - 2.5	Ø 32.000				
CD 56.50		TL 80.00				
	1 - 4.5					
TL 100.60						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
G1106	R G1106	P G1106				
REFERENCE NO.	REFERENCE NO.					
104700-220	704700-22500					
704700-22722						

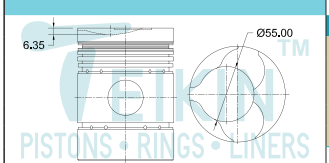


Surface Treatment	Bore Clearance
None	MRC: 0.150 mm MP: 19.00 mm

22

2T — 1 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 95.00	1 - 3.5	Ø 35.000				
	2 - 2.5	TL 80.00				
CD 69.00						
-6.3	2 - 4.5					
TL 131.00						
TEIKIN NO.		TEIKIN NO.				
G1110		P G1110				
G1110A						
REFERENCE NO.						
123220-22031						

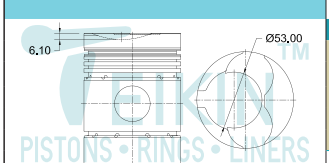


Surface Treatment	Bore Clearance
None	MRC: 0.120 mm MP: 18.00 mm

23

3T — 1 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 95.00	1 - 3.5	Ø 35.000				
	2 - 2.5	TL 80.00				
CD 69.10						
-6.1	2 - 4.5					
TL 131.00						
TEIKIN NO.		TEIKIN NO.				
G1119A		P G1110				
REFERENCE NO.						



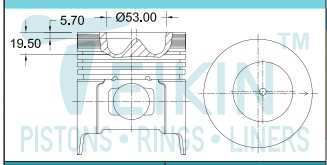
Surface Treatment	Bore Clearance
None	MRC: 0.160 mm MP: 40.00 mm

24

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET

TF 140 — 1 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 96.00	3 - 2.5	Ø 32.000		TL 188.2		TEIKIN NO.
CD 61.20		TL 80.00		OD 116.92		LKFF G1122
-19.5	1 - 4.5			FT 10.0 + 1.2		
TL 108.20				FD 123.85		
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.		TEIKIN NO.		
G1122	R G1122	P G1106		LFF G1122		
				Surface Treatment: None		
REFERENCE NO.	REFERENCE NO.			REFERENCE NO.		
105700-22090						

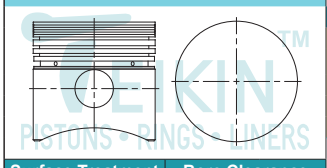


Surface Treatment	Bore Clearance
None	MRC: 0.120 mm MP: 25.00 mm

25

TS 180 — 1 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 102.00	3 - 2.5	Ø 32.000				
CD 56.30		TL 80.00				
	1 - 4.5					
TL 100.50						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
G1107	R G1107	P G1106				
REFERENCE NO.	REFERENCE NO.					
104800-22021	704800-22501					

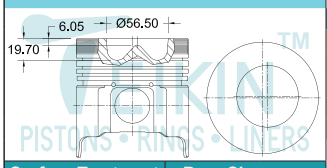


Surface Treatment	Bore Clearance
None	MRC: 0.160 mm MP: 19.60 mm

26

TF 155 — 1 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 102.00	3 - 2.5	Ø 32.000				
CD 61.20		TL 79.80				
-19.7	1 - 4.5					
TL 108.20						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
G1116	R G1116	P G1116				
REFERENCE NO.	REFERENCE NO.					
105800-22090						

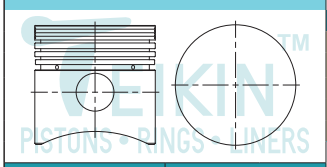


Surface Treatment	Bore Clearance
None	MRC: 0.130 mm MP: 27.00 mm

27

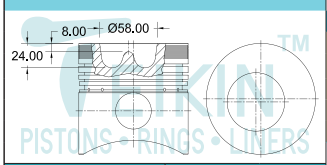
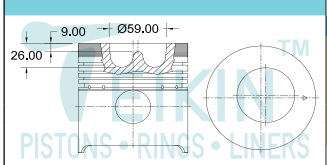
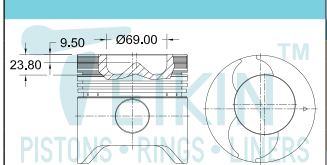
TS 180-II — 1 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 102.00	3 - 2.5	Ø 32.000				
CD 56.50		TL 80.80				
	1 - 4.5					
TL 100.50						
TEIKIN NO.	TEIKIN NO.	TEIKIN NO.				
G1602	R G1107	P G1602				
REFERENCE NO.	REFERENCE NO.					
104800-11091	704800-22501					



Surface Treatment	Bore Clearance
None	MRC: 0.150 mm MP: 19.60 mm

28

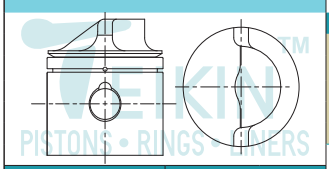
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
TS 190 1 cyl.	Ø 109.90 CD 66.70 -24.0 TL 109.50	3 - 2.5 1 - 4.5	Ø 36.000 TL 89.50				
	TEIKIN NO. G1108	TEIKIN NO. R G1108	TEIKIN NO. P G1108				
Surface Treatment: None Bore Clearance: MRC: 0.065 mm MP: 19.35 mm	REFERENCE NO. 105890-22020	REFERENCE NO.					29
TS 230 1 cyl.	Ø 112.00 CD 68.70 -26.0 TL 118.00	3 - 2.5 1 - 4.5	Ø 36.000 TL 89.30				
	TEIKIN NO. G1109		TEIKIN NO. P G1109				
Surface Treatment: None Bore Clearance: MRC: 0.180 mm MP: 19.65 mm	REFERENCE NO. 105990-22021						30
TF 300 1 cyl.	Ø 125.00 CD 71.50 -23.8 TL 126.50	3 - 2.5 1 - 5.0	Ø 38.000 TL 98.00				
	TEIKIN NO. G1117 G1117A		TEIKIN NO. P G1117				
Surface Treatment: None Bore Clearance: MRC: 0.170 mm MP: 27.50 mm	REFERENCE NO. 105950-22092						31

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

CROSS FLOW 2.1880”

9.9 - 15 HP — 2 cyl.

Ø 55.58	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
CD 24.90 +14.8	1 - 2.0 HK 1 - 1.6	Ø 14.260 TL 46.00				
TL 63.80						
TEIKIN NO. M3101		TEIKIN NO. P M3101				
REFERENCE NO.						



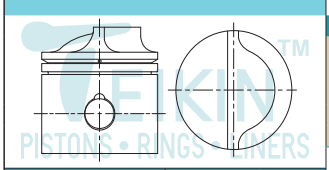
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 3.00 mm

1

CROSS FLOW 3.0000”

20 - 35 HP — 2 cyl.

Ø 76.20	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
CD 39.60 +16.1	1 - 2.5 HK 1 - 1.6	Ø 19.050 TL 67.20				
TL 81.00						
TEIKIN NO. M3103		TEIKIN NO. P M3102				
REFERENCE NO.						



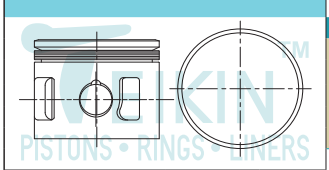
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 2.00 mm

2

LOOPER 3.0000”

60 - 75 HP — 3 cyl.

Ø 76.20	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
CD 38.30	1 - 2.5 HK 1 - 1.6	Ø 19.050 TL 67.20				
TL 63.40						
TEIKIN NO. M3102		TEIKIN NO. P M3102				
REFERENCE NO.						



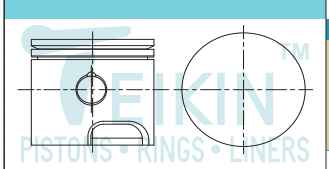
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.195 mm MP: 6.50 mm

3

LOOPER 3.1875”

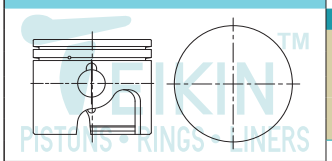
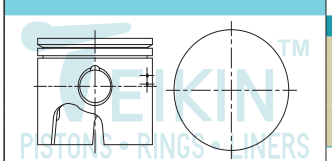
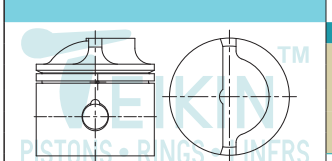
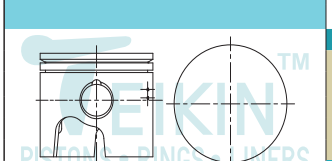
35 - 60 HP — 2 cyl.

Ø 80.96	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
CD 36.00	1 - 2.54 HK 1 - 1.59	Ø 19.050 TL 71.20				
TL 75.50						
TEIKIN NO. M3105		TEIKIN NO. P M3104				
REFERENCE NO.						



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 2.00 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
LOOPER 50, 60, 65 - 70 HP — 3 cyl.	Ø 80.96 CD 30.50 TL 66.00	2 - 2.0 HK	Ø 19.050 TL 71.20				5
	TEIKIN NO. M3104		TEIKIN NO. P M3104				
Surface Treatment: Tin Coated	REFERENCE NO.						
Bore Clearance: MRC: 0.105 mm MP: 6.00 mm							
LOOPER 3.5000” 120 - 300 HP — 4 cyl. V4	Ø 88.90 CD 35.30 TL 78.30	1 - 2.54 HK 1 - 1.59	Ø 24.000 TL 77.50				6
	TEIKIN NO. M3106P M3106S		TEIKIN NO. P M3106P				
Surface Treatment: Tin Coated	REFERENCE NO.						
Bore Clearance: MRC: 0.090 mm MP: 2.00 mm							
CROSS FLOW 3.5000” 85 - 300 HP — 4 cyl. V4	Ø 88.90 CD 39.90 +19.6 TL 89.20	1 - 2.54 HK 1 - 1.59	Ø 19.050 TL 79.20				7
	TEIKIN NO. M3107		TEIKIN NO. P M3107				
Surface Treatment: Tin Coated	REFERENCE NO.						
Bore Clearance: MRC: 0.095 mm MP: 2.00 mm							
LOOPER 3.5000” 120 - 300 HP — 6 cyl. V6	Ø 88.90 CD 35.30 TL 78.30	1 - 2.54 HK 1 - 1.59	Ø 24.000 TL 77.50				8
	TEIKIN NO. M3106P-6 M3106S-6		TEIKIN NO. P M3106P				
Surface Treatment: Tin Coated	REFERENCE NO.						
Bore Clearance: MRC: 0.090 mm MP: 2.00 mm							

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

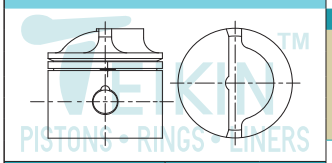
CROSS FLOW 3.5000”

85 - 300 HP — 6 cyl.
V6

Ø	88.90
CD	39.90
	+19.6
TL	89.20

RINGS: 1 - 2.54 HK; 1 - 1.59

PIN: Ø 19.050; TL 79.20



PISTON SET TEIKIN NO.	PIN TEIKIN NO.
M3107-6	P M3107

REFERENCE NO.

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.095 mm MP: 2.00 mm

9

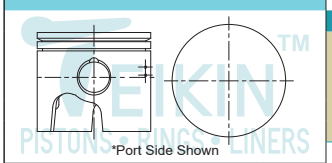
LOOPER 3.5000”

120 - 300 HP — 8 cyl.
V8

Ø	88.90
CD	35.30
TL	78.30

RINGS: 1 - 2.54 HK; 1 - 1.59

PIN: Ø 24.000; TL 77.50



*Port Side Shown

PISTON SET TEIKIN NO.	PIN TEIKIN NO.
M3106P-8 M3106S-8	P M3106P

REFERENCE NO.

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.090 mm MP: 2.00 mm

10

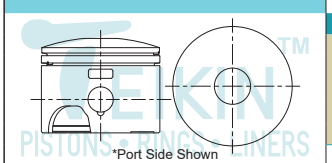
3.600”

V4 — 4 cyl.
60°
90, 105 - 115 HP
150 - 175 HP

Ø	91.44
CD	39.80
	+7.0
TL	72.60

RINGS: 2 - 2.0 HK

PIN: Ø 19.050; TL 71.20



*Port Side Shown

PISTON SET TEIKIN NO.	PIN TEIKIN NO.
M3108P M3108S	P M3104

REFERENCE NO.

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.085 mm MP: 6.50 mm

11

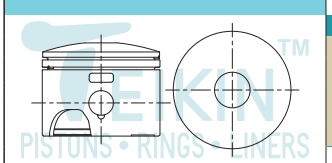
3.600”

V6 — 6 cyl.
60°
90, 105 - 115 HP
150 - 175 HP

Ø	91.44
CD	39.80
	+7.0
TL	72.60

RINGS: 2 - 2.0 HK

PIN: Ø 19.050; TL 71.20



PISTON SET TEIKIN NO.	PIN TEIKIN NO.
M3108P-6 M3108S-6	P M3104

REFERENCE NO.

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.085 mm MP: 6.50 mm

12

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE (LINER)	LINER KIT SET

CROSS FLOW 3.6250”

150 - 235 HP — 6 cyl.
V6

Ø	92.07
CD	39.90
	+19.6
TL	89.20

1 - 2.54 HK
1 - 1.59

Ø	19.050
TL	79.20

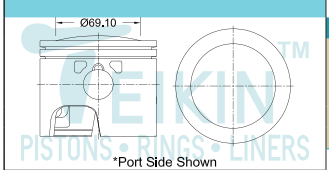
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.130 mm MP: 2.00 mm

	PISTON SET	PIN
TEIKIN NO.	M3109	P M3107
REFERENCE NO.		

13

3.685”

1993 - 2000 — 4 cyl.
90°
(Finger Ported) V4
120, 125, 200 - 225 HP



Ø	93.60
CD	35.30
	+3.9
TL	81.00

2 - 2.0 HK

Ø	24.000
TL	77.50

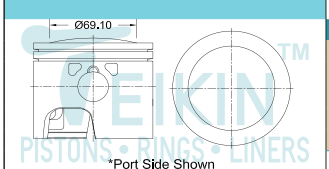
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 11.15 mm

	PISTON SET	PIN
TEIKIN NO.	M3110P M3110S	P M3106P
REFERENCE NO.		

14

3.685”

1993 - 2000 — 6 cyl.
90°
(Finger Ported) V6
120, 125, 200 - 225 HP



Ø	93.60
CD	35.30
	+3.9
TL	81.00

2 - 2.0 HK

Ø	24.000
TL	77.50

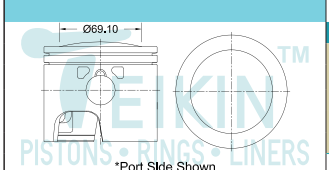
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 11.15 mm

	PISTON SET	PIN
TEIKIN NO.	M3110P-6 M3110S-6	P M3106P
REFERENCE NO.		

15

3.685”

1993 - 2000 — 8 cyl.
90°
(Finger Ported) V8
120, 125, 200 - 225 HP



Ø	93.60
CD	35.30
	+3.9
TL	81.00

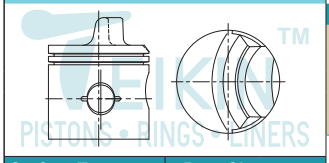
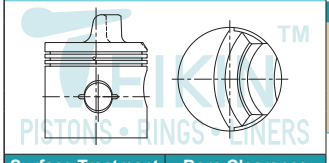
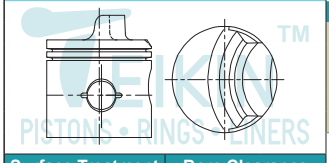
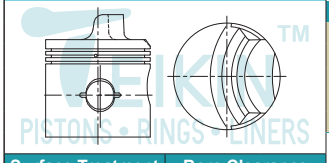
2 - 2.0 HK

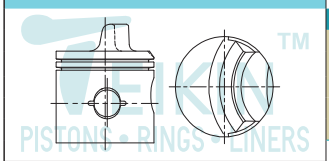
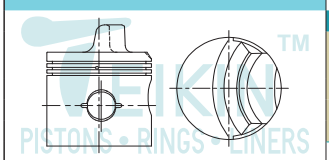
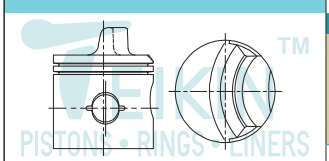
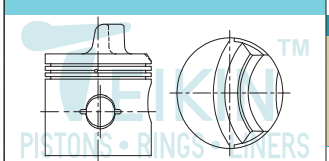
Ø	24.000
TL	77.50

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.080 mm MP: 11.15 mm

	PISTON SET	PIN
TEIKIN NO.	M3110P-8 M3110S-8	P M3106P
REFERENCE NO.		

16

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET
HIGH DOME 2.8750” 35 - 140 HP — 2 cyl.	Ø 73.03 CD 38.00 +19.6 TL 86.50	2 - 2.24 HK	Ø 19.550 TL 61.00				
	TEIKIN NO. M2103		TEIKIN NO. P M2101				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.085 mm MP: 1.50 mm	REFERENCE NO.						1
HIGH DOME 2.8750” -II 35 - 140 HP — 2 cyl.	Ø 73.03 CD 38.00 +19.6 TL 86.50	2 - 1.5 1 - 1.5	Ø 19.550 TL 61.00				
	TEIKIN NO. M2104		TEIKIN NO. P M2101				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.085 mm MP: 1.50 mm	REFERENCE NO.						2
LOW DOME 2.8750” 50 - 150 HP — 3 cyl.	Ø 73.03 CD 38.00 +17.1 TL 83.90	2 - 2.24 HK	Ø 19.550 TL 61.00				
	TEIKIN NO. M2101		TEIKIN NO. P M2101				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.085 mm MP: 1.50 mm	REFERENCE NO.						3
LOW DOME 2.8750”-II 50 - 150 HP — 3 cyl.	Ø 73.03 CD 38.00 +17.1 TL 83.90	2 - 1.59 1 - 1.59	Ø 19.550 TL 61.00				
	TEIKIN NO. M2102		TEIKIN NO. P M2101				
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.085 mm MP: 1.50 mm	REFERENCE NO.						4

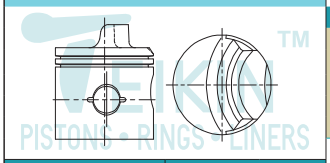
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	LINER NO FLANGE	LINER KIT SET
HIGH DOME 2.8750” 35 - 140 HP — 3 cyl.	Ø 73.03 CD 38.00 +19.6 TL 86.50	2 - 2.24 HK	Ø 19.550 TL 61.00				
	TEIKIN NO. M2103-3		TEIKIN NO. P M2101				
Surface Treatment: Tin Coated	REFERENCE NO.						5
Bore Clearance: MRC: 0.085 mm MP: 1.50 mm							
HIGH DOME 2.8750” -II 35 - 140 HP — 3 cyl.	Ø 73.03 CD 38.00 +19.6 TL 86.50	2 - 1.5 1 - 1.5	Ø 19.550 TL 61.00				
	TEIKIN NO. M2104-3		TEIKIN NO. P M2101				
Surface Treatment: Tin Coated	REFERENCE NO.						6
Bore Clearance: MRC: 0.085 mm MP: 1.50 mm							
HIGH DOME 2.8750” 35 - 140 HP — 4 cyl.	Ø 73.03 CD 38.00 +19.6 TL 86.50	2 - 2.24 HK	Ø 19.550 TL 61.00				
	TEIKIN NO. M2103-4		TEIKIN NO. P M2101				
Surface Treatment: Tin Coated	REFERENCE NO.						7
Bore Clearance: MRC: 0.085 mm MP: 1.50 mm							
HIGH DOME 2.8750” -II 35 - 140 HP — 4 cyl.	Ø 73.03 CD 38.00 +19.6 TL 86.50	2 - 1.5 1 - 1.5	Ø 19.550 TL 61.00				
	TEIKIN NO. M2104-4		TEIKIN NO. P M2101				
Surface Treatment: Tin Coated	REFERENCE NO.						8
Bore Clearance: MRC: 0.085 mm MP: 1.50 mm							

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

LOW DOME 2.8750”

50 - 150 HP — 6 cyl.

Ø 73.03	2 - 2.24 HK	Ø 19.550
CD 38.00		TL 61.00
+17.1		
TL 83.90		
TEIKIN NO. M2101-6		TEIKIN NO. P M2101
REFERENCE NO.		



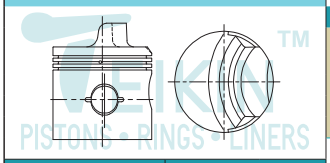
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.085 mm MP: 1.50 mm

9

LOW DOME 2.8750”-II

50 - 150 HP — 6 cyl.

Ø 73.03	2 - 1.59	Ø 19.550
CD 38.00		TL 61.00
+17.1	1 - 1.59	
TL 83.90		
TEIKIN NO. M2102-6		TEIKIN NO. P M2101
REFERENCE NO.		



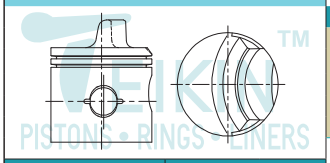
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.085 mm MP: 1.50 mm

10

HIGH DOME 2.8750”

35 - 140 HP — 6 cyl.

Ø 73.03	2 - 2.24 HK	Ø 19.550
CD 38.00		TL 61.00
+19.6		
TL 86.50		
TEIKIN NO. M2103-6		TEIKIN NO. P M2101
REFERENCE NO.		



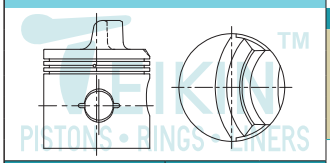
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.085 mm MP: 1.50 mm

11

HIGH DOME 2.8750” -II

High Dome 2.8750”
35 - 150 HP — 6 cyl.

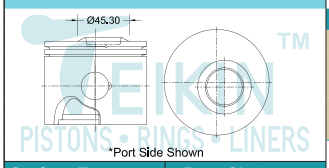
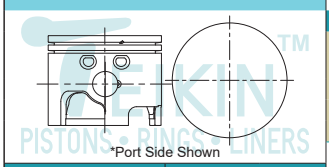
Ø 73.03	2 - 1.59	Ø 19.550
CD 38.00		TL 61.00
+19.6	1 - 1.59	
TL 86.50		
TEIKIN NO. M2104-6		TEIKIN NO. P M2101
REFERENCE NO.		



Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.085 mm MP: 1.50 mm

12

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
LOOPER 3.1250" Port / Starboard Side 135 - 175 HP 2.0 Liter V6	Ø 79.38 CD 37.70 TL 71.10	1 - 2.36 HK 1 - 1.59	Ø 19.550 TL 66.80					
6 cyl.	TEIKIN NO. M2105P M2105S		TEIKIN NO. P M2105P					
*Port Side Shown	REFERENCE NO.							
Surface Treatment: Tin Coated	Bore Clearance: MRC: 0.225 mm MP: 22.50 mm							13
LOOPER 3.3750" Port / Starboard Side 150 - 225 HP 2.4 Liter V6	Ø 85.73 CD 37.70 TL 71.10	2 - 2.36 FK	Ø 19.550 TL 73.80					
6 cyl.	TEIKIN NO. M2106P M2106S		TEIKIN NO. P M2106P					
*Port Side Shown	REFERENCE NO.							
Surface Treatment: Tin Coated	Bore Clearance: MRC: 0.095 mm MP: 14.00 mm							14
3.5" 75 - 125 HP	Ø 88.90 CD 37.70 TL 73.70	2 - 2.0 HK	Ø 19.550 TL 68.60					
3 cyl.	TEIKIN NO. M2109		TEIKIN NO. P M2109					
	REFERENCE NO.							
Surface Treatment: Tin Coated	Bore Clearance: MRC: 0.100 mm MP: 9.50 mm							15
3.5" 75 - 125 HP	Ø 88.90 CD 37.70 TL 73.70	2 - 2.0 HK	Ø 19.550 TL 68.60					
4 cyl.	TEIKIN NO. M2109-4		TEIKIN NO. P M2109					
	REFERENCE NO.							
Surface Treatment: Tin Coated	Bore Clearance: MRC: 0.100 mm MP: 9.50 mm							16

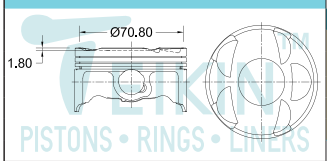
ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
OPTIMAX 2.5L Port / Starboard Side 115/135/150 HP V6	Ø 88.90 CD 37.70 +3.0 TL 72.90	2 - 2.0 HK	Ø 23.310 TL 69.00					
	TEIKIN NO. M2107P M2107S		TEIKIN NO. P M2107P					
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.200 mm MP: 13.00 mm	REFERENCE NO.							17
2.5L Port / Starboard Side 175/200 HP XR6, MAG III V6	Ø 88.90 CD 37.70 TL 69.90	2 - 2.0 HK	Ø 19.550 TL 73.80					
	TEIKIN NO. M2108P M2108S		TEIKIN NO. P M2106P					
Surface Treatment: Tin Coated Bore Clearance: MRC: 0.145 mm MP: 20.50 mm	REFERENCE NO.							18

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET

WAVE RUNNER VX 110

Wave Runner VX 110 — 4 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 76.00	1 - 0.9	Ø 17.000				
	1 - 0.8	TL 51.50				
CD 22.80						
-1.8	1 - 1.5					
TL 42.80						
TEIKIN NO.		TEIKIN NO.				
M1106		P M1106				
REFERENCE NO.						



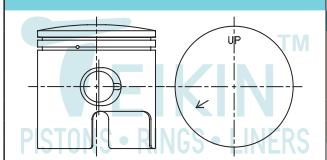
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 5.80 mm

1

MARINE ENGINE

MARINE ENGINE — 1 cyl.

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 78.00	1 - 2.0 HK	Ø 19.900				
		TL 64.00				
CD 36.10						
+3.9	1 - 2.0					
TL 79.90						
TEIKIN NO.		TEIKIN NO.				
M1101		P M1101				
REFERENCE NO.						



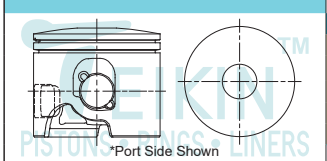
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.050 mm MP: 25.50 mm

2

115/225 HP

PORT / STARBOARD SIDE — 4 cyl.
1993/2003
V4

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 90.00	2 - 2.0 HK	Ø 23.070				
		TL 65.40				
CD 39.90						
+4.2						
TL 75.70						
TEIKIN NO.		TEIKIN NO.				
M1102P M1102S		P M1102P				
REFERENCE NO.						
64D-11642-02-90						



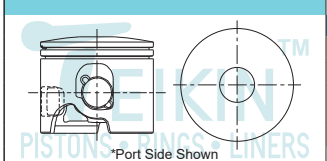
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 9.50 mm

3

115/225 HP-II

PORT / STARBOARD SIDE — 4 cyl.
1984/1992
V4

PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
Ø 90.00	2 - 2.0 HK	Ø 23.070				
		TL 65.40				
CD 39.90						
+4.2						
TL 75.70						
TEIKIN NO.		TEIKIN NO.				
M1103P M1103S		P M1102P				
REFERENCE NO.						
68F-11642-01-85						



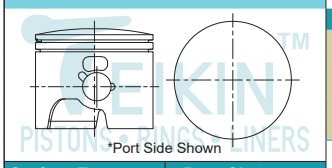
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.160 mm MP: 22.50 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET

SPECIAL "J"

PORT / STARBOARD SIDE 4 cyl.
1984/1992
V4


*Port Side Shown

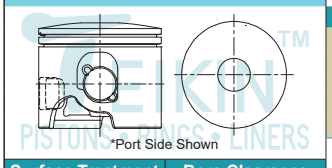
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 5.00 mm

Ø 90.00	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
CD 39.90 +4.5 TL 76.50	2 - 2.0 HK	Ø 21.500 TL 76.00				
TEIKIN NO. **M1104P** **M1104S**		**TEIKIN NO.** **P M1104P**				
REFERENCE NO. 6G7-11642-00-93						

5

115/225 HP

PORT / STARBOARD SIDE 6 cyl.
1993/2004
V6


*Port Side Shown

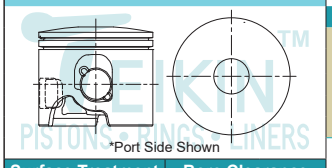
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.100 mm MP: 9.50 mm

Ø 90.00	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
CD 39.90 +4.2 TL 75.70	2 - 2.0 HK	Ø 23.070 TL 65.40				
TEIKIN NO. **M1102P-6** **M1102S-6**		**TEIKIN NO.** **P M1102P**				
REFERENCE NO. 64D-11642-02-90						

6

115/225 HP-II

PORT / STARBOARD SIDE 6 cyl.
1984/1992
V6


*Port Side Shown

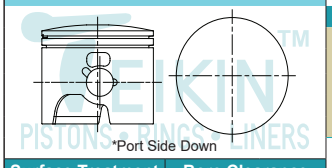
Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.160 mm MP: 22.50 mm

Ø 90.00	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
CD 39.90 +4.2 TL 75.70	2 - 2.0 HK	Ø 23.070 TL 65.40				
TEIKIN NO. **M1103P-6** **M1103S-6**		**TEIKIN NO.** **P M1102P**				
REFERENCE NO. 68F-11642-01-85						

7

SPECIAL "J"

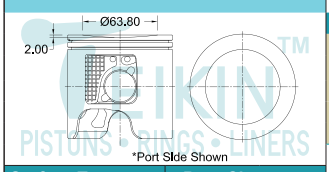
PORT / STARBOARD SIDE 6 cyl.
1984/1992
V6


*Port Side Down

Surface Treatment	Bore Clearance
Tin Coated	MRC: 0.070 mm MP: 5.00 mm

Ø 90.00	RINGS	PIN	BUSHING	LINER FLANGED	LINER NO FLANGE	LINER KIT SET
CD 39.90 +4.5 TL 76.50	2 - 2.0 HK	Ø 21.500 TL 76.00				
TEIKIN NO. **M1104P-6** **M1104S-6**		**TEIKIN NO.** **P M1104P**				
REFERENCE NO. 6G7-11642-00-93						

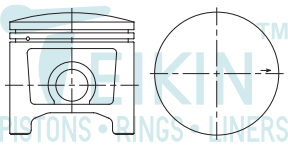
8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	NO FLANGE	LINER KIT SET
225/250 HP PORT / STARBOARD SIDE **6 cyl.** 76° 1994/2001	**Ø 90.00** CD 43.20 -2.0 TL 87.20	2 - 2.0 HK	Ø 26.000 TL 67.80					
	**TEIKIN NO.** **M1105P** **M1105S**		**TEIKIN NO.** **P M1105P**					
Surface Treatment Tin Coated	**Bore Clearance** MRC: 0.160 mm MP: 13.50 mm	**REFERENCE NO.**						

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	LINER: FLANGED	LINER: NO FLANGE	LINER KIT SET

58 MM 2R — 1 cyl.

Ø 58.00	2 - 1.5	Ø 15.000 TL 42.00				
CD 31.10 +3.8 TL 57.90						
TEIKIN NO. G6101		**TEIKIN NO.** P G6101				
REFERENCE NO.						

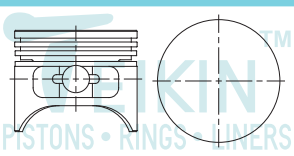


Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 12.50 mm

1

EY-15 — 1 cyl.

Ø 63.00	2 - 2.0 1 - 2.8	Ø 14.000 TL 52.00				
CD 24.80 TL 52.00						
TEIKIN NO. G5101		**TEIKIN NO.** P G5101				
REFERENCE NO.						

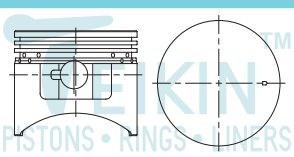


Surface Treatment	Bore Clearance
None	MRC: - mm MP: - mm

2

G-200 — 200 cc — 1 cyl.

Ø 67.00	2 - 2.0 1 - 3.0	Ø 15.000 TL 53.50				
CD 23.50 TL 56.00						
TEIKIN NO. G4101		**TEIKIN NO.** P G4101				
REFERENCE NO. 13101-883-03						

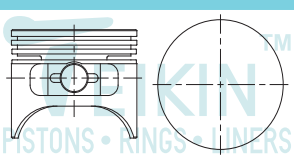


Surface Treatment	Bore Clearance
None	MRC: - mm MP: - mm

3

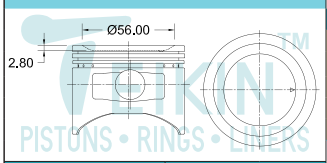
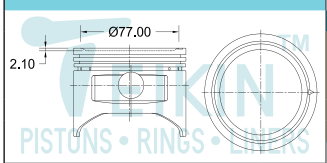
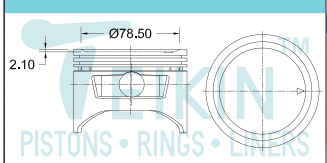
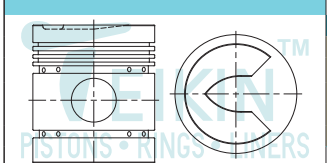
EY-20 — 1 cyl.

Ø 67.00	2 - 2.0 1 - 2.8	Ø 14.000 TL 52.00				
CD 25.00 TL 56.00						
TEIKIN NO. G5102		**TEIKIN NO.** P G5101				
REFERENCE NO.						



Surface Treatment	Bore Clearance
None	MRC: 0.030 mm MP: 19.50 mm

4

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING		FLANGED	LINER NO FLANGE	LINER KIT SET
GX 160 1 cyl.	Ø 68.00 CD 23.60 -2.8 TL 53.50	2 - 1.5 1 - 2.5	Ø 18.000 TL 54.00					
	TEIKIN NO. G4103	TEIKIN NO. R G4103	TEIKIN NO. P 58107					
Surface Treatment: None Bore Clearance: MRC: 0.030 mm MP: 16.00 mm	REFERENCE NO. 13101-ZF1-010	REFERENCE NO.						5
GX 390 1 cyl.	Ø 88.00 CD 28.00 -2.1 TL 66.50	2 - 2.0 1 - 2.8	Ø 20.000 TL 62.00					
	TEIKIN NO. G4102	TEIKIN NO. R G4102	TEIKIN NO. P 38129					
Surface Treatment: None Bore Clearance: MRC: 0.030 mm MP: 21.00 mm	REFERENCE NO. 13101-ZF6-W00	REFERENCE NO.						6
GX 420 1 cyl.	Ø 90.00 CD 28.00 -2.1 TL 66.50	2 - 2.0 1 - 2.8	Ø 20.000 TL 61.00					
	TEIKIN NO. G4104	TEIKIN NO. R G4104	TEIKIN NO. P 46310					
Surface Treatment: None Bore Clearance: MRC: 0.030 mm MP: 22.50 mm	REFERENCE NO.	REFERENCE NO.						7
95MM 5R 1 cyl.	Ø 95.00 CD 60.00 -3.2 TL 109.90	3 - 3.0 2 - 6.0	Ø 35.000 TL 80.00					
	TEIKIN NO. G3101		TEIKIN NO. P G1110					
Surface Treatment: None Bore Clearance: MRC: 0.150 mm MP: 29.00 mm	REFERENCE NO.							8

ENGINE TYPE	PISTON SET	RINGS	PIN	BUSHING	FLANGED	NO FLANGE	LINER KIT SET
95MM 4R 1 cyl.	Ø 95.00 CD 60.12 -2.8 TL 110.35	3 - 3.0 1 - 6.0	Ø 35.000 TL 80.00				9
	TEIKIN NO. G3105		TEIKIN NO. P G1110				
	REFERENCE NO.						
Surface Treatment: None	Bore Clearance: MRC: 0.150 mm MP: 16.35 mm						
1100 MM 1 cyl.	Ø 100.00 CD 60.20 -2.4 TL 102.00	3 - 2.5 1 - 5.0	Ø 35.000 TL 80.00				10
	TEIKIN NO. G3104		TEIKIN NO. P G1110				
	REFERENCE NO.						
Surface Treatment: None	Bore Clearance: MRC: 0.150 mm MP: 18.30 mm						
1110 MM 1 cyl.	Ø 109.90 CD 65.10 -20.7 TL 109.85	3 - 2.5 1 - 5.0	Ø 36.000 TL 94.00				11
	TEIKIN NO. G3106		TEIKIN NO. P G3106				
	REFERENCE NO.						
Surface Treatment: Tin Coated	Bore Clearance: MRC: 0.120 mm MP: 20.00 mm						

PISTONS LIST

CATALOG VOL . 26

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
28101	BED FORD	330, J6, 103	6	103.18	5	1
28107	BED FORD	107	6	107.21	5	4
28108	BED FORD	104	6	104.78	5	3
28109	BED FORD	103-II CNG APPLICATION	6	103.18	5	2
29106A	MERCEDES BENZ	OM - 355 ALFIN	6	128.00	207	13
29110A	MERCEDES BENZ	911, OM - 352 ALFIN	6	97.00	207	12
29116	MERCEDES BENZ	M115.952 / 955	4	93.75	204	4
29117	MERCEDES BENZ	M115.951 / 954	4	93.75	205	5
29118A	MERCEDES BENZ	240D ALFIN	4	90.90	206	11
29119	MERCEDES BENZ	M102.945	4	95.50	205	6
29120	MERCEDES BENZ	M115.923	4	87.00	204	1
29121	MERCEDES BENZ	M102.980	4	95.50	205	7
29601	MERCEDES BENZ	M102 E20/V20	4	89.00	204	2
29602A	MERCEDES BENZ	OM 661 ALFIN	4	89.00	206	9
29603A	MERCEDES BENZ	OM 601 ALFIN	4	87.00	206	8
29604AG	MERCEDES BENZ	OM 602 TURBO ALFIN GALLERY	5	89.00	206	10
29605	MERCEDES BENZ	M272	6	92.90	204	3
30104	CHEVROLET	AVEO	4	76.50	13	13
30105	CHEVROLET	AVEO-II	4	79.00	14	17
30106	CHEVROLET	OPTRA 1.8L	4	81.60	15	21
30107	CHEVROLET	AVEO-III	4	77.90	13	16
30109	CHEVROLET	SPARK GT 1.2	4	69.70	10	2
30110	CHEVROLET	SAIL 1.4L	4	73.80	11	5
30111	CHEVROLET	CAPTIVA 2.4L	4	87.50	15	23
30111-6	CHEVROLET	CAPTIVA 3.6L	6	87.50	16	25
30112	CHEVROLET	CRUZE 1.8L	4	80.50	14	19
30113	CHEVROLET	CAPTIVA 3.2	6	89.00	16	27
30114	CHEVROLET	SPIN 1.5	4	74.71	12	11
30115	CHEVROLET	ONIX 1.4L NF 8V	4	77.60	13	14
30116	CHEVROLET	SPARK 1.25 L	4	70.50	10	3
30117	CHEVROLET	CAPTIVA 3.0 L	6	89.00	16	28
30118	CHEVROLET	CAPTIVA SPORT 2.4L	4	88.00	16	26
30119	CHEVROLET	SONIC 1.6L	4	79.00	14	18
30120	CHEVROLET	TRACKER 1.8L	4	80.50	14	20
30121	CHEVROLET	A14XER	4	73.40	10	4
30122	CHEVROLET	DIMAX 2.4L	4	87.50	15	24
30123	CHEVROLET	SAIL 1.5L	4	74.70	11	8
30128	CHEVROLET	NEW OPTRA	4	74.70	12	9
30129	CHEVROLET	SPARK 1.0	4	68.50	10	1
30130AG	CHEVROLET	S10 ALFIN GALLERY	4	94.00	17	29
30131	CHEVROLET	SPARK 1.4L	4	74.00	11	7
30132G	CHEVROLET	LTG 2.0L GALLERY	4	86.00	15	22
30133	CHEVROLET	LL5 / LJO	4	73.80	11	6
30134	CHEVROLET	ONIX 1.4L	4	77.60	13	15
30135	CHEVROLET	OPTRA 1.5L	4	74.70	12	10

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
30136	CHEVROLET	ONIX 1.2L TURBO	3	75.00	12	12
31115	CHRYSLER	2.5 L	4	87.50	18	3
31116	CHRYSLER	2.4 L	4	87.50	18	4
31117	CHRYSLER	2.7 L	6	86.00	18	2
31118	CHRYSLER	EDZ	4	87.50	19	5
31119	CHRYSLER	MOT. 232	6	96.00	20	12
31120	CHRYSLER	MOT. 201	6	93.00	19	8
31121	CHRYSLER	EGH	6	96.00	21	13
31122	CHRYSLER	EGJ	6	96.00	21	14
31124	CHRYSLER	153	4	98.43	21	16
31125	CHRYSLER	2.5L-II (153)	4	87.50	19	6
31126	CHRYSLER	5.9L (360)	8	101.60	22	20
31127	CHRYSLER	3.9L (239)	6	99.31	22	17
31129	CHRYSLER	370 CID	8	103.00	23	21
31130-6	CHRYSLER	POWER TECH 3.7	6	93.00	20	9
31130	CHRYSLER	POWER TECH 4.7	8	93.00	20	11
31131	CHRYSLER	HEMI 5.7	8	99.50	22	18
31132	CHRYSLER	1.8L	4	86.00	18	1
31133	CHRYSLER	3.3L	6	93.00	20	10
31134	CHRYSLER	3.6L	6	96.00	21	15
31135	CHRYSLER	5.7L	8	99.50	22	19
31136	CHRYSLER	2.0L TIGERSHARK	4	88.00	19	7
32102	DAIHATSU	DG	4	88.00	32	24
32103	DAIHATSU	DG OLD-4R	4	88.00	32	25
32106	DAIHATSU	S-38P (NEW)	2	62.00	26	1
32110	DAIHATSU	S-10P	2	71.60	28	9
32117	DAIHATSU	G11	3	76.00	30	17
32120A	DAIHATSU	CL ALFIN	3	76.00	32	22
32124	DAIHATSU	S75	3	76.00	30	18
32125	DAIHATSU	S89	4	76.00	30	19
32126	DAIHATSU	DL	4	92.00	33	27
32127	DAIHATSU	DL NEW-28	4	92.00	33	28
32128A	DAIHATSU	DL NEW-26 ALFIN	4	92.00	33	29
32139	DAIHATSU	DV26 5R	4	88.00	33	26
32142	DAIHATSU	HD	4	76.00	30	20
32144	DAIHATSU	K3-DE	4	72.00	29	13
32145	DAIHATSU	S89-II	4	76.00	31	21
32146	DAIHATSU	KANCIL 850 CC NEW	3	66.60	27	5
32147	DAIHATSU	KELISA 1000 CC	3	72.00	28	10
32150	DAIHATSU	EF	3	68.00	27	6
32151	DAIHATSU	EJ-VE-II	3	72.00	28	11
32152	DAIHATSU	3NR-VE	4	72.50	29	16
32153	DAIHATSU	1KR-DE / 1KR-VE	3	71.00	27	8
32154	DAIHATSU	KF-DET	3	63.00	26	2
32155	DAIHATSU	KF-VE-II	3	63.00	26	3
32156	DAIHATSU	KF	3	63.00	26	4

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
32601	DAIHATSU	CD	3	70.00	27	7
32602A	DAIHATSU	CL-T ALFIN	3	76.00	32	23
32605	DAIHATSU	EJ-DE / EJ-VE	3	72.00	28	12
32606	DAIHATSU	K3-VE-II	4	72.00	29	14
32607	DAIHATSU	K3-VE-III	4	72.00	29	15
33101	CHERY	TIGGO	4	81.00	8	8
33102	CHERY	SQRE4T15C	4	77.00	7	4
33103	CHERY	SQR472	4	72.00	7	2
33104	CHERY	SQR477F	4	77.40	8	6
33105	CHERY	SQR372	3	72.00	8	6
33106	CHERY	SQR473H	4	73.00	7	3
33107	CHERY	SQR481FD	4	81.00	9	9
33108	CHERY	SQRE4G16	4	77.00	8	5
33109	CHERY	SQRF4J20	4	80.50	8	7
34101	FIAT	103H, 105, 103	4	67.80	35	1
34102	FIAT	103G, 1100D	4	71.85	37	11
34103	FIAT	125, 125A	4	80.00	39	17
34109	FIAT	1300	4	72.00	37	12
34113	FIAT	124S	4	80.00	39	18
34118	FIAT	TRACTOR 300, 350, 355	4	100.00	42	29
34119	FIAT	160 A3.000	4	70.00	35	2
34120	FIAT	160 A1.00	4	80.50	39	20
34121	FIAT	UNO 1100	4	70.00	35	3
34122	FIAT	FIRE 16V	4	70.00	35	4
34123	FIAT	FIRE 8V	4	70.00	36	5
34124	FIAT	FIRE FLEX 8V	4	70.00	36	6
34125	FIAT	FIRE 1.3L 8V	4	70.80	36	8
34126	FIAT	FIRE 1.3L 16V	4	70.80	37	9
34127	FIAT	FIRE FLEX 1.3L 8V	4	70.80	37	10
34128	FIAT	FIRE FLEX 1.4L 8V	4	72.00	38	13
34129A-3	FIAT	PALIO 1.3L JTD ALFIN	3	69.60	42	26
34129A	FIAT	PALIO 1.3L JTD ALFIN	4	69.60	42	27
34130	FIAT	SHAHEN	4	80.50	40	21
34131	FIAT	TEMPRA 1600 TWO	4	86.40	40	24
34132	FIAT	1.6L MOTOR E-TORQUE	4	77.00	38	16
34133	FIAT	1.4L 8V EVO LF	4	72.00	38	14
34134	FIAT	1.8L 16V MOTOR E-TORQUE	4	80.50	40	22
34135	FIAT	REGATA 100S	4	86.40	41	25
34136	FIAT	128-II	4	80.00	39	19
34137A	FIAT	115 ALFIN	4	115.00	31	30
34137A-6	FIAT	115 ALFIN	6	115.00	43	31
34138	FIAT	UNO-II	4	70.00	36	7
34139	FIAT	DOBLO 1.4L	4	72.00	38	15
34140	FIAT	1.6L	4	80.50	40	23
34141AG	FIAT	F1AE ALFIN GALLERY	4	88.00	42	28

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
35101	FORD	THAMES TRADER	6	100.00	57	53
35102	FORD	2402 E	6	93.65	57	51
35165	FORD	751M, BG2C	4	80.99	46	12
35166	FORD	V6ESSEX	6	93.65	53	37
35167	FORD	V6ESSEX	6	93.65	53	38
35168-4	FORD	V4	4	93.65	52	36
35168	FORD	V6	6	93.65	53	39
35169	FORD	P-764	4	89.32	49	24
35170	FORD	CVH-LUC	4	79.96	46	10
35171	FORD	CVH, FUA, F6B, FU	4	77.25	44	3
35172	FORD	KOLN 2V (T88)	4	90.82	51	31
35173	FORD	CVH, JPA, JPC	4	79.96	46	11
35174	FORD	281	8	90.20	50	25
35177	FORD	ZETEC	4	84.80	47	15
35178	FORD	MOT. 1.9 Lt	4	82.00	47	13
35179	FORD	VIN 3 ZETEC	4	84.80	47	16
35180	FORD	2.0 L	4	84.80	48	17
35181	FORD	AODA/B,CJBA/B,N4JB	4	87.50	48	19
35182	FORD	238	6	96.80	54	43
35183	FORD	140	4	96.00	54	41
35184	FORD	3.8L (232)	6	96.80	54	44
35190	FORD	5.4L (330)	8	90.20	50	26
35191	FORD	CVH 2.0	4	84.86	48	18
35192	FORD	E SERIES	8	90.20	50	27
35193	FORD	E SERIES-II	8	90.20	50	28
35194	FORD	TRITON	8	90.20	51	29
35195A	FORD	FIESTA ALFIN	4	73.70	56	47
35196	FORD	1.6 NF	4	79.00	44	4
35197	FORD	1.6 NF-II	4	79.00	45	5
35198	FORD	4.2L	6	96.80	55	45
35199	FORD	1.4 DURATEC	4	76.00	44	2
35200	FORD	1.6 DURATEC TI-VCT	4	79.00	45	6
35201AG	FORD	2.2L DURATORQ TDCI ALFIN GALLERY	4	86.00	56	48
35202AG	FORD	2.4L DURATORQ TDCI ALFIN GALLERY	4	89.90	56	49
35203AG	FORD	3.2L DURATORQ TDCI ALFIN GALLERY	5	89.90	56	50
35204	FORD	4.6L	8	90.25	51	30
35205	FORD	5.0L	8	92.20	51	32
35206	FORD	5.0L-II	8	92.20	52	33
35207	FORD	3.7 LTS	6	95.50	53	40
35208	FORD	2.8 LTS	6	93.00	52	35
35210	FORD	MOT 2.3L	4	96.01	54	42
35211	FORD	FIESTA 1.6L DURATEC Ti-VCT	4	79.00	45	7
35212	FORD	1.6L	4	82.05	47	14
35213	FORD	2.5L-II	4	89.00	49	23
35214	FORD	6.2L	8	102.00	55	46
35215	FORD	2.0L ECOBOOST	4	87.50	48	20
35216	FORD	1.5L ECOBOOST	4	79.00	45	8
35217	FORD	1.6L ECOBOOST	4	79.00	46	9

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
35218	FORD	2.0L DURATEC I4	4	87.50	49	21
35219	FORD	2.0L ECOBOOST-II	4	87.50	49	22
35220	FORD	5.0L-III	8	92.20	52	34
35600	FORD	JLB	4	74.00	44	1
35601A	FORD	4A B/ BA / BB / CA / FA ALFIN	4	93.67	57	52
36101	HINO	DM-100	6	90.00	70	1
36111A	HINO	EH-100 ALFIN	6	105.00	72	2
36112	HINO	ED-100	6	128.00	77	29
36113A	HINO	EH-700 ALFIN	6	110.00	73	15
36124A	HINO	H07C NEW ALFIN	6	110.00	73	16
36125A	HINO	H07C OLD ALFIN	6	110.00	74	17
36127A	HINO	H07D ALFIN	6	110.00	74	18
36128A	HINO	EM 100 ALFIN	6	124.00	76	28
36129AG	HINO	H07C-T ALFIN GALLERY	6	110.00	74	19
36133A	HINO	H06CTI/CTL-II ALFIN	6	108.00	72	11
36135A	HINO	H06CTE ALFIN	6	108.00	72	12
36136A	HINO	H06CTB ALFIN	6	108.00	73	13
36137AG	HINO	H06CTI/CTL-III ALFIN GALLERY	6	108.00	73	14
36138AG	HINO	J08E-II ALFIN GALLERY	6	112.00	75	21
36601A	HINO	EB300 ALFIN	6	120.00	76	27
36603A	HINO	EC100 ALFIN	6	97.00	70	2
36650A	HINO	EK100 ALFIN	6	137.00	77	30
36651A	HINO	W06D ALFIN	6	104.00	71	6
36652A	HINO	H06BT ALFIN	6	105.80	72	10
36653A	HINO	W04D ALFIN	4	104.00	70	3
36654A	HINO	EF750 ALFIN	8	137.00	77	31
36655AG	HINO	H07C-T-II ALFIN GALLERY	6	110.00	74	20
36656A	HINO	W06E ALFIN	6	104.00	71	7
36657A	HINO	J05C ALFIN	4	114.00	75	22
36657A-6	HINO	J08C ALFIN	6	114.00	76	25
36658A	HINO	W04D LATE ALFIN	4	104.00	70	4
36659AG-4	HINO	J05C-T ALFIN GALLERY	4	114.00	75	23
36659AG-5	HINO	J07C-T ALFIN GALLERY	5	114.00	75	24
36659AG	HINO	J08C-T ALFIN GALLERY	6	114.00	76	26
36660A	HINO	W04CT ALFIN	4	104.00	71	5
36661A	HINO	W06DT ALFIN	6	104.00	71	8
37116	HOLDEN	202	6	92.08	78	1
38109	HONDA	EN	4	72.00	79	1
38112	HONDA	ED1	4	74.00	81	11
38114	HONDA	EK-1	4	77.00	87	36
38129	HONDA	BS / A20A1	4	82.70	91	52
38145	HONDA	D15B2 / D15B1	4	75.00	83	18
38146	HONDA	D16A6, ZC	4	75.00	83	19
38147	HONDA	EJ	4	72.00	79	2
38148	HONDA	B21A1	4	83.00	92	54

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
38149	HONDA	D16Z6	4	75.00	83	20
38150	HONDA	F18A	4	85.00	93	57
38151	HONDA	B18C1	4	81.00	89	42
38152	HONDA	B18B1	4	81.00	89	43
38153	HONDA	D16Y8	4	75.00	84	21
38154	HONDA	B20B4	4	84.00	92	55
38155	HONDA	B16A2	4	81.00	89	44
38156	HONDA	H22A1	4	87.00	96	69
38157	HONDA	H22A4	4	87.00	96	70
38158	HONDA	H23A1	4	87.00	96	71
38159	HONDA	D15Z1	4	75.00	84	22
38166	HONDA	EF1	4	74.00	81	12
38168	HONDA	C27A4	6	87.00	99	83
38169	HONDA	D17A2	4	75.00	84	23
38170	HONDA	D17A1	4	75.00	84	24
38171	HONDA	B20Z2	4	84.00	92	56
38172	HONDA	F23A5	4	86.00	94	61
38173	HONDA	D16A6-II	4	75.00	85	25
38174	HONDA	K24A1	4	87.00	96	72
38175	HONDA	K24A4	4	87.00	97	73
38176	HONDA	J35A1	6	89.00	99	84
38177	HONDA	J35A3	6	89.00	100	85
38178	HONDA	J30A4	6	86.00	95	67
38179	HONDA	EK-1-III	4	77.00	88	37
38180	HONDA	F23A1	4	86.00	94	62
38181	HONDA	D16Y7	4	75.00	85	26
38182	HONDA	L15A	4	73.00	79	4
38183	HONDA	JAZZ RS	4	73.00	80	5
38184	HONDA	K24A4-II	4	87.00	97	74
38185	HONDA	K20A3	4	86.00	94	63
38186	HONDA	R20A	4	81.00	90	45
38187	HONDA	D15B-II	4	75.00	85	27
38188	HONDA	K24Z3	4	87.00	97	75
38189	HONDA	K24A2	4	87.00	97	76
38190	HONDA	K20A2	4	86.00	94	64
38191	HONDA	K24Z2	4	87.00	98	77
38192	HONDA	J35A7	6	89.00	100	86
38193	HONDA	J32A3	6	89.00	100	87
38194	HONDA	J35A8	6	89.00	100	88
38195	HONDA	J30A	6	86.00	95	68
38196	HONDA	J35Z3	6	89.00	101	89
38197	HONDA	ACCORD	4	87.00	98	78
38198	HONDA	CRV / K24A	4	87.00	98	79
38199	HONDA	K20A5	4	86.00	95	65
38200	HONDA	D17A	4	75.00	85	26
38201	HONDA	L13A	4	73.00	80	6
38202	HONDA	D16Y8-II	4	75.00	86	29
38203	HONDA	L15A2	4	73.00	80	7

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
38204	HONDA	F20C1	4	87.00	98	80
38205	HONDA	K24Z7	4	87.00	99	81
38206	HONDA	K24Y2	4	87.00	99	82
38207	HONDA	D16W7	4	75.00	86	30
38208	HONDA	R16A	4	81.00	90	46
38210	HONDA	L15B7	4	73.00	80	8
38211	HONDA	L15B	4	73.00	81	9
38213	HONDA	F20B-II	4	85.00	93	58
38214G	HONDA	K20C4/K20C6	4	86.00	95	66
38600	HONDA	EV	4	74.00	82	13
38602	HONDA	ES	4	80.00	88	39
38603	HONDA	EW	4	74.00	82	14
38604	HONDA	ES-II	4	80.00	88	40
38605	HONDA	EW-II	4	74.00	82	15
38606	HONDA	D16A	4	75.00	86	31
38650	HONDA	EM1	4	74.00	82	16
38651	HONDA	F22A	4	85.00	93	59
38652	HONDA	EP	4	77.00	88	38
38654	HONDA	A20A BS-II	4	82.70	92	53
38655	HONDA	ES1	4	80.00	89	41
38656	HONDA	D15	4	75.00	86	32
38657	HONDA	L13A4	4	73.00	81	10
38658A	HONDA	20T2N/20T2 TURBO ALFIN	4	84.45	102	92
38659	HONDA	R18A1/A2	4	81.00	90	47
38660	HONDA	B20A5	4	81.00	90	48
38661AG	HONDA	N22A1/N22A2 ALFIN GALLERY	4	85.00	102	93
38662	HONDA	C32A	6	90.00	101	91
38663	HONDA	D15A3 EW4	4	74.00	83	17
38664	HONDA	B20A3	4	81.00	91	49
38665	HONDA	D16A-II	4	75.00	87	33
38666	HONDA	D13	4	75.00	87	34
38667	HONDA	D15-II	4	75.00	87	35
38668	HONDA	B18A1	4	81.00	91	50
38669	HONDA	B18C1-II	4	81.00	91	51
38670	HONDA	EB5	4	72.00	79	3
38674	HONDA	F22B1	4	85.00	93	60
39104	ISUZU	G161Z	4	82.00	78	1
39110	ISUZU	G180Z	4	84.00	130	10
39119	ISUZU	G200Z	4	87.00	132	17
39125A	ISUZU	C-240 OLD ALFIN	4	86.00	137	37
39127A	ISUZU	C-190 ALFIN	4	86.00	138	38
39128A	ISUZU	C-190-3R ALFIN	4	86.00	138	39
39130A	ISUZU	C-223 ALFIN	4	88.00	138	41
39137-4	ISUZU	DA220	4	100.00	145	66
39137	ISUZU	DA-120-4R	6	100.00	145	67
39138	ISUZU	DA-120-5R	6	100.00	145	68
39142A	ISUZU	DA-640 ALFIN	6	102.00	148	79

PISTON LIST

TEIKIN NO.	ENGINE MODEL	CYL	BORE Ø (MM)	PAGE	BOX NO.
39148A-4	ISUZU 4BB1 ALFIN	4	102.00	146	73
39148A	ISUZU 6BB1 ALFIN	6	102.00	148	80
39149A-4	ISUZU 4BD1 ALFIN	4	102.00	147	74
39149A	ISUZU 6BD1 ALFIN	6	102.00	148	81
39151A-4	ISUZU 4BD1-II ALFIN	4	102.00	147	75
39151A	ISUZU 6BD1-II ALFIN	6	102.00	149	82
39157A	ISUZU 4FC1 ALFIN	4	84.00	137	35
39159A	ISUZU 4FD1 ALFIN	4	88.00	137	42
39160A	ISUZU 4BA1 ALFIN	4	98.00	144	65
39162A	ISUZU 4JA1 ALFIN	4	93.00	140	48
39163A	ISUZU 4JB1 ALFIN	4	93.00	140	49
39165A	ISUZU 4BC1 ALFIN	4	102.00	145	69
39166A	ISUZU 4BC2 ALFIN	4	102.00	146	70
39170A	ISUZU 4EC1 OLD ALFIN	4	76.00	136	30
39175	ISUZU 4ZC1	4	88.00	132	20
39176	ISUZU 4ZD1	4	89.30	133	21
39179A	ISUZU 4EC1 TURBO ALFIN	4	76.00	136	31
39180A	ISUZU 4BE1 ALFIN	4	105.00	150	86
39181A	ISUZU 4HF1 ALFIN	4	112.00	153	100
39181A-6	ISUZU 6HF1 ALFIN	6	112.00	154	103
39182A-4	ISUZU 4BG1 ALFIN	4	105.00	150	87
39182A	ISUZU 6BG1 ALFIN	6	105.00	151	90
39183A	ISUZU 4FB1 ALFIN	4	84.00	137	36
39184A	ISUZU 4BD1-III ALFIN	4	102.00	146	71
39184A-6	ISUZU 6BD1-III ALFIN	6	102.00	149	83
39185	ISUZU 4ZE1	4	92.60	133	23
39186	ISUZU 6VD1	6	93.40	134	25
39187A	ISUZU 4HF1-II ALFIN	4	112.00	153	101
39187A-6	ISUZU 6HF1-II ALFIN	6	112.00	154	104
39188A	ISUZU 4JB1-T ALFIN	4	93.00	141	50
39189A	ISUZU 4EE1-T ALFIN	4	79.00	136	32
39190A	ISUZU 4JB1-T LATE ALFIN	4	93.00	141	51
39208	ISUZU G180SR	4	84.00	130	11
39209	ISUZU 4XE1W	4	80.00	128	4
39210	ISUZU 4XE1V	4	80.00	129	5
39211	ISUZU X22SE	4	86.00	131	13
39218A	ISUZU C-223-II ALFIN	4	88.00	139	43
39226	ISUZU G200Z-II	4	87.00	132	18
39227A	ISUZU 4BD1 LATE ALFIN	4	102.00	147	76
39228	ISUZU 4ZD1-II	4	89.30	133	22
39229	ISUZU X20SE	4	86.00	131	14
39230	ISUZU X22SE-II	4	86.00	131	15
39231A	ISUZU 4JA1T NEW ALFIN	4	93.00	141	52
39232AG	ISUZU 4JH1-TC ALFIN GALLERY	4	95.40	142	55
39233	ISUZU LUV	4	86.00	131	16
39234	ISUZU 6VE1	6	93.40	134	26
39235	ISUZU DIMAX 2.4L	4	87.50	132	19
39236	ISUZU G161ZB-II	4	82.00	129	7

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
39237	ISUZU	6VE1-III	6	93.40	134	27
39243	ISUZU	6VD1-IV	6	93.40	134	28
39244AG	ISUZU	4HK1-TC ALFIN GALLERY	4	115.00	154	105
39245AG	ISUZU	4JK1-TCS/ 4JK1-TCX ALFIN GALLERY	4	95.40	142	56
39600A	ISUZU	4JG2 EARLY ALFIN	4	95.40	142	57
39601A	ISUZU	C-223 OLD ALFIN	4	88.00	139	44
39602A	ISUZU	4FG1 ALFIN	4	89.30	140	47
39603	ISUZU	4XC1	4	77.00	128	1
39604	ISUZU	4ZE1-II	4	92.60	133	24
39605	ISUZU	4ZA1	4	82.00	129	8
39606A	ISUZU	6SA1 ALFIN	6	115.00	156	112
39607-4	ISUZU	4HE1	4	110.00	151	93
39607A	ISUZU	6HE1 ALFIN	6	110.00	152	96
39608AG	ISUZU	4JG2-T ALFIN GALLERY	4	95.40	143	58
39609A	ISUZU	C-223-T ALFIN	4	88.00	139	45
39611AG	ISUZU	4BD2-T ALFIN GALLERY	4	102.00	147	77
39612A	ISUZU	4BE1-II ALFIN	4	105.00	150	88
39614AG-4	ISUZU	4BG1-T ALFIN GALLERY	4	105.00	150	89
39614AG	ISUZU	6BG1-T ALFIN GALLERY	6	105.00	151	91
39615AG	ISUZU	6SA1-T ALFIN GALLERY	6	115.00	156	113
39616A	ISUZU	6BF1 ALFIN	6	105.00	151	92
39617	ISUZU	DH100	6	120.00	158	121
39618A	ISUZU	4BD1-T ALFIN	4	102.00	146	72
39618-6	ISUZU	6BD1-T	6	102.00	149	84
39620	ISUZU	C-221-II	4	83.00	137	34
39621A	ISUZU	C-240 ALFIN	4	86.00	138	40
39623A	ISUZU	6SD1 ALFIN	6	120.00	159	122
39624A	ISUZU	6RB1 ALFIN	6	135.00	159	124
39625A	ISUZU	10PC1 ALFIN	10	119.00	158	119
39626A	ISUZU	10PD1 ALFIN	10	119.00	158	120
39628	ISUZU	G161Z-II	4	82.00	130	9
39651A	ISUZU	6HH1 ALFIN	6	115.00	157	114
39652	ISUZU	4XC1-III	4	77.00	128	2
39653A	ISUZU	4HG1 ALFIN	4	115.00	155	106
39654	ISUZU	G180Z-II	4	84.00	130	12
39655AG	ISUZU	4BD2-T LATE ALFIN GALLERY	4	102.00	148	78
39656A	ISUZU	4JB1 LATE ALFIN	4	93.00	141	53
39657A	ISUZU	6QA1 ALFIN	6	125.00	159	123
39658A	ISUZU	4JA1 LATE ALFIN	4	93.00	142	54
39659	ISUZU	4XC1-IV	4	77.00	128	3
39660AG	ISUZU	4JG2-T NEW ALFIN GALLERY	4	95.40	143	59
39661AG	ISUZU	4JX1 ALFIN GALLERY	4	95.40	143	70
39662A	ISUZU	PA1 ALFIN	10	115.00	158	118
39663AG	ISUZU	6HE1-T ALFIN GALLERY	6	110.00	152	97
39664AG	ISUZU	4HE1-TC ALFIN GALLERY	4	110.00	152	94
39664AG-6	ISUZU	6HE1-TC ALFIN GALLERY	6	110.00	153	98
39665AG	ISUZU	6HK1-TC ALFIN GALLERY	6	115.00	157	115
39666AG	ISUZU	4HE1-T ALFIN GALLERY	4	110.00	152	95

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
39667A	ISUZU	6BD1-T ALFIN	6	102.00	149	85
39668A	ISUZU	4EE1 ALFIN	4	79.00	136	33
39669AG	ISUZU	4JG2-T-II ALFIN GALLERY	4	95.40	143	61
39670AG	ISUZU	4HL1 ALFIN GALLERY	4	115.00	155	107
39671AG	ISUZU	4HK1-TC-II ALFIN GALLERY	4	115.00	155	108
39672A	ISUZU	4HF1 NEW ALFIN	4	112.00	154	102
39673	ISUZU	6VE1-II	6	93.40	135	29
39674AG	ISUZU	4JJ1-TC CRDI ALFIN GALLERY	4	95.40	144	62
39675AG	ISUZU	4JK1-TC ALFIN GALLERY	4	95.40	144	63
39676AG	ISUZU	4HG1-T ALFIN GALLERY	4	115.00	155	109
39677AG	ISUZU	6HL1-TC ALFIN GALLERY	6	115.00	157	116
39679AG	ISUZU	4HK1-TC-III ALFIN GALLERY	4	115.00	156	110
39681AG	ISUZU	4HJ1 ALFIN GALLERY	4	115.00	156	111
39682AG	ISUZU	6HH1-T ALFIN GALLERY	6	115.00	157	117
39683AG	ISUZU	6HE1-T-II ALFIN GALLERY	6	110.00	153	99
39684	ISUZU	C 2.2	4	88.00	140	46
39687AG	ISUZU	4JJ1-TC CRDi-II ALFIN GALLERY	4	95.40	144	64
40103	LAND ROVER	3.562	4	90.49	172	1
40601AG	LAND ROVER	30DDTX, 306DT ALFIN GALLERY	6	84.00	173	2
42107G	MAZDA	SL GALLERY	4	100.00	201	99
42108	MAZDA	PB	4	68.00	177	1
42127	MAZDA	B3	4	71.00	177	3
42131	MAZDA	E3	4	77.00	179	12
42132	MAZDA	E5 NEW	4	77.00	180	13
42140	MAZDA	NA NEW	4	78.00	181	17
42141	MAZDA	NA OLD	4	78.00	181	18
42142	MAZDA	NA NEW - II	4	78.00	181	19
42146	MAZDA	MA	4	80.00	184	31
42149A	MAZDA	HA ALFIN	4	95.00	200	95
42150	MAZDA	XB	4	92.00	198	86
42150-6	MAZDA	ZB OLD	6	92.00	199	90
42152	MAZDA	VC OLD	4	80.00	184	32
42157	MAZDA	FE	4	86.00	189	50
42159	MAZDA	F6	4	81.00	185	35
42163	MAZDA	G6	4	92.00	194	72
42164	MAZDA	F2	4	86.00	189	51
42165	MAZDA	BP05	4	83.00	186	38
42166	MAZDA	FS	4	83.00	186	39
42167A	MAZDA	R2 ALFIN	4	86.00	195	75
42168	MAZDA	F8	4	86.00	189	52
42169	MAZDA	JE-48 / JE-27	6	90.00	194	70
42170	MAZDA	VC NEW	4	80.00	185	33
42171	MAZDA	B6	4	78.00	181	20
42172	MAZDA	B6 - II	4	78.00	182	21
42173	MAZDA	Z5	4	75.30	179	11
42174A	MAZDA	S2 ALFIN	4	88.90	197	82

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TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
42179A	MAZDA	ZB ALFIN	6	92.00	199	89
42183A	MAZDA	TF ALFIN	4	105.50	202	104
42184AG	MAZDA	TF-II ALFIN GALLERY	4	105.50	203	105
42185AG	MAZDA	WL-T ALFIN GALLERY	4	93.00	199	91
42186A	MAZDA	WL ALFIN	4	93.00	199	92
42192	MAZDA	F2-II	4	86.00	190	53
42193	MAZDA	FE-II	4	86.00	190	54
42196	MAZDA	E5-II	4	77.00	180	14
42198A	MAZDA	SS K2700 ALFIN	4	92.00	198	87
42199	MAZDA	GY	6	81.65	185	36
42200	MAZDA	BP-II	4	83.00	186	40
42201A	MAZDA	SL-III ALFIN	4	100.00	201	100
42202	MAZDA	FP	4	83.00	187	41
42203	MAZDA	MA-IV	4	80.00	185	34
42205	MAZDA	L3	4	87.50	191	60
42206	MAZDA	FE-VII	4	86.00	190	55
42207	MAZDA	AJ	6	89.00	194	69
42208	MAZDA	BP-III	4	83.00	187	42
42209	MAZDA	L3-II	4	87.50	192	61
42210	MAZDA	LF	4	87.50	192	62
42211	MAZDA	Z6	4	78.00	182	22
42212AG	MAZDA	MZ-DE ALFIN GALLERY	4	93.00	200	93
42213AG	MAZDA	MZR-CD ALFIN GALLERY	4	96.00	201	98
42214	MAZDA	ZM	4	78.00	182	23
42215AG	MAZDA	W9 ALFIN GALLERY	4	95.00	201	97
42216	MAZDA	LF-II	4	87.50	192	63
42217	MAZDA	B3-III	4	71.00	177	44
42218	MAZDA	FE-VIII	4	86.00	192	56
42219	MAZDA	MZR 1.5L	4	78.00	182	24
42220	MAZDA	SKYACTIV-G	4	83.50	188	45
42221	MAZDA	MZR 2.3L	4	87.50	192	64
42222	MAZDA	L3-III	4	87.50	193	65
42223	MAZDA	SKYACTIV-G 2.5L	4	89.00	193	67
42224	MAZDA	SKYACTIV-G 1.5L	4	74.50	179	10
42225	MAZDA	SKYACTIV-G-II	4	83.50	188	46
42226AG	MAZDA	SKYACTIV-D ALFIN GALLERY	4	86.00	195	76
42227	MAZDA	2.0L SKYACTIV-G	4	83.50	188	47
42228	MAZDA	PE	4	83.50	188	48
42229AG	MAZDA	SKYACTIV-D 1.5 ALFIN GALLERY	4	76.00	195	73
42600	MAZDA	UC	4	77.00	180	15
42601	MAZDA	PN	4	78.00	195	74
42602	MAZDA	FE-III	4	86.00	191	57
42603	MAZDA	FE-IV	4	86.00	191	58
42605	MAZDA	XA	4	88.90	197	83
42606	MAZDA	S5	4	88.90	197	84
42607	MAZDA	TC LATE	4	73.00	178	6
42609	MAZDA	HA-II	4	95.00	200	96
42610AG	MAZDA	RF ALFIN GALLERY	4	86.00	196	77

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TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
42611AG	MAZDA	R2 LATE ALFIN GALLERY	4	86.00	196	78
42612	MAZDA	VA	4	82.00	186	37
42613AG	MAZDA	SL-T ALFIN GALLERY	4	100.00	202	101
42651	MAZDA	TC	4	73.00	178	7
42652	MAZDA	E3-II	4	77.00	180	16
42653	MAZDA	B5	4	78.00	183	25
42655	MAZDA	JE	6	90.00	194	71
42656	MAZDA	TB	4	70.00	177	2
42657A	MAZDA	JS K2700 ALFIN	4	94.50	200	94
42658A	MAZDA	SF K2400 ALFIN	4	92.00	198	88
42659	MAZDA	XA-II	4	88.90	198	85
42660	MAZDA	B3-II	4	71.00	178	5
42661	MAZDA	BP	4	83.00	187	43
42662	MAZDA	B6-T	4	78.00	183	26
42663AG	MAZDA	TM ALFIN GALLERY	4	109.00	203	106
42664	MAZDA	KL	6	84.50	189	49
42665	MAZDA	KF	6	78.00	184	30
42668	MAZDA	B6ZE	4	78.00	183	27
42669	MAZDA	VB	4	78.00	183	28
42670	MAZDA	TC-II	4	73.00	178	8
42671A	MAZDA	RF-II ALFIN	4	86.00	196	79
42672	MAZDA	ZL-VE	4	78.00	184	29
42674AG	MAZDA	R2 NEW ALFIN GALLERY	4	86.00	196	80
42675AG	MAZDA	RF7 ALFIN GALLERY	4	86.00	197	81
42676	MAZDA	L8	4	83.00	187	44
42677A	MAZDA	SL-IV ALFIN	4	100.00	202	102
42678	MAZDA	F2T	4	86.00	191	59
42679	MAZDA	ZJ	4	74.00	179	9
42680	MAZDA	L5-VE	4	89.00	193	68
42684	MAZDA	LF-III	4	87.50	193	66
42685AG	MAZDA	SLT T3500T ALFIN GALLERY	4	100.00	202	103
43102A	MITSUBISHI	6D14 ALFIN	6	110.00	243	140
43104A	MITSUBISHI	6D15 ALFIN	6	113.00	245	147
43105A	MITSUBISHI	6D16 ALFIN	6	118.00	247	155
43107A	MITSUBISHI	6DB NEW ALFIN	6	110.00	243	141
43115	MITSUBISHI	6DS7	6	98.00	237	116
43115N	MITSUBISHI	6DS7 NEW	6	98.00	237	117
43132	MITSUBISHI	4G32	4	76.90	214	25
43132N	MITSUBISHI	4G32 NEW	4	76.90	215	29
43137	MITSUBISHI	4G33	4	73.00	210	9
43144	MITSUBISHI	4G41R NEW	4	76.50	213	24
43148	MITSUBISHI	4G52	4	84.00	218	41
43151	MITSUBISHI	4G53 OLD	4	88.00	223	64
43153	MITSUBISHI	4G54	4	91.10	224	66
43154	MITSUBISHI	4G62	4	80.60	215	31
43155	MITSUBISHI	4G63 OLD	4	85.00	218	42
43157	MITSUBISHI	4DR5	4	92.00	233	102

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TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
43157-6	MITSUBISHI	6DR5	6	92.00	234	104
43164A	MITSUBISHI	4D30 OLD ALFIN	4	100.00	238	119
43166A	MITSUBISHI	4D30 ALFIN	4	100.00	238	120
43168A	MITSUBISHI	4D31 / 4D31T ALFIN	4	100.00	238	121
43168A-6	MITSUBISHI	6D31 / 6D31T ALFIN	6	100.00	239	124
43170A	MITSUBISHI	4D34 ALFIN	4	104.00	239	126
43171A	MITSUBISHI	4D55 / 4D56 ALFIN	4	91.10	231	92
43173A	MITSUBISHI	4D56T ALFIN	4	91.10	231	93
43176	MITSUBISHI	2G23	2	70.00	208	3
43187	MITSUBISHI	G15B	4	75.50	212	18
43195	MITSUBISHI	G37B	4	80.60	215	32
43207	MITSUBISHI	G63B	4	85.00	218	43
43216	MITSUBISHI	4G17	4	72.20	209	8
43217	MITSUBISHI	4G15	4	75.50	212	19
43218	MITSUBISHI	6G72	6	91.10	225	71
43219	MITSUBISHI	4G37	4	80.60	216	33
43220	MITSUBISHI	6G72 NEW	6	91.10	225	72
43221	MITSUBISHI	4G32-M	4	76.90	214	26
43222	MITSUBISHI	4G63-P	4	85.00	218	44
43223A	MITSUBISHI	6D16-T ALFIN	6	118.00	247	156
43224	MITSUBISHI	4G32-III	4	76.90	214	27
43225	MITSUBISHI	4G64S	4	86.50	221	55
43226	MITSUBISHI	4G63DK	4	85.00	219	45
43227A	MITSUBISHI	4D32 ALFIN	4	104.00	240	127
43228	MITSUBISHI	4G64	4	86.50	221	56
43229A	MITSUBISHI	4D65T ALFIN	4	80.60	229	83
43230	MITSUBISHI	420A	4	87.50	223	62
43231	MITSUBISHI	4G63D	4	85.00	219	46
43232AG	MITSUBISHI	4M40-T ALFIN GALLERY	4	95.00	235	109
43233	MITSUBISHI	G54B, RWD	4	91.10	224	67
43234	MITSUBISHI	4G63D-T	4	85.00	219	47
43235	MITSUBISHI	6G72-T	6	91.10	226	73
43241A	MITSUBISHI	4D65T OLD ALFIN	4	80.60	229	84
43242AG	MITSUBISHI	4D56-T LATE ALFIN GALLERY	4	91.10	231	94
43244A	MITSUBISHI	4D33 ALFIN	4	108.00	242	136
43247	MITSUBISHI	6G74	6	93.00	227	79
43248	MITSUBISHI	4G15-II	4	75.50	212	20
43249	MITSUBISHI	6G72H	6	91.10	226	74
43250	MITSUBISHI	4G61	4	82.30	217	39
43257	MITSUBISHI	4G13-II	4	71.00	208	4
43258	MITSUBISHI	4G64N	4	86.50	222	57
43261	MITSUBISHI	4G63K	4	85.00	219	48
43263	MITSUBISHI	6G73	6	83.50	217	40
43264A	MITSUBISHI	4D65 ALFIN	4	80.60	229	85
43265A	MITSUBISHI	6D16-1AT2 ALFIN	6	118.00	247	158
43266A	MITSUBISHI	6D16-2A ALFIN	6	118.00	248	159
43267A	MITSUBISHI	6D17-1A ALFIN	6	118.00	247	157
43268A	MITSUBISHI	6D16-1A ALFIN	6	118.00	248	160

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TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
43270	MITSUBISHI	4G64-II	4	86.50	222	58
43271	MITSUBISHI	6G74-II	6	93.00	227	80
43272	MITSUBISHI	G15B-II	4	75.50	213	21
43273	MITSUBISHI	G54BT	4	91.10	224	68
43274A	MITSUBISHI	6D22-T ALFIN	6	130.00	249	164
43275A	MITSUBISHI	8DC91-T ALFIN	8	135.00	250	168
43276	MITSUBISHI	G64FR	4	86.50	222	59
43278	MITSUBISHI	6G72-II	6	91.10	226	75
43279	MITSUBISHI	4G63N	4	85.00	220	49
43280A	MITSUBISHI	4D36 ALFIN	4	104.00	240	128
43281	MITSUBISHI	4G18	4	76.00	213	22
43282	MITSUBISHI	4G13-IV	4	71.00	209	5
43283A	MITSUBISHI	6D15-II ALFIN	6	113.00	245	148
43284	MITSUBISHI	6G74-III	6	93.00	228	81
43285	MITSUBISHI	4D56-II	4	91.10	235	95
43286A	MITSUBISHI	4D65-II ALFIN	4	80.60	229	86
43287	MITSUBISHI	4G69	4	87.00	223	61
43288	MITSUBISHI	4G94	4	81.50	217	38
43289	MITSUBISHI	6D14.A	6	110.00	243	142
43290	MITSUBISHI	6G75	6	95.00	228	82
43291A	MITSUBISHI	4D56 LATE ALFIN	4	91.10	232	96
43292	MITSUBISHI	4G54C	4	91.10	225	69
43293AG	MITSUBISHI	4D34T NEW ALFIN GALLERY	4	104.00	241	132
43294	MITSUBISHI	6G72-V	6	91.10	226	76
43296	MITSUBISHI	3A92	3	75.00	210	12
43296-4	MITSUBISHI	4A92	4	75.00	211	14
43297	MITSUBISHI	6B31	6	87.60	223	63
43299A	MITSUBISHI	4D33-III ALFIN	4	108.00	242	137
43300AG	MITSUBISHI	4D56T CRDi-II ALFIN GALLERY	4	91.10	232	97
43301AG	MITSUBISHI	4N15 ALFIN GALLERY	4	86.00	230	90
43302	MITSUBISHI	4G18-II	4	76.00	213	23
43303	MITSUBISHI	4A91 MIVEC	4	75.00	211	15
43304AG	MITSUBISHI	4N15-II ALFIN GALLERY	4	86.00	231	91
43305AG	MITSUBISHI	6M60 ALFIN GALLERY	6	118.00	248	161
43306G	MITSUBISHI	4B40 GALLERY	4	75.00	211	16
43307	MITSUBISHI	4G64-IV	4	86.50	222	60
43308	MITSUBISHI	4G63	4	85.00	220	50
43309	MITSUBISHI	4B10	4	86.00	221	53
43600	MITSUBISHI	4G13	4	71.00	209	6
43605A	MITSUBISHI	4D34T ALFIN	4	104.00	240	129
43605A-6	MITSUBISHI	6D34T ALFIN	6	104.00	241	134
43606	MITSUBISHI	4G36	4	73.00	210	10
43607	MITSUBISHI	4G12	4	74.00	210	11
43608AG	MITSUBISHI	4D35 ALFIN GALLERY	4	110.00	242	138
43609	MITSUBISHI	4DR51/4DR5 LATE	4	92.00	234	103
43610A	MITSUBISHI	4DR7 ALFIN	4	95.00	235	110
43612AG	MITSUBISHI	4D68T ALFIN GALLERY	4	82.70	230	87
43613A	MITSUBISHI	4D68 ALFIN	4	82.70	230	88

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TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
43614A	MITSUBISHI	6D22 ALFIN	6	130.00	249	165
43615A	MITSUBISHI	6D14-T ALFIN	6	110.00	244	143
43616	MITSUBISHI	4G11	4	69.50	208	2
43617A	MITSUBISHI	4D31 T ALFIN	4	100.00	238	122
43618A	MITSUBISHI	8DC8 ALFIN	8	135.00	250	167
43619A	MITSUBISHI	4D32 LATE ALFIN	4	104.00	240	130
43621	MITSUBISHI	G63B-II	4	85.00	220	51
43652	MITSUBISHI	4G13-III	4	71.00	209	7
43654	MITSUBISHI	G54B-II	4	91.10	225	70
43655A	MITSUBISHI	S4E ALFIN	4	94.00	234	105
43655-6	MITSUBISHI	S6E	6	94.00	235	107
43656	MITSUBISHI	G32S	4	76.90	214	28
43657	MITSUBISHI	4G92S-H	4	81.00	216	34
43658	MITSUBISHI	4G93	4	81.00	216	35
43659A	MITSUBISHI	8DC11 ALFIN	8	142.00	250	169
43661A	MITSUBISHI	4D56-T LATE-II ALFIN	4	91.10	232	98
43663AG	MITSUBISHI	4M41-T ALFIN GALLERY	4	98.50	237	118
43664A	MITSUBISHI	4D31-T LATE ALFIN	4	100.00	239	123
43664A-6	MITSUBISHI	6D31-T LATE ALFIN	6	100.00	239	125
43665A	MITSUBISHI	6D14-T.2A ALFIN	6	110.00	244	144
43666A	MITSUBISHI	4D32 NEW ALFIN	4	104.00	241	131
43667	MITSUBISHI	6G72-IV	6	91.10	227	27
43668A	MITSUBISHI	6D14-T-II ALFIN	6	110.00	244	145
43669	MITSUBISHI	6G72-III	6	91.10	227	78
43670AG	MITSUBISHI	4M40-T-II ALFIN GALLERY	4	95.00	236	111
43671	MITSUBISHI	4G92S	4	81.00	216	36
43672AG	MITSUBISHI	4D55T/4D56T-II ALFIN GALLERY	4	91.10	233	99
43673A	MITSUBISHI	4M40 ALFIN	4	95.00	236	112
43674A	MITSUBISHI	4M51 ALFIN	4	118.00	246	153
43675A	MITSUBISHI	6D15.3AT ALFIN	6	113.00	245	149
43676	MITSUBISHI	G63DH	4	85.00	220	52
43677	MITSUBISHI	6A12	6	78.40	215	30
43678AG	MITSUBISHI	4D56T CRDi ALFIN GALLERY	4	91.10	233	100
43679	MITSUBISHI	4G93-II	4	81.00	217	37
43680	MITSUBISHI	4A31	4	66.00	208	1
43681AG	MITSUBISHI	4M42-0AT ALFIN GALLERY	4	95.00	236	113
43682	MITSUBISHI	S4S	4	94.00	234	106
43682-6	MITSUBISHI	S6S	6	94.00	235	108
43683AG	MITSUBISHI	4M51T ALFIN GALLERY	4	118.00	246	152
43684A	MITSUBISHI	6D14.3AT ALFIN	6	110.00	244	146
43685AG	MITSUBISHI	4M50T ALFIN GALLERY	4	114.00	246	151
43686A	MITSUBISHI	6D15-III ALFIN	6	113.00	245	150
43687	MITSUBISHI	4DQ5	4	84.00	230	89
43688	MITSUBISHI	S4E2	4	98.00	237	115
43691AG	MITSUBISHI	4D35 / 4D35T ALFIN GALLERY	4	110.00	243	139
43692	MITSUBISHI	4B11	4	86.00	221	54
43693A	MITSUBISHI	4D34T-II ALFIN	4	104.00	241	133
43694	MITSUBISHI	4B12	4	88.00	224	65

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TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
43695AG	MITSUBISHI	6M61 ALFIN GALLERY	6	118.00	248	162
43696-3	MITSUBISHI	3A91	3	75.00	211	13
43696	MITSUBISHI	4A91	4	75.00	212	17
43699A	MITSUBISHI	6D22-T-II ALFIN	6	130.00	249	166
43701AG	MITSUBISHI	6D34.2AT ALFIN GALLERY	6	104.00	242	135
43709AG	MITSUBISHI	4D55T / 4D56T ALFIN GALLERY	4	91.10	232	101
43710A	MITSUBISHI	4M40-II ALFIN	4	95.00	236	114
43711A	MITSUBISHI	4M51-II ALFIN	4	118.00	246	154
43712A	MITSUBISHI	6D16-III ALFIN	6	118.00	249	163
44102	NISSAN	A12 1970	4	73.00	254	11
44109	NISSAN	A14S, A14	4	76.00	256	20
44114	NISSAN	A15S, A15	4	76.00	257	21
44121	NISSAN	J15, J16	4	77.95	261	40
44122	NISSAN	E10S, E10	4	73.00	254	12
44125	NISSAN	E15S, E15	4	76.00	257	22
44160-4	NISSAN	L16	4	83.00	266	58
44160	NISSAN	L24/L26	6	83.00	267	64
44166	NISSAN	L18 NEW 1970	4	85.00	270	76
44167	NISSAN	L18 OLD	4	85.00	270	77
44176A	NISSAN	LD20 ALFIN	4	85.00	286	137
44186	NISSAN	CA16	4	78.00	262	43
44190	NISSAN	CA18	4	83.00	266	59
44193	NISSAN	CA20	4	84.50	269	173
44196	NISSAN	H20, H20P	4	87.20	275	95
44210A	NISSAN	SD22 ALFIN	4	83.00	284	130
44210A-6	NISSAN	SD33 ALFIN	6	83.00	285	132
44215A	NISSAN	SD23 / SD25 ALFIN	4	89.00	288	146
44224	NISSAN	Z20	4	85.00	271	78
44227	NISSAN	Z20S	4	85.00	271	79
44230	NISSAN	Z22S	4	87.00	273	89
44232	NISSAN	Z24, Z24i	4	89.00	275	97
44235	NISSAN	P680	6	85.73	271	81
44236A	NISSAN	PD6 ALFIN	6	125.00	300	193
44242A	NISSAN	RD8 ALFIN	8	135.00	301	197
44244A	NISSAN	ND6 ALFIN	6	110.00	299	190
44246A	NISSAN	NE6 ALFIN	6	110.00	299	191
44255A	NISSAN	TD25 ALFIN	4	92.90	290	153
44256	NISSAN	A10	4	73.00	255	14
44258	NISSAN	GA16i, GA16DS	4	76.00	257	24
44259	NISSAN	E16i	4	76.00	257	25
44260	NISSAN	GA16DE	4	76.00	258	26
44261A	NISSAN	FE6T ALFIN	6	108.00	298	184
44262A	NISSAN	CD17 ALFIN	4	80.00	284	126
44263A	NISSAN	LD20-II ALFIN	4	85.00	286	138
44264A	NISSAN	RE8 ALFIN	8	135.00	301	198
44264A-10	NISSAN	RE10 ALFIN	10	135.00	301	199
44265	NISSAN	J18	4	80.50	265	56

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TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
44266A	NISSAN	TD23 ALFIN	4	89.00	288	147
44267A	NISSAN	TD27 ALFIN	4	96.00	290	155
44267A-6	NISSAN	TD42 ALFIN	6	96.00	290	155
44268	NISSAN	E16	4	76.00	258	26
44269	NISSAN	Z16	4	83.00	266	60
44270	NISSAN	GA16DE-II	4	76.00	258	27
44271	NISSAN	KA24E	4	89.00	276	98
44272	NISSAN	KA24E-II	4	89.00	276	99
44273	NISSAN	VQ30DE	6	93.00	280	115
44274	NISSAN	VG33E	6	91.50	279	113
44275	NISSAN	VG30E	6	87.00	274	91
44276	NISSAN	VG30DE	6	87.00	274	92
44277	NISSAN	VG30i / VG30E OLD	6	87.00	274	93
44278	NISSAN	Z22	4	87.00	274	90
44279	NISSAN	CA20-II	4	84.50	270	74
44283	NISSAN	L16-II/L26-II	4	83.00	266	61
44283-6	NISSAN	L24-II/L26-II	6	83.00	267	65
44290A	NISSAN	RF8 ALFIN	8	138.00	302	200
44290A-10	NISSAN	RF10 ALFIN	10	138.00	302	201
44291	NISSAN	SD22-II	4	83.00	284	131
44295A	NISSAN	LD23 ALFIN	4	87.00	288	145
44296AG	NISSAN	TD27-T - II ALFIN GALLERY	4	96.00	291	156
44297A	NISSAN	QD32 ALFIN	4	99.20	194	171
44305	NISSAN	L20B	4	85.00	271	80
44306	NISSAN	GA16DS-II, GA16S	4	76.00	258	28
44316	NISSAN	Z24-II	4	89.00	276	100
44320A	NISSAN	NE6T ALFIN	6	110.00	300	192
44321	NISSAN	KA24DE	4	89.00	276	101
44322	NISSAN	A14-II	4	76.00	259	29
44323A	NISSAN	FD6T ALFIN	6	100.00	296	176
44324	NISSAN	A15-II	4	76.00	259	30
44325	NISSAN	VQ30DE-II	6	93.00	280	116
44326	NISSAN	CG13DE	4	71.00	252	3
44327	NISSAN	CG10DE	4	71.00	252	4
44328	NISSAN	QR25DE	4	89.00	277	102
44329	NISSAN	E16-T	4	76.00	259	31
44330A	NISSAN	PE6-T ALFIN	6	133.00	300	195
44331	NISSAN	VQ35DE-II	6	95.50	280	117
44332	NISSAN	VQ35DE	6	95.50	281	118
44333	NISSAN	QG18DE-II	4	80.00	265	53
44334	NISSAN	VG30i-II	6	87.00	275	93
44335	NISSAN	L28S	6	86.00	273	85
44336	NISSAN	L24S	6	83.00	268	65
44337	NISSAN	GA15DS-II	4	73.60	255	14
44338	NISSAN	KA24DE-IV	4	89.00	277	103
44339	NISSAN	HR15DE	4	78.00	262	44
44340	NISSAN	MR18DE	4	84.00	268	58
44341	NISSAN	VQ40DE	6	95.50	281	119

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TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
44342	NISSAN	QR20DE	4	89.00	277	104
44343	NISSAN	QR25DE-III	4	89.00	277	105
44344A	NISSAN	FE6T-II ALFIN	6	108.00	298	185
44345	NISSAN	HR16DE	4	78.00	262	45
44347	NISSAN	TB45DE/TB48DE	6	99.50	283	126
44348A	NISSAN	FE6-TC ALFIN	6	108.00	283	127
44349	NISSAN	QR25DE-IV	4	89.00	278	106
44350	NISSAN	MR20DE	4	84.00	268	69
44351	NISSAN	HR12DE	3	78.00	261	41
44352	NISSAN	NA20-II	4	86.00	272	82
44353	NISSAN	QR25DE-V	4	89.00	278	107
44355	NISSAN	E15-III	4	76.00	259	32
44356	NISSAN	1.6L	4	79.50	264	51
44357	NISSAN	QR25DE-VI	4	89.00	278	108
44358	NISSAN	MRA8DE	4	79.70	264	52
44360	NISSAN	VQ35DE-III	6	95.50	280	121
44361	NISSAN	HR16DE-II	4	78.00	263	46
44362G	NISSAN	MR16DDT GALLERY	4	79.70	264	53
44363AG	NISSAN	R9M ALFIN GALLERY	4	80.00	284	129
44364AG	NISSAN	YD25DDTi-II ALFIN GALLERY	4	89.00	289	148
44365	NISSAN	HR16DE-III	4	78.00	263	47
44366	NISSAN	VK56VD	8	98.00	282	123
44367AG	NISSAN	TD42T-II ALFIN GALLERY	6	96.00	293	167
44368G	NISSAN	MR20DD GALLERY	4	84.00	262	70
44369A	NISSAN	HRA2DDT ALFIN	4	72.20	254	10
44370	NISSAN	MR20DE-IV	4	84.00	263	71
44371	NISSAN	QG16DE-II	4	76.00	260	33
44372	NISSAN	HR10DET	3	72.20	254	100
44373	NISSAN	HR12DE-II	3	78.00	252	42
44374	NISSAN	HR15DE-II	4	78.00	263	48
44375	NISSAN	VK56VD-II	8	98.00	282	124
44376	NISSAN	VQ35DD	6	95.50	281	120
44377	NISSAN	MR20DE-V	4	84.00	269	72
44600	NISSAN	MA10	4	68.00	252	1
44601	NISSAN	SR20DE	4	86.00	272	83
44602A	NISSAN	CD20 ALFIN	4	84.50	285	134
44603A	NISSAN	SD33T ALFIN	6	83.00	285	133
44604	NISSAN	NA20	4	86.00	272	84
44605A	NISSAN	ED33 ALFIN	4	100.00	295	173
44606	NISSAN	RD28	6	85.00	287	140
44608	NISSAN	H20-II	4	87.20	275	96
44609	NISSAN	GA13	4	71.00	253	5
44610	NISSAN	GA15DS	4	73.60	255	15
44611	NISSAN	E13	4	76.00	260	34
44614	NISSAN	GA14DS	4	73.60	255	16
44615	NISSAN	NA16S	4	81.50	265	57
44616	NISSAN	L28	6	86.00	273	87
44617	NISSAN	L24E	6	83.00	268	67

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TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
44618A	NISSAN	FD46 ALFIN	4	108.00	297	182
44619AG	NISSAN	BD30 ALFIN GALLERY	4	96.00	291	157
44620A	NISSAN	FD35 ALFIN	4	102.50	296	179
44621AG	NISSAN	TD27-T ALFIN GALLERY	4	96.00	291	158
44621AG-6	NISSAN	TD42-T ALFIN GALLERY	6	96.00	294	168
44622A	NISSAN	SD23/25-II ALFIN	4	89.00	289	149
44623AG	NISSAN	RD28-T ALFIN GALLERY	6	85.00	287	141
44624AG	NISSAN	LD20-T ALFIN GALLERY	4	85.00	286	139
44625A	NISSAN	LD28 ALFIN	6	84.50	286	136
44629A	NISSAN	FD33-T ALFIN	4	100.00	295	174
44630A	NISSAN	TD27-LATE ALFIN	4	96.00	291	159
44630A-6	NISSAN	TD42-LATE ALFIN	6	96.00	294	169
44650	NISSAN	MA10-II	4	68.00	252	2
44652	NISSAN	SR20DE-II	4	86.00	272	85
44653	NISSAN	RB20E	6	78.00	264	50
44654AG	NISSAN	BD30T ALFIN GALLERY	4	96.00	292	160
44655A	NISSAN	PE6 ALFIN	6	133.00	301	196
44656A	NISSAN	FE6TA ALFIN	6	108.00	298	187
44657A	NISSAN	FD6T-II ALFIN	6	100.00	296	177
44658A	NISSAN	FD6T-III ALFIN	6	100.00	296	178
44659A	NISSAN	FD35-T ALFIN	4	102.50	297	180
44660	NISSAN	TB42/ E/ S	6	96.00	282	122
44661	NISSAN	CA18ET	4	83.00	267	62
44662	NISSAN	L16-III	4	83.00	267	63
44663	NISSAN	CA20-III	4	84.50	270	75
44664	NISSAN	RB30E	6	86.00	273	88
44665AG	NISSAN	FD42 ALFIN GALLERY	4	108.00	297	183
44666A	NISSAN	TD25 LATE ALFIN	4	92.90	290	154
44667A	NISSAN	FE6 ALFIN	6	108.00	299	188
44669	NISSAN	GA14	4	73.60	256	17
44670	NISSAN	ED30	4	98.00	294	170
44671AG	NISSAN	YD25TDI ALFIN GALLERY	4	89.00	289	150
44672AG	NISSAN	ZD30 ALFIN GALLERY	4	96.00	292	161
44673AG	NISSAN	ZD30 LATE ALFIN GALLERY	4	96.00	292	162
44674AG	NISSAN	TD27-T NEW ALFIN GALLERY	4	96.00	292	163
44675	NISSAN	K21	4	89.00	278	109
44676	NISSAN	K25	4	89.00	279	110
44677	NISSAN	QG15DE	4	73.60	256	18
44678AG	NISSAN	ZD30DDTI ALFIN GALLERY	4	96.00	293	164
44679A	NISSAN	PD6-T ALFIN	6	125.00	300	194
44680	NISSAN	VK56DE	8	98.00	282	125
44681AG	NISSAN	CD20-T ALFIN GALLERY	4	84.50	285	135
44682	NISSAN	QG18DE	4	80.00	265	55
44683AG	NISSAN	QD32TI ALFIN GALLERY	4	99.20	295	172
44684AG	NISSAN	YD25TDI NEW ALFIN GALLERY	4	89.00	289	151
44685AG	NISSAN	YD22DDT/ETI ALFIN GALLERY	4	86.00	287	143
44686AG	NISSAN	YD25DDTI ALFIN GALLERY	4	89.00	290	152
44687	NISSAN	CG13DE-II	4	71.00	253	6

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TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
44688	NISSAN	QG16	4	76.00	260	35
44689	NISSAN	VQ20	6	76.00	261	38
44690	NISSAN	QG16DE	4	76.00	260	36
44691	NISSAN	QG15	4	73.60	256	19
44692A	NISSAN	FE6T NEW ALFIN	6	108.00	299	189
44693	NISSAN	VQ20-II	6	76.00	261	39
44694A	NISSAN	ED35 ALFIN	4	102.50	297	181
44695	NISSAN	GA16DE-III	4	76.00	261	37
44696AG	NISSAN	RD28TI NEW ALFIN GALLERY	6	85.00	287	142
44697AG	NISSAN	YD22DDT/DDTI ALFIN GALLERY	4	86.00	288	144
44698A	NISSAN	FD33 ALFIN	4	100.00	295	175
44699	NISSAN	H25	4	92.00	280	114
44702AG	NISSAN	ZD30DD ALFIN GALLERY	4	96.00	293	165
44704	NISSAN	MA12S	4	71.00	253	7
44705	NISSAN	CR12DE	4	71.00	253	8
44707	NISSAN	K21-II	4	89.00	279	111
44708	NISSAN	K25-II	4	89.00	279	112
44721	NISSAN	HR16DE-IV	4	78.00	264	49
45114-3	SUZUKI	F5A	3	62.00	326	1
45114	SUZUKI	F8A, ST90, LJ80	4	62.00	326	2
45117	SUZUKI	F10A, ST100, SJ410	4	65.50	327	5
45122	SUZUKI	SS80	3	68.50	327	8
45123	SUZUKI	SL413	4	75.00	335	38
45124	SUZUKI	G16KV	4	75.00	335	39
45125	SUZUKI	G10 NEW, G10A	3	74.00	331	23
45125-4	SUZUKI	G13 NEW	4	74.00	334	36
45126	SUZUKI	G10	3	74.00	331	24
45126-4	SUZUKI	G13	4	74.00	335	37
45127	SUZUKI	G16A, G16KC	4	75.00	335	40
45128	SUZUKI	G13B	4	74.00	332	25
45131-4	SUZUKI	J18	4	84.00	339	55
45131	SUZUKI	H25A	6	84.00	339	56
45132	SUZUKI	VITARA	4	75.00	336	41
45133	SUZUKI	J20A	4	84.00	338	51
45134	SUZUKI	H20A	6	78.00	338	50
45135	SUZUKI	STEAM 1.3L	4	74.00	332	26
45136	SUZUKI	ALTO	4	68.00	327	7
45137	SUZUKI	H27	6	88.00	340	57
45138	SUZUKI	F6A	3	65.00	326	4
45139	SUZUKI	J24B	4	92.00	340	60
45140	SUZUKI	AERIO	4	90.00	340	59
45141	SUZUKI	K12A	4	71.00	328	12
45142	SUZUKI	H27-II	6	88.00	340	58
45143	SUZUKI	M15A	4	78.00	337	46
45144	SUZUKI	G16B-II	4	75.00	336	42
45145	SUZUKI	K10B	3	73.00	329	14
45146-3	SUZUKI	ALTO LXI	3	68.50	328	10

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TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
45146	SUZUKI	WAGON R	4	68.50	328	11
45147	SUZUKI	SX4	4	84.00	338	52
45148	SUZUKI	K14B	4	73.00	329	16
45149	SUZUKI	G15A	4	75.00	336	43
45150	SUZUKI	J20A-II	4	84.00	339	53
45151	SUZUKI	K6A	3	68.00	327	6
45152	SUZUKI	J20B	4	84.00	339	54
45153	SUZUKI	G16KV-II	4	75.00	336	44
45154	SUZUKI	ALTO 800 CC LXI	3	68.50	328	29
45156	SUZUKI	K15B	4	74.00	332	27
45157	SUZUKI	M16A	4	78.00	337	47
45158	SUZUKI	K15B-C	4	74.00	332	28
45159AG	SUZUKI	D13A ALFIN GALLERY	4	69.60	341	61
45160	SUZUKI	K12M	4	73.00	330	17
45161	SUZUKI	K14B-II	4	73.00	330	18
45162	SUZUKI	K12B	4	73.00	330	19
45163	SUZUKI	K12B-II	4	73.00	330	20
45164	SUZUKI	K10B-III	3	73.00	329	15
45165	SUZUKI	K12M-II	4	73.00	331	21
45166	SUZUKI	G10B	4	72.00	329	13
45167	SUZUKI	K15B-II	4	74.00	333	29
45168	SUZUKI	K15C	4	74.00	333	30
45169	SUZUKI	K15B-III	4	74.00	333	31
45170	SUZUKI	K14C	4	73.00	331	22
45601	SUZUKI	SWIFT 1.6	4	75.00	337	45
45650	SUZUKI	G13-II	4	74.00	333	32
45652	SUZUKI	F8A	4	62.00	326	3
45653	SUZUKI	G13BB	4	74.00	334	3
45654	SUZUKI	G13B-II	4	74.00	334	4
45655	SUZUKI	G13-Y58	4	74.00	334	35
45656	SUZUKI	M13A	4	78.00	337	48
45657	SUZUKI	M15A-II	4	78.00	338	49
46103	TOYOTA	3K	4	75.00	351	23
46105	TOYOTA	4K , 4KU	4	75.00	351	24
46107	TOYOTA	5K	4	80.50	358	51
46112A	TOYOTA	1C ALFIN	4	83.00	393	186
46116	TOYOTA	1S	4	80.50	358	52
46118	TOYOTA	1Y	4	86.00	371	102
46119	TOYOTA	2Y	4	86.00	371	103
46120	TOYOTA	3Y	4	86.00	371	104
46122	TOYOTA	4Y	4	91.00	382	148
46123	TOYOTA	B, BU-15	4	95.00	403	229
46124A	TOYOTA	B, BU-30 ALFIN	4	95.00	404	230
46127	TOYOTA	2B	4	98.00	407	244
46128A	TOYOTA	3B ALFIN	4	102.00	408	249
46130A	TOYOTA	13B ALFIN	4	102.00	409	250
46132	TOYOTA	F, FA-90	6	90.00	382	147

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TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
46136	TOYOTA	2F	6	94.00	384	156
46138	TOYOTA	3F	6	94.00	385	157
46141	TOYOTA	2E	4	73.00	350	17
46163	TOYOTA	3A, 3AU	4	77.50	356	41
46175	TOYOTA	5R OLD	4	88.00	379	136
46177	TOYOTA	5R NEW	4	88.00	380	137
46187	TOYOTA	12R, 12RU	4	80.50	359	53
46189	TOYOTA	18R, 18RC, 18RB	4	88.50	380	138
46199	TOYOTA	21R, 21RC	4	84.00	368	91
46201	TOYOTA	22R	4	92.00	383	150
46202	TOYOTA	22R-E	4	92.00	383	151
46207	TOYOTA	2T, 2T-B	4	85.00	369	95
46211	TOYOTA	2T, 2T-U	4	85.00	369	96
46218	TOYOTA	3T, 3T-U, 13T-U	4	85.00	370	97
46226A	TOYOTA	2J ALFIN	4	88.00	397	204
46226A-6	TOYOTA	H NEW ALFIN	6	88.00	398	207
46231A	TOYOTA	2H ALFIN	6	91.00	399	211
46234	TOYOTA	L OLD, LN30	4	90.00	398	208
46236	TOYOTA	L NEW, LN50	4	90.00	398	209
46238	TOYOTA	L NEW-II	4	90.00	399	210
46240A	TOYOTA	2L ALFIN	4	92.00	400	214
46242	TOYOTA	2D OLD	6	105.00	411	258
46244	TOYOTA	2D NEW	6	105.00	411	259
46253	TOYOTA	4AGEC, 4AGEU	4	81.00	363	72
46254A	TOYOTA	14B ALFIN	4	102.00	409	251
46255	TOYOTA	3SFE	4	86.00	372	105
46256A	TOYOTA	3L ALFIN	4	96.00	405	236
46257A	TOYOTA	1HZ, 1PZ ALFIN	6	94.00	402	224
46258	TOYOTA	5E-FE	4	74.00	351	21
46259	TOYOTA	7K	4	80.50	359	54
46260A	TOYOTA	2C ALFIN	4	86.00	394	190
46261A	TOYOTA	2L-II, 2L LATE ALFIN	4	92.00	400	215
46262	TOYOTA	4AFE, 4AG	4	81.00	364	73
46263	TOYOTA	3SGTE	4	86.00	372	106
46264A	TOYOTA	2C-II, 2CT LATE ALFIN	4	86.00	394	191
46265	TOYOTA	BU 15-II	4	95.00	404	231
46266	TOYOTA	4AFE-II, 4AG	4	81.00	364	74
46267	TOYOTA	21R-II	4	84.00	368	92
46268A	TOYOTA	1HD-T LATE ALFIN	6	94.00	402	225
46269	TOYOTA	4AC/ 4AELU	4	81.00	364	75
46270	TOYOTA	1FZ-FE	6	100.00	390	179
46271	TOYOTA	4AFE-III	4	81.00	364	76
46272-4	TOYOTA	3F NEW, 3FE	4	94.00	384	154
46272	TOYOTA	3F NEW, 3FE	6	94.00	385	158
46273AG	TOYOTA	5L ALFIN GALLERY	4	99.50	408	248
46274	TOYOTA	3E, 3EE	4	73.00	350	18
46275	TOYOTA	7MGTE, 7MGTEU	6	83.00	367	87
46276A	TOYOTA	1N ALFIN	4	74.00	392	183

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
46277	TOYOTA	7AFE	4	81.00	365	77
46278A	TOYOTA	2C-T ALFIN	4	86.00	394	192
46279	TOYOTA	5SFE	4	87.00	376	124
46280	TOYOTA	7MGE, 7MG	6	83.00	367	88
46281	TOYOTA	3VZ-FE	6	87.50	377	128
46282	TOYOTA	1FZ-FE-II	6	100.00	390	180
46283AG	TOYOTA	1KZ-TE, 1KZ ALFIN GALLERY	4	96.00	405	237
46286	TOYOTA	4 A-GEU	4	81.00	365	78
46287A	TOYOTA	11B ALFIN	4	95.00	404	232
46288	TOYOTA	1MZFE	6	87.50	378	129
46289	TOYOTA	4SFI	4	82.50	367	85
46290	TOYOTA	5AF	4	78.70	356	44
46294	TOYOTA	20R	4	88.50	380	139
46300	TOYOTA	1RZ	4	86.00	372	107
46308	TOYOTA	BU-30-II	4	95.00	404	233
46309	TOYOTA	5SFE-II	4	87.00	377	125
46310	TOYOTA	4AGE, 4AGELC	4	81.00	365	79
46311	TOYOTA	2RZ-FE	4	95.00	388	169
46312	TOYOTA	3RZ-FE, 3RZ-FZ	4	95.00	374	116
46313	TOYOTA	2TZ-FE	4	95.00	388	171
46316	TOYOTA	H-II	6	88.00	398	206
46325A	TOYOTA	1HD-T-II ALFIN	6	94.00	403	226
46329	TOYOTA	2TZFZE	4	95.00	388	172
46330	TOYOTA	2JZGE	6	86.00	376	121
46331G	TOYOTA	2JZGTE GALLERY	6	86.00	376	123
46332	TOYOTA	1NZFE	4	75.00	352	25
46334	TOYOTA	1ZZFE	4	79.00	357	46
46335	TOYOTA	5K-II	4	80.50	359	55
46336	TOYOTA	4A	4	81.00	365	80
46337	TOYOTA	2UZFE	8	94.00	387	165
46338	TOYOTA	2T/2TB	4	85.00	370	98
46339A	TOYOTA	RINO ALFIN	4	104.00	410	255
46340	TOYOTA	2ZZFE	4	82.00	366	84
46341	TOYOTA	1SZFE	4	69.00	346	1
46342	TOYOTA	4ZZFE	4	79.00	357	47
46343	TOYOTA	2AZFE	4	88.50	380	140
46344	TOYOTA	2TZ-FE-II	4	95.00	389	173
46345	TOYOTA	2E-II	4	73.00	350	19
46346	TOYOTA	4E-FE-II	4	74.00	351	22
46347	TOYOTA	5AFE NEW	4	78.70	357	45
46348AG	TOYOTA	2KD - FTV ALFIN GALLERY	4	92.00	401	218
46349	TOYOTA	4A-GEU-II	4	81.00	366	81
46350	TOYOTA	1UZFE-II	8	87.50	379	134
46351A	TOYOTA	2LT NEW-II ALFIN	4	92.00	401	219
46352	TOYOTA	2JZGE-II	6	86.00	376	122
46353	TOYOTA	1AZFE	4	86.00	372	108
46354	TOYOTA	2NZ-FE	4	75.00	352	26
46355	TOYOTA	2NZ-FE-II	4	75.00	352	27

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
46356	TOYOTA	3SZ-VE	4	72.00	347	6
46357	TOYOTA	3MZFE	6	92.00	383	152
46358	TOYOTA	7K-II	4	80.50	359	56
46359	TOYOTA	1RZ-III	4	86.00	373	109
46360	TOYOTA	2TR-FE	4	95.00	389	174
46361	TOYOTA	K3-VE	4	72.00	347	7
46362AG	TOYOTA	1HD-FT ALFIN GALLERY	6	94.00	403	227
46363-4	TOYOTA	2GR-FE	4	94.00	384	155
46363	TOYOTA	2GR-FE	6	94.00	385	159
46364	TOYOTA	1NZFE-II	4	75.00	352	28
46365	TOYOTA	1AZ-FSE	4	86.00	373	110
46366	TOYOTA	1TR-FE	4	86.00	373	111
46367	TOYOTA	3ZZ-FE	4	79.00	357	48
46368	TOYOTA	1GR-FE	6	94.00	385	160
46369	TOYOTA	2J-III	4	88.00	397	205
46370	TOYOTA	1NZ-FXE	4	75.00	353	29
46371	TOYOTA	1NZFE-III	4	75.00	353	30
46372	TOYOTA	1FZ-FE-III	6	100.00	391	181
46373	TOYOTA	3SFE-VII	4	86.00	373	112
46374A	TOYOTA	2C-IV ALFIN	4	86.00	394	193
46375	TOYOTA	2RZ-FE-III	4	95.00	389	175
46376	TOYOTA	4SFI-II	4	82.50	367	86
46377	TOYOTA	1G-FE	6	75.00	354	33
46378	TOYOTA	3S-FSE	4	86.00	374	113
46379	TOYOTA	2AZFE-II	4	88.50	381	141
46381A	TOYOTA	S05C-II ALFIN	4	114.00	412	262
46382	TOYOTA	1ZR-FE	4	80.50	360	57
46383	TOYOTA	2ZR-FE	4	80.50	360	58
46384	TOYOTA	3ZR-FE	4	80.50	360	59
46385	TOYOTA	1SZFE-II	4	69.00	346	2
46386	TOYOTA	3GR-FE	6	87.50	378	130
46387	TOYOTA	3NR-FE	4	72.50	348	11
46388	TOYOTA	3UR-FE	8	94.00	387	166
46389AG	TOYOTA	2LT NEW ALFIN GALLERY	4	92.00	401	220
46390	TOYOTA	1NR-VE	4	72.50	348	12
46391	TOYOTA	2NR-VE	4	72.50	349	13
46392AG	TOYOTA	2GD FTV ALFIN GALLERY	4	92.00	401	221
46393AG	TOYOTA	1GD-FTV ALFIN GALLERY	4	92.00	402	222
46394	TOYOTA	2NR-FE	4	72.50	349	14
46395	TOYOTA	2UZ-FE-II	8	94.00	387	167
46396	TOYOTA	2GR-FSE	6	94.00	386	161
46397	TOYOTA	3GR-FSE	6	87.50	178	131
46398	TOYOTA	2ZR-FXE	4	80.50	360	60
46399	TOYOTA	1UR-FE	8	94.00	387	168
46400	TOYOTA	2AR-FXE	4	90.00	381	144
46401	TOYOTA	3UZ-FE	8	91.00	383	149
46402	TOYOTA	1ZR-FBE	4	80.50	361	61
46403	TOYOTA	2ZR-FBE	4	80.50	361	62

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
46404	TOYOTA	2GR-FKS	6	94.00	386	162
46405A	TOYOTA	8AR-FTS ALFIN	4	86.00	374	111
46406	TOYOTA	2NR-FE-II	4	72.50	349	15
46407	TOYOTA	3ZR-FE-III	4	80.50	361	63
46408	TOYOTA	2ZR-FXE-II	4	80.50	361	64
46409	TOYOTA	A25A-FXS	4	87.50	377	126
46410	TOYOTA	A25A-FKS	4	87.50	377	127
46411A	TOYOTA	V35A-FTS ALFIN	6	85.50	371	101
46412	TOYOTA	1KR-FE-II	3	71.00	346	4
46413	TOYOTA	M15A-FKS	3	80.50	358	50
46414	TOYOTA	2TR-FE-II	4	95.00	389	176
46415	TOYOTA	M20A-FKS	4	80.50	362	65
46416	TOYOTA	2NZ-FE-III	4	75.00	353	31
46417	TOYOTA	2AZFE-IV	4	88.50	381	142
46418	TOYOTA	2ZR-FXE-III	4	80.50	362	66
46419	TOYOTA	2ZR-FAE	4	80.50	362	67
46420	TOYOTA	2ZR-FAE-II	4	80.50	362	68
46421	TOYOTA	2ZR-FAE-III	4	80.50	363	69
46422	TOYOTA	2SZ-FE-II	4	72.00	347	8
46423	TOYOTA	1ZZFE-V	4	79.00	358	49
46424	TOYOTA	1NZ-FXE-II	4	75.00	353	32
46425	TOYOTA	M20A-FXS	4	80.50	363	70
46426	TOYOTA	WA-VE	3	73.50	350	20
46600AG	TOYOTA	2LT LATE ALFIN GALLERY	4	92.00	400	216
46601A	TOYOTA	2C-III ALFIN	4	86.00	395	194
46602A	TOYOTA	2L-T, 2L-THE, 2L-TE ALFIN	4	92.00	400	217
46603	TOYOTA	2K	4	72.00	348	9
46604	TOYOTA	2A	4	76.00	354	36
46605	TOYOTA	5M	6	83.00	368	89
46606	TOYOTA	3VZE	6	87.50	378	132
46607	TOYOTA	2RZ, 2RZE	4	95.00	390	177
46608A	TOYOTA	11B-II ALFIN	4	95.00	405	234
46609A	TOYOTA	2CT-II ALFIN	4	86.00	395	195
46610	TOYOTA	1GE	6	75.00	354	34
46611A	TOYOTA	2H LATE ALFIN	6	91.00	399	212
46612	TOYOTA	4P(High)	4	76.60	355	38
46613A	TOYOTA	1Z ALFIN	4	96.00	406	238
46614	TOYOTA	2R	4	78.00	356	43
46615	TOYOTA	3P	4	76.60	355	39
46618	TOYOTA	4AGE	4	81.00	366	82
46619	TOYOTA	2TC	4	85.00	370	99
46620	TOYOTA	3SFE-II	4	86.00	374	115
46621	TOYOTA	3SFE-III	4	86.00	374	116
46622A	TOYOTA	3B-II ALFIN	4	102.00	409	252
46623	TOYOTA	2F-II	6	94.00	386	163
46624A	TOYOTA	12H-T ALFIN	6	91.00	399	213
46625A	TOYOTA	14B-T ALFIN	4	102.00	409	253
46626A	TOYOTA	B LATE ALFIN	4	95.00	405	253

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
46627	TOYOTA	2S	4	84.00	369	93
46629AG	TOYOTA	3C ALFIN GALLERY	4	86.00	395	197
46630	TOYOTA	1C-III	4	83.00	393	187
46632	TOYOTA	5MGEU	6	83.00	368	90
46650	TOYOTA	1C-II	4	83.00	393	188
46651	TOYOTA	4P(Low)	4	76.60	355	40
46653	TOYOTA	21R-III	4	84.00	369	94
46654A	TOYOTA	1DZ ALFIN	4	86.00	396	198
46655A	TOYOTA	15BF ALFIN	4	108.00	411	260
46656AG	TOYOTA	15BF-T ALFIN GALLERY	4	108.00	411	261
46658	TOYOTA	1A	4	77.50	356	42
46659	TOYOTA	20R-II	4	88.50	381	143
46660	TOYOTA	2VZ-FE	6	87.50	379	133
46661	TOYOTA	1E, 1EL	4	70.50	346	3
46662	TOYOTA	13T	4	85.00	370	100
46663	TOYOTA	3SGE	4	86.00	375	117
46664	TOYOTA	4A-GEU - VVT	4	81.00	366	83
46665	TOYOTA	1UZFE	8	87.50	379	135
46666	TOYOTA	5VZ-FE	6	93.50	384	153
46667	TOYOTA	3SFE-IV	4	86.00	375	118
46668A	TOYOTA	13B-T ALFIN	4	102.00	410	254
46670	TOYOTA	1G-EU	6	75.00	354	35
46671AG	TOYOTA	1KZ-TE NEW ALFIN GALLERY	4	96.00	406	239
46674AG	TOYOTA	1HD-FTE ALFIN GALLERY	6	94.00	403	228
46675AG	TOYOTA	1KD-FTV ALFIN GALLERY	4	96.00	406	240
46676AG	TOYOTA	1ND-TV ALFIN GALLERY	4	73.00	392	182
46677	TOYOTA	1KR-FE	3	71.00	347	5
46678AG	TOYOTA	1AD-FTV ALFIN GALLERY	4	86.00	396	199
46679AG	TOYOTA	2AD-FHV ALFIN GALLERY	4	86.00	396	200
46680AG	TOYOTA	1CD-FTV ALFIN GALLERY	4	82.20	392	184
46682	TOYOTA	2Z NEW	4	98.00	407	245
46683	TOYOTA	2SZ-FE	4	72.00	348	10
46684	TOYOTA	1DZ NEW	4	86.00	395	196
46685	TOYOTA	13Z	6	98.00	408	246
46686AG	TOYOTA	1KD-FTV-II ALFIN GALLERY	4	96.00	406	241
46687	TOYOTA	2A-II	4	76.00	355	37
46688	TOYOTA	3ZR-FE-II	4	80.50	363	71
46689	TOYOTA	3SGE-II	4	86.00	375	119
46690AG	TOYOTA	1CD-FTV-II ALFIN GALLERY	4	82.20	392	185
46691AG	TOYOTA	1VD-FTV ALFIN GALLERY	8	86.00	397	203
46692	TOYOTA	1C NEW	4	83.00	393	189
46693	TOYOTA	2AR-FE	4	90.00	382	145
46694	TOYOTA	3RZ-F	4	95.00	390	178
46695AG	TOYOTA	2CT-III ALFIN GALLERY	4	86.00	396	201
46696AG	TOYOTA	2AD-FTV ALFIN GALLERY	4	86.00	397	202
46697	TOYOTA	1AR-FE	4	90.00	382	146
46698AG	TOYOTA	1KD-FTV-III ALFIN GALLERY	4	96.00	407	242
46699	TOYOTA	14Z	6	98.00	408	247

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
46700A	TOYOTA	N04C ALFIN	4	104.00	410	256
46701	TOYOTA	3S-FE-VI	4	86.00	375	120
46702	TOYOTA	1NR-FE	4	72.50	349	16
46703	TOYOTA	1GR-FE-II	6	94.00	386	164
46710AG	TOYOTA	1KD-FTV-IV ALFIN GALLERY	4	96.00	407	244
46711AG	TOYOTA	2KD-FTV-IVALFIN GALLERY	4	92.00	402	223
46716AG	TOYOTA	TOY N04CT ALFIN GALLERY	4	104.00	410	257
47101	JEEP WILLYS	88 ANP	4	79.38	160	1
47102	JEEP WILLYS	488 ANP	4	79.38	160	2
48101A	VOLKSWAGEN	ME, JP, JK, DW, CS ALFIN	4	76.50	425	44
48102	VOLKSWAGEN	FR/JB, FP WV	4	79.50	417	16
48107	VOLKSWAGEN	ET/ZF/EP	4	75.00	416	9
48108	VOLKSWAGEN	1600-HIGH, 311	4	85.50	424	42
48109	VOLKSWAGEN	1600-LOW, AM	4	85.50	424	43
48110	VOLKSWAGEN	E-II, ABS KAT, DS, DX	4	81.00	418	17
48111	VOLKSWAGEN	9A, 9A 4V KAT	4	82.50	421	29
48112	VOLKSWAGEN	DJ	4	94.00	427	55
48113	VOLKSWAGEN	ABA	4	82.50	421	30
48201	VOLKSWAGEN	JS KAT	4	81.01	420	25
48203	VOLKSWAGEN	AEG	4	82.50	421	31
48204	VOLKSWAGEN	AEB	4	81.00	418	18
48205	VOLKSWAGEN	AEB-II	4	81.00	418	19
48206	VOLKSWAGEN	2.5 / 2.6 MICROBUS	5	82.50	423	37
48207	VOLKSWAGEN	ABA-II	4	82.50	421	32
48208	VOLKSWAGEN	BGP/BGQ	5	82.50	423	38
48209	VOLKSWAGEN	LUPO	4	76.50	416	11
48210	VOLKSWAGEN	EA111 RSH	4	67.11	414	1
48211	VOLKSWAGEN	EA111	4	67.11	414	2
48212	VOLKSWAGEN	EA111 ALCOOL	4	67.11	414	3
48213	VOLKSWAGEN	EA111-II	4	67.11	414	4
48214	VOLKSWAGEN	EA111 RSH-II	4	67.11	415	5
48215	VOLKSWAGEN	2.0 L LATE	4	82.50	422	33
48216	VOLKSWAGEN	1.8L	4	81.00	418	20
48218A	VOLKSWAGEN	BZB ALFIN	4	82.51	423	40
48219	VOLKSWAGEN	1.8L-II	4	81.00	419	21
48220AG-3	VOLKSWAGEN	POLO ALFIN GALLERY	3	79.51	426	50
48220AG	VOLKSWAGEN	VENTO ALFIN GALLERY	4	79.51	426	51
48221	VOLKSWAGEN	1.4 TURBO	4	76.51	417	14
48222AG	VOLKSWAGEN	2.0 LT TDI ALFIN GALLERY	4	81.00	427	52
48223	VOLKSWAGEN	2.8L	6	81.00	419	24
48224	VOLKSWAGEN	AAF	5	81.00	419	23
48225	VOLKSWAGEN	AMX	6	82.50	423	39
48226AG	VOLKSWAGEN	AXB TURBO ALFIN GALLERY	4	79.50	425	46
48227A	VOLKSWAGEN	BJK TURBO ALFIN	5	81.00	427	53
48228	VOLKSWAGEN	CAXA	4	76.51	417	15
48229	VOLKSWAGEN	CZCA	4	74.51	415	8

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TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
48230	VOLKSWAGEN	CBZB	4	71.01	415	6
48231	VOLKSWAGEN	CZDA	4	74.50	415	7
48232A	VOLKSWAGEN	CDAB ALFIN	4	82.51	424	41
48233A	VOLKSWAGEN	CZPA ALFIN	4	82.50	422	34
48600	VOLKSWAGEN	PL 4 KAT	4	81.00	420	26
48601A	VOLKSWAGEN	1G / 1V / CY TURBO ALFIN	4	76.50	425	45
48602A	VOLKSWAGEN	1X / 1Y / AAB ALFIN	4	79.50	425	47
48603A	VOLKSWAGEN	AAZ / ABL / ADE TURBO ALFIN	4	79.50	426	48
48604	VOLKSWAGEN	1F / ABN / DT / EW	4	81.00	419	22
48605	VOLKSWAGEN	2G / AAV / HK	4	75.00	416	10
48606	VOLKSWAGEN	ADP / AEK / AFT	4	81.01	420	27
48607	VOLKSWAGEN	AEA / AEE / AHS / ALM	4	76.50	426	12
48608	VOLKSWAGEN	AFH / AFK / AHW	4	76.50	417	13
48609	VOLKSWAGEN	AAM/ADF/DS/EX/RP	4	81.01	420	28
48610	VOLKSWAGEN	2E,ADY,AGG	4	82.50	422	35
48611A	VOLKSWAGEN	BPY / CBFA/ CCTA ALFIN	4	82.50	422	36
48612AG	VOLKSWAGEN	ANU/ATD/AVB/AVQ ALFIN GALLERY	4	79.50	426	49
48613A	VOLKSWAGEN	ACV/ AGX/AHD/AHY ALFIN	5	81.00	427	54
49101	DAEWOO	LE MANS 1.5	4	76.50	24	3
49102	DAEWOO	NUBIRA	4	79.00	25	7
49103	DAEWOO	CIELO 1.5	4	76.50	24	4
49104	DAEWOO	F8C	3	68.50	24	1
49105	DAEWOO	NUBIRA-II	4	76.50	25	5
49106	DAEWOO	MATIZ II	4	68.50	24	2
49107	DAEWOO	NUBIRA-IV	4	76.50	25	6
50101	LEYLAND	4.98 NV	4	98.00	174	1
51101	HYUNDAI	J2 (BETA)	4	77.40	111	33
51102A	HYUNDAI	D4BB ALFIN	4	91.10	125	89
51103A	HYUNDAI	D4AF ALFIN	4	104.00	126	96
51104	HYUNDAI	G4EK - ALPHA - F1	4	75.50	106	16
51105	HYUNDAI	G4DR - BETA - J2	4	82.00	114	45
51108A	HYUNDAI	D4BA ALFIN	4	91.10	125	90
51110	HYUNDAI	G6BV	4	86.50	117	57
51111	HYUNDAI	G6BV DELTA	6	84.00	115	51
51112A	HYUNDAI	D4AE ALFIN	4	100.00	126	95
51113	HYUNDAI	G6BA	6	86.70	117	58
51114	HYUNDAI	G4DM	4	81.50	113	44
51115	HYUNDAI	1.6L	4	76.50	108	24
51116	HYUNDAI	G4FK	4	75.50	107	17
51117	HYUNDAI	ATOZ	4	66.00	103	2
51118	HYUNDAI	ATOZ-II	4	63.00	103	1
51119	HYUNDAI	G4EB	4	75.50	107	18
51120	HYUNDAI	G4DR - BETA - J2 - II	4	82.00	114	46
51121	HYUNDAI	XD	4	76.50	109	25
51122	HYUNDAI	MATRIX 1.8L	4	82.00	114	47

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TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
51123	HYUNDAI	XG350	6	93.00	121	73
51124	HYUNDAI	DELTA 2.7L	6	86.70	117	59
51125	HYUNDAI	Y2	4	80.60	111	35
51127	HYUNDAI	2.0L	4	82.00	114	48
51128	HYUNDAI	ATTITUDE	4	75.50	107	19
51129	HYUNDAI	X3-II	4	71.50	105	9
51130	HYUNDAI	G4JP	4	85.00	115	52
51131	HYUNDAI	G4GF	4	82.00	115	49
51132	HYUNDAI	SONATA 3.8L	6	96.00	121	74
51133	HYUNDAI	SONATA 3.3L	6	92.00	119	65
51134	HYUNDAI	ACCENT 1.5L	4	75.50	107	20
51135	HYUNDAI	SONATA 2.4L	4	88.00	118	61
51136	HYUNDAI	AVANTE 1.6L	4	77.00	109	26
51137	HYUNDAI	15D	4	79.70	111	34
51138	HYUNDAI	SANTA FE	6	86.70	117	60
51139	HYUNDAI	G6DB	6	92.00	119	66
51140	HYUNDAI	KAPPA2	4	71.00	104	5
51141	HYUNDAI	SANTRO XING 1.0	4	66.00	103	3
51142AG-3	HYUNDAI	i20 MAGNA CRDi ALFIN GALLERY	3	75.00	122	77
51142AG	HYUNDAI	i20 MAGNA CRDI ALFIN GALLERY	4	75.00	122	80
51144	HYUNDAI	G4KD	4	86.00	116	53
51145	HYUNDAI	G4FC-II	4	77.00	109	27
51146	HYUNDAI	ELANTRA	4	81.00	111	36
51147	HYUNDAI	G6DB-II	6	92.00	119	67
51148	HYUNDAI	NU 2.0L	4	81.00	112	37
51149	HYUNDAI	G4FA	4	77.00	109	28
51150AG-3	HYUNDAI	D4FA ALFIN GALLERY	3	75.00	122	78
51150AG	HYUNDAI	D4FA ALFIN GALLERY	4	75.00	106	15
51151	HYUNDAI	G4GC	4	82.00	115	50
51152	HYUNDAI	SANTRO XING ERLX 1.1 L	4	67.00	103	4
51153	HYUNDAI	ACCENT 1.4	4	72.00	105	11
51154AG	HYUNDAI	D4FB ALFIN GALLERY	4	77.20	123	81
51155	HYUNDAI	G4FJ	4	77.00	110	29
51156	HYUNDAI	KAPPA 1.25 MPI	4	71.00	104	6
51157	HYUNDAI	G4LA-II	4	71.00	104	7
51158AG	HYUNDAI	i10 GRAND ALFIN GALLERY	3	75.00	122	79
51159	HYUNDAI	G4FA-II	4	77.00	110	30
51160	HYUNDAI	G4NC	4	81.00	112	38
51161	HYUNDAI	G4KC	4	88.00	118	62
51162G	HYUNDAI	G4LE GALLERY	4	72.00	105	12
51163AG	HYUNDAI	D4HA ALFIN GALLERY	4	84.00	123	84
51164	HYUNDAI	G4KJ 2.4 GDI	4	88.00	118	63
51165A	HYUNDAI	G4KH ALFIN	4	86.00	116	54
51166	HYUNDAI	G4LC	4	72.00	106	13
51167A	HYUNDAI	1.6L GDI ALFIN	4	77.00	110	31
51168	HYUNDAI	G6DB-III	6	92.00	119	68
51169	HYUNDAI	G6DA-II	6	96.00	121	75
51170	HYUNDAI	G6DG	6	92.00	120	69

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
51171	HYUNDAI	G6DH	6	92.00	120	70
51172	HYUNDAI	G6DJ	6	96.00	121	76
51173	HYUNDAI	G6DG-II	6	92.00	120	71
51174A	HYUNDAI	G4KH-II ALFIN	4	86.00	116	55
51175	HYUNDAI	G4NA	4	81.00	112	39
51176	HYUNDAI	G4FC-III	4	77.00	110	32
51177	HYUNDAI	G6DC 3.5 MPI	4	92.00	120	72
51178	HYUNDAI	G4NH	4	81.00	112	40
51179AG	HYUNDAI	D4CC ALFIN GALLERY	4	95.00	125	92
51180A	HYUNDAI	G4FP ALFIN	4	75.50	108	22
51181	HYUNDAI	G4NG	4	81.00	113	41
51182	HYUNDAI	G4FL	4	75.60	108	23
51183	HYUNDAI	G4NR	4	81.00	113	42
51184	HYUNDAI	G4LC-II	4	72.00	106	14
51185	HYUNDAI	G4NL	4	81.00	113	43
51600	HYUNDAI	X3, G4EH	4	71.50	105	10
51602AG	HYUNDAI	D4DA ALFIN GALLERY	4	104.00	127	97
51603AG	HYUNDAI	D4CB CRDI ALFIN GALLERY	4	91.00	124	86
51604A	HYUNDAI	D3EA ALFIN	3	83.00	123	82
51604A-4	HYUNDAI	D4EA ALFIN	4	83.00	123	83
51605AG	HYUNDAI	D4EB-F/D4EB-G ALFIN GALLERY	4	87.00	124	85
51606AG	HYUNDAI	D4BH ALFIN GALLERY	4	91.10	125	91
51607A	HYUNDAI	D4AF-III ALFIN	4	104.00	127	98
51608AG	HYUNDAI	D4CB TCi ALFIN GALLERY	4	91.00	124	87
51610AG	HYUNDAI	J3TCi ALFIN GALLERY	4	97.10	126	93
51611AG	HYUNDAI	J3TCi-II ALFIN GALLERY	4	97.10	126	94
51612	HYUNDAI	G4LA	4	71.00	104	8
51613	HYUNDAI	G4KE / G4KG	4	88.00	118	64
51615	HYUNDAI	G4DJ	4	75.50	108	21
51619AG	HYUNDAI	D4CB TCi II ALFIN GALLERY	4	91.00	124	88
51621	HYUNDAI	G4KA	4	86.00	116	56
52101	KIA	FE	4	86.00	164	13
52102	KIA	DC	4	75.50	162	5
52103	KIA	B6D	4	78.00	162	7
52105	KIA	CARNIVAL	6	80.00	163	10
52106	KIA	PICANTO	4	67.00	161	1
52107AG	KIA	CARNIVAL-II ALFIN GALLERY	4	97.10	165	15
52108	KIA	CREDOS	4	81.00	163	11
52110	KIA	B1	4	68.00	161	2
52111	KIA	RIO 1.6L	4	78.00	162	8
52112	KIA	SPECTRA	4	81.00	163	12
52113	KIA	SEPHIA-II	4	78.00	163	9
52114	KIA	ION	3	71.00	161	3
52114-4	KIA	ION	4	71.00	161	4
52650AG	KIA	RFA ALFIN GALLERY	4	93.00	165	14
52651AG	KIA	JT 3.0 ALFIN GALLERY	4	98.00	165	16
52652A	KIA	JD K3500 ALFIN	4	100.00	165	17

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
52653G	KIA	SH K3600 GALLERY	4	100.00	166	18
52654	KIA	A3E	4	75.50	162	6
52656G	KIA	SH K3600 NEW-II GALLERY	4	100.00	166	19
53101	ASIA	TOWNER	3	70.00	3	1
54101	BMW	M 20 B 20 L	6	80.00	6	1
54102	BMW	M 20 B 25 M1 Z7 KAT	6	84.00	6	2
55101	SUBARU	EJ22, EJ22E	4	96.90	323	12
55102	SUBARU	EJ20-T	4	92.00	322	7
55103	SUBARU	EJ25	4	99.50	324	13
55104	SUBARU	EJ25-II	4	99.50	324	14
55105	SUBARU	EJ255-T	4	99.50	324	15
55106	SUBARU	EZ30D	6	89.20	322	5
55107	SUBARU	EZ30D-II	6	89.20	322	6
55108	SUBARU	EJ255-II	4	99.50	324	16
55109	SUBARU	EJ255-III	4	99.50	325	17
55110	SUBARU	FB20	4	84.00	321	3
55111	SUBARU	FB20-II	4	84.00	321	4
55650	SUBARU	EF10	3	78.00	321	1
55651	SUBARU	EA71	4	92.00	322	8
55652	SUBARU	EF12	3	78.00	321	2
55653	SUBARU	EA82	4	92.00	323	9
55654	SUBARU	EJ20	4	92.00	323	10
55655	SUBARU	EJ20-T-II	4	92.00	323	11
55656	SUBARU	EJ25-III	4	99.50	325	18
56101	OPEL	1300S, 13S	4	75.00	303	2
56102	OPEL	1.6 SE	4	79.00	304	6
56103	OPEL	1.6 SV, 16 SV KAT	4	79.00	304	7
56104	OPEL	1800	4	84.80	305	11
56105	OPEL	20E CIH, 20S	4	95.00	307	18
56105-6	OPEL	3.0 E/NE	6	95.00	307	19
56106	OPEL	1.3 NE	4	75.00	303	3
56107	OPEL	C20XE4V KAT	4	86.00	305	12
56108	OPEL	2.0 X	4	86.00	306	13
56109	OPEL	1.6 LZ	4	79.00	304	8
56110	OPEL	Z 1.4 XE	4	77.60	303	4
56111	OPEL	Z 22 SE	4	86.00	306	14
56112	OPEL	C20NE KAT	4	86.00	306	15
56113	OPEL	X18XE	4	80.50	305	10
56600	OPEL	14 NV, 14 NVH	4	77.60	304	5
56601	OPEL	20 SE, X20 SE KAT	4	86.00	306	16
56603	OPEL	X 1.6 XE / XEL	4	79.00	305	9
56604	OPEL	C 2.0 XEV	4	86.00	307	17
56605A	OPEL	Y 13 DT/Z 13 DT ALFIN	4	69.60	308	20
56606A	OPEL	Y 17 DT/DTL ALFIN	4	79.00	308	21

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
56607	OPEL	X 1.2 SZ	4	72.00	303	1
57101	ACURA	C35A1	6	90.00	1	1
57102	ACURA	J37A	6	90.00	1	2
58101	GENERAL MOTORS	MOT.146	4	90.00	64	24
58102	GENERAL MOTORS	L61	4	86.00	62	14
58103	GENERAL MOTORS	ASTRA	4	87.50	63	20
58104	GENERAL MOTORS	CORSA MPFI	4	71.10	59	20
58105	GENERAL MOTORS	CORSA EFI	4	71.10	59	3
58106	GENERAL MOTORS	HCV	4	71.10	59	4
58107	GENERAL MOTORS	HCV FLEX	4	71.10	60	5
58108	GENERAL MOTORS	191	6	89.00	64	22
58109	GENERAL MOTORS	213/LX9	6	94.00	65	27
58110	GENERAL MOTORS	B207R	4	86.00	62	15
58111	GENERAL MOTORS	LLV	4	95.50	66	29
58111-5	GENERAL MOTORS	LLR	5	95.50	66	30
58112	GENERAL MOTORS	5.7L (350)	8	101.60	67	35
58117	GENERAL MOTORS	AVEO	4	76.50	61	9
58118AG	GENERAL MOTORS	CAPTIVA ALFIN GALLERY	4	83.00	69	38
58119	GENERAL MOTORS	1.8L	4	80.50	61	12
58120	GENERAL MOTORS	2.2L	4	89.00	64	21
58121	GENERAL MOTORS	4.3L	6	101.60	67	34
58122	GENERAL MOTORS	ECOTEC	4	86.00	62	16
58123	GENERAL MOTORS	5.3L	8	96.00	66	31
58124	GENERAL MOTORS	VENTURE 3.4	6	92.00	65	25
58125	GENERAL MOTORS	3.1L	6	89.00	64	23
58126	GENERAL MOTORS	LY7	6	94.00	65	28
58127A	GENERAL MOTORS	LYX 1.5L TURBO ALFIN	4	74.00	60	7
58128AG	GENERAL MOTORS	LWN 2.8L VGT ALFIN GALLERY	4	94.00	69	39
58129	GENERAL MOTORS	3.9L	6	99.00	67	33
58130	GENERAL MOTORS	CRUZE	4	79.00	61	11
58131	GENERAL MOTORS	2.0L	4	86.00	63	17
58132	GENERAL MOTORS	4.2L	6	93.00	65	26
58133	GENERAL MOTORS	1.4L TURBO	4	72.50	60	6
58134	GENERAL MOTORS	4.8L-II	8	96.01	66	32
58135	GENERAL MOTORS	ESCALADE	8	103.25	68	37
58136	GENERAL MOTORS	N18XFH	4	80.50	62	13
58138	GENERAL MOTORS	VORTEC VIN 6	8	101.60	67	36
58139	GENERAL MOTORS	1.2L	4	69.70	59	1
58142G	GENERAL MOTORS	LTG-II GALLERY	4	86.00	63	18
58143	GENERAL MOTORS	L3A	4	74.00	62	18
58144A	GENERAL MOTORS	L3T ALFIN	3	79.00	61	10
58145A	GENERAL MOTORS	LGW / LGY ALFIN	4	86.00	199	1
59101	LADA	2101	4	76.00	169	1
59103	LADA	21011	4	79.00	169	2

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
59105	LADA	21083	4	82.00	169	4
59106	LADA	2110	4	82.00	170	5
59107	LADA	VAZ 2112	4	82.00	170	6
59108	LADA	21213	4	82.00	170	7
59109	LADA	VAZ 2105	4	79.00	169	3
59110	LADA	VAZ 21179	4	82.00	170	8
59111	LADA	VAZ 21124	4	82.00	171	9
59112	LADA	VAZ 21126	4	82.00	171	10
59113	LADA	GRANTA-II	4	82.00	171	11
60102	VOLGA	GAZ 4062.10	4	92.00	413	1
60103	VOLGA	405	4	95.55	413	2
60104	VOLGA	GAZ 421	4	100.00	413	3
61601	AUDI	AAR / NF / NG	5	82.50	4	1
62101A-2	TATA	ACE ALFIN	2	75.00	343	2
62101A	TATA	INDICA ALFIN	4	75.00	343	4
62102A	TATA	407 TURBO ALFIN	4	97.00	344	8
62103A	TATA	207 ALFIN	4	83.00	344	7
62104A	TATA	ACE-II ALFIN	2	75.00	343	3
62104A-4	TATA	INDICA-II ALFIN	4	75.00	343	5
62105AG	TATA	1.4 DICOR ALFIN GALLERY	4	75.00	344	6
62106	TATA	ACE CNG	2	75.00	342	1
63101A	ASHOK LEYLAND	6ETI ALFIN	6	104.00	2	1
63102A	ASHOK LEYLAND	6DTI ALFIN	6	104.00	2	2
64101A-1	KOMATSU	S6D95 ALFIN	1	95.00	167	1
64101A	KOMATSU	S6D95 ALFIN	6	95.00	167	3
64102A-1	KOMATSU	S6D102 ALFIN	1	102.00	167	4
64102A	KOMATSU	S6D102 ALFIN	6	102.00	168	5
64601A	KOMATSU	4D95 ALFIN	4	95.00	167	2
64602A	KOMATSU	4D105 ALFIN	4	105.00	168	6
65001A	EICHER	4D31 ALFIN	4	100.00	34	1
65002A	EICHER	483 TC ALFIN	4	100.00	34	2
66101A	MAHINDRA	SCORPIO CRD ALFIN	4	94.00	176	5
66103A	MAHINDRA	MDI 3200 ALFIN	4	88.90	175	3
66104	MAHINDRA	XD3P	4	94.00	175	4
66105A	MAHINDRA	MAXIMO ALFIN	2	83.00	175	1
66106A	MAHINDRA	SCORPIO M HAWK ALFIN	4	85.00	175	2
67101	PEUGEOT	TU3 JP	4	75.00	312	1
67102	PEUGEOT	XU5 JP	4	83.00	313	6
67103	PEUGEOT	XN1/XN1A/XN1T	4	88.00	313	8
67104	PEUGEOT	1.6L	4	78.50	312	4

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
67106	PEUGEOT	TU5JP4	4	78.50	313	5
67107	PEUGEOT	EW10A	4	85.00	313	7
67108	PEUGEOT	EP6C	4	77.00	312	2
67110	PEUGEOT	EP6	4	77.00	312	3
67600	PEUGEOT	DW8	4	82.20	314	10
67601AG	PEUGEOT	9HD / 9HF / 9HJ ALFIN GALLERY	4	75.00	314	9
68101A	TEMPO	TRAVELLER ALFIN	4	90.90	345	1
69101AG	SSANGYONG	ACTYON 2.0L ALFIN GALLERY	4	86.20	320	1
70101	RENAULT	2.0 L	4	82.70	316	8
70102	RENAULT	2.0 L-II	4	82.70	317	9
70103A	RENAULT	K9K ALFIN	4	76.00	318	11
70104	RENAULT	D4F	4	69.00	315	1
70105	RENAULT	D7F	4	69.00	315	2
70106	RENAULT	2.0L-III	4	82.70	317	10
70108	RENAULT	K4J	4	79.50	315	4
70109	RENAULT	K7M-III	4	79.50	316	5
70110	RENAULT	B4D	3	71.00	315	3
70111AG	RENAULT	M9T ALFIN GALLERY	4	85.00	318	12
70600	RENAULT	K4M	4	79.50	316	6
70601	RENAULT	K7J 710	4	79.50	316	7
72101	GEELY	EMGRAND	4	77.80	58	1
87001	MG	LYX	4	74.00	251	1
87002	MG	15S4C	4	75.00	251	2
88001A	SKODA	1Y /AEY ALFIN	4	79.50	319	1
G0101	KUBOTA	KND 3B	1	68.00	431	1
G0102	KUBOTA	KND 5B	1	80.00	434	15
G0103	KUBOTA	KND 70A	1	78.00	433	11
G0104	KUBOTA	KND 80	1	84.00	437	27
G0105	KUBOTA	KND 90/120	1	95.00	442	48
G0106	KUBOTA	KND 85	1	84.00	437	28
G0107	KUBOTA	KND 105	1	92.00	441	44
G0108	KUBOTA	KND 110	1	92.00	442	45
G0109	KUBOTA	KND 180	1	110.00	443	49
G0110	KUBOTA	KND 190	1	110.00	443	50
G0111	KUBOTA	RD 65	1	80.00	434	16
G0112	KUBOTA	JD75	1	78.00	433	12
G0113	KUBOTA	GA80	1	82.00	435	18
G0114	KUBOTA	GA 90	1	90.00	441	43
G0115	KUBOTA	KND 220	1	116.00	443	51
G0116	KUBOTA	KND40	1	75.00	431	2
G0117	KUBOTA	KND 250	1	118.00	443	52

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
G0118	KUBOTA	RD 85	1	86.00	439	33
G0119	KUBOTA	KND 95Di	1	86.00	439	34
G0120	KUBOTA	GA70	1	75.00	431	3
G0121	KUBOTA	RD 75	1	82.00	135	19
G0122	KUBOTA	RD 105	1	92.00	442	46
G0123	KUBOTA	RD 55	1	76.00	431	4
G0124	KUBOTA	RD 85S	1	88.00	441	42
G0125A-1	KUBOTA	V2203DI ALFIN	1	87.00	439	35
G0125	KUBOTA	V2203DI	4	87.00	440	38
G0126-1	KUBOTA	V1702DI	1	82.00	435	20
G0126	KUBOTA	V1702DI	4	82.00	436	22
G0127-1	KUBOTA	V1512DI	1	76.00	432	5
G0127	KUBOTA	V1512DI	4	76.00	432	8
G0128A-1	KUBOTA	V2203 ALFIN	1	87.00	439	36
G0128	KUBOTA	V2203	4	87.00	440	39
G0129-1	KUBOTA	V1702	1	82.00	436	21
G0129	KUBOTA	V1702	4	82.00	436	23
G0130A-1	KUBOTA	1512 TCVS ALFIN	1	76.00	432	6
G0130A	KUBOTA	1512 TCVS ALFIN	4	76.00	433	9
G0131-1	KUBOTA	V1502	1	76.00	432	7
G0131	KUBOTA	V1502	4	76.00	433	10
G0132-1	KUBOTA	1902DI	1	85.00	438	29
G0132	KUBOTA	1902DI	4	85.00	438	30
G0133A	KUBOTA	83MM ALFIN	1	83.00	436	24
G0134	KUBOTA	RD 65 DIS	1	80.00	435	17
G0135-1	KUBOTA	4D78	1	78.00	434	13
G0135	KUBOTA	4D78	4	78.00	434	14
G0136-1	KUBOTA	4D85	1	85.00	438	31
G0136	KUBOTA	4D85	4	85.00	438	32
G0137	KUBOTA	RD 115	1	94.00	442	47
G0600A-1	KUBOTA	D1503 ALFIN	1	83.00	437	25
G0600A	KUBOTA	D1503 ALFIN	3	83.00	437	26
G0601A-1	KUBOTA	V2403T ALFIN	1	87.00	440	37
G0601A	KUBOTA	V2403T ALFIN	4	87.00	440	40
G0602	KUBOTA	V2403	4	87.00	441	41
G1101	YANMAR	TS 50	1	70.00	446	1
G1102	YANMAR	TS 60	1	75.00	446	3
G1103	YANMAR	TS 70	1	80.00	448	9
G1104	YANMAR	TS 105	1	85.00	449	14
G1105	YANMAR	TS 130	1	92.00	450	20
G1106	YANMAR	TS 155	1	95.00	451	22
G1107	YANMAR	TS 180	1	102.00	452	26
G1108	YANMAR	TS 190	1	109.90	453	22
G1109	YANMAR	TS 230	1	112.00	453	30
G1110A	YANMAR	2T ALFIN	1	95.00	451	23
G1111	YANMAR	TF 65	1	78.00	447	6

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
G1112	YANMAR	TF 75	1	80.00	448	10
G1113	YANMAR	TF 85	1	85.00	449	15
G1114	YANMAR	TF 105	1	88.00	450	19
G1115	YANMAR	TF 85-II	1	85.00	449	16
G1116	YANMAR	TF 155	1	102.00	452	27
G1117A	YANMAR	TF 300 ALFIN	1	125.00	453	31
G1118	YANMAR	TF 55	1	75.00	446	4
G1119A	YANMAR	3T ALFIN	1	95.00	451	24
G1120	YANMAR	TF 65-II	1	78.00	447	7
G1121-1	YANMAR	4D84	1	84.00	448	11
G1121	YANMAR	4D84	4	84.00	448	12
G1122	YANMAR	TF 140	1	96.00	452	25
G1123	YANMAR	3D84-II	4	84.00	449	13
G1601	YANMAR	TS 105-II	1	85.00	450	17
G1602	YANMAR	TS 180-II	1	102.00	452	28
G1603	YANMAR	TS 50-II	1	70.00	446	2
G1604	YANMAR	TS 60-II	1	75.00	447	5
G1605	YANMAR	TS 70-II	1	79.90	447	8
G1606	YANMAR	TF 120	1	92.00	451	21
G1607	YANMAR	4TNE86	4	86.00	450	18
G2101	MITSUBISHI	MN55	1	68.00	444	2
G2102	MITSUBISHI	MN 240	1	113.00	445	6
G2103	MITSUBISHI	MN 110	1	88.00	445	3
G2104	MITSUBISHI	NM75	1	78.00	444	3
G2105	MITSUBISHI	NM45	1	65.00	444	1
G2106	MITSUBISHI	NM90	1	80.00	444	4
G3101	DONG FENG	95MM 5R	1	95.00	467	8
G3104	DONG FENG	1100 MM	1	100.00	468	10
G3105	DONG FENG	95MM 4R	1	95.00	468	9
G3106	DONG FENG	1110 MM	1	109.90	468	11
G4101	HONDA	G-200	1	67.00	466	3
G4102	HONDA	GX 390	1	88.00	467	6
G4103	HONDA	GX 160	1	68.00	467	5
G4104	HONDA	GX 420	1	90.00	467	7
G5101	ROBIN	EY-15	1	63.00	466	2
G5102	ROBIN	EY-20	1	67.00	466	4
G6101	STIHL	58 MM 2R	1	58.00	466	1
G8101	PERKINS	6.354	6	98.43	310	5
G8102A	PERKINS	68322 (NEW) ALFIN	4	91.48	309	2
G8103	PERKINS	4.248	4	101.05	311	9
G8104	PERKINS	4.236, A 4.236	4	98.48	310	7
G8105A	PERKINS	MOT 6.354-II ALFIN	6	98.43	310	6

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
G8106A	PERKINS	MF-5F ALFIN	4	91.48	309	4
G8107A	PERKINS	26.63 ALFIN	4	98.48	310	8
G9102	CUM	MC1	1	92.08	429	8
G9106	BEN	MC2	2	66.68	428	2
G9107	MID	MC3	2	69.85	428	3
G9108	CUM	MC4	1	98.35	430	9
G9109	BENDIX	MC5	2	70.50	428	4
G9110	BENDIX	MC6	2	70.50	429	5
G9111	CLAYTON	DEWANDRE	1	66.68	428	1
G9112	MITSUBISHI	6D16	1	80.00	429	6
G9113	MITSUBISHI	6D16T	1	80.00	429	7
M1101	YAMAHA	MARINE ENGINE	1	78.00	463	2
M1102P	YAMAHA	115/225 HP	4	90.00	463	3
M1102P-6	YAMAHA	115/225 HP	6	90.00	464	6
M1103P	YAMAHA	115/225 HP-II	4	90.00	463	4
M1103P-6	YAMAHA	115/225 HP-II	6	90.00	464	7
M1104P	YAMAHA	SPECIAL J	4	90.00	464	5
M1104P-6	YAMAHA	SPECIAL J	6	90.00	464	8
M1105P	YAMAHA	225/250 HP	6	90.00	465	9
M1106	YAMAHA	WAVE RUNNER VX 110	4	76.00	463	1
M2101	MERCURY	LOW DOME 2.8750"	3	73.03	458	3
M2101-6	MERCURY	LOW DOME 2.8750"	6	73.03	460	9
M2102	MERCURY	LOW DOME 2.8750"-II	3	73.03	458	4
M2102-6	MERCURY	LOW DOME 2.8750"-II	6	73.03	460	10
M2103	MERCURY	HIGH DOME 2.8750"	2	73.03	458	1
M2103-3	MERCURY	HIGH DOME 2.8750"	3	73.03	459	5
M2103-4	MERCURY	HIGH DOME 2.8750"	4	73.03	459	7
M2103-6	MERCURY	HIGH DOME 2.8750"	6	73.03	460	11
M2104	MERCURY	HIGH DOME 2.8750" -II	2	73.03	458	2
M2104-3	MERCURY	HIGH DOME 2.8750" -II	3	73.03	459	6
M2104-4	MERCURY	HIGH DOME 2.8750" -II	4	73.03	459	8
M2104-6	MERCURY	HIGH DOME 2.8750" -II	6	73.03	460	12
M2105P	MERCURY	LOOPER 3.1250"	6	79.38	461	13
M2106P	MERCURY	LOOPER 3.3750"	6	85.73	461	14
M2107P	MERCURY	OPTIMAX 2.5L	6	88.90	462	17
M2108P	MERCURY	2.5L	6	88.90	462	18
M2109	MERCURY	3.5"	3	88.90	461	15
M2109-4	MERCURY	3.5"	4	88.90	461	16
M3101	JOHNSON	CROSS FLOW 2.1880"	2	55.58	454	1
M3102	JOHNSON	LOOPER 3.0000"	3	76.20	454	3
M3103	JOHNSON	CROSS FLOW 3.0000"	2	76.20	454	2
M3104	JOHNSON	LOOPER	3	80.96	455	5
M3105	JOHNSON	LOOPER 3.1875"	2	80.96	454	4
M3106P	JOHNSON	LOOPER 3.5000"	4	88.90	455	6
M3106P-6	JOHNSON	LOOPER 3.5000"	6	88.90	455	8

PISTON LIST

TEIKIN NO.	ENGINE MODEL		CYL	BORE Ø (MM)	PAGE	BOX NO.
M3106P-8	JOHNSON	LOOPER 3.5000"	8	88.90	456	10
M3107	JOHNSON	CROSS FLOW 3.5000"	4	88.90	455	7
M3107-6	JOHNSON	CROSS FLOW 3.5000"	6	88.90	456	9
M3108P	JOHNSON	3.600"	4	91.44	456	11
M3108P-6	JOHNSON	3.600"	6	91.44	456	12
M3109	JOHNSON	CROSS FLOW 3.6250"	6	92.07	457	13
M3110P	JOHNSON	3.685"	4	93.60	457	14
M3110P-6	JOHNSON	3.685"	6	93.60	457	15
M3110P-8	JOHNSON	3.685"	8	93.60	457	16

PISTON PINS LIST

CATALOG VOL . 26

PISTON PIN LIST

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
11.11 x 57.00	P G9111	G9111	CLA DEWANDRE
13.49 x 59.48	P G9106	G9106	BEN MC2
13.49 x 62.99	P G9109	G9109 G9110	BEN MC5 BEN MC6
14.00 x 52.00	P G5101	G5101 G5102	ROB EY-15 ROB EY-20
14.26 x 46.00	P M3101	M3101	JOH CROSS FLOW 2.1880"
14.27 x 60.73	P G9107	G9107	MID MC3
15.00 x 42.00	P G6101	G6101	STIHL 58 MM 2R
15.00 x 53.50	P G4101	G4101	HON G-200
16.00 x 46.00	P 43680	43680	MIT 4A31
16.00 x 48.00	P 45154	45154	SUZ ALTO 800 CC LXI
16.00 x 49.00	P 45114	45114-3 45114 45138 45146-3 45146 45652	SUZ F5A SUZ F8A, LJ80 SUZ F6A SUZ ALTO LXI SUZ WAGON R SUZ F8A
16.00 x 52.50	P 45113	45117 49104	SUZ F10A, SJ410 DAE F8C
16.00 x 53.50	P 45122	45122	SUZ SS80
16.00 x 71.00	P G9112	G9112 G9113	MIT 6D16 MIT 6D16T
17.00 x 40.00	P 46426	46426	TOY WA-VE
17.00 x 45.00	P 48210	48210 48211 48212 48213 48214 51141	VW EA111 RSH VW EA111 VW EA111 ALCOOL VW EA111-II VW EA111 RSH-II HYU SANTRO XING 1.0
17.00 x 46.50	P 51117	51117 51118 51152 52106	HYU ATOZ HYU ATOZ-II HYU SANTRO XING ERLX 1.1 L KIA PICANTO
17.00 x 50.00	P 45141	45141	SUZ K12A
17.00 x 51.50	P M1106	M1106	YAM WAVE RUNNER VX 110
17.00 x 52.00	P 48209	30129 48209 48607	CHE SPARK 1.0 VW LUPO VW AEA / AEE / AHS / ALM
17.00 x 53.00	P 49106	30109 32106 49106	CHE SPARK GT 1.2 DAI S-38P (NEW) DAE MATIZ II
17.00 x 54.00	P 48608	48608	VW AFH / AFK / AHW
17.00 x 58.00	P 44600	44600 44650 44704	NIS MA10 NIS MA10-II NIS MA12S
17.00 x 60.00	P 45166	45166	SUZ G10B
17.00 x 62.00	P 38109	38109	HON EN

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
		38112 38147 38166 38650 38670	HON ED1 HON EJ HON EF1 HON EM1 HON EB5
17.00 x 65.00	P 45125	45125 45125-4 45126 45126-4 45128 45650	SUZ G10 NEW SUZ G13 NEW SUZ G10 SUZ G13 SUZ G13B SUZ G13-II
17.45 x 62.00	P 44122	44122	NIS E10S
17.45 x 65.50	P 44256	44102 44256	NIS A12 NIS A10
17.47 x 69.85	P G9102	G9102 G9108	CUM MC1 CUM MC4
17.50 x 54.00	P 70104	70104 70105	REN D4F REN D7F
17.95 x 45.00	P 87002	87002	MOR 15S4C
17.97 x 43.00	P 38211	38211	HON L15B
17.97 x 49.00	P 34125	34125 34126 34127 34128 34133	FIA FIRE 1.3L 8V FIA FIRE 1.3L 16V FIA FIRE FLEX 1.3L 8V FIA FIRE FLEX 1.4L 8V FIA 1.4L 8V EVO LF
17.97 x 53.00	P 34122	34122 34123 34124 34139	FIA FIRE 16V FIA FIRE 8V FIA FIRE FLEX 8V FIA DOBLO 1.4L
17.98 x 52.40	P 34119	34119 34121	FIA 160 A3 FIA UNO 1100
17.98 x 55.00	P 67101	67101	PEU TU3 JP
18.00 x 36.00	P 32156	32156	DAI KF
18.00 x 39.00	P 32154	32154 32155	DAI KF-DET DAI KF-VE-II
18.00 x 43.00	P 42224	30123 42224 67108	CHE SAIL 1.5L MAZ SKYACTIV-G 1.5L PEU EP6C
18.00 x 18.00	P 33102	30131 33102 33106 33108 58143	CHE SPARK 1.4L CRY SQRE4T15 CRY SQR473H CRY SQRE4G16 GM L3A
18.00 x 46.50	P 45148	45148 45160 45161 45164 46422	SUZ K14B SUZ K12M SUZ K14B-II SUZ K10B-III TOY 2SZ-FE-II
18.00 x 47.50	P 30110	30110 30114 30116 30128 30134 30135	CHE SAIL 1.4 L CHE SPIN 1.5 CHE SPARK 1.25 L CHE NEW OPTRA CHE ONIX 1.4L CHE OPTRA 1.5L

PISTON PIN LIST

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
		32153	DAI 1KR-DE
		45156	SUZ K15B
		45158	SUZ K15B-C
		45162	SUZ K12B
		45163	SUZ K12B-II
		45165	SUZ K12M-II
		45167	SUZ K15B-II
		45168	SUZ K15C
		45169	SUZ K15B-III
		45170	SUZ K14C
		46341	TOY 1SZFE
		46385	TOY 1SZFE-II
		46412	TOY 1KR-FE-II
		46677	TOY 1KR-FE
		46683	TOY 2SZ-FE
		51115	HYU 1.6L
		51116	HYU G4FK
		51119	HYU G4EB
		51128	HYU ATTITUDE
		51134	HYU ACCENT 1.5L
		51140	HYU KAPPA2
		51153	HYU ACCENT 1.4
		51156	HYU KAPPA 1.25 MPI
		51157	HYU G4LA-II
		51166	HYU G4LC
		51184	HYU G4LC-II
		51612	HYU G4LA
		52114	KIA ION
		52114-4	KIA ION
		56106	OPE 1.3 NE
		58133	GM 1.4L TURBO
		70110	REN B4D
18.00 x 48.00	P 44705	44705	NIS CR12DE
18.00 x 50.00	P 45136	32150	DAI EF
		35197	FOR 1.6 NF-II
		43296	MIT 3A92
		43296-4	MIT 4A92
		43303	MIT 4A91 MIVEC
		45136	SUZ ALTO
		45145	SUZ K10B
		45151	SUZ K6A
		51162G	HYU G4LE GALLERY
		56607	OPE X 1.2 SZ
		58104	GM CORSA MPFI
		58105	GM CORSA EFI
		58106	GM HCV
18.00 x 53.00	P 46332	30121	CHE A14XER
		32144	DAI K3-DE
		32146	DAI KANCIL 850 CC NEW
		32147	DAI KELISA 1000 CC
		32151	DAI EJ-VE-II
		32152	DAI 3NR-VE
		32605	DAI EJ-DE / EJ-VE
		33103	CRY SQR472
		33105	CRY SQR372
		34138	FIA UNO-II
		38182	HON L15A
		38183	HON JAZZ RS
		38201	HON L13A
		38203	HON L15A2
		44326	NIS CG13DE
		44327	NIS CG10DE
		46332	TOY 1NZFE
		46354	TOY 2NZ-FE
		46355	TOY 2NZ-FE-II
		46356	TOY 3SZ-VE
		46361	TOY K3-VE
		46364	TOY 1NZFE-II
		46370	TOY 1NZ-FXE

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
		46371	TOY 1NZFE-III
		46387	TOY 3NR-FE
		46390	TOY 1NR-VE
		46391	TOY 2NR-VE
		46394	TOY 2NR-FE
		46406	TOY 2NR-FE-II
		46416	TOY 2NZ-FE-III
		46424	TOY 1NZ-FXE-II
		46661	TOY 1E
		46702	TOY 1NR-FE
		51136	HYU AVANTE 1.6L
		51145	HYU G4FC-II
		51149	HYU G4FA
		51155	HYU G4FJ
		51159	HYU G4FA-II
		51176	HYU G4FC-III
		52105	KIA CARNIVAL
		56600	OPE 14 NV
		58117	GM AVEO
		59112	LAD VAZ 21126
		59113	LAD GRANTA-II
18.00 x 54.00	P 58107	32606	DAI K3-VE-II
		32607	DAI K3-VE-III
		35196	FOR 1.6 NF
		35211	FOR FIESTA 1.6L DURATEC Ti-VCT
		38657	HON L13A4
		49107	DAE NUBIRA-IV
		58107	GM HCV FLEX
		G4103	HON GX 160
18.00 x 56.00	P 30104	30104	CHE AVEO
		30105	CHE AVEO-II
		30107	CHE AVEO-III
		30115	CHE ONIX 1.4L NF 8V
		43216	MIT 4G17
		43217	MIT 4G15
		43248	MIT 4G15-II
		43281	MIT 4G18
		43282	MIT 4G13-IV
		43600	MIT 4G13
		49101	DAE LE MANS 1.5
		49102	DAE NUBIRA
		49103	DAE CIELO 1.5
		49105	DAE NUBIRA-II
		56102	OPE 1.6 SE
		56103	OPE 1.6 SV
		56109	OPE 1.6 LZ
		56110	OPE Z 1.4 XE
		56113	OPE X18XE
		56603	OPE X1.6 XE / XEL
		58119	GM 1.8L
		58136	GM N18XFH
		62106	TAT ACE CNG
18.00 x 58.00	P 44687	43302	MIT 4G18-II
		44687	NIS CG13DE-II
		46603	TOY 2K
18.00 x 59.00	P 46141	42679	MAZ ZJ
		43257	MIT 4G13-II
		43652	MIT 4G13-III
		46141	TOY 2E
		46258	TOY 5E-FE
		46274	TOY 3E
		46345	TOY 2E-II
		46346	TOY 4E-FE-II
		53101	ASI TOWNER
18.00 x 60.00	P 32601	43607	MIT 4G12
		43616	MIT 4G11

PISTON PIN LIST

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
18.00 x 61.00	P 43187	32110	DAI S-10P
		32117	DAI G11
		32124	DAI S75
		32601	DAI CD
		39659	ISU 4XC1-IV
		43176	MIT 2G23
		43187	MIT G15B
		43272	MIT G15B-II
		46103	TOY 3K
		46105	TOY 4K
		46107	TOY 5K
		46163	TOY 3AU
		46253	TOY 4AGEC
		46269	TOY 4AC
		46271	TOY 4AFE-III
		46290	TOY 5AF
		46335	TOY 5K-II
		46336	TOY 4A
		46349	TOY 4A-GEU-II
		46604	TOY 2A
		46610	TOY 1GE
		46618	TOY 4AGE
		46658	TOY 1A
		46670	TOY 1G-EU
		46687	TOY 2A-II
		55650	SUB EF10
		55652	SUB EF12
18.00 x 62.00	P 38652	38652	HON EP
18.00 x 62.70	P 39650	39650	ISU 4XC1-II
18.00 x 63.00	P 39210	39210	ISU 4XE1V
		39603	ISU 4XC1
18.00 x 65.00	P 39652	39652	ISU 4XC1-III
18.00 x 66.00	P 39209	39209	ISU 4XE1W
18.00 x 70.00	P 38114	38114	HON EK-1
		38179	HON EK-1-III
18.01 x 47.50	P 51600	51104	HYU G4EK - ALPHA - F1
		51121	HYU XD
		51129	HYU X3-II
		51600	HYU G4EH
18.01 x 50.00	P 43696	43696-3	MIT 3A91
		43696	MIT 4A91
18.03 x 60.00	P 35212	35212	FOR 1.6L
18.03 x 64.00	P 35600	35600	FOR JLB
18.98 x 58.00	P 42202	42202	MAZ FP
		42211	MAZ Z6
		42219	MAZ MZR 1.5L
18.98 x 59.00	P 42665	42665	MAZ KF
18.99 x 49.00	P 44691	44691	NIS QG15
18.99 x 52.00	P 44333	44333	NIS QG18DE-II
		44371	NIS QG16DE-II
		44682	NIS QG18DE
18.99 x 62.00	P 44653	44653	NIS RB20E
		70109	REN K7M-III
19.00 x 39.00	P 51182	51182	HYU G4FL
19.00 x 42.00	P 48215	48215	VW 2.0 L LATE
		48230	VW CBZB
19.00 x 44.00	P 48208	48208	VW BGP/BGQ
		51180A	HYU G4FP ALFIN
19.00 x 46.00	P 30136	30136	CHE ONIX 1.2L TURBO
19.00 x 47.00	P 44609	30119	CHE SONIC 1.6 L
		30133	CHE LL5 / LJO
		35199	FOR 1.4 DURATEC
		44609	NIS GA13
		46413	TOY M15A-FKS
		46415	TOY M20A-FKS
		46425	TOY M20A-FXS
		48231	VW CZDA
		58127A	GM LYX 1.5L TURBO ALFIN
		58144A	GM L3T ALFIN
		87001	MOR LYX
19.00 x 49.00	P 44677	44677	NIS QG15DE
19.00 x 50.00	P 48205	30112	CHE CRUZE 1.8L
		30120	CHE TRACKER 1.8 L
		44337	NIS GA15DS-II
		44610	NIS GA15DS
		44614	NIS GA14DS
		44669	NIS GA14
		48205	VW AEB-II
		58130	GM CRUZE
19.00 x 52.00	P 44258	44258	NIS GA16i
		44260	NIS GA16DE
		44270	NIS GA16DE-II
		44306	NIS GA16DS-II
		44688	NIS QG16
		44690	NIS QG16DE
		48221	VW 1.4 TURBO
		48228	VW CAXA
		48229	VW CZCA
		59110	LAD VAZ 21179
19.00 x 53.50	P 44339	44339	NIS HR15DE
		44345	NIS HR16DE
		44351	NIS HR12DE
		44365	NIS HR16DE-III
		44373	NIS HR12DE-II
		44374	NIS HR15DE-II
		44721	NIS HR16DE-IV
19.00 x 55.00	P 44695	38666	HON D13
		44695	NIS GA16DE-III
19.00 x 56.00	P 38145	34132	FIA 1.6L MOTOR E-TORQUE
		34134	FIA 1.8L 16V MOTOR E-TORQUE
		35200	FOR 1.6 DURATEC TI-VCT
		38145	HON D15B2
		38146	HON D16A6
		38149	HON D16Z6
		38153	HON D16Y8
		38159	HON D15Z1
		38169	HON D17A2
		38170	HON D17A1
		38173	HON D16A6-II
		38181	HON D16Y7
		38187	HON D15B-II
		38200	HON D17A
		38202	HON D16Y8-II
		38207	HON D16W7
		38600	HON EV
		38603	HON EW
		38605	HON EW-II
		38606	HON D16A

PISTON PIN LIST

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
		38656	HON D15
		38663	HON D15A3 EW4
		38665	HON D16A-II
		38667	HON D15-II
		44361	NIS HR16DE-II
19.00 x 58.00	P 32125	32125	DAI S89
		32142	DAI HD
		32145	DAI S89-II
		42166	MAZ FS
		43288	MIT 4G94
		43657	MIT 4G92S-H
		43658	MIT 4G93
		43671	MIT 4G92S
		43677	MIT 6A12
		43679	MIT 4G93-II
19.00 x 61.00	P 45127	45127	SUZ SL413-II
		45132	SUZ VITARA
		45135	SUZ STEAM 1.3L
		45653	SUZ G13BB
		45654	SUZ G13B-II
		45655	SUZ G13-Y58
19.00 x 62.00	P 44259	44125	NIS E15
		44259	NIS E16i
		44268	NIS E16
		44324	NIS A15-II
		44329	NIS E16-T
		44355	NIS E15-III
		44611	NIS E13
		45124	SUZ G16KV
		45144	SUZ G16B-II
		45149	SUZ G15A
		45153	SUZ G16KV-II
		45601	SUZ SWIFT 1.6
		70601	REN K7J 710
19.00 x 63.00	P 44322	44322	NIS A14-II
19.00 x 64.00	P 43132	43132	MIT 4G32
		43132N	MIT 4G32 NEW
		43137	MIT 4G33
		43144	MIT 4G41R NEW
		43195	MIT G37B
		43219	MIT 4G37
		43221	MIT 4G32-M
		43224	MIT 4G32-III
		43606	MIT 4G36
		43656	MIT G32S
		44109	NIS A14
		44114	NIS A15
		45123	SUZ SL413
19.49 x 56.80	P 67106	67106	PEU TU5JP4
19.49 x 62.00	P 67104	67104	PEU 1.6L
19.05 x 67.20	P M3102	M3102	JOH LOOPER 3.0000"
		M3103	JOH CROSS FLOW 3.0000"
19.05 x 71.20	P M3104	M3104	JOH LOOPER
		M3105	JOH LOOPER 3.1875"
		M3108P	JOH 3.600" V4
		M3108P-6	JOH 3.600" V6
19.05 x 79.20	P M3107	M3107	JOH CROSS FLOW 3.5000"
		M3107-6	JOH CROSS FLOW 3.5000"
		M3109	JOH CROSS FLOW 3.6250"
19.55 x 61.00	P M2101	M2101	MER LOW DOME 2.8750"
		M2101-6	MER LOW DOME 2.8750"

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
		M2102	MER LOW DOME 2.8750"-II
		M2102-6	MER LOW DOME 2.8750"-II
		M2103	MER HIGH DOME 2.8750"
		M2103-3	MER HIGH DOME 2.8750"
		M2103-4	MER HIGH DOME 2.8750"
		M2103-6	MER HIGH DOME 2.8750"
		M2104	MER HIGH DOME 2.8750" -II
		M2104-3	MER HIGH DOME 2.8750" -II
		M2104-4	MER HIGH DOME 2.8750" -II
		M2104-6	MER HIGH DOME 2.8750" -II
19.55 x 66.80	P M2105P	M2105P	MER LOOPER 3.1250"
19.55 x 68.60	P M2109	M2109	MER 3.5"
		M2109-4	MER 3.5"
19.55 x 73.80	P M2106P	M2106P	MER LOOPER 3.3750"
		M2108P	MER 2.5L
19.90 x 64.00	P M1101	M1101	YAM MARINE ENGINE
19.96 x 46.00	P 38186	38186	HON R20A
		38208	HON R16A
		38210	HON L15B7
		38659	HON R18A1/A2
19.98 x 52.00	P 52110	42217	MAZ B3-III
		52102	KIA DC
		52110	KIA B1
		52111	KIA RIO 1.6L
		52654	KIA A3E
19.98 x 56.00	P 42656	42656	MAZ TB
19.98 x 61.00	P 42173	42173	MAZ Z5
		42214	MAZ ZM
		42653	MAZ B5
		52113	KIA SEPHIA-II
19.98 x 65.00	P 42146	42131	MAZ E3
		42140	MAZ NA NEW
		42142	MAZ NA NEW - II
		42146	MAZ MA
		42171	MAZ B6
		42172	MAZ B6 - II
		42196	MAZ E5-II
		42203	MAZ MA-IV
		52103	KIA B6D
19.98 x 61.00	P 42661	42661	MAZ BP
19.99 x 53.00	P 44340	44340	NIS MR18DE
		44350	NIS MR20DE
		44368G	NIS MR20DD GALLERY
		44370	NIS MR20DE-IV
		44377	NIS MR20DE-V
		48203	VW AEG
19.99 x 57.00	P 44328	42668	MAZ B6ZE
		44328	NIS QR25DE
		44343	NIS QR25DE-III
		44349	NIS QR25DE-IV
		44353	NIS QR25DE-V
19.99 x 59.00	P 44342	44342	NIS QR20DE
		52108	KIA CREDOS
19.99 x 61.50	P 42662	42662	MAZ B6-T
		42664	MAZ KL
		70108	REN K4J
19.99 x 65.00	P 42600	42600	MAZ UC

PISTON PIN LIST

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
		42652	MAZ E3-II
20.00 x 43.00	P 45157	45157	SUZ M16A
		44372	NIS HR10DET
20.00 x 45.00	P 51183	51183	HYU G4NR
		51185	HYU G4NL
20.00 x 48.00	P 67110	43306G	MIT 4B40 GALLERY
		67110	PEU EP6
20.00 x 49.00	P 51146	51146	HYU ELANTRA
		51148	HYU NU 2.0L
		51160	HYU G4NC
		51175	HYU G4NA
		51178	HYU G4NH
		51181	HYU G4NG
		72101	GEE EMGRAND
20.00 x 52.00	P G2101	42127	MAZ B3
		42660	MAZ B3-II
		51167A	HYU 1.6L GDI ALFIN
		G2101	MIT MN55
		G2105	MIT NM45
20.00 x 54.00	P 48605	48605	VW 2G / AAV / HK
20.00 x 55.00	P 42108	30118	CHE CAPTIVA SPORT 2.4 L
		35213	FOR 2.5L-II
		42108	MAZ PB
		42651	MAZ TC
		42670	MAZ TC-II
		42680	MAZ L5-VE
20.00 x 56.58	P 42165	42165	MAZ BP05
		42200	MAZ BP-II
		42208	MAZ BP-III
		46262	TOY 4AFE
		46266	TOY 4AFE-II
		46277	TOY 7AFE
		46664	TOY 4A-GEU - VVT
		48107	VW ET/ZF/EP
		48110	VW E-II, ABS KAT, DS, DX
		48111	VW 9A
		48201	VW JS KAT
		48206	VW 2.5 / 2.6 MICROBUS
		48216	VW 1.8L
		48219	VW 1.8L-II
		48600	VW PL 4 KAT
		48606	VW ADP / AEK / AFT
		48609	VW AAM/ADF/DS/EX/RP
		48223	VW 2.8L
20.00 x 57.00	P 44675	48604	VW 1F / ABN / DT / EW
		61601	AUD AAR / NF / NG
20.00 x 58.00	P 52112	44675	NIS K21
		44676	NIS K25
		45656	SUZ M13A
		45657	SUZ M15A-II
		52112	KIA SPECTRA
		58102	GM L61
		58122	GM ECOTEC
20.00 x 59.00	P 51101	35180	FOR 2.0 L
		45134	SUZ H20A
		45143	SUZ M15A
		48204	VW AEB
		48611A	VW BPY / CBFA/ CCTA ALFIN
		51101	HYU J2 (BETA)
		51105	HYU G4DR - BETA - J2

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
		51120	HYU G4DR - BETA - J2 - II
		51122	HYU MATRIX 1.8L
		51127	HYU 2.0L
		51131	HYU G4GF
		51151	HYU G4GC
20.00 x 61.00	P 46310	42672	MAZ ZL-VE
		44617	NIS L24E
		44661	NIS CA18ET
		44663	NIS CA20-III
		46310	TOY 4AGELC
		G4104	HON GX 420
20.00 x 62.00	P 38129	38129	HON BS
		38602	HON ES
		38604	HON ES-II
		38654	HON A20A BS-II
		38655	HON ES1
		38664	HON B20A3
		44186	NIS CA16
		44190	NIS CA18
		44193	NIS CA20
		44279	NIS CA20-II
		44356	NIS 1.6L
		44608	NIS H20-II
		46286	TOY 4 A-GEU
		56111	OPE Z 22 SE
		70600	REN K4M
		G4102	HON GX 390
20.00 x 65.00	P 56101	42607	MAZ TC LATE
		46612	TOY 4P(High)
		46615	TOY 3P
		46651	TOY 4P(Low)
		56101	OPE 1300S
20.00 x 66.00	P 46187	42132	MAZ E5 NEW
		42170	MAZ VC NEW
		46116	TOY 1S
		46187	TOY 12R
		46255	TOY 3SFE
		46289	TOY 4SFI
		46614	TOY 2R
		46627	TOY 2S
20.01 x 50.00	P 46334	46334	TOY 1ZZFE
		46342	TOY 4ZZFE
		46367	TOY 3ZZ-FE
		46382	TOY 1ZR-FE
		46383	TOY 2ZR-FE
		46384	TOY 3ZR-FE
		46398	TOY 2ZR-FXE
		46402	TOY 1ZR-FBE
		46403	TOY 2ZR-FBE
		46407	TOY 3ZR-FE-III
		46408	TOY 2ZR-FXE-II
		46418	TOY 2ZR-FXE-III
		46419	TOY 2ZR-FAE
		46420	TOY 2ZR-FAE-II
		46421	TOY 2ZR-FAE-III
		46423	TOY 1ZZFE-V
		46688	TOY 3ZR-FE-II
20.01 x 56.58	P 46340	46340	TOY 2ZZFE
		46347	TOY 5AFE NEW
		46358	TOY 7K-II
		46377	TOY 1G-FE
20.01 x 56.58	P 46259	46259	TOY 7K
20.32 x 61.50	P 58120	58120	GM 2.2L

PISTON PIN LIST

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
20.62 x 61.50	P 33104	33104	CRY SQR477F
20.62 x 70.60	P 47101	47101	JEE 88 ANP
		47102	JEE 488 ANP
20.63 x 63.00	P 35177	35177	FOR ZETEC
		35179	FOR VIN 3 ZETEC
		35191	FOR CVH 2.0
20.63 x 67.00	P 35170	35170	FOR CVH-LUC
		35171	FOR CVH-FUA
		35173	FOR CVH
		35178	FOR MOT. 1.9 Lt
20.64 x 71.30	P 35165	35165	FOR 40065
20.65 x 74.00	P 44235	44235	NIS P680
20.98 x 60.00	P 44274	44274	NIS VG33E
		44321	NIS KA24DE
20.98 x 64.00	P 44277	44275	NIS VG30E
		44277	NIS VG30i
		44334	NIS VG30i-II
20.99 x 56.00	P 44338	44338	NIS KA24DE-IV
20.99 x 64.00	P 44664	44664	NIS RB30E
21.00 x 45.00	P 42220	35216	FOR 1.5L ECOBOOST
		35217	FOR 1.6L ECOBOOST
		42220	MAZ SKYACTIV-G
		42225	MAZ SKYACTIV-G-II
		42227	MAZ 2.0L SKYACTIV-G
		42228	MAZ PE
21.00 x 49.50	P 42223	42223	MAZ SKYACTIV-G 2.5L
21.00 x 54.00	P 33101	31136	CHR 2.0L TIGERSHARK
		33101	CRY TIGGO
		48218A	VW BZB ALFIN
21.00 x 56.00	P 38151	34140	FIA 1.6L
		38151	HON B18C1
		38152	HON B18B1
		38154	HON B20B4
		38155	HON B16A2
		38171	HON B20Z2
		48113	VW ABA
		48207	VW ABA-II
		48225	VW AMX
		67107	PEU EW10A
21.00 x 56.50	P 38668	38668	HON B18A1
		38669	HON B18C1-II
21.00 x 57.50	P 45152	43309	MIT 4B10
		43692	MIT 4B11
		43694	MIT 4B12
		45152	SUZ J20B
		51613	HYU G4KE / G4KG
21.00 x 58.00	P 51621	HYU	G4KA
21.00 x 59.00	P 45131	31132	CHR 1.8L
		42676	MAZ L8
		45131	SUZ H25A
		45131-4	SUZ J18
		45133	SUZ J20A
		45137	SUZ H27
		45139	SUZ J24B
		45140	SUZ AERIO
		45142	SUZ H27-II
		45147	SUZ SX4
		45150	SUZ J20A-II
		48610	VW 2E,ADY,AGG
		51111	HYU G6BV DELTA
		51113	HYU G6BA
		51124	HYU DELTA 2.7L
		51135	HYU SONATA 2.4L
		51138	HYU SANTA FE
		51144	HYU G4KD
		G1101	YAN TS 50
		G1603	YAN TS 50-II
21.00 x 60.00	P 42684	42684	MAZ LF-III
21.00 x 61.50	P 56104	30106	CHE OPTRA 1.8L
		30111	CHE CAPTIVA 2.4L
		30111-6	CHE CAPTIVA 3.6L
		35181	FOR AODA/B,CJBA/B,N4JB
		39211	ISU X22SE
		39229	ISU X20SE
		39230	ISU X22SE-II
		39233	ISU LUV
		39235	ISU DIMAX 2.4L
		42205	MAZ L3
		42209	MAZ L3-II
		42210	MAZ LF
		42216	MAZ LF-II
		44272	NIS KA24E-II
		56104	OPE 1800
		56107	OPE C20XE4V KAT
		56108	OPE 2.0 X
		56112	OPE C20NE KAT
		56601	OPE 20 SE
		56604	OPE C 2.0 XEV
		70101	REN 2.0 L
		70106	REN 2.0 L-III
21.00 x 62.00	P 33107	33107	CRY SQR481FD
21.00 x 63.50	P 32120	30122	CHE DIMAX 2.4L
		32120	DAI CL
		44352	NIS NA20-II
		44604	NIS NA20
		44615	NIS NA16S
		46606	TOY 3VZE
		58103	GM ASTRA
		70102	REN 2.0 L-II
21.00 x 65.00	P 35218	35218	FOR 2.0L DURATEC I4
21.00 x 66.00	P 44121	43231	MIT 4G63D
		43234	MIT 4G63D-T
		43250	MIT 4G61
		43676	MIT G63DH
		44121	NIS J15
		44232	NIS Z24
		44265	NIS J18
		44269	NIS Z16
		44271	NIS KA24E
		44278	NIS Z22
		44316	NIS Z24-II
		51114	HYU G4DM
		51137	HYU 15D
		58131	GM 2.0L
21.00 x 70.00	P 55653	55653	SUB EA82
21.00 x 72.50	P 43155	43154	MIT 4G62
		43155	MIT 4G63 OLD
		43207	MIT G63B NEW
		43230	MIT 420A

PISTON PIN LIST

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
		43258	MIT 4G64N
		43621	MIT G63B-II
		44160-4	NIS L16
		44160	NIS L24
		44166	NIS L18 NEW
		44167	NIS L18 OLD
		44224	NIS Z20
		44227	NIS Z20S
		44230	NIS Z22S
		44283	NIS L16-II
		44283-6	NIS L24-II/L26-II
		44305	NIS L20B
		44335	NIS L28S
		44336	NIS L24S
		44616	NIS L28
		44662	NIS L16-III
		44699	NIS H25
		51125	HYU Y2
21.00 x 82.00	P 55651	55651	SUB EA71
21.00 x 62.50	P 46660	46660	TOY 2VZ-FE
21.01 x 49.00	P 46409	46409	TOY A25A-FXS
		46410	TOY A25A-FKS
21.01 x 60.50	P 42207	42207	MAZ AJ
21.01 x 55.50	P 42199	42199	MAZ GY
21.50 x 76.00	P M1104P	M1104P	YAM SPECIAL J
		M1104P-6	YAM SPECIAL J
21.95 x 60.50	P 39237	39237	ISU 6VE1-III
21.96 x 52.00	P 38174	38174	HON K24A1
		38175	HON K24A4
		38184	HON K24A4-II
		38185	HON K20A3
		38188	HON K24Z3
		38189	HON K24A2
		38190	HON K20A2
		38191	HON K24Z2
		38197	HON ACCORD
		38198	HON K24A
		38199	HON K20A5
		38205	HON K24Z7
		38206	HON K24Y2
21.96 x 54.00	P 38172	38172	HON F23A5
		38176	HON J35A1
		38177	HON J35A3
		38178	HON J30A4
		38180	HON F23A1
		38192	HON J35A7
		38193	HON J32A3
		38194	HON J35A8
		38195	HON J30A
		38196	HON J35Z3
		57102	ACU J37A
21.96 x 57.00	P 38157	38157	HON H22A4
		38213	HON F20B-II
		38214G	HON K20C4/K20C6 GALLERY
		57101	ACU C35A1
21.98 x 67.00	P 42164	42157	MAZ FE
		42159	MAZ F6
		42164	MAZ F2
		42168	MAZ F8
		42192	MAZ F2-II
		42193	MAZ FE-II

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
		42218	MAZ FE-VIII
		42603	MAZ FE-IV
21.98 x 71.00	P 34113	34113	FIA 124S
21.98 x 60.00	P 59106	59106	LAD 2110
		59107	LAD VAZ 2112
		59111	LAD VAZ 21124
21.98 x 67.00	P 59101	59101	LAD 2101
		59103	LAD 21011
		59105	LAD 21083
		59108	LAD 21213
		59109	LAD VAZ 2105
21.98 x 71.00	P 34136	34136	FIA 128-II
21.99 x 54.50	P 44362	44362G	NIS MR16DDT GALLERY
21.99 x 58.00	P 44273	34120	FIA 160 A1
		34130	FIA SHAHEN
		44273	NIS VQ30DE
		44325	NIS VQ30DE-II
		44331	NIS VQ35DE-II
		44332	NIS VQ35DE
		44341	NIS VQ40DE
		44376	NIS VQ35DD
21.99 x 59.50	P 44366	44366	NIS VK56VD
		44375	NIS VK56VD-II
21.99 x 69.00	P 44276	44276	NIS VG30DE
22.00 x 48.00	P 44689	44689	NIS VQ20
22.00 x 48.00	P 44693	44693	NIS VQ20-II
22.00 x 51.00	P 33109	33109	CRY SQRF4J20
22.00 x 52.00	P 55106	29605	MER M272
		31134	CHR 3.6L
		51161	HYU G4KC
		51164	HYU G4KJ 2.4 GDI
		55106	SUB EZ30D
		55107	SUB EZ30D-II
		55110	SUB FB20
		55111	SUB FB20-II
22.00 x 55.00	P 48102	44360	NIS VQ35DE-III
		46288	TOY 1MZFE
		48102	VW FR/JB, FP WV
		54102	BMW M 20 B 25 M1 Z7 KAT
22.00 x 56.00	P 34101	29119	MER M102.945
		29601	MER M102 E20/V20
		34101	FIA 103
		38148	HON B21A1
		38150	HON F18A
		38156	HON H22A1
		38158	HON H23A1
		38168	HON C27A4
		38651	HON F22A
		46343	TOY 2AZFE
		46353	TOY 1AZFE
		46357	TOY 3MZFE
		46363	TOY 2GR-FE
		46363-4	TOY 2GR-FE
		46365	TOY 1AZ-FSE
		46366	TOY 1TR-FE
		46373	TOY 3SFE-VII
		46378	TOY 3S-FSE
		46379	TOY 2AZFE-II

PISTON PIN LIST

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
		46386	TOY 3GR-FE
		46388	TOY 3UR-FE
		46396	TOY 2GR-FSE
		46397	TOY 3GR-FSE
		46399	TOY 1UR-FE
		46400	TOY 2AR-FXE
		46404	TOY 2GR-FKS
		46414	TOY 2TR-FE-II
		46417	TOY 2AZFE-IV
		46693	TOY 2AR-FE
		46697	TOY 1AR-FE
		46701	TOY 3S-FE-VI
		46703	TOY 1GR-FE-II
22.00 x 57.00	P 38660	38660	HON B20A5
		38662	HON C32A
		38674	HON F22B1
22.00 x 58.00	P 43290	43290	MIT 6G75
		43297	MIT 6B31
		51147	HYU G6DB-II
		51165A	HYU G4KH ALFIN
		51168	HYU G6DB-III ALFIN
		51169	HYU G6DA-II
		51170	HYU G6DG
		51171	HYU G6DH
		51172	HYU G6DJ
		51173	HYU G6DG-II
		51174A	HYU G4KH-II ALFIN
		51177	HYU G6DC 3.5 MPI
22.00 x 60.00	P 34102	31117	CHR 2.7 L
		34102	FIA 1100D
		34109	FIA 1300
		39170A	ISU 4EC1 OLD ALFIN
		44601	NIS SR20DE
		44652	NIS SR20DE-II
		44680	NIS VK56DE
		58101	GM MOT.146
		G0135-1	KUB 4D78
		G0135	KUB 4D78
22.00 x 62.00	P 43222	35174	FOR 281
		35190	FOR 5.4L (330)
		35192	FOR E SERIES
		35193	FOR E SERIES-II
		35194	FOR TRITON
		35204	FOR 4.6L
		35205	FOR 5.0L
		35206	FOR 5.0L-II
		35220	FOR 5.0L-III
		43222	MIT 4G63-P
		43225	MIT 4G64S
		43226	MIT 4G63DK
		43228	MIT 4G64
		43261	MIT 4G63K
		43270	MIT 4G64-II
		43276	MIT G64FR
		43279	MIT 4G63N
		43287	MIT 4G69
		43307	MIT 4G64-IV
		43308	MIT 4G63
		46281	TOY 3VZ-FE
		46337	TOY 2UZFE
		46350	TOY 1UZFE-II
		46360	TOY 2TR-FE
		46368	TOY 1GR-FE
		46395	TOY 2UZ-FE-II
		46401	TOY 3UZ-FE
		46665	TOY 1UZFE
		46666	TOY 5VZ-FE

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
		51110	HYU G6BV
		51130	HYU G4JP
		54101	BMW M 20 B 20 L
		67102	PEU XU5 JP
22.00 x 64.00	P 43220	34131	FIA TEMPRA 1600 TWO
		43220	MIT 6G72 NEW
		43235	MIT 6G72-T
		43247	MIT 6G74
		43249	MIT 6G72H
		43263	MIT 6G73
		43271	MIT 6G74-II
		43278	MIT 6G72-II
		43284	MIT 6G74-III
		43294	MIT 6G72-V
		43667	MIT 6G72-IV
		43669	MIT 6G72-III
		51123	HYU XG350
		60102	VOL GAZ 4062.10
		60103	VOL 405
22.00 x 65.00	P 42141	42141	MAZ NA OLD
		42152	MAZ VC OLD
22.00 x 65.00	P 46662	46662	TOY 13T
22.00 x 65.50	P 42669	42669	MAZ VB
22.00 x 66.00	P 39104	37116	HOL 202
		39104	ISU G161Z
		39110	ISU G180Z
		39186	ISU 6VD1
		39208	ISU G180SR
		39234	ISU 6VE1
		39236	ISU G161ZB-II
		39243	ISU 6VD1-IV
		39605	ISU 4ZA1
		39654	ISU G180Z-II
		39673	ISU 6VE1-II
		43218	MIT 6G72
		46118	TOY 1Y
		46119	TOY 2Y
		46120	TOY 3Y
		46122	TOY 4Y
		46207	TOY 2T
		46211	TOY 2T-U
		46218	TOY 3T
		46263	TOY 3SGTE
		46267	TOY 21R-II
		46275	TOY 7MGTE
		46279	TOY 5SFE
		46280	TOY 7MGE
		46309	TOY 5SFE-II
		46330	TOY 2JZGE
		46338	TOY 2T/2TB
		46352	TOY 2JZGE-II
		46376	TOY 4SFI-II
		46605	TOY 5M
		46619	TOY 2TC
		46620	TOY 3SFE-II
		46621	TOY 3SFE-III
		46663	TOY 3SGE
		46667	TOY 3SFE-IV
		46689	TOY 3SGE-II
		46331G	TOY 2JZGTE GALLERY
22.00 x 66.00	P 46632	46632	TOY 5MGEU
22.00 x 67.00	P 44703	42678	MAZ F2T
22.00 x 69.50	P 46202	34135	FIA REGATA 100S
		35166	FOR 40090

PISTON PIN LIST

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
		35167	FOR 40091
		39175	ISU 4ZC1
		39628	ISU G161Z-II
		46202	TOY 22R-E
22.00 x 71.00	P 42612	42612	MAZ VA
22.00 x 72.00	P 46199	34103	FIA 125
		42206	MAZ FE-VII
		42602	MAZ FE-III
		46199	TOY 21R
		46653	TOY 21R-III
		48108	VW 1600-HIGH, 311
		48109	VW 1600-LOW, AM
		52101	KIA FE
22.00 x 72.60	P 31116	31116	CHR 2.4 L
		31118	CHR EDZ
		44196	NIS H20
22.00 x 75.00	P 46189	43148	MIT 4G52
		43151	MIT 4G53
		46138	TOY 3F
		46175	TOY 5R OLD
		46177	TOY 5R NEW
		46189	TOY 18R
		46201	TOY 22R
		46272-4	TOY 3F NEW
		46272	TOY 3F NEW
		46294	TOY 20R
		46659	TOY 20R-II
22.00 x 79.00	P 43153	39119	ISU G200Z
		39226	ISU G200Z-II
		43153	MIT 4G54
		43233	MIT G54B
		43273	MIT G54BT
		43292	MIT 4G54C
		43654	MIT G54B-II
22.50 x 56.00	P 35215	35215	FOR 2.0L ECOBOOST
		35219	FOR 2.0L ECOBOOST-II
22.50 x 65.00	P 42221	42221	MAZ MZR 2.3L
		42222	MAZ L3-III
22.88 x 67.50	P 31120	31120	CHR MOT. 201
		31125	CHR 2.5L-II (153)
		31133	CHR 3.3L
22.88 x 69.00	P 31115	31115	CHR 2.5 L
22.88 x 71.50	P 31119	31119	CHR MOT. 232
		31121	CHR EGH
22.96 x 56.00	P 38204	38204	HON F20C1
22.98 x 63.00	P 42163	42163	MAZ G6
		42169	MAZ JE-48
22.99 x 65.00	P 44347	44347	NIS TB45DE/TB48DE
		44347-4	NIS TB45DE/TB48DE
23.00 x 51.00	P 48232	48232A	VW CDAB ALFIN
		48233A	VW CZPA ALFIN
23.00 x 52.00	P 46411	46411A	TOY V35A-FTS
23.00 x 56.00	P 34129	34129A-3	FIA PALIO 1.3L JTD ALFIN
		34129A	FIA PALIO 1.3L JTD ALFIN
		35207	FOR 3.7 LTS
		45159AG	SUZ D13A ALFIN GALLERY

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
		58124	GM VENTURE 3.4
		58125	GM 3.1L
		58145A	GM LGW / LGY ALFIN
23.00 x 56.50	P 56605	56605A	OPE Y 13 DT/Z 13 DT ALFIN
23.00 x 58.00	P 55101	55101	SUB EJ22
		55654	SUB EJ20
23.00 x 60.00	P G1111	G1111	YAN TF 65
23.00 x 60.00	P G1118	G1118	YAN TF 55
		G1120	YAN TF 65-II
23.00 x 62.00	P 55103	55103	SUB EJ25
		55104	SUB EJ25-II
		55109	SUB EJ255-III
		55655	SUB EJ20-T-II
		58108	GM 191
		58110	GM B207R
23.00 x 63.00	P 51132	51132	HYU SONATA 3.8L
		51133	HYU SONATA 3.3L
		G0129	KUB V1702
		G0131	KUB V1502
		G0136-1	KUB 4D85
		G0136	KUB 4D85
23.00 x 63.00	P G1102	G1102	YAN TS 60
		G1604	YAN TS 60-II
23.00 x 64.00	P 55102	51139	HYU G6DB
		55102	SUB EJ20-T
		55105	SUB EJ255-T
		55108	SUB EJ255-II
		55656	SUB EJ25-III
23.00 x 64.50	P 32602	32602A	DAI CL-T ALFIN
23.00 x 65.00	P G2104	35198	FOR 4.2L
		58132	GM 4.2L
		G2104	MIT NM75
23.00 x 70.00	P 35182	35182	FOR 238
23.00 x 74.00	P 67103	67103	PEU XN1/XN1A/XN1T
23.00 x 76.00	P 56105	44660	NIS TB42/ E/ S
		56105	OPE 20E CIH
		56105-6	OPE 3.0 E/NE
23.00 x 77.00	P 42655	39176	ISU 4ZD1
23.00 x 80.00	P 39176	39185	ISU 4ZE1
		39228	ISU 4ZD1-II
		39604	ISU 4ZE1-II
		42655	MAZ JE
23.01 x 56.50	P 62101	62101A-2	TAT ACE ALFIN
		62101A	TAT INDICA ALFIN
		62104A	TAT ACE-II ALFIN
		62104A-4	TAT INDICA-II ALFIN
23.07 x 65.40	P M1102P	M1102P	YAM 115/225 HP
		M1102P-6	YAM 115/225 HP
		M1103P	YAM 115/225 HP-II
		M1103P-6	YAM 115/225 HP-II
23.17 x 69.50	P 35183	35183	FOR 140
23.17 x 76.20	P 35169	35169	FOR P-764
		35184	FOR 3.8L (232)

PISTON PIN LIST

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
		35210	FOR 2.3L
23.31 x 69.00	P M2107P	M2107P	MER OPTIMAX 2.5L
23.50 x 58.00	P 46276	46276A	TOY 1N ALFIN
23.50 x 65.50	P 58111	58111 58111-5	GM LLV GM LLR
23.55 x 76.00	P 58112	58112 58121	GM 5.7L (350) GM 4.3L
23.64 x 68.50	P 31124	31124	CHR 153
23.81 x 75.00	P 35168	35168-4 35168	FOR 40073 FOR 40073
23.95 x 65.00	P 58123	58123 58129 58134 58135 58138	GM 5.3L GM 3.9L GM 4.8L-II GM ESCALADE GM VORTEC VIN 6
24.00 x 52.00	P 30117	30117	CHE CAPTIVA 3.0L
24.00 x 55.85	P 48224	48224	VW AAF
24.00 x 58.00	P 46405	30132G 46405A	CHE LTG 2.0L GALLERY TOY 8AR-FTS ALFIN
24.00 x 57.50	P 42229	42229AG	MAZ SKYACTIV-D 1.5 ALFIN GALLERY
24.00 x 58.50	P 58142	58142G	GM LTG-II GALLERY
24.00 x 60.00	P 30113	30113	CHE CAPTIVA 3.2
24.00 x 61.00	P 46300	29121 31122 46300 46359 58109 58126	MER M102.980 CHR EGJ TOY 1RZ TOY 1RZ-III GM 213/LX9 GM LY7
24.00 x 63.00	P 44262	31135 35214 44262A	CHR 5.7L FOR 6.2L NIS CD17 ALFIN
24.00 x 64.00	P 48101	48101A 48112	VW ME ALFIN VW DJ
24.00 x 64.00	P 48601	48601A 48602A 88001A	VW 1G / 1V / CY TURBO ALFIN VW 1X / 1Y / AAB ALFIN SKO 1Y / AEY ALFIN
24.00 x 65.00	P G0111	G0111 G0123 G0134	KUB RD 65 KUB RD 55 KUB RD 65 DIS
24.00 x 68.50	P 35172	35172	FOR KOLN 2V (T88)
24.00 x 71.00	P 31131	31131 46694	CHR HEMI 5.7 TOY 3RZ-F
24.00 x 72.00	P 35208	35208	FOR 2.8 LTS
24.00 x 77.50	P M3106P	M3106P M3106P-6 M3106P-8 M3110P M3110P-6 M3110P-8	JOH LOOPER 3.5000" JOH LOOPER 3.5000" JOH LOOPER 3.5000" JOH 3.685" JOH 3.685" JOH 3.685"

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
24.00 x 70.00	P 46312	46311 46312 46313 46329 46344 46375 46607	TOY 2RZ-FE TOY 3RZ-FE TOY 2TZ-FE TOY 2TZFZE TOY 2TZ-FE-II TOY 2RZ-FE-III TOY 2RZ
24.02 x 59.00	P 31130	31130-6 31130	CHR POWER TECH 3.7 CHR POWER TECH 4.7
25.00 x 58.00	P G0101	G0101	KUB KND 3B
25.00 x 60.00	P 39179	39179A 35195A	ISU 4EC1 TURBO ALFIN FOR FIESTA ALFIN
25.00 x 60.00	P 39668	39668A	ISU 4EE1 ALFIN
25.00 x 64.00	P 42601	42601 42674AG G0121 G0125 G0126 G0127-1 G0127 G0128 G0130A G0132 G0133A G0600A-1 G0600A G0601A-1 G0601A G0602	MAZ PN MAZ R2 NEW ALFIN GALLERY KUB RD 75 KUB V2203DI KUB V1702DI KUB V1512DI KUB V1512DI KUB V2203 KUB 1512 TCVS KUB 1902DI KUB 83 MM KUB D1503 ALFIN KUB D1503 ALFIN KUB V2403T ALFIN KUB V2403T ALFIN KUB V2403
25.00 x 65.00	P G0120	31129 G0103 G0112 G0116 G0120	CHR 370 CID KUB KND 70A KUB JD75 KUB KND40 KUB GA70
25.00 x 66.00	P 43612	43612AG 67600	MIT 4D68T ALFIN GALLERY PEU DW8
25.00 x 67.00	P 39157	39157A 39183A 43613A 44176A 44263A 44602A 44606 44625A 60104 G2103 G2106	ISU 4FC1 ALFIN ISU 4FB1 ALFIN MIT 4D68 ALFIN NIS LD20 ALFIN NIS LD20-II ALFIN NIS CD20 ALFIN NIS RD28 NIS LD28 ALFIN VOL GAZ 421 MIT MN 110 MIT NM90
25.00 x 68.00	P 42167	42167A 42611AG 43229A 43241A 43264A 43286A	MAZ R2 ALFIN MAZ R2 LATE ALFIN GALLERY MIT 4D65T ALFIN MIT 4D65T OLD ALFIN MIT 4D65 ALFIN MIT 4D65-II ALFIN
25.00 x 70.00	P G0118	43687 62103A G0104 G0106 G0113 G0118 G0124	MIT 4DQ5 TAT 207 ALFIN KUB KND 80 KUB KND 85 KUB GA80 KUB RD 85 KUB RD 85S

PISTON PIN LIST

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
25.00 x 72.50	P 39620	39620	ISU C-221-II
25.00 x 76.00	P 31127	31126 31127	CHR 5.9L (360) CHR 3.9L (239)
25.15 x 71.80	P 46136	46136 46623	TOY 2F TOY 2F-II
25.15 x 80.00	P 46132	46132	TOY F
25.40 x 75.90	P 40103	40103	LAN 3.562
26.00 x 55.00	P 29603	29603A	MER OM 601 ALFIN
26.00 x 58.60	P 42226	42226AG	MAZ SKYACTIV-D ALFIN GALLERY
26.00 x 60.00	P 70103	70103A	REN K9K ALFIN
26.00 x 61.00	P 67601	67601AG	PEU 9HD / 9HF / 9HJ ALFIN GALLERY
26.00 x 62.00	P 29602	29602A	MER OM 661 ALFIN
26.00 x 62.70	P 46270	44295A 46270 46282 46372	NIS LD23 ALFIN TOY 1FZ-FE TOY 1FZ-FE-II TOY 1FZ-FE-III
26.00 x 65.50	P 48222	48222AG 48226AG 48227A	VW 2.0 LT TDI ALFIN GALLERY VW AXB TURBO ALFIN GALLERY VW BJK TURBO ALFIN
26.00 x 65.50	P G1112	G1112	YAN TF 75
26.00 x 66.00	P 48603	48603A	VW AAZ / ABL / ADE TURBO ALFIN
26.00 x 66.00	P G1113	44624AG 48220AG-3 48220AG 48612AG G1103 G1113 G1115 G1121 G1121-1 G1123 G1605	NIS LD20-T ALFIN GALLERY VW POLO ALFIN GALLERY VW VENTO ALFIN GALLERY VW ANU/ATD/AVB/AVQ ALFIN GALLERY YAN TS 70 YAN TF 85 YAN TF 85-II YAN 4D84 YAN 4D84 YAN 3D84-II YAN TS 70-II
26.00 x 67.80	P M1105P	M1105P	YAM 225/250 HP
26.00 x 68.00	P 44603	44603A 48613A G0102	NIS SD33T ALFIN VW ACV/ AGX/AHD/AHY ALFIN KUB KND 5B
26.00 x 70.00	P 32139	32102 32103 32126 32128A 32139 G1607	DAI DG DAI DG OLD-4R DAI DL DAI DL NEW-26 ALFIN DAI DG OLD-5R YAN 4TNE86
26.00 x 71.00	P 44210	29120 44210A 44210A-6 44291	MER M115.923 NIS SD22 ALFIN NIS SD33 ALFIN NIS SD22-II
26.00 x 73.00	P 29116	29116 29117	MER M115.952 MER M115.951
26.00 x 74.00	P 44215	29118A 44215A 44266A	MER 240D ALFIN NIS SD23 / SD25 ALFIN NIS TD23 ALFIN
		44622A	NIS SD23/25-II ALFIN
27.00 x 58.00	P 46260	46260A 46264A 46278A 46374A 46630 46650 46676AG 46692	TOY 2C ALFIN TOY 2C-II ALFIN TOY 2C-T ALFIN TOY 2C-IV ALFIN TOY 1C-III TOY 1C-II TOY 1ND-TV ALFIN GALLERY TOY 1C NEW
27.00 x 61.00	P 46609	46609A	TOY 2CT-II ALFIN
27.00 x 61.00	P 46629	46629AG 62105AG	TOY 3C ALFIN GALLERY TAT 1.4 DICOR ALFIN GALLERY
27.00 x 61.50	P 44696	44696AG	NIS RD28TI NEW ALFIN GALLERY
27.00 x 64.00	P 39189	39189A 56606A	ISU 4EE1-T ALFIN OPE Y 17 DT/DTL ALFIN
27.00 x 66.00	P 46695	46695AG	TOY 2CT-III ALFIN GALLERY
27.00 x 66.50	P 44623	44623AG	NIS RD28-T ALFIN GALLERY
27.00 x 68.00	P 39130	39128A 39130A 39159A 39218A 39601A 39602A 39621A 46112A 46601A 46654A 46684	ISU C-190-3R ALFIN ISU C-223 ALFIN ISU 4FD1 ALFIN ISU C-223-II ALFIN ISU C-223 OLD ALFIN ISU 4FG1 ALFIN ISU C-240 ALFIN TOY 1C ALFIN TOY 2C-III ALFIN TOY 1DZ ALFIN TOY 1DZ NEW
27.00 x 70.00	P 46261	46261A 46351A	TOY 2L-II ALFIN TOY 2LT NEW-II ALFIN
27.00 x 72.00	P 39125	39125A 39127A G0107 G0108 G0119 G0122 G0137	ISU C-240 OLD ALFIN ISU C-190 ALFIN KUB KND 105 KUB KND 110 KUB KND 95Di KUB RD 105 KUB RD 115
27.00 x 74.00	P 46240	46226A 46226A-6 46234 46236 46238 46240A 46316 46369	TOY 2J ALFIN TOY H NEW ALFIN TOY L OLD TOY L NEW TOY L NEW-II TOY 2L ALFIN TOY H-II TOY 2J-III
28.00 x 61.00	P 44671	44671AG 51142AG-3 51142AG	NIS YD25TDI ALFIN GALLERY HYU i20 MAGNA CRDI ALFIN GALLERY HYU i20 MAGNA CRDI ALFIN GALLERY
28.00 x 61.50	P 44685	44685AG	NIS YD22DDT/ETI ALFIN GALLERY
28.00 x 62.00	P 51150	51150AG-3 51150AG 51158AG	HYU D4FA ALFIN GALLERY HYU D4FA ALFIN GALLERY HYU i10 GRAND ALFIN GALLERY
28.00 x 64.00	P 51154	51154AG	HYU D4FB ALFIN GALLERY
28.00 x 65.50	P 51604	51604A 51604A-4	HYU D3EA ALFIN HYU D4EA ALFIN

PISTON PIN LIST

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
28.00 x 66.50	P 44681	44681AG	NIS CD20-T ALFIN GALLERY
28.00 x 67.00	P 58118	58118AG	GM CAPTIVA ALFIN GALLERY
		66103A	MAH MDI 3200 ALFIN
28.00 x 69.00	P 44697	44697AG	NIS YD22DDT/DDTI ALFIN GALLERY
		44364AG	NIS YD25DDTi-II ALFIN GALLERY
28.00 x 70.00	P G1114	29604AG	MER OM 602 TURBO ALFIN GALLERY
		G1114	YAN TF 105
28.00 x 71.00	P 44684	44684AG	NIS YD25TDI NEW ALFIN GALLERY
		44686AG	NIS YD25DDTI ALFIN GALLERY
		G1104	YAN TS 105
		G1601	YAN TS 105-II
		G1606	YAN TF 120
28.00 x 72.00	P 51605	51605AG	HYU D4EB-F/D4EB-G ALFIN GALLERY
28.00 x 73.50	P 42174	42174A	MAZ S2 ALFIN
		42606	MAZ S5
		42659	MAZ XA-II
28.00 x 74.00	P G0114	G0114	KUB GA 90
28.00 x 74.80	P 32127	32127	DAI DL NEW-28
		42658A	MAZ SF K2400 ALFIN
28.00 x 76.80	P 43157	43157	MIT 4DR5
		43157-6	MIT 6DR5
		43655A	MIT S4E ALFIN
		43688	MIT S4E2
		68101A	TEM TRAVELLER ALFIN
28.00 x 77.00	P 43609	43609	MIT 4DR51/4DR5 LATE
28.00 x 80.00	P 44255	44255A	NIS TD25 ALFIN
		44267A	NIS TD27 ALFIN
		44267A-6	NIS TD42 ALFIN
29.00 x 65.00	P 46257	46257A	TOY 1HZ ALFIN
29.00 x 68.00	P 39609	39609A	ISU C-223-T ALFIN
29.00 x 69.00	P 46678	46678AG	TOY 1AD-FTV ALFIN GALLERY
		46679AG	TOY 2AD-FHV ALFIN GALLERY
		46691AG	TOY 1VD-FTV ALFIN GALLERY
		46696AG	TOY 2AD-FTV ALFIN GALLERY
29.00 x 74.00	P 46256	46256A	TOY 3L ALFIN
		46273AG	TOY 5L ALFIN GALLERY
		46389AG	TOY 2LT NEW ALFIN GALLERY
		46600AG	TOY 2LT LATE ALFIN GALLERY
		46602A	TOY 2L-T ALFIN
		46611A	TOY 2H LATE ALFIN
		46626A	TOY B LATE ALFIN
29.00 x 75.00	P 43171	35102	FOR 2402 E
		43171A	MIT 4D55/4D56 ALFIN
		43173A	MIT 4D56T ALFIN
		43242AG	MIT 4D56-T LATE ALFIN GALLERY
		43285	MIT 4D56-II
		43291A	MIT 4D56 LATE ALFIN
		43298AG	MIT 4D56-III ALFIN GALLERY
		43661A	MIT 4D56-T LATE-II ALFIN
		43709AG	MIT 4D55T / 4D56T ALFIN GALLERY
		46231A	TOY 2H ALFIN
		51102A	HYU D4BB ALFIN
		51108A	HYU D4BA ALFIN
		51606AG	HYU D4BH ALFIN GALLERY
29.00 x 77.00	P 36101	35601A	FOR 4A B/ BA / BB / CA / FA ALFIN

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
		36101	HIN DM-100
29.00 x 79.00	P 46123	46123	TOY B OLD
		46124A	TOY B NEW ALFIN
		46127	TOY 2B
		46265	TOY BU 15-II
		46308	TOY B NEW-II
30.00 x 60.00	P 44363	44363AG	NIS R9M ALFIN GALLERY
30.00 x 63.50	P 40601	40601AG	LAN 30DDTX, 306DT ALFIN GALLERY
30.00 x 66.00	P 66105	35201AG	FOR 2.2L DURATORQ TDCI ALFIN GALLERY
		66105A	MAH MAXIMO ALFIN
30.00 x 68.00	P 42671	42610AG	MAZ RF ALFIN GALLERY
		42671A	MAZ RF-II ALFIN
		42675AG	MAZ RF7 ALFIN GALLERY
30.00 x 69.00	P 38661	38661AG	HON N22A1/N22A2 ALFIN GALLERY
30.00 x 70.00	P 38658	38658A	HON 20T2N/20T2 TURBO ALFIN
30.00 x 71.00	P 69101	69101AG	SSA ACTYON 2.0L ALFIN GALLERY
30.00 x 73.00	P G1105	G1105	YAN TS 130
30.00 x 74.00	P 44630	44630A	NIS TD27-LATE ALFIN
		44630A-6	NIS TD42-LATE ALFIN
		64101A-1	KOM S6D95 ALFIN
		64101A	KOM S6D95 ALFIN
30.00 x 74.00	P 44666	44666A	NIS TD25 LATE ALFIN
		64601A	KOM 4D95 ALFIN
30.00 x 75.00	P 52650	42657A	MAZ JS K2700 ALFIN
		52650AG	KIA RFA ALFIN GALLERY
30.00 x 76.50	P 43682	43682	MIT S4S
		43682-6	MIT S6S
30.00 x 78.00	P 43232	43232AG	MIT 4M40-T ALFIN GALLERY
		43610A	MIT 4DR7 ALFIN
		43670AG	MIT 4M40-T-II ALFIN GALLERY
		43673A	MIT 4M40 ALFIN
		52651AG	KIA JT 3.0 ALFIN GALLERY
30.00 x 79.00	P 42609	42609	MAZ HA-II
30.00 x 79.80	P 44296	44296AG	NIS TD27-T - II ALFIN GALLERY
		44367AG	NIS TD42T-II ALFIN GALLERY
		44619AG	NIS BD30 ALFIN GALLERY
		44621AG	NIS TD27-T ALFIN GALLERY
		44621AG-6	NIS TD42-T ALFIN GALLERY
		44654AG	NIS BD30T ALFIN GALLERY
		44674AG	NIS TD27-T NEW ALFIN GALLERY
		66104	MAH XD3P
30.00 x 80.00	P 44654	G0105	KUB KND 90/120
31.00 x 68.00	P 46680	34141AG	FIA F1AE ALFIN GALLERY
		46392AG	TOY 2GD FTV ALFIN GALLERY
		46393AG	TOY 1GD FTV ALFIN GALLERY
		46680AG	TOY 1CD-FTV ALFIN GALLERY
		46690AG	TOY 1CD-FTV-II ALFIN GALLERY
31.00 x 70.00	P 66106	66106A	MAH SCORPIO M HAWK ALFIN
31.00 x 71.00	P 39684	39684	ISU C 2.2
31.00 x 76.00	P 39232	39231A	ISU 4JA1T NEW ALFIN

PISTON PIN LIST

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
		39232AG	ISU 4JH1-TC ALFIN GALLERY
		39658A	ISU 4JA1 LATE ALFIN
		39661AG	ISU 4JX1 ALFIN GALLERY
31.00 x 77.00	P 39162	39162A	ISU 4JA1 ALFIN
		39163A	ISU 4JB1 ALFIN
		39656A	ISU 4JB1 LATE ALFIN
31.50 x 81.50	P 36603	36603A	HIN EC100 ALFIN
31.75 x 75.00	P 42149	42149A	MAZ HA ALFIN
		42150	MAZ XB
		42150-6	MAZ ZB OLD
		42179A	MAZ ZB ALFIN
		42198A	MAZ SS K2700 ALFIN
		42605	MAZ XA
		G8102A	PER 68322 (NEW) ALFIN
		G8106A	PER MF-5F ALFIN
31.99 x 71.00	P 30130	30130AG	CHE S10 ALFIN GALLERY
32.00 x 65.00	P 70111	70111AG	REN M9T ALFIN GALLERY
32.00 x 70.00	P 42185	42185AG	MAZ WL-T ALFIN GALLERY
		42186A	MAZ WL ALFIN
		42215AG	MAZ W9 ALFIN GALLERY
		43301AG	MIT 4N15 ALFIN GALLERY
		43304AG	MIT 4N15-II ALFIN GALLERY
32.00 x 72.00	P 46254	35202AG	FOR 2.4L DURATORQ TDCI 16V ALFIN GALLERY
		46254A	TOY 14B ALFIN
		46608A	TOY 11B-II ALFIN
		46622A	TOY 3B-II ALFIN
32.00 x 74.00	P 35203	35203AG	FOR 3.2L DURATORQ TDCI ALFIN GALLERY
32.00 x 75.00	P 43678	43300AG	MIT 4D56T CRDi-II ALFIN GALLERY
		43672AG	MIT 4D55T/4D56T-II ALFIN GALLERY
		43678AG	MIT 4D56T CRDi ALFIN GALLERY
		58128AG	GM LWN 2.8L VGT ALFIN GALLERY
32.00 x 76.00	P 46613	46613A	TOY 1Z ALFIN
		46624A	TOY 12H-T ALFIN
		66101A	MAH SCORPIO CRD ALFIN
32.00 x 77.00	P 46682	46682	TOY 2Z NEW
		46685	TOY 13Z
		46699	TOY 14Z
32.00 x 78.00	P 52107	43663AG	MIT 4M41-T ALFIN GALLERY
		51610AG	HYU J3TCi ALFIN GALLERY
		51611AG	HYU J3TCi-II ALFIN GALLERY
		52107AG	KIA CARNIVAL-II ALFIN GALLERY
32.00 x 79.80	P G1116	G1116	YAN TF 155
32.00 x 80.00	P G1106	43681AG	MIT 4M42-0AT ALFIN GALLERY
		G1106	YAN TS 155
		G1107	YAN TS 180
		G1122	YAN TF 140
32.00 x 80.80	P G1602	G1602	YAN TS 180-II
32.00 x 82.00	P 43115	43115	MIT 6DS7
		43115N	MIT 6DS7 NEW
32.00 x 83.40	P 46128	34118	FIA TRACTOR 300, 350, 355
		46128A	TOY 3B ALFIN
32.00 x 85.00	P 44670	44670	NIS ED30
33.00 x 73.00	P 46674	46674AG	TOY 1HD-FTE ALFIN GALLERY

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
33.00 x 74.00	P 51619	51619AG	HYU D4CB ALFIN GALLERY
33.00 x 75.00	P 51603	51179AG	HYU D4CC ALFIN GALLERY
		51603AG	HYU D4CB CRDI ALFIN GALLERY
		51608AG	HYU D4CB TCi ALFIN GALLERY
33.00 x 78.00	P 44297	44297A	NIS QD32 ALFIN
		44672AG	NIS ZD30 ALFIN GALLERY
		44673AG	NIS ZD30 LATE ALFIN GALLERY
		44678AG	NIS ZD30DDTI ALFIN GALLERY
		44683AG	NIS QD32TI ALFIN GALLERY
		44702AG	NIS ZD30DD ALFIN GALLERY
33.00 x 83.00	P 39165	39165A	ISU 4BC1 ALFIN
33.00 x 85.00	P 39160	39160A	ISU 4BA1 ALFIN
33.01 x 73.00	P 46268	46268A	TOY 1HD-T LATE ALFIN
		46325A	TOY 1HD-T-II ALFIN
		46362AG	TOY 1HD-FT ALFIN GALLERY
34.00 x 65.00	P 46348	46348AG	TOY 2KD - FTV ALFIN GALLERY
		46711AG	TOY 2KD-FTV-IV ALFIN GALLERY
		51163AG	HYU D4HA ALFIN GALLERY
34.00 x 70.00	P 42212	42212AG	MAZ MZ-DE ALFIN GALLERY
		42213AG	MAZ MZR-CD ALFIN GALLERY
34.00 x 73.00	P 46283	46283AG	TOY 1KZ-TE ALFIN GALLERY
		46655A	TOY 15BF ALFIN
		46656AG	TOY 15BF-T ALFIN GALLERY
		46671AG	TOY 1KZ-TE NEW ALFIN GALLERY
		46675AG	TOY 1KD-FTV ALFIN GALLERY
		46686AG	TOY 1KD-FTV-II ALFIN GALLERY
		46698AG	TOY 1KD-FTV-III ALFIN GALLERY
		46710AG	TOY 1KD-FTV-IV ALFIN GALLERY
		65001A	EIC 4D31 ALFIN
34.00 x 76.00	P 46287	46287A	TOY 11B ALFIN
34.00 x 78.00	P 39188	39188A	ISU 4JB1-T ALFIN
		39190A	ISU 4JB1-T LATE ALFIN
		39245AG	ISU 4JK1-TCS / 4JK1-TCX ALFIN GALLERY
		39600A	ISU 4JG2 EARLY ALFIN
		39608AG	ISU 4JG2-T ALFIN GALLERY
		39660AG	ISU 4JG2-T NEW ALFIN GALLERY
		39669AG	ISU 4JG2-T-II ALFIN GALLERY
		39674AG	ISU 4JJ1-TC CRDI ALFIN GALLERY
		39675AG	ISU 4JK1-TC ALFIN GALLERY
		39687AG	ISU 4JJ1-TC CRDi-II ALFIN GALLERY
		46625A	TOY 14B-T ALFIN
34.00 x 79.00	P 46668	46668A	TOY 13B-T ALFIN
34.00 x 81.00	P 65002	65002A	EIC 483 TC ALFIN
34.00 x 82.00	P 42107	42107G	MAZ SL GALLERY
		42201A	MAZ SL-III ALFIN
		42613AG	MAZ SL-T ALFIN GALLERY
		52652A	KIA JD K3500 ALFIN
		52653G	KIA SH K3600 GALLERY
		52656G	KIA SH K3600 NEW-II GALLERY
34.00 x 82.00	P 42677	42677A	MAZ SL-IV ALFIN
		42685AG	MAZ SLT T3500T ALFIN GALLERY
34.00 x 83.50	P 39138	39137-4	ISU DA220
		39137	ISU DA-120-4R
		39138	ISU DA-120-5R
		43164A	MIT 4D30 OLD ALFIN

PISTON PIN LIST

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
		43166A	MIT 4D30 ALFIN
		43168A	MIT 4D31/4D31T ALFIN
		43168-6	MIT 6D31 / 6D31T
		43170A	MIT 4D34 ALFIN
		43227A	MIT 4D32 ALFIN
		43244A	MIT 4D33 ALFIN
		43280A	MIT 4D36 ALFIN
		43299A	MIT 4D33-III ALFIN
		44605A	NIS ED33 ALFIN
		43617A	MIT 4D31 T ALFIN
		43619A	MIT 4D32 LATE ALFIN
		43664A	MIT 4D31-T LATE ALFIN
		43664A-6	MIT 6D31-T LATE ALFIN
		43666A	MIT 4D32 NEW ALFIN
		43674A	MIT 4M51 ALFIN
		43683AG	MIT 4M51T ALFIN GALLERY
		44323A	NIS FD6T ALFIN
		44620A	NIS FD35 ALFIN
		44657A	NIS FD6T-II ALFIN
		44658A	NIS FD6T-III ALFIN
		46130A	TOY 13B ALFIN
		51103A	HYU D4AF ALFIN
		51112A	HYU D4AE ALFIN
34.00 x 84.00	P 43683	43711A	MIT 4M51-II ALFIN
		51607A	HYU D4AF-III ALFIN
34.00 x 85.00	P 44694	44629A	NIS FD33-T ALFIN
		44659A	NIS FD35-T ALFIN
		44694A	NIS ED35 ALFIN
34.00 x 85.00	P 44698	44698A	NIS FD33 ALFIN
34.00 x 88.50	P 46242	36111A	HIN EH-100 ALFIN
		46242	TOY 2D OLD
		46244	TOY 2D NEW
34.92 x 82.50	P 50101	50101	LEY 4.98 NV
34.92 x 84.00	P G8104	G8101	PER 6.354
		G8103	PER 4.248
		G8104	PER 4.236, A 4.236
		G8105A	PER MOT 6.354-II ALFIN
		G8107A	PER 26.63 ALFIN
34.92 x 85.80	P 35101	35101	FOR THAMES
34.92 x 88.00	P 28101	28101	BED 103
		28109	BED 103-II NATURAL GAS ENGINE
34.92 x 90.00	P 28108	28108	BED 104
35.00 x 79.00	P 42663	42663AG	MAZ TM ALFIN GALLERY
35.00 x 80.00	P G1110	G1110A	YAN 2T ALFIN
		G1119A	YAN 3T ALFIN
		G3101	DON 95MM 5R
		G3104	DON 1100 MM
		G3105	DON 95MM 4R
35.00 x 85.00	P 39166	36651A	HIN W06D ALFIN
		36656A	HIN W06E ALFIN
		36653A	HIN W04 DALFIN
		36658A	HIN W04D LATE ALFIN
		39166A	ISU 4BC2 ALFIN
		39180A	ISU 4BE1 ALFIN
		39612A	ISU 4BE1-II ALFIN
		63101A	ALY 6ETI ALFIN
35.00 x 87.50	P 39149	39148A	ISU 6BB1 ALFIN
		39148A-4	ISU 4BB1 ALFIN
		39149A	ISU 6BD1 ALFIN

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
		39149A-4	ISU 4BD1 ALFIN
		39151A	ISU 6BD1-II ALFIN
		39151A-4	ISU 4BD1-II ALFIN
		39182A-4	ISU 4BG1 ALFIN
		39182A	ISU 6BG1 ALFIN
		39184A	ISU 4BD1-III ALFIN
		39184A-6	ISU 6BD1-III ALFIN
		39227A	ISU 4BD1 LATE ALFIN
		39611AG	ISU 4BD2-T ALFIN GALLERY
		39614AG-4	ISU 4BG1-T ALFIN GALLERY
		39614A	ISU 6BG1-T ALFIN
		39616A	ISU 6BF1 ALFIN
		39618A	ISU 4BD1-T ALFIN
		39618-6	ISU 6BD1-T
		39655AG	ISU 4BD2-T LATE ALFIN GALLERY
		39667A	ISU 6BD1-T ALFIN
		42183A	MAZ TF ALFIN
		42184AG	MAZ TF-II ALFIN GALLERY
35.00 x 95.00	P G0109	G0109	KUB KND 180
		G0110	KUB KND 190
		G0115	KUB KND 220
		G0117	KUB KND 250
36.00 x 79.00	P 39181	39181A	ISU 4HF1 ALFIN
		39181A-6	ISU 6HF1 ALFIN
		39187A	ISU 4HF1-II ALFIN
		39187A-6	ISU 6HF1-II ALFIN
		39607-4	ISU 4HE1
		39607A	ISU 6HE1 ALFIN
		39651A	ISU 6HH1 ALFIN
		39653A	ISU 4HG1 ALFIN
		39670AG	ISU 4HL1 ALFIN GALLERY
		39672A	ISU 4HF1 NEW ALFIN
		39676AG	ISU 4HG1-T ALFIN GALLERY
		62102A	TAT 407 TURBO ALFIN
36.00 x 79.00	P 39681	39681AG	ISU 4HJ1 ALFIN GALLERY
36.00 x 82.50	P 29110	29110A	MER OM - 352 ALFIN
36.00 x 86.50	P 39142	39142A	ISU DA-640 ALFIN
36.00 x 88.00	P 43608	43293AG	MIT 4D34T NEW ALFIN GALLERY
		43605A	MIT 4D34T ALFIN
		43605-6	MIT 6D34T
		43608AG	MIT 4D35 ALFIN GALLERY
		43691AG	MIT 4D35 / 4D35T ALFIN GALLERY
		43693A	MIT 4D34T-II ALFIN
		51602AG	HYU D4DA ALFIN GALLERY
36.00 x 89.30	P G1109	G1109	YAN TS 230
36.00 x 89.50	P G1108	G1108	YAN TS 190
36.00 x 90.00	P 44692	44692A	NIS FE6T NEW ALFIN
36.00 x 92.50	P 44261	44261A	NIS FE6T ALFIN
		44344A	NIS FE6T-II ALFIN
		44348A	NIS FE6-TC ALFIN
		44618A	NIS FD46 ALFIN
		44656A	NIS FE6TA ALFIN
		44665AG	NIS FD42 ALFIN GALLERY
		44667A	NIS FE6 ALFIN
36.00 x 94.00	P G3106	G3106	DON 1110 MM
36.00 x 94.50	P 44244	44244A	NIS ND6 ALFIN
		44246A	NIS NE6 ALFIN
36.51 x 90.00	P 28107	28107	BED 107

PISTON PIN LIST

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
37.00 x 84.50	P 46339	36657A	HIN J05C ALFIN
		36657-6	HIN J08C
		46339A	TOY RINO ALFIN
		46700A	TOY NO4C ALFIN
37.00 x 85.00	P 36127	36127A	HIN H07D ALFIN
		36138AG	HIN J08E-II ALFIN GALLERY
		36659AG-4	HIN J05C-T ALFIN GALLERY
		36659AG-5	HIN J07C-T ALFIN GALLERY
		36659AG	HIN J08C-T ALFIN GALLERY
		36660A	HIN W04CT ALFIN
		36661A	HIN W06DT ALFIN
		46381A	TOY S05C-II ALFIN
		46716AG	TOY N04CT ALFIN GALLERY
		63102A	ALY 6DTI ALFIN
38.00 x 80.00	P 39606	39606A	ISU 6SA1 ALFIN
		39662A	ISU PA1 ALFIN
38.00 x 80.00	P 39615	39615AG	ISU 6SA1-T ALFIN GALLERY
38.00 x 80.00	P 39625	39625A	ISU 10PC1 ALFIN
38.00 x 90.00	P 43102	43102A	MIT 6D14 ALFIN
		43104A	MIT 6D15 ALFIN
		43283A	MIT 6D15-II ALFIN
		43289	MIT 6D14.A
		43615A	MIT 6D14-T ALFIN
		43665A	MIT 6D14-T.2A ALFIN
		43668A	MIT 6D14-T-II ALFIN
		G2102	MIT MN 240
38.00 x 90.00	P 43684	43684A	MIT 6D14.3AT ALFIN
		43686A	MIT 6D15-III ALFIN
38.00 x 92.00	P 43675	43675A	MIT 6D15.3AT ALFIN
		43712A	MIT 6D16-III ALFIN
38.00 x 92.50	P 43105	43105A	MIT 6D16 ALFIN
		43223A	MIT 6D16-T ALFIN
		43267A	MIT 6D17-1A ALFIN
		43265A	MIT 6D16-1AT2 ALFIN
		43266A	MIT 6D16-2A ALFIN
		43268A	MIT 6D16-1A ALFIN
		43685AG	MIT 4M50T ALFIN GALLERY
		44320A	NIS NE6T ALFIN
38.00 x 93.00	P 43695	43695AG	MIT 6M61 ALFIN GALLERY
38.00 x 98.00	P G1117	G1117A	YAN TF 300 ALFIN
39.00 x 87.50	P 36652	36652A	HIN H06BT ALFIN
39.00 x 90.00	P 36113	36113A	HIN EH-700 ALFIN
		36124A	HIN H07C NEW ALFIN
		36125A	HIN H07C OLD ALFIN
		36129AG	HIN H07C-T ALFIN GALLERY
		36133A	HIN H06CTI/CTL-II ALFIN
		36135A	HIN H06CTE ALFIN
		36136A	HIN H06CTB ALFIN
		36137AG	HIN H06CTI/CTL-III ALFIN GALLERY
		36655AG	HIN H07C-T-II ALFIN GALLERY
40.00 x 83.00	P 64102	64102A-1	KOM S6D102 ALFIN
		64102A	KOM S6D102 ALFIN
40.00 x 84.00	P 64602	64602A	KOM 4D105 ALFIN
40.00 x 87.00	P 39665	39663AG	ISU 6HE1-T ALFIN GALLERY
		39665AG	ISU 6HK1-TC ALFIN GALLERY
		39677AG	ISU 6HL1-TC ALFIN GALLERY

SIZE (DIA X LENGTH)	TEIKIN PIN NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
		39679AG	ISU 4HK1-TC-III ALFIN GALLERY
		39683AG	ISU 6HE1-T-II ALFIN GALLERY
40.00 x 87.00	P 39671	39244AG	ISU 4HK1-TC ALFIN GALLERY
		39663AG	ISU 6HE1-T ALFIN GALLERY
		39664AG	ISU 4HE1-TC ALFIN GALLERY
		39664AG-6	ISU 6HE1-TC ALFIN GALLERY
		39666AG	ISU 4HE1-T ALFIN GALLERY
		39671AG	ISU 4HK1-TC-II ALFIN GALLERY
40.00 x 95.00	P 43107	43107A	MIT 6DB NEW ALFIN
42.00 x 93.00	P 43305	43305AG	MIT 6M60 ALFIN GALLERY
42.00 x 97.00	P 34137	34137A	FIA 115 ALFIN
		34137A-6	FIA 115 ALFIN
42.00 x 98.00	P 36128	36128A	HIN EM 100 ALFIN
43.00 x 80.00	P 39626	39626A	ISU 10PD1 ALFIN
43.00 x 89.50	P 39623	39623A	ISU 6SD1 ALFIN
45.00 x 97.50	P 39617	39617	ISU DH100
45.00 x 100.00	P 36601	36601A	HIN EB300 ALFIN
45.00 x 108.00	P 43618	43618A	MIT 8DC8 ALFIN
46.00 x 106.00	P 39657	39657A	ISU 6QA1 ALFIN
46.00 x 107.00	P 44236	44236A	NIS PD6 ALFIN
46.00 x 108.00	P 44679	44679A	NIS PD6-T ALFIN
46.00 x 116.00	P 44242	44242A	NIS RD8 ALFIN
		44290A	NIS RF8 ALFIN
		44290A-10	NIS RF10 ALFIN
		44264A	NIS RE8 ALFIN
		44264A-10	NIS RE10 ALFIN
		44330A	NIS PE6-T ALFIN
		44655A	NIS PE6 ALFIN
48.00 x 106.00	P 36112	36112	HIN ED-100
48.00 x 108.00	P 29106	29106A	MER OM - 355 ALFIN
50.00 x 105.00	P 39624	39624A	ISU 6RB1 ALFIN
		43699A	MIT 6D22-T-II ALFIN
50.00 x 105.00	P 43274	43274A	MIT 6D22-T ALFIN
		43614A	MIT 6D22 ALFIN
50.00 x 110.00	P 36650	36650A	HIN EK100 ALFIN
		36654A	HIN EF750 ALFIN
50.00 x 111.50	P 43275	43275A	MIT 8DC91-T ALFIN
50.00 x 112.00	P 43659	43659A	MIT 8DC11 ALFIN
50.00 x 112.00	P 43660	43660A	MIT 8DC9 ALFIN

PISTON RING LIST

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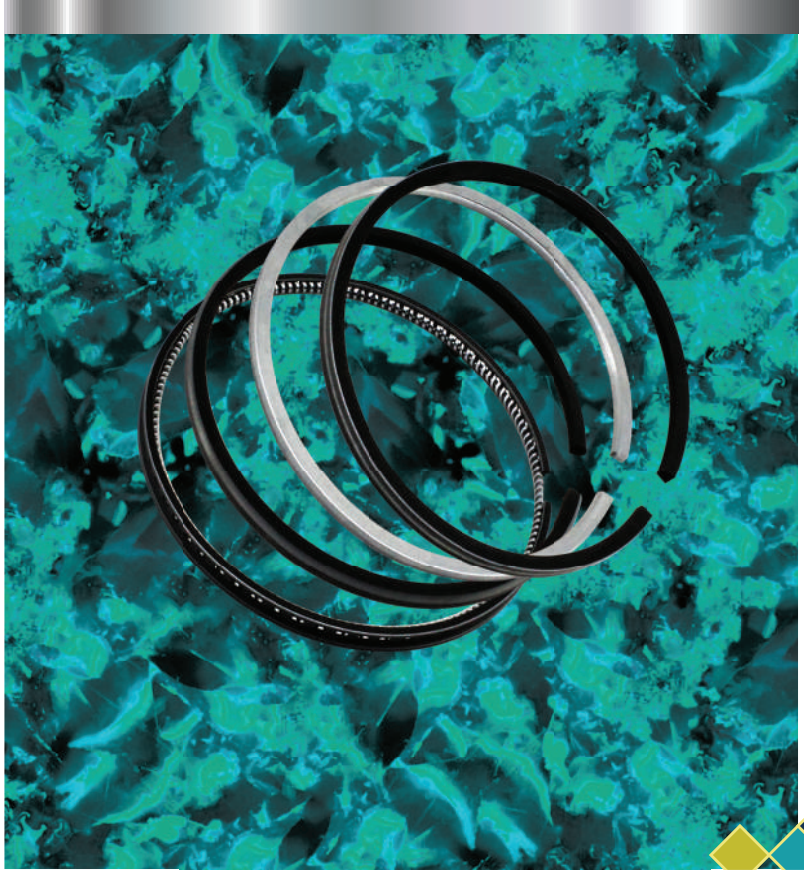

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 28101	2.4	2.4	2.4	4.8	4.8	28101	BED	330, J6, 103
R 29110	3.0 FK	3.0	3.0	5.5	5.5	29110A	MER	911, OM - 352 ALFIN
R 29117	1.8	2.5		4.0		29117	MER	M115.951 / 954
R 29118	3.0	2.0		4.0		29118A	MER	240D ALFIN
R 29119	1.75	2.0		3.5		29119 29121	MER MER	M102.945 M102.980
R 29602	2.5	2.0		3.0		29602A	MER	OM 661 ALFIN
R 29603	2.5	2.0		3.0		29603A	MER	OM 601 ALFIN
R 29604	2.5	2.0		3.0		29604AG	MER	OM 602 TURBO ALFIN GALLERY
R 29605	1.5	1.75		2.5		29605	MER	M272
R 30106	1.2	1.5		3.0		30106	CHE	OPTRA 1.8L
R 30107	1.2	1.5		2.5		30107	CHE	AVEO-III
R 30115	1.0	1.0		2.0		30115	CHE	ONIX 1.4L NF 8V
R 30116	1.0	1.2		2.0		30116	CHE	SPARK 1.25 L
R 30117	1.0	1.2		1.5		30117	CHE	CAPTIVA 3.0 L
R 30118	1.2	1.5		2.0		30118	CHE	CAPTIVA SPORT 2.4L
R 30119	1.2	1.2		2.0		30119	CHE	SONIC 1.6L
R 30130	2.8 FK	2.0		2.0		30130AG	CHE	S10 ALFIN GALLERY
R 30132	1.2	1.5		2.0		30132G	CHE	LTG 2.0L GALLERY
R 31116	1.2	1.5		3.0		31116	CHR	2.4 L
R 32102	2.5	2.0		4.0		32102	DAI	DG
R 32103	2.0	2.0	2.0	4.0		32103	DAI	DG OLD-4R
R 32110	1.5	1.5		2.8		32110	DAI	S-10P
R 32117	1.5	1.5		2.8		32117 32124	DAI DAI	G11 S75
R 32120	2.0 HK	1.5		3.0		32120A 32602A	DAI DAI	CL ALFIN CL-T ALFIN
R 32125	1.2	1.5		3.0		32125	DAI	S89
R 32126	2.5	2.0		4.0		32126 32127 32128A	DAI DAI DAI	DL DL NEW-28 DL NEW-26 ALFIN
R 32139	2.0	2.0	2.0	4.0	4.0	32139	DAI	DV26 5R
R 32146	1.2	1.2		2.0		32146	DAI	KANCIL 850 CC NEW

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 32606	1.2	1.2		2.0		32144 32606 32607	DAI DAI DAI	K3-DE K3-VE-II K3-VE-III
R 33101	1.2	1.5		2.5		33101	CRY	TIGGO
R 33102	1.2	1.0		1.5		33102	CRY	SQRE4T15C
R 34118	2.5	2.5		5.5		34118	FIA	TRACTOR 300, 350, 355
R 34119	1.5	1.5		3.0		34119	FIA	160 A3.000
R 34120	1.5	1.8		3.0		34120	FIA	160 A1.00
R 34122	1.2	1.2		2.5		34122 34123 34124	FIA FIA FIA	FIRE 16V FIRE 8V FIRE FLEX 8V
R 34125	1.2	1.2		2.5		34125 34126 34127	FIA FIA FIA	FIRE 1.3L 8V FIRE 1.3L 16V FIRE FLEX 1.3L 8V
R 34128	1.2	1.2		2.0		34128	FIA	FIRE FLEX 1.4L 8V
R 34129	2.0	1.5		2.0		34129A 34129A-3	FIA FIA	PALIO 1.3L JTD ALFIN PALIO 1.3L JTD ALFIN
R 34130	1.5	1.75		3.0		34130	FIA	SHAHEN
R 34132	1.2	1.2		2.5		34132	FIA	1.6L MOTOR E-TORQUE
R 34133	1.0	1.0		1.5		34133	FIA	1.4L 8V EVO LF
R 34134	1.2	1.2		2.5		34134	FIA	1.8L 16V MOTOR E-TORQUE
R 34135	1.5	2.0		3.95		34135	FIA	REGATA 100S
R 34136	1.5	2.0		3.9		34136	FIA	128-II
R 34139	1.2	1.2		2.0		34139	FIA	DOBLO 1.4L
R 34141	2.5 FK	2.0		2.5		34141AG	FIA	F1AE
R 35102	2.4 HK	2.4		4.8		35102	FOR	2402 E
R 35170	1.6	2.0		4.0		35170 35173	FOR FOR	CVH-LUC CVH, JPA, JPC
R 35172	1.6	2.0		4.0		35172	FOR	KOLN 2V (T88)
R 35181	1.2	1.2		2.5		35181	FOR	AODA/B,CJBA/B,N4JB
R 35196	1.2	1.5		2.0		35196 35197	FOR FOR	1.6 NF 1.6 NF-II
R 35201	2.0	2.0		2.0		35201AG	FOR	2.2L DURATORQ TDCI ALFIN GALLERY
R 35202	2.0	2.0		2.0		35202AG	FOR	2.4L DURATORQ TDCI 16V ALFIN GALLERY
R 35202-5	2.0	2.0		2.0		35202AG-5 35203AG	FOR FOR	2.4L DURATORQ TDCI 16V ALFIN GALLERY 3.2L DURATORQ TDCI ALFIN GALLERY

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 35215	1.2	1.2		2.0		35215 35219	FOR FOR	2.0L ECOBOOST 2.0L ECOBOOST-II
R 35217	1.2	1.2		2.0		35217	FOR	1.6L ECOBOOST
R 35601	2.5 FK	2.0		4.0		35601A	FOR	4A B/ BA / BB / CA / FA ALFIN
R 36101	2.5	2.5	2.5	4.0	4.0	36101	HIN	DM-100
R 36111	2.5	2.5	2.5	4.0	4.0	36111A	HIN	EH-100 ALFIN
R 36113	3.0	2.5	2.5	5.0		36113A 36124A 36125A	HIN HIN HIN	EH-700 ALFIN H07C NEW ALFIN H07C OLD ALFIN
R 36127	3.0	2.0		4.0		36127A	HIN	H07D ALFIN
R 36128	2.8 FK	2.5	3.0	5.0		36128A	HIN	EM 100 ALFIN
R 36129	2.8 FK	2.0	2.0	4.0		36129AG	HIN	H07C-T ALFIN GALLERY
R 36135	3.0 FK	2.5	2.5	5.0		36135A 36136A	HIN HIN	H06CTE ALFIN H06CTB ALFIN
R 36601	3.5	3.5	3.5	6.0		36601A	HIN	EB300 ALFIN
R 36603	2.5	2.5	2.5	4.0	4.0	36603A	HIN	EC100 ALFIN
R 36650	3.3 FK	3.5	3.5	6.0		36650A	HIN	EK100 ALFIN
R 36651	2.5	2.0		5.0		36651A 36656A	HIN HIN	W06D ALFIN W06E ALFIN
R 36652	2.8 HK	2.5	2.5	5.0		36652A	HIN	H06BT ALFIN
R 36653	2.5	2.0		5.0		36653A 36658A	HIN HIN	W04D ALFIN W04D LATE ALFIN
R 36654	1-3.5FK	3.5	3.5	6.0		36654A	HIN	EF750 ALFIN
R 36655	2.8 FK	2.0	2.5	4.0		36655AG	HIN	H07C-T-II ALFIN GALLERY
R 36657	3.0	2.0		4.0		36657A	HIN	J05C ALFIN
R 36657-6	3.0	2.0		4.0		36657A-6	HIN	J08C ALFIN
R 36659	2.5	2.0		4.0		36659AG	HIN	J08C-T ALFIN GALLERY
R 36659-4	2.5	2.0		4.0		36659AG-4	HIN	J05C-T ALFIN GALLERY
R 36659-5	2.5	2.0		4.0		36659AG-5	HIN	J07C-T ALFIN GALLERY
R 36660	3.0 FK	2.5		5.0		36660A	HIN	W04CT ALFIN
R 36661	2.8 FK	2.5		5.0		36661A	HIN	W06DT ALFIN
R 38109	1.5	1.5		4.0		38109	HON	EN
R 38114	1.5	1.5		4.0		38114	HON	EK-1
R 38145	1.2	1.5		2.8		38145	HON	D15B2 / D15B1

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
						38667	HON	D15-II
R 38148	1.2	1.2		2.8		38148	HON	B21A1
R 38149	1.2	1.5		2.8		38149	HON	D16Z6
R 38150	1.2	1.2		2.8		38150 38651 38674	HON HON HON	F18A F22A F22B1
R 38153	1.0	1.2		2.8		38153 38159	HON HON	D16Y8 D15Z1
R 38154	1.2	1.2		2.8		38154 38171	HON HON	B20B4 B20Z2
R 38155	1.0	1.2		2.8		38151 38152 38155 38668 38669	HON HON HON HON HON	B18C1 B18B1 B16A2 B18A1 B18C1-II
R 38156	1.2	1.2		2.8		38156 38157 38158 38184	HON HON HON HON	H22A1 H22A4 H23A1 K24A4-II
R 38166	1.5	1.5		4.0		38112 38166 38600 38605 38650 38663	HON HON HON HON HON HON	ED1 EF1 EV EW-II EM1 D15A3 EW4
R 38168	1.2	1.2		4.0		38168	HON	C27A4
R 38170	1.0	1.2		2.0		38169 38170 38207	HON HON HON	D17A2 D17A1 D16W7
R 38174	1.2	1.2		2.0		38174 38175	HON HON	K24A1 K24A4
R 38176	1.2	1.2		2.8		38176 38177 38192	HON HON HON	J35A1 J35A3 J35A7
R 38178	1.2	1.2		2.8		38178 38195	HON HON	J30A4 J30A
R 38180	1.2	1.2		2.8		38180	HON	F23A1
R 38182	1.0	1.2		2.0		38182 38203 38657	HON HON HON	L15A L15A2 L13A4
R 38183	1.0	1.0		2.0		38183	HON	JAZZ RS
R 38188	1.2	1.2		2.0		38188	HON	K24Z3
R 38189	1.2	1.2		2.5		38189	HON	K24A2

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 38190	1.2	1.2		2.0		38185 38190	HON HON	K20A3 K20A2
R 38191	1.2	1.2		2.0		38191	HON	K24Z2
R 38196	1.2	1.2		2.8		38196	HON	J35Z3
R 38197	1.2	1.0		2.0		38197	HON	ACCORD
R 38199	1.2	1.2		2.8		38199	HON	K20A5
R 38202	1.2	1.5		2.8		38202	HON	D16Y8-II
R 38205	1.2	1.0		2.0		38205	HON	K24Z7
R 38206	1.2	1.0		2.0		38206	HON	K24Y2
R 38602	1.5	1.5		4.0		38602 38604 38655	HON HON HON	ES ES-II ES1
R 38603	1.2	1.2		2.8		38603	HON	EW
R 38606	1.2	1.5		2.8		38173 38606 38665	HON HON HON	D16A6-II D16A D16A-II
R 38654	1.5	1.5		4.0		38129 38654	HON HON	BS / A20A1 A20A BS-II
R 38656	1.2	1.5		4.0		38187 38656	HON HON	D15B-II D15
R 38658	3.0 FK	2.0		3.0		38658A	HON	20T2N/20T2 TURBO ALFIN
R 38659	1.2	1.2		2.0		38186 38208 38659	HON HON HON	R20A R16A R18A1/A2
R 38660	1.2	1.5		2.8		38660 38664	HON HON	B20A5 B20A3
R 38661	2.0 FK	2.0		3.0		38661AG	HON	N22A1/N22A2 ALFIN GALLERY
R 38662	1.2	1.2		2.8		38662	HON	C32A
R 38670	1.5	1.5		2.8		38670	HON	EB5
R 39104	2.0	2.0		4.0		39104 39628	ISU ISU	G161Z G161Z-II
R 39110	2.0	2.0		4.0		39110 39208 39654	ISU ISU ISU	G180Z G180SR G180Z-II
R 39119	1.5	1.5		4.0		39119	ISU	G200Z
R 39125	2.0	2.0	2.0	5.0		39125A 39127A	ISU ISU	C-240 OLD ALFIN C-190 ALFIN

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 39128	2.5	2.0		5.0		39128A 39621A	ISU ISU	C-190-3R ALFIN C-240 ALFIN
R 39130	2.0	2.0		4.0		39130A	ISU	C-223 ALFIN
R 39137	2.5	2.5	2.5	5.0		39137	ISU	DA-120-4R
R 39137-4	2.5	2.5	2.5	5.0		39137-4	ISU	DA220
R 39142	2.5	2.5	2.5	5.0		39142A	ISU	DA-640 ALFIN
R 39148	3.0	2.5		5.0		39148A 39149A 39151A 39184-6 39618-6 39667A	ISU ISU ISU ISU ISU ISU	6BB1 ALFIN 6BD1 ALFIN 6BD1-II ALFIN 6BD1-III 6BD1-T 6BD1-T ALFIN
R 39157	2.5	2.0		4.0		39157A 39183A	ISU ISU	4FC1 ALFIN 4FB1 ALFIN
R 39159	2.0	2.0		4.0		39159A	ISU	4FD1 ALFIN
R 39160	3.0	2.5		5.0		39160A	ISU	4BA1 ALFIN
R 39162	2.0	2.0		4.0		39162A 39163A 39188A 39190A 39231A 39656A 39658A	ISU ISU ISU ISU ISU ISU ISU	4JA1 ALFIN 4JB1 ALFIN 4JB1-T ALFIN 4JB1-T LATE ALFIN 4JA1T NEW ALFIN 4JB1 LATE ALFIN 4JA1 LATE ALFIN
R 39165	3.0	2.5		5.0		39148A-4 39149A-4 39151A-4 39165A 39166A 39184A 39227A 39611AG 39618A	ISU ISU ISU ISU ISU ISU ISU ISU ISU	4BB1 ALFIN 4BD1 ALFIN 4BD1-II ALFIN 4BC1 ALFIN 4BC2 ALFIN 4BD1-III ALFIN 4BD1 LATE ALFIN 4BD2-T ALFIN GALLERY 4BD1-T ALFIN
R 39170	2.0	1.5		3.0		39170A 39179A	ISU ISU	4EC1 OLD ALFIN 4EC1 TURBO ALFIN
R 39175	1.5	1.5		4.0		39175	ISU	4ZC1
R 39176	1.5	1.5		4.0		39176 39228	ISU ISU	4ZD1 4ZD1-II
R 39180	3.0	2.5		5.0		39180A 39612A	ISU ISU	4BE1 ALFIN 4BE1-II ALFIN
R 39181	3.0	2.5		4.0		39181A 39187A	ISU ISU	4HF1 ALFIN 4HF1-II ALFIN
R 39181-6	3.0	2.5		4.0		39181A-6 39187A-6	ISU ISU	6HF1 ALFIN 6HF1-II ALFIN
R 39182-4	3.0	2.5		4.0		39182A-4	ISU	4BG1 ALFIN

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 39182	3.0	2.5		4.0		39182A	ISU	6BG1 ALFIN
R 39185	1.5	1.5		4.0		39185 39604	ISU ISU	4ZE1 4ZE1-II
R 39186	1.5	1.5		4.0		39186	ISU	6VD1
R 39189	2.0	1.5		3.0		39189A 39668A	ISU ISU	4EE1-T ALFIN 4EE1 ALFIN
R 39209	1.2	1.2		3.0		39209 39210	ISU ISU	4XE1W 4XE1V
R 39211	1.5	1.5		3.0		39211 39229 39233	ISU ISU ISU	X22SE X20SE LUV
R 39226	2.0	2.0		4.0		39226	ISU	G200Z-II
R 39230	1.2	1.5		2.5		39230	ISU	X22SE-II
R 39232	2.5	2.0		3.0		39232AG	ISU	4JH1-TC ALFIN GALLERY
R 39245	2.0 HK	1.5		3.0		39245AG	ISU	4JK1-TCS/ 4JK1-TCX ALFIN GALLERY
R 39600	2.5	2.0		4.0		39600A 39608AG 39660AG	ISU ISU ISU	4JG2 EARLY ALFIN 4JG2-T ALFIN GALLERY 4JG2-T NEW ALFIN GALLERY
R 39601	2.5	2.0		4.5		39601A	ISU	C-223 OLD ALFIN
R 39602	2.0	2.0		4.0		39602A	ISU	4FG1 ALFIN
R 39603	1.2	1.2		2.8		39603	ISU	4XC1
R 39605	1.5	1.5		4.0		39605	ISU	4ZA1
R 39606	3.0	2.5		4.0		39606A 39615AG	ISU ISU	6SA1 ALFIN 6SA1-T ALFIN GALLERY
R 39607-4	3.0	2.5		4.0		39607-4	ISU	4HE1
R 39607	3.0	2.5		4.0		39607A	ISU	6HE1 ALFIN
R 39609	2.5	2.0		4.0		39609A	ISU	C-223-T ALFIN
R 39614-4	3.5	2.5		4.0		39614AG-4	ISU	4BG1-T ALFIN GALLERY
R 39614	3.5	2.5		4.0		39614AG	ISU	6BG1-T ALFIN GALLERY
R 39616	3.0	2.5		5.0		39616A	ISU	6BF1 ALFIN
R 39617	3.0	3.0	3.0	6.0		39617	ISU	DH100
R 39620	2.0	2.0	2.0	5.0	5.0	39620	ISU	C-221-II
R 39623	3.5	2.5		5.0		39623A	ISU	6SD1 ALFIN
R 39624	4.0	2.5		5.0		39624A	ISU	6RB1 ALFIN

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 39625	3.0	2.5		4.0		39625A	ISU	10PC1 ALFIN
R 39626	4.0	2.5		4.0		39626A	ISU	10PD1 ALFIN
R 39651	3.5	2.5		4.0		39651A 39682AG	ISU ISU	6HH1 ALFIN 6HH1-T ALFIN GALLERY
R 39653	3.0 HK	2.5		4.0		39244AG 39653A 39671AG 39676AG 39679AG 39681AG	ISU ISU ISU ISU ISU ISU	4HK1-TC ALFIN GALLERY 4HG1 ALFIN 4HK1-TC-II ALFIN GALLERY 4HG1-T ALFIN GALLERY 4HK1-TC-III ALFIN GALLERY 4HJ1 ALFIN GALLERY
R 39655	3.0	2.0		4.0		39655AG	ISU	4BD2-T LATE ALFIN GALLERY
R 39657	3.0	2.5		6.0		39657A	ISU	6QA1 ALFIN
R 39659	1.5	1.5		2.8		39659	ISU	4XC1-IV
R 39661	2.5 FK	2.0		4.0		39661AG	ISU	4JX1 ALFIN GALLERY
R 39662	3.0	2.5		6.0		39662A	ISU	PA1 ALFIN
R 39663	3.9 FK	3.0	2.5	3.0		39663AG 39683AG	ISU ISU	6HE1-T ALFIN GALLERY 6HE1-T-II ALFIN GALLERY
R 39664	3.0 HK	2.0	1.2	3.0		39664AG 39664AG-6	ISU ISU	4HE1-TC ALFIN GALLERY 6HE1-TC ALFIN GALLERY
R 39665	2.95 HK	2.0	2.5	3.0		39665AG	ISU	6HK1-TC ALFIN GALLERY
R 39666	3.0 HK	2.5		4.0		39666AG	ISU	4HE1-T ALFIN GALLERY
R 39669	2.5 FK	2.0		4.0		39669AG	ISU	4JG2-T-II ALFIN GALLERY
R 39670	3.0	2.0		3.0		39670AG	ISU	4HL1 ALFIN GALLERY
R 39672	3.0 HK	2.5		4.0		39672A	ISU	4HF1 NEW ALFIN
R 39673	1.5	1.5		3.0		39243 39673	ISU ISU	6VD1-IV 6VE1-II
R 39674	2.0 HK	1.5		3.0		39674AG 39675AG	ISU ISU	4JJ1-TC CRDI ALFIN GALLERY 4JK1-TC ALFIN GALLERY
R 39677	3.0 FK	2.5		3.0		39677AG	ISU	6HL1-TC ALFIN GALLERY
R 39684	2.0	2.0	2.0	4.0		39684	ISU	C 2.2
R 39687	2.0 HK	2.0		3.0		39687AG	ISU	4JJ1-TC CRDi-II ALFIN GALLERY
R 42107	2.5	2.0		4.5		42107G	MAZ	SL GALLERY
R 42108	2.0	2.0		4.0		42108	MAZ	PB
R 42127	1.2	1.5		3.0		42127 42217 42660	MAZ MAZ MAZ	B3 B3-III B3-II
R 42131	1.5	2.0		4.0		42131	MAZ	E3

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
						42196	MAZ	E5-II
R 42132	1.2	1.5		4.0		42132	MAZ	E5 NEW
						42652	MAZ	E3-II
R 42141	1.5	1.5		4.0		42141	MAZ	NA OLD
						42669	MAZ	VB
R 42142	1.2	1.5		4.0		42142	MAZ	NA NEW - II
R 42146	1.2	1.5		4.0		42146	MAZ	MA
R 42149	2.4	2.4		4.8		42149A	MAZ	HA ALFIN
						42609	MAZ	HA-II
R 42150	2.4	2.4	2.4	4.8	4.8	42150	MAZ	XB
R 42150-6	2.4	2.4	2.4	4.8	4.8	42150-6	MAZ	ZB OLD
R 42152	2.0	2.0		4.0		42152	MAZ	VC OLD
R 42157	1.5	1.5		4.0		42157	MAZ	FE
						42164	MAZ	F2
						42168	MAZ	F8
						42192	MAZ	F2-II
						42206	MAZ	FE-VII
						42218	MAZ	FE-VIII
						42602	MAZ	FE-III
						42603	MAZ	FE-IV
						42678	MAZ	F2T
R 42159	1.5	1.5		4.0		42159	MAZ	F6
R 42163	1.5	1.5		4.0		42163	MAZ	G6
R 42165	1.5	1.5		3.0		42165	MAZ	BP05
						42200	MAZ	BP-II
						42208	MAZ	BP-III
						42661	MAZ	BP
R 42166	1.2	1.5		3.0		42166	MAZ	FS
						42202	MAZ	FP
R 42167	2.0	2.0		4.0		42167A	MAZ	R2 ALFIN
						42671A	MAZ	RF-II ALFIN
R 42170	1.5	1.2		4.0		42140	MAZ	NA NEW
						42170	MAZ	VC NEW
R 42171	1.5	1.5		4.0		42171	MAZ	B6
						42653	MAZ	B5
						42662	MAZ	B6-T
R 42172	1.5	1.5		3.0		42172	MAZ	B6 - II
						42668	MAZ	B6ZE
R 42173	1.0	1.2		2.5		42173	MAZ	Z5
R 42174	2.4	2.4		4.75		42174A	MAZ	S2 ALFIN
						42606	MAZ	S5
						42659	MAZ	XA-II

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 42179	2.4	2.4		4.8		42179A	MAZ	ZB ALFIN
R 42184	2.5 HK	2.0		4.5		42183A 42184AG	MAZ MAZ	TF ALFIN TF-II ALFIN GALLERY
R 42185	2.5	2.0		3.0		42185AG 42186A	MAZ MAZ	WL-T ALFIN GALLERY WL ALFIN
R 42193	1.5	1.5		4.0		42193	MAZ	FE-II
R 42198	2.85 FK	2.4		4.0		42198A	MAZ	SS K2700 ALFIN
R 42203	1.5	2.0		4.0		42203	MAZ	MA-IV
R 42207	1.2	1.5		2.5		42207	MAZ	AJ
R 42210	1.2	1.2		2.5		42205 42209 42210 42216 42684	MAZ MAZ MAZ MAZ MAZ	L3 L3-II LF LF-II LF-III
R 42211	1.2	1.2		2.5		42211	MAZ	Z6
R 42212	2.0	1.5		2.0		42212AG	MAZ	MZ-DE ALFIN GALLERY
R 42213	2.0	1.5		2.0		42213AG	MAZ	MZR-CD ALFIN GALLERY
R 42214	1.2	1.5		3.0		42214 42672	MAZ MAZ	ZM ZL-VE
R 42215	2.5	2.0		3.0		42215AG	MAZ	W9 ALFIN GALLERY
R 42219	1.2	1.2		2.5		42219	MAZ	MZR 1.5L
R 42220	1.0	1.0		2.0		42220	MAZ	SKYACTIV-G
R 42221	1.5	1.5		2.0		42221	MAZ	MZR 2.3L
R 42222	1.5	1.5		2.0		42222	MAZ	L3-III
R 42223	1.0	1.0		2.0		42223	MAZ	SKYACTIV-G 2.5L
R 42224	1.0	1.0		2.0		42224	MAZ	SKYACTIV-G 1.5L
R 42225	1.0	1.0		2.0		42225	MAS	SKYACTIV-G-II
R 42226	2.0	1.5		2.0		42226AG	MAZ	SKYACTIV-D ALFIN GALLERY
R 42600	1.5	1.5		4.0		42600	MAZ	UC
R 42601	2.0	1.5		3.0		42601	MAZ	PN
R 42605	2.4	2.4	2.4	4.8	4.8	42605	MAZ	XA
R 42607	1.5	1.5		4.0		42607	MAZ	TC LATE
R 42610	2.0 HK	2.0		3.0		42610AG	MAZ	RF ALFIN GALLERY
R 42611	2.0	2.0		3.0		42611AG	MAZ	R2 LATE ALFIN GALLERY

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
						42674AG 42675AG	MAZ MAZ	R2 NEW ALFIN GALLERY RF7 ALFIN GALLERY
R 42612	2.0	2.0		4.5		42612	MAZ	VA
R 42613	2.5	2.0		4.5		42613AG 42685AG	MAZ MAZ	SL-T ALFIN GALLERY SLT T3500T ALFIN GALLERY
R 42651	2.0	2.0		4.0		42651 42670	MAZ MAZ	TC TC-II
R 42655	1.5	1.5		4.0		42655	MAZ	JE
R 42656	2.0	2.0		4.0		42656	MAZ	TB
R 42657	2.0	2.0		3.0		42657A	MAZ	JS K2700 ALFIN
R 42658	2.4	2.4		4.0		42658A	MAZ	SF K2400 ALFIN
R 42663	3.0 HK	2.0		3.0		42663AG	MAZ	TM ALFIN GALLERY
R 42664	1.5	1.5		3.0		42664	MAZ	KL
R 42665	1.5	1.5		3.0		42665	MAZ	KF
R 42676	1.2	1.2		2.5		42676	MAZ	L8
R 42677	2.5 HK	2.0		4.5		42677A	MAS	SL-IV ALFIN
R 42679	1.2	1.2		2.5		42679	MAZ	ZJ
R 42680	1.2	1.2		2.5		42680	MAZ	L5-VE
R 43102	3.0 HK	2.5		5.0		43102A 43289 43615A 43668A	MIT MIT MIT MIT	6D14 ALFIN 6D14.A 6D14-T ALFIN 6D14-T-II ALFIN
R 43104	3.0 HK	2.5		5.0		43104A 43283A 43686A	MIT MIT MIT	6D15 ALFIN 6D15-II ALFIN 6D15-III ALFIN
R 43105	3.0	2.5		4.0		43105A 43266A 43267A 43712A	MIT MIT MIT MIT	6D16 ALFIN 6D16-2A ALFIN 6D17-1A ALFIN 6D16-III ALFIN
R 43107	3.5	2.5	2.5	5.0		43107A	MIT	6DB NEW ALFIN
R 43115	3.0 HK	2.0		5.0		43115 43115N	MIT MIT	6DS7 6DS7 NEW
R 43132N	2.0	2.0		4.0		43132 43132N 43224 43656	MIT MIT MIT MIT	4G32 4G32 NEW 4G32-III G32S
R 43137	1.5	1.5		4.0		43137 43606	MIT MIT	4G33 4G36
R 43143	2.0	2.0		4.0		43144	MIT	4G41R NEW

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 43148	2.0	2.0		4.0		43148	MIT	4G52
R 43151	2.0	2.0		4.0		43151	MIT	4G53 OLD
R 43153	2.0	2.0		4.0		43153 43654	MIT MIT	4G54 G54B-II
R 43154	2.0	2.0		4.0		43154	MIT	4G62
R 43157	2.5 HK	2.0	2.0	4.5		43157 43609	MIT MIT	4DR5 4DR51/4DR5 LATE
R 43157-6	2.5 HK	2.0	2.0	4.5.		43157-6	MIT	6DR5
R 43166	3.0 HK	2.0		5.0		43164A 43166A 43168A 43617A	MIT MIT MIT MIT	4D30 OLD ALFIN 4D30 ALFIN 4D31 / 4D31T ALFIN 4D31 T ALFIN
R 43168-6	3.0 HK	2.0		5.0		43168A-6	MIT	6D31 / 6D31T ALFIN
R 43170	2.8 FK	2.0		4.0		43170A 43280A 43605A 43619A 43666A 43293AG 43693A	MIT MIT MIT MIT MIT MIT MIT	4D34 ALFIN 4D36 ALFIN 4D34T ALFIN 4D32 LATE ALFIN 4D32 NEW ALFIN 4D34T NEW ALFIN GALLERY 4D34T-II ALFIN
R 43171	2.5	2.0		4.0		43171A 43285 43291A	MIT MIT MIT	4D55 / 4D56 ALFIN 4D56-II 4D56 LATE ALFIN
R 43173	2.5 HK	2.0 HK		4.0		43173A 43661A 43242AG 43672AG 43678AG 43709AG	MIT MIT MIT MIT MIT MIT	4D56T ALFIN 4D56-T LATE-II ALFIN 4D56-T LATE ALFIN GALLERY 4D55T/4D56T-II ALFIN GALLERY 4D56T CRDi ALFIN GALLERY 4D55T / 4D56T ALFIN GALLERY
R 43176	1.5	1.5		2.5		43176	MIT	2G23
R 43187	1.5	1.5		4.0		43187 43272	MIT MIT	G15B G15B-II
R 43195	1.5	1.5		4.0		43195 43219	MIT MIT	G37B 4G37
R 43207	2.0	2.0		4.0		43155 43207	MIT MIT	4G63 OLD G63B
R 43216	1.2	1.5		3.0		43216	MIT	4G17
R 43217	1.2	1.5		3.0		43217	MIT	4G15
R 43218	1.5	1.5		4.0		43218	MIT	6G72
R 43220	1.2	1.5		3.0		43220 43235 43249	MIT MIT MIT	6G72 NEW 6G72-T 6G72H

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
						43278	MIT	6G72-II
						43667	MIT	6G72-IV
						43669	MIT	6G72-III
R 43221	1.5	1.5		4.0		43221	MIT	4G32-M
R 43222	1.2	1.5		3.0		43222	MIT	4G63-P
						43226	MIT	4G63DK
						43231	MIT	4G63D
						43234	MIT	4G63D-T
						43261	MIT	4G63K
						43676	MIT	G63DH
R 43223	2.8 FK	2.5		4.0		43223A	MIT	6D16-T ALFIN
						43305AG	MIT	6M60 ALFIN GALLERY
R 43225	1.2	1.5		2.8		43225	MIT	4G64S
						43270	MIT	4G64-II
						43307	MIT	4G64-IV
R 43227	3.0 HK	2.0		4.0		43227A	MIT	4D32 ALFIN
R 43228	1.2	1.5		3.0		43228	MIT	4G64
R 43229	2.0 HK	2.0 HK		4.0		43229A	MIT	4D65T ALFIN
						43241A	MIT	4D65T OLD ALFIN
						43264A	MIT	4D65 ALFIN
						43286A	MIT	4D65-II ALFIN
R 43232	2.3 FK	2.0		4.0		43232AG	MIT	4M40-T ALFIN GALLERY
						43610A	MIT	4DR7 ALFIN
						43673A	MIT	4M40 ALFIN
R 43233	1.5	1.5		4.0		43233	MIT	G54B, RWD
						43273	MIT	G54BT
						43292	MIT	4G54C
R 43244	3.0	2.0		4.0		43244A	MIT	4D33 ALFIN
						43299A	MIT	4D33-III ALFIN
R 43247	1.5	1.5		3.0		43247	MIT	6G74
						43271	MIT	6G74-II
						43284	MIT	6G74-III
R 43248	1.2	1.5		2.8		43248	MIT	4G15-II
R 43250	1.2	1.5		3.0		43250	MIT	4G61
R 43257	1.5	1.5		4.0		43257	MIT	4G13-II
						43652	MIT	4G13-III
R 43258	1.5	1.5		4.0		43258	MIT	4G64N
R 43263	1.2	1.5		3.0		43263	MIT	6G73
R 43275	3.5 FK	3.0	3.0	4.0		43275A	MIT	8DC91-T ALFIN
R 43279	1.2	1.5		2.8		43279	MIT	4G63N
R 43281	1.2	1.2		2.5		43281	MIT	4G18

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 43282	1.2	1.5		2.8		43282	MIT	4G13-IV
R 43287	1.2	1.2		2.0		43287	MIT	4G69
R 43288	1.2	1.2		2.5		43288	MIT	4G94
R 43290	1.2	1.2		2.0		43290	MIT	6G75
R 43294	1.2	1.5		3.0		43294	MIT	6G72-V
R 43296	1.0	1.2		2.0		43296 43296-4	MIT MIT	3A92 4A92
R 43297	1.2	1.0		2.0		43297	MIT	6B31
R 43300	2.5 HK	2.0 HK		3.0		43300AG	MIT	4D56T CRDi-II ALFIN GALLERY
R 43301	2.0 HK	1.5		2.0		43301AG	MIT	4N15 ALFIN GALLERY
R 43308	1.2	1.2		2.0		43308	MIT	4G63
R 43600	1.2	1.5		3.0		43600	MIT	4G13
R 43605-6	3.0 FK	2.0		4.0		43605A-6 43701AG	MIT MIT	6D34T ALFIN 6D34.2AT ALFIN GALLERY
R 43607	1.5	1.5		4.0		43607	MIT	4G12
R 43608	3.0	2.5		4.0		43608AG	MIT	4D35 ALFIN GALLERY
R 43612	2.0 HK	2.0 HK		3.0		43612AG	MIT	4D68T ALFIN GALLERY
R 43613	2.0 HK	2.0		3.0		43613A	MIT	4D68 ALFIN
R 43614	3.5 FK	3.0		6.0		43614A 43699A	MIT MIT	6D22 ALFIN 6D22-T-II ALFIN
R 43659	3.3 HK	3.0	3.0	4.0		43659A	MIT	8DC11 ALFIN
R 43660	3.3 FK	3.0	3.0	6.0		43660A	MIT	8DC9 ALFIN
R 43663	2.5 FK	1.5		3.0		43663AG	MIT	4M41-T ALFIN GALLERY
R 43664	3.0 HK	2.0		4.0		43664A	MIT	4D31-T LATE ALFIN
R 43664-6	3.0 HK	2.0		4.0		43664A-6	MIT	6D31-T LATE ALFIN
R 43665	3.0	2.5		4.0		43665A	MIT	6D14-T.2A ALFIN
R 43670	2.3 FK	2.0		3.0		43670AG 43681AG 43710AG	MIT MIT MIT	4M40-T-II ALFIN GALLERY 4M42-0AT ALFIN GALLERY 4M40-II ALFIN GALLERY
R 43674	3.0	2.0		3.0		43674A	MIT	4M51 ALFIN
R 43675	2.8 FK	2.5		4.0		43675A	MIT	6D15.3AT ALFIN
R 43677	1.2	1.2		2.8		43677	MIT	6A12
R 43680	1.0	1.2		2.5		43680	MIT	4A31

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 43683	3.0	2.0		4.0		43683AG 43711A	MIT MIT	4M51T ALFIN GALLERY 4M51-II ALFIN
R 43684	2.8 FK	2.5		4.0		43684A	MIT	6D14.3AT ALFIN
R 43685	3.0 FK	2.0		4.0		43685AG	MIT	4M50T ALFIN GALLERY
R 43687	2.5	2.0		4.0		43687	MIT	4DQ5
R 43688	3.0 HK	2.0		5.0		43688	MIT	S4E2
R 43691	3.0	2.0		4.0		43691AG	MIT	4D35 / 4D35T ALFIN GALLERY
R 43692	1.2	1.2		2.0		43692	MIT	4B11
R 43694	1.2	1.2		2.0		43694	MIT	4B12
R 43695	3.0	2.0		4.0		43695AG	MIT	6M61 ALFIN GALLERY
R 43696-3	1.2	0.8		2.0		43696-3	MIT	3A91
R 43696	1.2	0.8		2.0		43696	MIT	4A91
R 44102	2.0	2.0		4.0		44102 44256	NIS NIS	A12 1970 A10
R 44109	2.0	2.0		4.0		44109 44322	NIS NIS	A14S, A14 A14-II
R 44114	1.2	2.0		4.0		44114	NIS	A15S, A15
R 44121	2.0	2.0		4.0		44121 44690	NIS NIS	J15, J16 QG16DE
R 44122	1.5	1.5		4.0		44122	NIS	E10S, E10
R 44125	1.5	1.5		4.0		44125 44259 44355 44611	NIS NIS NIS NIS	E15S, E15 E16i E15-III E13
R 44160	2.0	2.0		4.0		44160	NIS	L24/L26
R 44166	2.0	2.0		4.0		44166 44167 44305	NIS NIS NIS	L18 NEW 1970 L18 OLD L20B
R 44176	2.0	2.0		4.0		44176A 44263A	NIS NIS	LD20 ALFIN LD20-II ALFIN
R 44186	1.5	1.5		4.0		44186	NIS	CA16
R 44190	1.5	1.5		4.0		44190	NIS	CA18
R 44193	1.5	1.5		4.0		44193 44663	NIS NIS	CA20 CA20-III
R 44196	2.0	2.5		4.0		44196 44608	NIS NIS	H20, H20P H20-II

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 44210	2.5	2.0	2.0	4.5	4.5	44210A	NIS	SD22 ALFIN
R 44210-6	2.5	2.0	2.0	4.5	4.5	44210A-6	NIS	SD33 ALFIN
R 44215	2.5	2.0		4.5		44215A 44622A	NIS NIS	SD23 / SD25 ALFIN SD23/25-II ALFIN
R 44224	1.5	1.5		4.0		44224 44227	NIS NIS	Z20 Z20S
R 44230	1.5	1.5		4.0		44230 44278	NIS NIS	Z22S Z22
R 44232	2.0	1.5		4.0		44232	NIS	Z24, Z24i
R 44235	2.5	2.5		4.8		44235	NIS	P680
R 44236	5.0	3.5		5.0		44236A	NIS	PD6 ALFIN
R 44242	4.0	3.0		6.0		44242A	NIS	RD8 ALFIN
R 44244	4.0	3.0		5.0		44244A	NIS	ND6 ALFIN
R 44246	3.0 HK	2.5		4.0		44246A	NIS	NE6 ALFIN
R 44255	2.5	2.0		4.0		44255A 44666A	NIS NIS	TD25 ALFIN TD25 LATE ALFIN
R 44258	1.5	1.5		2.8		44258 44260 44306 44371 44688	NIS NIS NIS NIS NIS	GA16i, GA16DS GA16DE GA16DS-II, GA16S QG16DE-II QG16
R 44261	3.0 HK	2.0		4.0		44261A	NIS	FE6T ALFIN
R 44262	1.75	2.0		3.0		44262A	NIS	CD17 ALFIN
R 44264	3.0	3.0		5.0		44264A 44264A-10	NIS NIS	RE8 ALFIN RE10 ALFIN
R 44265	1.5	2.0		4.0		44265	NIS	J18
R 44266	2.5	2.0		4.0		44266A 44291	NIS NIS	TD23 ALFIN SD22-II
R 44267	2.5	2.0		4.0		44267A 44619AG	NIS NIS	TD27 ALFIN BD30 ALFIN GALLERY
R 44267-6	2.5	2.0		4.0		44267A-6	NIS	TD42 ALFIN
R 44269	2.0	2.0		4.0		44269 44283 44662	NIS NIS NIS	Z16 L16-II/L26-II L16-III
R 44269-6	2.0	2.0		4.0		44283-6	NIS	L24-II/L26-II
R 44271	1.5	1.5		2.8		44271 44272 44321 44675	NIS NIS NIS NIS	KA24E KA24E-II KA24DE K21

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
						44676	NIS	K25
R 44273	1.2	1.2		2.5		44273 44325	NIS NIS	VQ30DE VQ30DE-II
R 44274	1.5	1.5		2.8		44274	NIS	VG33E
R 44275	1.5	1.5		2.8		44275 44276 44277	NIS NIS NIS	VG30E VG30DE VG30i / VG30E OLD
R 44279	1.5	1.5		2.8		44279	NIS	CA20-II
R 44290	2.5	2.5		4.0		44290A	NIS	RF8 ALFIN
R 44295	2.0	2.0		3.0		44295A	NIS	LD23 ALFIN
R 44296	2.5 HK	2.0		3.0		44296AG 44654AG 44672AG	NIS NIS NIS	TD27-T - II ALFIN GALLERY BD30T ALFIN GALLERY ZD30 ALFIN GALLERY
R 44297	2.5	2.0		3.0		44297A	NIS	QD32 ALFIN
R 44316	1.5	1.5		4.0		44316	NIS	Z24-II
R 44323	3.0 HK	2.0		4.5		44323A 44657A	NIS NIS	FD6T ALFIN FD6T-II ALFIN
R 44326	1.2	1.5		3.0		44326	NIS	CG13DE
R 44328	1.2	1.2		2.5		44328 44338 44342 44343 44707 44708	NIS NIS NIS NIS NIS NIS	QR25DE KA24DE-IV QR20DE QR25DE-III K21-II K25-II
R 44330	4.0 HK	3.5		6.0		44330A	NIS	PE6-T ALFIN
R 44331	1.2	1.2		2.5		44331	NIS	VQ35DE-II
R 44333	1.2	1.2		2.5		44333 44682	NIS NIS	QG18DE-II QG18DE
R 44335	1.5	2.0		4.0		44335	NIS	L28S
R 44336	1.5	2.0		4.0		44336	NIS	L24S
R 44339	1.2	1.2		2.0		44339 44345 44365	NIS NIS NIS	HR15DE HR16DE HR16DE-III
R 44340	1.2	1.2		2.0		44340 44350	NIS NIS	MR18DE MR20DE
R 44341	1.2	1.2		2.5		44332 44341	NIS NIS	VQ35DE VQ40DE
R 44347	2.0	1.5		4.0		44347 44347-4	NIS NIS	TB45DE/TB48DE TB45DE/TB48DE

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 44348	2.6 HK	2.0		3.0		44348A	NIS	FE6-TC ALFIN
R 44349	1.2	1.2		2.0		44349	NIS	QR25DE-IV
R 44351	1.2	1.2		2.0		44351	NIS	HR12DE
R 44358	1.2	1.0		2.0		44358	NIS	MRA8DE
R 44362	1.2	1.0		2.0		44362G	NIS	MR16DDT GALLERY
R 44363	2.0 HK	1.75		2.0		44363AG	NIS	R9M ALFIN GALLERY
R 44366	1.2	1.2		2.5		44366	NIS	VK56VD
R 44367	2.5 HK	2.0		3.0		44367AG	NIS	TD42T-II ALFIN GALLERY
R 44369	1.2	1.5		2.0		44369A	NIS	HRA2DDT ALFIN
R 44600	1.5	1.5		2.8		44600 44650	NIS NIS	MA10 MA10-II
R 44601	1.5	1.5		3.0		44601 44652	NIS NIS	SR20DE SR20DE-II
R 44602	2.0	2.0		3.0		44602A	NIS	CD20 ALFIN
R 44603	2.5 HK	2.0		4.0		44603A	NIS	SD33T ALFIN
R 44604	1.5	1.5		4.0		44604	NIS	NA20
R 44605	3.0	2.0		4.5		44605A 44698A	NIS NIS	ED33 ALFIN FD33 ALFIN
R 44606	2.0	2.0		4.0		44606 44623AG	NIS NIS	RD28 RD28-T ALFIN GALLERY
R 44609	1.5	1.5		2.8		44609 44704	NIS NIS	GA13 MA12S
R 44610	1.5	1.5		2.8		44610 44614 44669 44691	NIS NIS NIS NIS	GA15DS GA14DS GA14 QG15
R 44615	1.5	1.5		4.0		44615	NIS	NA16S
R 44616	2.0	2.0		4.0		44616	NIS	L28
R 44617	1.5	1.5		4.0		44617	NIS	L24E
R 44618	3.0	2.0		4.0		44618A 44665AG	NIS NIS	FD46 ALFIN FD42 ALFIN GALLERY
R 44620	2.0	2.0		4.0		44620A	NIS	FD35 ALFIN
R 44621	2.5 HK	2.0		4.0		44621AG 44674AG	NIS NIS	TD27-T ALFIN GALLERY TD27-T NEW ALFIN GALLERY
R 44621-6	2.5 HK	2.0		4.0		44621AG-6	NIS	TD42-T ALFIN GALLERY
R 44624	2.0	2.0		4.0		44624AG	NIS	LD20-T ALFIN GALLERY

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 44625	2.0	2.0		4.0		44625A	NIS	LD28 ALFIN
R 44629	3.1 HK	2.0		4.5		44629A	NIS	FD33-T ALFIN
R 44630	2.5	2.0		3.0		44630A	NIS	TD27-LATE ALFIN
R 44630-6	2.5	2.0		3.0		44630A-6	NIS	TD42-LATE ALFIN
R 44653	1.5	1.5		2.8		44653	NIS	RB20E
R 44655	4.0 FK	3.5		6.0		44655A	NIS	PE6 ALFIN
R 44656	2.5 HK	2.0		4.0		44344A 44656A 44692A	NIS NIS NIS	FE6T-II ALFIN FE6TA ALFIN FE6T NEW ALFIN
R 44658	3.0 HK	2.0	2.0	4.5		44658A	NIS	FD6T-III ALFIN
R 44659	3.0 HK	2.0		4.0		44659A	NIS	FD35-T ALFIN
R 44660	2.0	2.0		4.0		44660	NIS	TB42/ E/ S
R 44661	1.5	1.5		2.8		44661	NIS	CA18ET
R 44664	1.5	1.5		2.8		44664	NIS	RB30E
R 44667	3.0	2.0		4.0		44667A	NIS	FE6 ALFIN
R 44670	3.0	2.0	2.0	4.5		44670	NIS	ED30
R 44671	2.0 HK	2.0		3.0		44364AG 44671AG 44684AG 44686AG	NIS NIS NIS NIS	YD25DDTi-II ALFIN GALLERY YD25TDI ALFIN GALLERY YD25TDI NEW ALFIN GALLERY YD25DDTI ALFIN GALLERY
R 44673	2.5 HK	2.0		2.0		44673AG 44678AG	NIS NIS	ZD30 LATE ALFIN GALLERY ZD30DDTI ALFIN GALLERY
R 44677	1.2	1.2		2.5		44677	NIS	QG15DE
R 44679	4.0 FK	3.5		5.0		44679A	NIS	PD6-T ALFIN
R 44680	1.5	1.5		2.5		44680	NIS	VK56DE
R 44681	2.0 HK	2.0		3.0		44681AG	NIS	CD20-T ALFIN GALLERY
R 44683	2.6 HK	2.0		3.0		44683AG	NIS	QD32TI ALFIN GALLERY
R 44684	2.0 HK	2.0		3.0		44684AG	NIS	YD25TDI NEW ALFIN GALLERY
R 44685	2.0 HK	2.0		3.0		44685AG 44697AG	NIS NIS	YD22DDT/ETI ALFIN GALLERY YD22DDT/DDTI ALFIN GALLERY
R 44687	1.2	1.5		3.0		44327 44687	NIS NIS	CG10DE CG13DE-II
R 44689	1.2	1.2		2.5		44689 44693	NIS NIS	VQ20 VQ20-II
R 44694	3.0	2.0		4.0		44694A	NIS	ED35 ALFIN

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 44695	1.5	1.5		3.0		44695	NIS	GA16DE-III
R 44696	2.0 HK	2.0		4.0		44696AG	NIS	RD28TI NEW ALFIN GALLERY
R 44699	2.0	2.5		4.0		44699	NIS	H25
R 44702	2.0	1.2		2.0		44702AG	NIS	ZD30DD ALFIN GALLERY
R 44705	1.2	1.2		2.0		44705	NIS	CR12DE
R 45114-3	1.5	1.5		2.8		45114-3	SUZ	F5A
R 45114	1.5	1.5		2.8		45114 45652	SUZ SUZ	F8A, ST90, LJ80 F8A
R 45117	1.5	1.5		2.8		45117	SUZ	F10A, ST100, SJ410
R 45122	1.5	1.5		2.8		45122	SUZ	SS80
R 45123	1.2	1.5		2.8		45123	SUZ	SL413
R 45124	1.2	1.5		2.8		45124 45127 45601	SUZ SUZ SUZ	G16KV G16A, G16KC SWIFT 1.6
R 45125	1.2	1.5		2.8		45125 45126	SUZ SUZ	G10 NEW, G10A G10
R 45128	1.2	1.5		2.8		45126-4 45128 45650 45653 45654	SUZ SUZ SUZ SUZ SUZ	G13 G13B G13-II G13BB G13B-II
R 45131	1.2	1.5		2.5		45131	SUZ	H25A
R 45132	1.2	1.2		2.5		45132 45144	SUZ SUZ	VITARA G16B-II
R 45133	1.2	1.5		2.5		45133	SUZ	J20A
R 45134	1.2	1.5		2.5		45134	SUZ	H20A
R 45135	1.2	1.2		2.5		45135	SUZ	STEAM 1.3L
R 45136	1.0	1.2		2.0		45136	SUZ	ALTO
R 45137	1.2	1.5		2.8		45137	SUZ	H27
R 45138	1.2	1.5		2.5		45138	SUZ	F6A
R 45139	1.2	1.0		2.0		45139	SUZ	J24B
R 45141	1.0	1.2		2.0		45141	SUZ	K12A
R 45142	1.2	1.5		2.8		45142	SUZ	H27-II
R 45143	1.2	1.2		2.5		45143	SUZ	M15A
R 45145	1.0	1.2		2.0		45145	SUZ	K10B

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 45146	1.2	1.5		2.5		45146-3 45146	SUZ SUZ	ALTO LXI WAGON R
R 45147	1.2	1.2		2.5		45147 45150	SUZ SUZ	SX4 J20A-II
R 45149	1.2	1.2		2.5		45149	SUZ	G15A
R 45152	1.2	1.0		2.0		45152	SUZ	J20B
R 45153	1.2	1.2		2.5		45153	SUZ	G16KV-II
R 45161	1.0	1.2		2.0		45161	SUZ	K14B-II
R 45162	1.0	1.2		2.0		45162	SUZ	K12B
R 45655	1.2	1.2		2.5		45655	SUZ	G13-Y58
R 45656	1.2	1.2		2.5		45656 45657	SUZ SUZ	M13A M15A-II
R 46103	2.0	2.0		4.0		46103	TOY	3K
R 46105	1.5	1.5		4.0		46105	TOY	4K , 4KU
R 46107	1.5	1.5		4.0		46107 46116 46259 46335	TOY TOY TOY TOY	5K 1S 7K 5K-II
R 46112	2.0 HK	2.0		4.0		46112A	TOY	1C ALFIN
R 46118	1.5	1.5		4.0		46118 46119 46120	TOY TOY TOY	1Y 2Y 3Y
R 46122	1.5	1.5		4.0		46122	TOY	4Y
R 46124	2.5 HK	2.5		4.5		46124A 46287A	TOY TOY	B, BU-30 ALFIN 11B ALFIN
R 46127	2.5 HK	2.5		4.5		46127	TOY	2B
R 46128	2.5 HK	2.5		4.5		46128A	TOY	3B ALFIN
R 46130	2.5	2.5		4.5		46130A	TOY	13B ALFIN
R 46132	3.0	3.0		4.0		46132	TOY	F, FA-90
R 46136	2.0	2.5		4.0		46136 46623	TOY TOY	2F 2F-II
R 46138	1.5	1.5		4.0		46138	TOY	3F
R 46141	1.5	1.5		3.0		46141 46274 46345	TOY TOY TOY	2E 3E, 3EE 2E-II
R 46163	1.5	1.5		2.8		46163 46658	TOY TOY	3A, 3AU 1A

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 46175	2.0	2.5		4.0		46175 46177	TOY TOY	5R OLD 5R NEW
R 46187	2.0	2.0		4.0		46187	TOY	12R, 12RU
R 46189	2.0	2.5		4.0		46189 46294 46659	TOY TOY TOY	18R, 18RC, 18RB 20R 20R-II
R 46199	1.5	2.0		4.0		46199	TOY	21R, 21RC
R 46201	2.0	2.5		4.0		46201	TOY	22R
R 46202	1.5	1.5		4.0		46202	TOY	22R-E
R 45169	1.0	1.2		2.0		45169	SUZ	K15B-III
R 46207	2.0	2.0		4.0		46207 46338 46619	TOY TOY TOY	2T, 2T-B 2T/2TB 2TC
R 46211	1.5	1.5		4.0		46211 46218 46662	TOY TOY TOY	2T, 2T-U 3T, 3T-U, 13T-U 13T
R 46226	2.5 HK	2.5		4.0		46226A 46226A-6	TOY TOY	2J ALFIN H NEW ALFIN
R 46231	2.5 HK	2.5		4.0		46231A 46611A	TOY TOY	2H ALFIN 2H LATE ALFIN
R 46234	2.5	2.0		4.0		46234	TOY	L OLD, LN30
R 46236	2.0 HK	2.0		4.0		46236 46238	TOY TOY	L NEW, LN50 L NEW-II
R 46240	2.0 HK	2.0		4.0		46240A 46261A 46351A 46389AG 46600AG 46602A	TOY TOY TOY TOY TOY TOY	2L ALFIN 2L-II, 2L LATE ALFIN 2LT NEW-II ALFIN 2LT NEW ALFIN GALLERY 2LT LATE ALFIN GALLERY 2L-T, 2L-THE, 2L-TE ALFIN
R 46242	3.0	3.0	3.0	5.0	5.0	46242	TOY	2D OLD
R 46244	3.0 HK	2.5	2.5	5.0		46244	TOY	2D NEW
R 46254	2.5 HK	2.0		4.0		46254A 46622A	TOY TOY	14B ALFIN 3B-II ALFIN
R 46255	1.5	1.5		4.0		46255 46621 46667	TOY TOY TOY	3SFE 3SFE-III 3SFE-IV
R 46256	2.0 HK	2.0		4.0		46256A	TOY	3L ALFIN
R 46257	2.0 HK	2.0		4.0		46257A 46268A 46325A 46362AG	TOY TOY TOY TOY	1HZ, 1PZ ALFIN 1HD-T LATE ALFIN 1HD-T-II ALFIN 1HD-FT ALFIN GALLERY

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 46258	1.2	1.2		3.0		46258 46346	TOY TOY	5E-FE 4E-FE-II
R 46260	1.75 HK	2.0		3.0		46260A	TOY	2C ALFIN
R 46262	1.2	1.5		3.0		46262 46266 46277 46664	TOY TOY TOY TOY	4AFE, 4AG 4AFE-II, 4AG 7AFE 4A-GEU - VVT
R 46267	1.5	1.5		4.0		46267	TOY	21R-II
R 46269	1.5	1.5		2.8		46269 46310 46349 46618	TOY TOY TOY TOY	4AC/ 4AELU 4AGE, 4AGELC 4A-GEU-II 4AGE
R 46270	2.0	2.0		4.0		46270	TOY	1FZ-FE
R 46271	1.5	1.5		3.0		46271	TOY	4AFE-III
R 46272	2.0	2.0		4.0		46272-4 46272	TOY TOY	3F NEW, 3FE 3F NEW, 3FE
R 46273	2.0 HK	1.5		4.0		46273AG	TOY	5L ALFIN GALLERY
R 46275	1.5	1.5		4.0		46275 46280 46632	TOY TOY TOY	7MGTE, 7MGTEU 7MGE, 7MG 5MGEU
R 46276	1.5 HK	1.5		3.0		46276A	TOY	1N ALFIN
R 46278	2.0 HK	2.0		3.0		46264A 46278A 46374A 46684 46629AG 46695AG	TOY TOY TOY TOY TOY TOY	2C-II, 2CT LATE ALFIN 2C-T ALFIN 2C-IV ALFIN 1DZ NEW 3C ALFIN GALLERY 2CT-III ALFIN GALLERY
R 46279	1.5	1.5		4.0		46279	TOY	5SFE
R 46281	1.5	1.5		4.0		46281 46606	TOY TOY	3VZ-FE 3VZE
R 46282	1.75	2.0		4.0		46282 46372	TOY TOY	1FZ-FE-II 1FZ-FE-III
R 46283	2.0 HK	2.0		3.0		46283AG 46671AG	TOY TOY	1KZ-TE, 1KZ ALFIN GALLERY 1KZ-TE NEW ALFIN GALLERY
R 46286	1.2	1.5		2.8		46286	TOY	4 A-GEU
R 46288	1.2	1.2		3.0		46288	TOY	1MZFE
R 46289	1.5	1.5		4.0		46289 46376	TOY TOY	4SFI 4SFI-II
R 46290	1.5	1.5		3.0		46290	TOY	5AF
R 46300	1.75	1.5		4.0		46300	TOY	1RZ

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
						46359	TOY	1RZ-III
R 46308	2.5 HK	2.5	2.5	4.5		46308	TOY	BU-30-II
R 46309	1.2	1.2		3.0		46309	TOY	5SFE-II
R 46311	1.5	1.5		4.0		46311 46312	TOY TOY	2RZ-FE 3RZ-FE, 3RZ-FZ
R 46313	1.75	1.5		4.0		46313 46375 46607 46694	TOY TOY TOY TOY	2TZ-FE 2RZ-FE-III 2RZ, 2RZE 3RZ-F
R 46316	2.5 HK	2.5		4.5		46316	TOY	H-II
R 46330	1.5	1.5		4.0		46330 46352	TOY TOY	2JZGE 2JZGE-II
R 46334	1.2	1.2		3.0		46334 46342 46367	TOY TOY TOY	1ZZFE 4ZZFE 3ZZ-FE
R 46337	1.5	1.5		4.0		46337 46716AG	TOY TOY	2UZFE N04CT ALFIN GALLERY
R 46339	2.5	2.0		4.0		46339A	TOY	RINO ALFIN
R 46340	1.2	1.2		3.0		46340	TOY	2ZZFE
R 46343	1.2	1.2		2.0		46343	TOY	2AZFE
R 46347	1.2	1.5		3.0		46347	TOY	5AFE NEW
R 46348	2.0	1.5		3.0		46348AG	TOY	2KD - FTV ALFIN GALLERY
R 46350	1.2	1.2		3.0		46350	TOY	1UZFE-II
R 46353	1.2	1.2		2.0		46353	TOY	1AZFE
R 46354	1.2	1.2		3.0		46354	TOY	2NZ-FE
R 46356	1.2	1.2		2.0		46356 46361	TOY TOY	3SZ-VE K3-VE
R 46357	1.2	1.2		3.0		46357	TOY	3MZFE
R 46358	1.5	1.5		4.0		46358	TOY	7K-II
R 46360	1.2	1.2		2.0		46360 46414	TOY TOY	2TR-FE 2TR-FE-II
R 46363	1.2	1.2		2.0		46363 46363-4 46396	TOY TOY TOY	2GR-FE 2GR-FE 2GR-FSE
R 46364	1.2	1.2		2.0		46332 46355 46364 46416	TOY TOY TOY TOY	1NZFE 2NZ-FE-II 1NZFE-II 2NZ-FE-III

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 46365	1.2	1.2		2.0		46365	TOY	1AZ-FSE
R 46366	1.2	1.2		2.0		46366	TOY	1TR-FE
R 46368	1.2	1.2		2.0		46368 46703	TOY TOY	1GR-FE 1GR-FE-II
R 46369	2.5 HK	2.5	2.5	4.0		46369	TOY	2J-III
R 46370	1.0	1.2		2.0		46370	TOY	1NZ-FXE
R 46371	1.0	1.2		1.5		46371	TOY	1NZFE-III
R 46377	1.2	1.2		3.0		46377	TOY	1G-FE
R 46379	1.0	1.0		2.0		46379 46417	TOY TOY	2AZFE-II 2AZFE-IV
R 46381	2.5	2.0		4.0		46381A	TOY	S05C-II ALFIN
R 46382	1.0	1.0		1.5		46382 46383 46384 46398	TOY TOY TOY TOY	1ZR-FE 2ZR-FE 3ZR-FE 2ZR-FXE
R 46385	1.2	1.2		2.0		46385	TOY	1SZFE-II
R 46387	1.0	1.0		2.0		46387 46406	TOY TOY	3NR-FE 2NR-FE-II
R 46388	1.2	1.2		2.0		46388	TOY	3UR-FE
R 46391	1.2	1.0		2.0		46391	TOY	2NR-VE
R 46392	2.0 HK	1.5		3.0		46392AG 46393AG 46711AG	TOY TOY TOY	2GD FTV ALFIN GALLERY 1GD-FTV ALFIN GALLERY 2KD-FTV-IV ALFIN GALLERY
R 46395	1.2	1.2		3.0		46395	TOY	2UZ-FE-II
R 46397	1.2	1.2		2.0		46397	TOY	3GR-FSE
R 46422	1.0	1.0		1.5		46422	TOY	2SZ-FE-II
R 46423	1.2	1.2		2.0		46423	TOY	1ZZFE-V
R 46423	1.2	1.2		2.0		46423	TOY	1ZZFE-V
R 46601	2.0 HK	2.0		4.0		46601A 46609A	TOY TOY	2C-III ALFIN 2CT-II ALFIN
R 46603	2.0	2.0		4.0		46603	TOY	2K
R 46604	2.0	2.0		4.0		46604 46687	TOY TOY	2A 2A-II
R 46605	2.0	2.0		4.0		46605	TOY	5M
R 46608	2.5 HK	2.0		4.0		46608A 46626A	TOY TOY	11B-II ALFIN B LATE ALFIN

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 46610	1.5	1.5		4.0		46610 46670	TOY TOY	1GE 1G-EU
R 46612	2.0	2.0		4.0		46612 46615 46651	TOY TOY TOY	4P(High) 3P 4P(Low)
R 46613	2.0	2.0		4.0		46613A	TOY	1Z ALFIN
R 46614	2.0	2.5		4.0		46614	TOY	2R
R 46620	1.2	1.5		4.0		46263 46620 46663 46689	TOY TOY TOY TOY	3SGTE 3SFE-II 3SGE 3SGE-II
R 46624	2.5 HK	2.5		4.0		46624A	TOY	12H-T ALFIN
R 46625	3.0 HK	2.0		4.0		46625A	TOY	14B-T ALFIN
R 46627	1.5	1.5		4.0		46627	TOY	2S
R 46630	2.0 HK	2.0		3.0		46630 46650 46692	TOY TOY TOY	1C-III 1C-II 1C NEW
R 46653	2.0	2.0		4.0		46653	TOY	21R-III
R 46654	2.0 HK	2.0		4.0		46654A	TOY	1DZ ALFIN
R 46655	3.0 HK	2.0		4.0		46655A 46656AG	TOY TOY	15BF ALFIN 15BF-T ALFIN GALLERY
R 46660	1.5	1.5		3.0		46660	TOY	2VZ-FE
R 46661	1.5	1.5		3.0		46661	TOY	1E, 1EL
R 46665	1.5	1.5		3.0		46665	TOY	1UZFE
R 46666	1.5	1.5		4.0		46666	TOY	5VZ-FE
R 46668	2.5 HK	2.5		4.5		46668A	TOY	13B-T ALFIN
R 46674	2.0	1.5		4.0		46674AG	TOY	1HD-FTE ALFIN GALLERY
R 46675	2.0 HK	1.5		3.0		46675AG 46686AG 46698AG 46710AG	TOY TOY TOY TOY	1KD-FTV ALFIN GALLERY 1KD-FTV-II ALFIN GALLERY 1KD-FTV-III ALFIN GALLERY 1KD-FTV-IV ALFIN GALLERY
R 46676	1.5	1.5		3.0		46676AG	TOY	1ND-TV ALFIN GALLERY
R 46677	1.0	1.0		1.5		46677	TOY	1KR-FE
R 46678	2.0	1.5		2.0		46678AG 46679AG 46696AG	TOY TOY TOY	1AD-FTV ALFIN GALLERY 2AD-FHV ALFIN GALLERY 2AD-FTV ALFIN GALLERY
R 46680	2.0	1.5		3.0		46680AG 46690AG	TOY TOY	1CD-FTV ALFIN GALLERY 1CD-FTV-II ALFIN GALLERY

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 46682	2.0	2.0		4.0		46682	TOY	2Z NEW
R 46683	1.2	1.2		2.0		46683	TOY	2SZ-FE
R 46685	2.0	2.0		4.0		46685 46699	TOY TOY	13Z 14Z
R 46688	1.2	1.0		2.0		46688	TOY	3ZR-FE-II
R 46691	2.0	1.5		2.0		46691AG	TOY	1VD-FTV ALFIN GALLERY
R 46697	1.0	1.0		2.0		46693 46697	TOY TOY	2AR-FE 1AR-FE
R 46700	3.0 FK	2.0		4.0		46700A	TOY	N04C ALFIN
R 46701	1.2	1.2		3.0		46373 46701	TOY TOY	3SFE-VII 3S-FE-VI
R 46702	1.0	1.0		1.5		46702	TOY	1NR-FE
R 48101	1.75	2.0		3.0		48101A	VW	ME, JP, JK, DW, CS ALFIN
R 48102	1.75	2.0		4.0		48102	VW	FR/JB, FP WV
R 48107	1.5	1.75		3.0		48107	VW	ET/ZF/EP
R 48110	1.5	1.75		3.0		48110 48600 48604 48609	VW VW VW VW	E-II, ABS KAT, DS, DX PL 4 KAT 1F / ABN / DT / EW AAM/ADF/DS/EX/RP
R 48111	1.2	1.5		2.0		48111 48203 48610 48611A	VW VW VW VW	9A, 9A 4V KAT AEG 2E,ADY,AGG BPY / CBFA/ CCTA ALFIN
R 48112	1.75	2.0		3.5		48112	VW	DJ
R 48204	1.5	1.75		2.0		48204 48205	VW VW	AEB AEB-II
R 48208	1.2	1.5		2.0		48208	VW	BGP/BGQ
R 48209	1.2	1.5		2.5		48209	VW	LUPO
R 48210	1.2	1.5		2.0		48210 48211 48212 48213 48214	VW VW VW VW VW	EA111 RSH EA111 EA111 ALCOOL EA111-II EA111 RSH-II
R 48215	1.2	1.5		2.0		48215	VW	2.0 L LATE
R 48218	1.2	1.5		2.0		48218A	VW	BZB ALFIN
R 48220-3	1.75	2.0		3.0		48220AG-3	VW	POLO ALFIN GALLERY
R 48220	1.75	2.0		3.0		48220AG	VW	VENTO ALFIN GALLERY
R 48221	1.2	1.5		2.0		48221	VW	1.4 TURBO

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER		ENGINE MODEL
	RING GROOVE			OIL				
	1	2	3	1	2			
R 48222	1.75	2.0		3.0		48222AG	VW	2.0 LT TDI ALFIN GALLERY
R 48225	1.2	1.5		2.0		48225	VW	AMX
R 48228	1.2	1.2		2.0		48228	VW	CAXA
R 48229	1.2	1.2		2.0		48229	VW	CZCA
R 48230	1.2	1.2		2.0		48230	VW	CBZB
R 48231	1.2	1.2		2.0		48231	VW	CZDA
R 48232	1.2	1.2		2.0		48232A 48233A	VW VW	CDAB ALFIN CZPA ALFIN
R 48601	1.75	2.0		3.0		48601A	VW	1G / 1V / CY TURBO ALFIN
R 48602	1.75	2.0		3.0		48602A 48603A	VW VW	1X / 1Y / AAB ALFIN AAZ / ABL / ADE TURBO ALFIN
R 48605	1.75	2.0		3.0		48605	VW	2G / AAV / HK
R 48606	1.2	1.5		2.0		48606	VW	ADP / AEK / AFT
R 48607	1.2	1.5		2.5		48607 48608	VW VW	AEA / AEE / AHS / ALM AFH / AFK / AHW
R 48612	1.75	2.0		3.0		48612AG 48226AG	VW VW	ANU/ATD/AVB/AVQ ALFIN GALLERY AXB TURBO ALFIN GALLERY
R 48613	2.5	2.0		3.0		48613A	VW	ACV/ AGX/AHD/AHY ALFIN
R 49101	1.5	1.5		3.0		49101 49103 49105 49107	DAE DAE DAE DAE	LE MANS 1.5 CIELO 1.5 NUBIRA-II NUBIRA-IV
R 49102	1.2	1.5		3.0		30105 49102	CHE DAE	AVEO-II NUBIRA
R 49104	1.2	1.5		2.8		49104	DAE	F8C
R 49106	1.2	1.2		2.5		49106	DAE	MATIZ II
R 51101	1.2	1.2		2.5		51101	HYU	J2 (BETA)
R 51102	2.0	2.0		3.0		51102A 51108A	HYU HYU	D4BB ALFIN D4BA ALFIN
R 51103	3.0 HK	2.0		4.0		51103A 51607A	HYU HYU	D4AF ALFIN D4AF-III ALFIN
R 51104	1.5	1.5		3.0		51104 51119	HYU HYU	G4EK - ALPHA - F1 G4EB
R 51110	1.2	1.5		2.8		51110	HYU	G6BV
R 51111	1.2	1.2		2.5		51111	HYU	G6BV DELTA
R 51112	3.0 FK	2.0		4.0		51112A	HYU	D4AE ALFIN

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 51113	1.2	1.2		2.5		51113	HYU	G6BA
R 51114	1.2	1.5		3.0		51114	HYU	G4DM
R 51115	1.2	1.2		2.5		51115	HYU	1.6L
R 51116	1.2	1.5		3.0		51116	HYU	G4FK
R 51117	1.2	1.2		2.5		51117	HYU	ATOZ
R 51118	1.2	1.5		2.8		51118	HYU	ATOZ-II
R 51120	1.2	1.2		2.5		51120 51127 51131	HYU HYU HYU	G4DR - BETA - J2 - II 2.0L G4GF
R 51121	1.2	1.2		2.0		51121	HYU	XD
R 51123	1.5	1.5		3.0		51123	HYU	XG350
R 51125	1.5	1.5		4.0		51125	HYU	Y2
R 51128	1.2	1.2		2.0		51128	HYU	ATTITUDE
R 51129	1.5	1.5		3.0		51129 51600	HYU HYU	X3-II X3, G4EH
R 51130	1.2	1.5		2.8		51130	HYU	G4JP
R 51132	1.2	1.2		2.0		51132	HYU	SONATA 3.8L
R 51134	1.2	1.5		3.0		51134	HYU	ACCENT 1.5L
R 51135	1.2	1.2		2.0		51135 51161 51164 51613	HYU HYU HYU HYU	SONATA 2.4L G4KC G4KJ 2.4 GDI G4KE / G4KG
R 51136	1.2	1.2		2.0		51136 51149 51176	HYU HYU HYU	AVANTE 1.6L G4FA G4FC-III
R 51138	1.2	1.2		2.0		51124 51138	HYU HYU	DELTA 2.7L SANTA FE
R 51139	1.2	1.2		2.0		51139	HYU	G6DB
R 51140	1.0	1.2		2.0		51140 51156 51157 51612	HYU HYU HYU HYU	KAPPA2 KAPPA 1.25 MPI G4LA-II G4LA
R 51141	1.2	1.2		2.5		51141	HYU	SANTRO XING 1.0
R 51142-3	1.75	1.75		3.0		51142AG-3 51150AG-3	HYU HYU	i20 MAGNA CRDi ALFIN GALLERY D4FA ALFIN GALLERY
R 51142	1.75	1.75		3.0		51142AG 51150AG	HYU HYU	i20 MAGNA CRDi ALFIN GALLERY D4FA ALFIN GALLERY

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 51144	1.2	1.2		2.0		51144 51174A 51621	HYU HYU HYU	G4KD G4KH-II ALFIN G4KA
R 51148	1.0	1.2		2.0		51146 51148 51175	HYU HYU HYU	ELANTRA NU 2.0L G4NA
R 51151	1.2	1.2		2.0		51151	HYU	G4GC
R 51152	1.2	1.2		2.0		51152	HYU	SANTRO XING ERLX 1.1 L
R 51154	1.75	1.75		3.0		51154AG	HYU	D4FB ALFIN GALLERY
R 51155	1.2	1.2		2.0		51145 51155	HYU HYU	G4FC-II G4FJ
R 51160	1.0	1.2		2.0		51160	HYU	G4NC
R 51163	2.5 FK	2.0		3.0		51163AG	HYU	D4HA ALFIN GALLERY
R 51165	1.2	1.5		2.0		51165A	HYU	G4KH ALFIN
R 51167	1.2	1.5		2.0		51167A	HYU	1.6L GDI ALFIN
R 51169	1.2	1.2		2.0		51169	HYU	G6DA-II
R 51173	1.2	1.2		2.0		51173 51177	HYU HYU	G6DG-II G6DC 3.5 MPI
R 51603	2.5 HK	2.0		3.0		51603AG 51608AG 51619AG	HYU HYU HYU	D4CB CRDi ALFIN GALLERY D4CB TCi ALFIN GALLERY D4CB TCi-II ALFIN GALLERY
R 51604	2.0 FK	2.0		3.0		51604A 51604A-4	HYU HYU	D3EA ALFIN D4EA ALFIN
R 51605	2.5 FK	2.0		3.0		51605AG	HYU	D4EB-F/D4EB-G ALFIN GALLERY
R 51606	2.5 HK	2.0 HK		4.0		51606AG	HYU	D4BH ALFIN GALLERY
R 51610	2.0 HK	2.0		3.0		51610AG	HYU	J3TCi ALFIN GALLERY
R 51611	2.5 HK	2.0		3.0		51611AG	HYU	J3TCi-II ALFIN GALLERY
R 51615	1.5	1.5		4.0		51615	HYU	G4DJ
R 52101	1.5	1.5		4.0		52101	KIA	FE
R 52102	1.2	1.2		2.5		52102 52654	KIA KIA	DC A3E
R 52103	1.5	1.5		3.0		52103	KIA	B6D
R 52105	1.2	1.5		2.5		52105	KIA	CARNIVAL
R 52106	1.2	1.2		2.0		52106	KIA	PICANTO
R 52107	2.0 HK	2.0		3.0		52107AG	KIA	CARNIVAL-II ALFIN GALLERY
R 52108	1.5	1.5		3.0		52108	KIA	CREDOS

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 52110	1.2	1.5		3.0		52110	KIA	B1
R 52111	1.2	1.2		2.5		52111	KIA	RIO 1.6L
R 52112	1.2	1.2		2.5		52112	KIA	SPECTRA
R 52114	1.0	1.2		2.0		52114 52114-4	KIA KIA	ION ION
R 52650	2.0	2.0		3.0		52650AG	KIA	RFA ALFIN GALLERY
R 52651	2.0	2.0		3.0		52651AG	KIA	JT 3.0 ALFIN GALLERY
R 52652	2.5	2.0		4.5		52652A	KIA	JD K3500 ALFIN
R 52653	2.0	2.0		3.0		52653G 52656G	KIA KIA	SH K3600 GALLERY SH K3600 NEW-II GALLERY
R 53101	1.2	1.5		2.8		53101	ASI	TOWNER
R 54101	1.5	2.0		3.5		54101	BMW	M 20 B 20 L
R 54102	1.5	1.75		3.0		54102	BMW	M 20 B 25 M1 Z7 KAT
R 55101	1.2	1.5		3.0		55101	SUB	EJ22, EJ22E
R 55102	1.2	1.2		2.5		55102	SUB	EJ20-T
R 55103	1.2	1.5		2.8		55103	SUB	EJ25
R 55104	1.2	1.2		2.5		55104	SUB	EJ25-II
R 55105	1.2	1.2		2.0		55105 55108 55656	SUB SUB SUB	EJ255-T EJ255-II EJ25-III
R 55650	1.2	1.5		2.8		55650 55652	SUB SUB	EF10 EF12
R 55651	2.0	2.0		4.0		55651 55653	SUB SUB	EA71 EA82
R 55654	1.2	1.5		3.0		55654	SUB	EJ20
R 55655	1.5	1.5		3.0		55655	SUB	EJ20-T-II
R 56101	1.5	1.5		4.0		56101	OPE	1300S, 13S
R 56103	1.2	1.5		3.0		56102 56103 56109 56603	OPE OPE OPE OPE	1.6 SE 1.6 SV, 16 SV KAT 1.6 LZ X 1.6 XE / XEL
R 56105	2.0	2.0		4.0		56105	OPE	20E CIH, 20S
R 56107	1.5	1.5		3.0		56107 56108 56112 56601 56604	OPE OPE OPE OPE OPE	C20XE4V KAT 2.0 X C20NE KAT 20 SE, X20 SE KAT C 2.0 XEV

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 56110	1.2	1.5		2.0		56110	OPE	Z 1.4 XE
R 56111	1.2	1.5		2.5		56111	OPE	Z 22 SE
R 56113	1.2	1.2		2.0		56113	OPE	X18XE
R 56600	1.5	1.5		3.0		56600	OPE	14 NV, 14 NVH
R 56605	2.0	1.5		2.0		56605A	OPE	Y 13 DT/Z 13 DT ALFIN
R 56606	2.0	1.5		3.0		56606A	OPE	Y 17 DT/DTL ALFIN
R 56607	1.5	1.5		3.0		56607	OPE	X 1.2 SZ
R 58103	1.2	1.5		2.5		58103	GM	ASTRA
R 58104	1.5	1.5		3.0		58104	GM	CORSA MPFI
R 58111	1.2	1.5		2.5		58111	GM	LLV
R 58118	2.0 FK	2.0		3.0		58118AG	GM	CAPTIVA ALFIN GALLERY
R 58119	1.2	1.2		2.0		58119	GM	1.8L
R 58122	1.2	1.5		2.0		58122	GM	ECOTEC
R 58126	1.2	1.5		2.5		58126	GM	LY7
R 58130	1.2	1.2		2.0		58130	GM	CRUZE
R 58135	1.5	1.5		2.5		58135	GM	ESCALADE
R 58136	1.2	1.2		2.0		58136	GM	N18XFH
R 58139	1.2	1.2		2.0		58139	GM	1.2L
R 59107	1.5	2.0		3.95		59107 59108	LAD LAD	VAZ 2112 21213
R 59109	1.5	2.0		3.95		59109	LAD	VAZ 2105
R 60102	1.5	2.0		3.5		60102	VOL	GAZ 4062.10
R 60103	1.75	2.0		3.5		60103	VOL	405
R 60104	2.0	2.0		5.0		60104	VOL	GAZ 421
R 61601	1.5	1.75		3.0		61601	AUD	AAR / NF / NG
R 62101-2	2.0	2.0		3.0		62101A-2 62104A	TAT TAT	ACE ALFIN ACE-II ALFIN
R 62101	2.0	2.0		3.0		62101A 62104A-4	TAT TAT	INDICA ALFIN INDICA-II ALFIN
R 62105	2.5 FK	2.0		3.0		62105AG	TAT	1.4 DICOR ALFIN GALLERY

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R 62106	1.2	1.5		2.5		62106	TAT	ACE CNG
R 63101	3.0 FK	2.5		3.0		63101A	ALY	6ETI ALFIN
R 63102	3.0 FK	2.5		5.0		63102A	ALY	6DTI ALFIN
R 64101	2.5 FK	2.3 HK		4.0		64101A-1 64101A	KOM KOM	S6D95 ALFIN S6D95 ALFIN
R 64102	2.9 FK	2.4		4.0		64102A-1 64102A	KOM KOM	S6D102 ALFIN S6D102 ALFIN
R 64601	2.0	2.0		4.0		64601A	KOM	4D95 ALFIN
R 64602	3.0	2.5		5.0		64602A	KOM	4D105 ALFIN
R 66101	3.0 FK	2.5		4.0		66101A	MAH	SCORPIO CRD ALFIN
R 66103	3.0 FK	2.5		4.0		66103A	MAH	MDI 3200 ALFIN
R 66104	2.0	2.0		4.0		66104	MAH	XD3P
R 66105	2.0 FK	1.5		2.0		66105A	MAH	MAXIMO ALFIN
R 66106	2.5 FK	2.0		2.5		66106A	MAH	SCORPIO M HAWK ALFIN
R 67106	1.2	1.5		2.5		67106	PEU	TU5JP4
R 67107	1.2	1.5		2.5		67107	PEU	EW10A
R 67108	1.2	1.5		2.0		67108	PEU	EP6C
R 67110	1.2	1.5		2.0		67110	PEU	EP6
R 67600	2.0	2.0		3.0		67600	PEU	DW8
R 69101	2.5 FK	2.0		3.0		69101AG	SSA	ACTYON 2.0L ALFIN GALLERY
R 70101	1.2	1.5		2.0		70101 70102	REN REN	2.0 L 2.0 L-II
R 70103	2.0	2.0		2.5		70103A	REN	K9K ALFIN
R 70104	1.2	1.5		2.5		70104	REN	D4F
R 70109	1.5	1.5		2.5		70109	REN	K7M-III
R 70110	1.0	1.2		2.0		70110	REN	B4D
R 70600	1.5	1.5		2.5		70108 70600 70601	REN REN REN	K4J K4M K7J 710
R 87001	1.2	1.2		2.0		87001	MG	LYX
R 87002	1.0	1.0		2.0		87002	MG	15S4C
R G0135	2.0 HK	1.5		4.0		G0135-1 G0135	KUB KUB	4D78 4D78
R G0137	2.5 HK	2.0		4.5		G0137	KUB	RD 115

PISTON RING LIST

TEIKIN RING NUMBER	SIZE					TEIKIN PISTON NUMBER	ENGINE MODEL	
	RING GROOVE			OIL				
	1	2	3	1	2			
R G0600	2.0 HK	2.0		4.0		G0600A-1 G0600A	KUB KUB	D1503 ALFIN D1503 ALFIN
R G0601	2.0 HK	2.0		4.0		G0601A-1 G0601A	KUB KUB	V2403T ALFIN V2403T ALFIN
R G1102	2.0	2.0	2.0	4.0		G1102 G1604	YAN YAN	TS 60 TS 60-II
R G1103	2.5	2.5	2.5	4.0		G1103 G1605	YAN YAN	TS 70 TS 70-II
R G1104	2.5	2.5	2.5	4.0		G1104 G1601	YAN YAN	TS 105 TS 105-II
R G1105	2.5	2.5	2.5	4.0		G1105	YAN	TS 130
R G1106	2.5	2.5	2.5	4.5		G1106	YAN	TS 155
R G1107	2.5	2.5	2.5	4.0		G1107 G1602	YAN YAN	TS 180 TS 180-II
R G1108	2.5	2.5	2.5	4.5		G1108	YAN	TS 190
R G1116	2.5	2.5	2.5	4.5		G1116	YAN	TF 155
R G1118	2.0	2.0	2.0	4.0		G1118	YAN	TF 55
R G1122	2.5	2.5	2.5	4.5		G1122	YAN	TF 140
R G1606	2.5	2.5	2.5	4.0		G1606	YAN	TF 120
R G4102	2.0	2.0		2.8		G4102	HON	GX 390
R G4103	1.5	1.5		2.5		G4103	HON	GX 160
R G4104	2.0	2.0		2.8		G4104	HON	GX 420
R TSK01	1.75	2.0		3.0		88001A	SKO	1Y / AEY ALFIN

CYLINDER LINERS

CATALOG VOL. 26

CYLINDER LINER LIST

TEIKIN LINER NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
LSF 29106	29106A	MER OM - 355 ALFIN
LSF 29602	29602A	MER OM 661 ALFIN
LSF 29603	29603A	MER OM 601 ALFIN
LSF 29604	29604AG	MER OM602 TURBO ALFIN GALLERY
LFF 32102 LSF 32102	32102 32103	DAI DG DAI DG OLD-4R
LSF 32120 LSX 32120	32120A 32602A	DAI CL ALFIN DAI CL-T ALFIN
LFF 32126 LSF 32126	32126 32127 32128A	DAI DL DAI DL NEW-28 DAI DL NEW-26 ALFIN
LFF 32139 LSF 32139	32139	DAI DV26 5R
LSX 34118	34118	FIA TRACTOR 300, 350, 355
LFF 34122	34122 34123 34124	FIA FIRE 16V FIA FIRE 8V FIA FIRE FLEX 8V
LSF 34129	34129A 34129A-3	FIA PALIO 1.3L JTD ALFIN FIA PALIO 1.3L JTD ALFIN
LSX 35102	35102	FOR 2402 E
LFF 35201 LSF 35201	35201AG	FOR 2.2L DURATORQ TDCI ALFIN GALLERY
LSX 35601	35601A	FOR 4A B/ BA / BB / CA / FA ALFIN
LFF 36101	36101	HIN DM-100
LFF 36111	36111A	HIN EH-100 ALFIN
LFF 36113 LSF 36113	36113A 36124A 36125A 36127A 36129AG 36655AG	HIN EH-700 ALFIN HIN H07C NEW ALFIN HIN H07C OLD ALFIN HIN H07D ALFIN HIN H07C-T ALFIN GALLERY HIN H07C-T-II ALFIN GALLERY
LFF 36128	36128A	HIN EM 100 ALFIN
LFF 36135	36135A 36136A	HIN H06CTE ALFIN HIN H06CTB ALFIN
LFF 36601	36601A	HIN EB300 ALFIN
LFF 36603	36603A	HIN EC100 ALFIN
LFF 36650	36650A	HIN EK100 ALFIN
LFF 36651-4 LSF 36651-4	36653A 36658A	HIN W04D ALFIN HIN W04D LATE ALFIN

TEIKIN LINER NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
	36660A	HIN W04CT ALFIN
LFF 36651	36651A 36656A 36661A	HIN W06D ALFIN HIN W06E ALFIN HIN W06DT ALFIN
LFF 36652	36652A	HIN H06BT ALFIN
LFF 36654	36654A	HIN EF750 ALFIN
LFF 36657	36657A 36659AG-4	HIN J05C ALFIN HIN J05C-T ALFIN GALLERY
LFF 36657-5	36659AG-5	HIN J07C-T ALFIN GALLERY
LFF 36657-6	36659AG 36657A-6	HIN J08C-T ALFIN GALLERY HIN J08C ALFIN
LSF 38658 LSX 38658	38658A	HON 20T2N/20T2 TURBO ALFIN
LSF 38661 LSX 38661	38661AG	HON N22A1/N22A2 ALFIN GALLERY
LSX 39104	39104 39605 39628	ISU G161Z ISU 4ZA1 ISU G161Z-II
LSX 39110	39110 39208 39654	ISU G180Z ISU G180SR ISU G180Z-II
LSX 39119	39119 39226	ISU G200Z ISU G200Z-II
LCF 39125 LSF 39125	39125A 39127A 39621A	ISU C-240 OLD ALFIN ISU C-190 ALFIN ISU C-240 ALFIN
LCF 39128 LSF 39128	39128A	ISU C-190-3R ALFIN
LCF 39130 LSF 39130	39130A 39601A 39609A	ISU C-223 ALFIN ISU C-223 OLD ALFIN ISU C-223-T ALFIN
LFF 39137-4	39137-4	ISU DA220
LFF 39137	39137	ISU DA-120-4R
LFF 39142	39142A	ISU DA-640 ALFIN
LCF 39148 LSF 39148	39148A 39149A 39151A 39184A-6 39667A	ISU 6BB1 ALFIN ISU 6BD1 ALFIN ISU 6BD1-II ALFIN ISU 6BD1-III ALFIN ISU 6BD1-T ALFIN
LSF 39157 LSX 39157	39157A 39183A	ISU 4FC1 ALFIN ISU 4FB1 ALFIN

CYLINDER LINER LIST

TEIKIN LINER NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
LSF 39159 LSX 39159	39159A	ISU 4FD1 ALFIN
LCF 39160 LSF 39160	39160A	ISU 4BA1 ALFIN
LCF 39162 LSF 39162	39162A 39231A 39658A	ISU 4JA1 ALFIN ISU 4JA1T NEW ALFIN ISU 4JA1 LATE ALFIN
LCF 39163 LFF 39163 LSF 39163	39163A 39188A 39190A 39656A	ISU 4JB1 ALFIN ISU 4JB1-T ALFIN ISU 4JB1-T LATE ALFIN ISU 4JB1 LATE ALFIN
LCF 39165 LFF 39165 LSF 39165	39165A 39166A	ISU 4BC1 ALFIN ISU 4BC2 ALFIN
LSF 39170 LSX 39170	39170A 39179A	ISU 4EC1 OLD ALFIN ISU 4EC1 TURBO ALFIN
LSX 39176	39176 39228	ISU 4ZD1 ISU 4ZD1-II
LCF 39180	39180A 39612A	ISU 4BE1 ALFIN ISU 4BE1-II ALFIN
LFF 39181 LSF 39181	39181A 39187A 39672A	ISU 4HF1 ALFIN ISU 4HF1-II ALFIN ISU 4HF1 NEW ALFIN
LFF 39181-6 LSF 39181-6	39181A-6 39187A-6	ISU 6HF1 ALFIN ISU 6HF1-II ALFIN
LCF 39182-4 LFF 39182-4	39182A-4 39614AG-4	ISU 4BG1 ALFIN ISU 4BG1-T ALFIN GALLERY
LCF 39182 LFF 39182	39182A 39614AG 39616A	ISU 6BG1 ALFIN ISU 6BG1-T ALFIN GALLERY ISU 6BF1 ALFIN
LSX 39185	39185 39604	ISU 4ZE1 ISU 4ZE1-II
LSX 39186	39186	ISU 6VD1
LSF 39189 LSX 39189	39189A 39668A	ISU 4EE1-T ALFIN ISU 4EE1 ALFIN
LSX 39211	39211 39233	ISU X22SE ISU LUV
LCF 39227 LFF 39227 LSF 39227	39148A-4 39149A-4 39151A-4 39227A 39611AG 39618A 39655AG	ISU 4BB1 ALFIN ISU 4BD1 ALFIN ISU 4BD1-II ALFIN ISU 4BD1 LATE ALFIN ISU 4BD2-T ALFIN GALLERY ISU 4BD1-T ALFIN ISU 4BD2-T LATE ALFIN GALLERY

TEIKIN LINER NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
LCF 39227-6 LFF 39227-6 LSF 39227-6	39618-6	ISU 6BD1-T
LCF 39232 LSF 39232	39232AG 39600A 39608AG 39660AG 39669AG	ISU 4JH1-TC ALFIN GALLERY ISU 4JG2 EARLY ALFIN ISU 4JG2-T ALFIN GALLERY ISU 4JG2-T NEW ALFIN GALLERY ISU 4JG2-T-II ALFIN GALLERY
LFX 39602 LSF 39602 LSX 39602	39602A	ISU 4FG1 ALFIN
LFF 39606	39606A 39615AG	ISU 6SA1 ALFIN ISU 6SA1-T ALFIN GALLERY
LFF 39607-4 LSF 39607-4	39664AG 39607-4	ISU 4HE1-TC ALFIN GALLERY ISU 4HE1
LFF 39607 LSF 39607	39607A 39663AG 39664AG-6 39683AG	ISU 6HE1 ALFIN ISU 6HE1-T ALFIN GALLERY ISU 6HE1-TC ALFIN GALLERY ISU 6HE1-T-II ALFIN GALLERY
LFF 39617	39617	ISU DH100
LCF 39620	39620	ISU C-221-II
LFF 39623	39623A	ISU 6SD1 ALFIN
LFF 39624	39624A	ISU 6RB1 ALFIN
LFF 39625	39625A	ISU 10PC1 ALFIN
LFF 39626	39626A	ISU 10PD1 ALFIN
LFF 39651 LSF 39651	39651A 39665AG 39677AG 39682AG	ISU 6HH1 ALFIN ISU 6HK1-TC ALFIN GALLERY ISU 6HL1-TC ALFIN GALLERY ISU 6HH1-T ALFIN GALLERY
LFF 39653 LSF 39653	39653A 39676AG	ISU 4HG1 ALFIN ISU 4HG1-T ALFIN GALLERY
LFF 39657	39657A	ISU 6QA1 ALFIN
LFF 39661 LSF 39661 LSX 39661	39245AG 39661AG 39674AG 39675AG 39687AG	ISU 4JK1-TCS/ 4JK1-TCX ALFIN GALLERY ISU 4JX1 ALFIN GALLERY ISU 4JJ1-TC CRDI ALFIN GALLERY ISU 4JK1-TC ALFIN GALLERY ISU 4JJ1-TC CRDi-II ALFIN GALLERY
LFF 39662	39662A	ISU PA1 ALFIN
LFF 39666 LSF 39666	39666AG	ISU 4HE1-T ALFIN GALLERY
LFF 39670 LSF 39670	39670AG	ISU 4HL1 ALFIN GALLERY

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TEIKIN LINER NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
LFF 39671 LSF 39671	39244AG 39671AG 39679AG	ISU 4HK1-TC ALFIN GALLERY ISU 4HK1-TC-II ALFIN GALLERY ISU 4HK1-TC-III ALFIN GALLERY
LFF 39681 LSF 39681	39681AG	ISU 4HJ1 ALFIN GALLERY
LSF 39684 LSX 39684	39684	ISU C 2.2
LFF 42107 LSF 42107	42107G 42613AG 42677A 42685AG	MAZ SL GALLERY MAZ SL-T ALFIN GALLERY MAZ SL-IV ALFIN MAZ SLT T3500T ALFIN GALLERY
LFF 42108	42108	MAZ PB
LSX 42141	42140 42141 42142 42170 42669	MAZ NA NEW MAZ NA OLD MAZ NA NEW - II MAZ VC NEW MAZ VB
LSX 42146	42146 42152 42203	MAZ MA MAZ VC OLD MAZ MA-IV
LFF 42149 LSF 42149	42149A 42215AG 42609	MAZ HA ALFIN MAZ W9 ALFIN GALLERY MAZ HA-II
LFF 42150 LSF 42150	42150	MAZ XB
LSX 42159	42159	MAZ F6
LSX 42164	42164 42168 42192 42678	MAZ F2 MAZ F8 MAZ F2-II MAZ F2T
LFF 42167 LSF 42167 LSX 42167	42167A 42671A	MAZ R2 ALFIN MAZ RF-II ALFIN
LFF 42174 LSF 42174	42174A	MAZ S2 ALFIN
LFF 42179 LSF 42179	42179A 42150-6	MAZ ZB ALFIN MAZ ZB OLD
LFF 42183 LSF 42183	42183A 42184AG	MAZ TF ALFIN MAZ TF-II ALFIN GALLERY
LFF 42185 LSF 42185	42185AG 42186A 42212AG	MAZ WL-T ALFIN GALLERY MAZ WL ALFIN MAZ MZ-DE ALFIN GALLERY
LFF 42198	42198A	MAZ SS K2700 ALFIN
LSF 42198		
LFF 42213 LSF 42213	42213AG	MAZ MZR-CD ALFIN GALLERY
LSF 42601 LSX 42601 LFX 42601	42601	MAZ PN
LFF 42605 LSF 42605	42605 42606 42659	MAZ XA MAZ S5 MAZ XA-II
LFF 42610 LSF 42610 LSX 42610	42610AG 42611AG 42674AG 42675AG	MAZ RF ALFIN GALLERY MAZ R2 LATE ALFIN GALLERY MAZ R2 NEW ALFIN GALLERY MAZ RF7 ALFIN GALLERY
LFF 42612	42612	MAZ VA
LFF 42656 LFF 42657 LSF 42657	42656 42657A	MAZ TB MAZ JS K2700 ALFIN
LFF 42658 LSF 42658	42658A	MAZ SF K2400 ALFIN
LFF 42663 LSF 42663	42663AG	MAZ TM ALFIN GALLERY
LFF 43102 LSF 43102	43102A 43289 43615A 43665A 43668A	MIT 6D14 ALFIN MIT 6D14.A MIT 6D14-T ALFIN MIT 6D14-T.2A ALFIN MIT 6D14-T-II ALFIN
LFF 43104	43104A 43686A	MIT 6D15 ALFIN MIT 6D15-III ALFIN
LFF 43105 LSF 43105	43105A	MIT 6D16 ALFIN
LFF 43107	43107A	MIT 6DB NEW ALFIN
LFF 43115	43115	MIT 6DS7
LFF 43115N	43115N	MIT 6DS7 NEW
LSX 43137	43137 43606 43607	MIT 4G33 MIT 4G36 MIT 4G12
LSX 43143	43144	MIT 4G41R NEW
LSX 43153	43153 43233 43273 43292 43654	MIT 4G54 MIT G54B, RWD MIT G54BT MIT 4G54C MIT G54B-II

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TEIKIN LINER NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
LSX 43154	43154	MIT 4G62
LSX 43157 LFX 43157	43157 43609	MIT 4DR5 MIT 4DR51/4DR5 LATE
LFX 43157-6 LSX 43157-6	43157-6	MIT 6DR5
LSF 43166 LSX 43166	43164A 43166A	MIT 4D30 OLD ALFIN MIT 4D30 ALFIN
LFX 43168 LSF 43168 LSX 43168	43168A 43664A-6 43617A 43664A	MIT 4D31 / 4D31T ALFIN MIT 6D31-T LATE ALFIN MIT 4D31 T ALFIN MIT 4D31-T LATE ALFIN
LSF 43168-6 LSX 43168-6	43168A-6	MIT 6D31 / 6D31T ALFIN
LFX 43170 LSF 43170 LSX 43170	43170A 43293AG 43605A 43693A	MIT 4D34 ALFIN MIT 4D34T NEW ALFIN GALLERY MIT 4D34T ALFIN MIT 4D34T-II ALFIN
LFX 43171 LSF 43171 LSX 43171	43171A 43173A 43291A 43300AG 43661A 43672AG 43678AG 43709AG	MIT 4D55 / 4D56 ALFIN MIT 4D56T ALFIN MIT 4D56 LATE ALFIN MIT 4D56T CRDiHI ALFIN GALLERY MIT 4D56-T LATE-II ALFIN MIT 4D55T/4D56T-II ALFIN GALLERY MIT 4D56T CRDi ALFIN GALLERY MIT 4D55T / 4D56T ALFIN GALLERY
LSX 43187	43187 43217 43248 43272	MIT G15B MIT 4G15 MIT 4G15-II MIT G15B-II
LSX 43207	43207 43222 43226 43231 43234 43261 43279 43621 43676	MIT G63B MIT 4G63-P MIT 4G63DK MIT 4G63D MIT 4G63D-T MIT 4G63K MIT 4G63N MIT G63B-II MIT G63DH
LSX 43216	43216	MIT 4G17
LSX 43218	43218 43220 43235 43249 43278 43667 43669	MIT 6G72 MIT 6G72 NEW MIT 6G72-T MIT 6G72H MIT 6G72-II MIT 6G72-IV MIT 6G72-III
LSX 43221	43132 43132N	MIT 4G32 MIT 4G32 NEW

TEIKIN LINER NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
	43224 43656 43221	MIT 4G32-III MIT G32S MIT 4G32-M
LFF 43223 LSF 43223	43223A 43712A	MIT 6D16-T ALFIN MIT 6D16-III ALFIN
LFX 43227 LSF 43227 LSX 43227	43227A 43280A 43619A 43666A	MIT 4D32 ALFIN MIT 4D36 ALFIN MIT 4D32 LATE ALFIN MIT 4D32 NEW ALFIN
LSX 43228	43225 43228 43258 43270	MIT 4G64S MIT 4G64 MIT 4G64N MIT 4G64-II
LSF 43229 LSX 43229	43229A 43241A 43264A 43286A	MIT 4D65T ALFIN MIT 4D65T OLD ALFIN MIT 4D65 ALFIN MIT 4D65-II ALFIN
LFX 43232 LSF 43232 LSX 43232	43232AG 43670AG 43673A 43681AG 43710A	MIT 4M40-T ALFIN GALLERY MIT 4M40-T-II ALFIN GALLERY MIT 4M40 ALFIN MIT 4M42-0AT ALFIN GALLERY MIT 4M40-II ALFIN
LFX 43244 LSF 43244 LSX 43244	43244A 43299A	MIT 4D33 ALFIN MIT 4D33-III ALFIN
LSX 43257	43257 43600 43652	MIT 4G13-II MIT 4G13 MIT 4G13-III
LFF 43267	43267A 43695AG	MIT 6D17-1A ALFIN MIT 6M61 ALFIN GALLERY
LFF 43275	43275A 43660A	MIT 8DC91-T ALFIN MIT 8DC9 ALFIN
LFF 43283	43283A	MIT 6D15-II ALFIN
LSF 43301 LSX 43301	43301AG	MIT 4N15 ALFIN GALLERY
LFF 43305	43305AG	MIT 6M60 ALFIN GALLERY
LSF 43605-6 LSX 43605-6	43605A-6 43701AG	MIT 6D34T ALFIN MIT 6D34.2AT ALFIN GALLERY
LFX 43608 LSF 43608 LSX 43608	43608AG 43691AG	MIT 4D35 ALFIN GALLERY MIT 4D35 / 4D35T ALFIN GALLERY
LFX 43610 LSX 43610	43610A	MIT 4DR7 ALFIN
LFX 43612 LSF 43612	43612AG 43613A	MIT 4D68T ALFIN GALLERY MIT 4D68 ALFIN

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TEIKIN LINER NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
LSX 43612		
LFF 43614	43614A 43699A	MIT 6D22 ALFIN MIT 6D22-T-II ALFIN
LFF 43618	43618A	MIT 8DC8 ALFIN
LSX 43655	43655A	MIT S4E ALFIN
LSX 43655-6	43655-6	MIT S6E
LFF 43659	43659A	MIT 8DC11 ALFIN
LSF 43663 LSX 43663	43663AG	MIT 4M41-T ALFIN GALLERY
LSF 43674 LSX 43674	43674A 43683AG 43711A	MIT 4M51 ALFIN MIT 4M51T ALFIN GALLERY MIT 4M51-II
LFF 43675	43675A	MIT 6D15.3AT ALFIN
LSF 43682 LSX 43682 LFF 43684	43682 43682-6 43684A	MIT S4S MIT S6S MIT 6D14.3AT ALFIN
LSF 43685 LSX 43685	43685AG	MIT 4M50T ALFIN GALLERY
LSF 43688 LSX 43688	43688	MIT S4E2
LSX 44102	44102 44256	NIS A12 1970 NIS A10
LSX 44109	44109 44114 44322	NIS A14S, A14 NIS A15S, A15 NIS A14-II
LSX 44121	44121	NIS J15, J16
LSX 44125	44125 44355	NIS E15S, E15 NIS E15-III
LSX 44160	44160 44336 44617	NIS L24/L26 NIS L24S NIS L24E
LFX 44166 LSX 44166	44166 44167	NIS L18 NEW 1970 NIS L18 OLD
LFX 44176 LSF 44176 LSX 44176	44176A 44263A 44624AG	NIS LD20 ALFIN NIS LD20-II ALFIN NIS LD20-T ALFIN GALLERY
LSX 44186	44186 44345	NIS CA16 NIS HR16DE
LSX 44190	44190 44661	NIS CA18 NIS CA18ET

TEIKIN LINER NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
LSX 44193	44193 44279 44663	NIS CA20 NIS CA20-II NIS CA20-III
LSX 44196	44196 44608	NIS H20, H20P NIS H20-II
LFF 44210 LSF 44210	44210A 44291	NIS SD22 ALFIN NIS SD22-II
LFF 44215 LSF 44215	44215A 44622A	NIS SD23 / SD25 ALFIN NIS SD23/25-II ALFIN
LSX 44224	44224 44227	NIS Z20 NIS Z20S
LSX 44230	44230 44278	NIS Z22S NIS Z22
LSX 44232	44232 44271 44272 44316 44321 44338	NIS Z24, Z24i NIS KA24E NIS KA24E-II NIS Z24-II NIS KA24DE NIS KA24DE-IV
LFF 44236	44236A 44679A	NIS PD6 ALFIN NIS PD6-T ALFIN
LFF 44242	44242A	NIS RD8 ALFIN
LFF 44244 LSF 44244	44244A 44246A	NIS ND6 ALFIN NIS NE6 ALFIN
LFF 44255 LSF 44255	44255A 44666A	NIS TD25 ALFIN NIS TD25 LATE ALFIN
LSX 44258	44258 44260 44306 44688 44690 44695	NIS GA16i, GA16DS NIS GA16DE NIS GA16DS-II, GA16S NIS QG16 NIS QG16DE NIS GA16DE-III
LSX 44259	44259 44611	NIS E16i NIS E13
LFF 44261 LSF 44261	44261A 44344A 44348A 44656A 44667A 44692A	NIS FE6T ALFIN NIS FE6T-II ALFIN NIS FE6-TC ALFIN NIS FE6TA ALFIN NIS FE6 ALFIN NIS FE6T NEW ALFIN
LFX 44262 LSF 44262 LSX 44262	44262A	NIS CD17 ALFIN
LFF 44264	44264A	NIS RE8 ALFIN
LFF 44264-10	44264A-10	NIS RE10 ALFIN

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TEIKIN LINER NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
LSF 44264-10		
LSX 44265	44265	NIS J18
LFF 44266 LSF 44266	44266A	NIS TD23 ALFIN
LFF 44267 LSF 44267	44267A 44296AG 44621AG 44630A 44674AG	NIS TD27 ALFIN NIS TD27-T - II ALFIN GALLERY NIS TD27-T ALFIN GALLERY NIS TD27-LATE ALFIN NIS TD27-T NEW ALFIN GALLERY
LFF 44267-6 LSF 44267-6	44267A-6 44367AG 44621AG-6 44630A-6	NIS TD42 ALFIN NIS TD42T-II ALFIN GALLERY NIS TD42-T ALFIN GALLERY NIS TD42-LATE ALFIN
LSX 44269	44269 44283 44283-6 44662	NIS Z16 NIS L16-II/L26-II NIS L24-II/L26-II NIS L16-III
LFF 44290	44290A	NIS RF8 ALFIN
LSF 44290 LSF 44295 LSX 44295	44295A	NIS LD23 ALFIN
LFX 44297 LSF 44297 LSX 44297	44297A 44683AG	NIS QD32 ALFIN NIS QD32TI ALFIN GALLERY
LFF 44323	44323A 44657A 44658A	NIS FD6T ALFIN NIS FD6T-II ALFIN NIS FD6T-III ALFIN
LFF 44330	44330A 44655A	NIS PE6-T ALFIN NIS PE6 ALFIN
LSX 44335	44335 44616	NIS L28S NIS L28
LFX 44363 LSF 44363	44363AG	NIS R9M ALFIN GALLERY
LSX 44365	44365	NIS HR16DE-III
LFX 44602 LSF 44602 LSX 44602	44602A 44681AG	NIS CD20 ALFIN NIS CD20-T ALFIN GALLERY
LFF 44603 LSF 44603	44603A 44210A-6	NIS SD33T ALFIN NIS SD33 ALFIN
LFF 44605 LSF 44605	44605A	NIS ED33 ALFIN
LFX 44606 LSF 44606 LSX 44606	44606 44623AG 44696AG	NIS RD28 NIS RD28-T ALFIN GALLERY NIS RD28TI NEW ALFIN GALLERY

TEIKIN LINER NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
LSX 44614	44614 44669	NIS GA14DS NIS GA14
LFF 44618 LSF 44618	44618A	NIS FD46 ALFIN
LFF 44619 LSF 44619	44619AG 44654AG	NIS BD30 ALFIN GALLERY NIS BD30T ALFIN GALLERY
LFF 44620	44620A 44659A 44694A	NIS FD35 ALFIN NIS FD35-T ALFIN NIS ED35 ALFIN
LSF 44625 LSX 44625	44625A	NIS LD28 ALFIN
LFF 44629	44629A 44698A	NIS FD33-T ALFIN NIS FD33 ALFIN
LSX 44653	44653	NIS RB20E
LFF 44665 LSF 44665	44665AG	NIS FD42 ALFIN GALLERY
LFF 44670	44670	NIS ED30
LSF 44671 LSX 44671	44364AG 44671AG 44684AG 44686AG	NIS YD25DDTi-II ALFIN GALLERY NIS YD25TDI ALFIN GALLERY NIS YD25TDI NEW ALFIN GALLERY NIS YD25DDTI ALFIN GALLERY
LSF 44672 LSX 44672	44672AG 44673AG 44678AG 44702AG	NIS ZD30 ALFIN GALLERY NIS ZD30 LATE ALFIN GALLERY NIS ZD30DDTI ALFIN GALLERY NIS ZD30DD ALFIN GALLERY
LSX 44675	44675 44707	NIS K21 NIS K21-II
LSX 44676	44676 44708	NIS K25 NIS K25-II
LSF 44685 LSX 44685	44685AG 44697AG	NIS YD22DDT/ETI ALFIN GALLERY NIS YD22DDT/DDTI ALFIN GALLERY
LSX 44699	44699	NIS H25
LSX 45114	45114 45652	NIS F8A, ST90, LJ80 NIS F8A
LSX 45117	45117	SUZ F10A, ST100, SJ410
LSF 45122 LSX 45122	45122 45146 45146-3	SUZ SS80 SUZ WAGON R SUZ ALTO LXI
LSX 45124	45124 45127 45132 45149	SUZ G16KV SUZ G16A, G16KC SUZ VITARA SUZ G15A

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TEIKIN LINER NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
	45601	SUZ SWIFT 1.6
LSX 45125	45125	SUZ G10 NEW, G10A
	45126	SUZ G10
LSX 45128	45126-4	SUZ G13
	45128	SUZ G13B
	45650	SUZ G13-II
	45653	SUZ G13BB
	45654	SUZ G13B-II
	45655	SUZ G13-Y58
LSX 45131	45131	SUZ H25A
LSX 45133	45133	SUZ J20A
LSF 45135	45135	SUZ STEAM 1.3L
LSX 45137	45137	SUZ H27
LSX 46103	46103	TOY 3K
LSX 46105	46105	TOY 4K , 4KU
	46332	TOY 1NZFE
	46354	TOY 2NZ-FE
	46355	TOY 2NZ-FE-II
	46364	TOY 1NZFE-II
LSX 46107	46107	TOY 5K
	46335	TOY 5K-II
LFX 46112	46112A	TOY 1C ALFIN
LSF 46112	46630	TOY 1C-III
LSX 46112	46650	TOY 1C-II
	46692	TOY 1C NEW
LSX 46116	46116	TOY 1S
LSX 46118	46118	TOY 1Y
LSX 46119	46119	TOY 2Y
LSX 46120	46120	TOY 3Y
	46365	TOY 1AZ-FSE
LSX 46122	46122	TOY 4Y
LFF 46124	46124A	TOY B, BU-30 ALFIN
LSF 46124	46626A	TOY B LATE ALFIN
LFF 46127	46127	TOY 2B
LSF 46127		
LFF 46128	46128A	TOY 3B ALFIN
LSF 46128	46130A	TOY 13B ALFIN
LSX 46128	46254A	TOY 14B ALFIN
	46622A	TOY 3B-II ALFIN
	46625A	TOY 14B-T ALFIN
	46668A	TOY 13B-T ALFIN
LSX 46132	46132	TOY F, FA-90

TEIKIN LINER NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
LSX 46136	46136	TOY 2F
	46138	TOY 3F
	46623	TOY 2F-II
LSX 46141	46141	TOY 2E
	46274	TOY 3E, 3EE
	46345	TOY 2E-II
LSX 46163	46163	TOY 3A, 3AU
	46658	TOY 1A
LSX 46175	46175	TOY 5R OLD
	46177	TOY 5R NEW
LSX 46187	46187	TOY 12R, 12RU
LSX 46189	46189	TOY 18R, 18RC, 18RB
	46294	TOY 20R
	46659	TOY 20R-II
LSX 46199	46199	TOY 21R, 21RC
	46267	TOY 21R-II
	46653	TOY 21R-III
LSX 46201	46201	TOY 22R
	46202	TOY 22R-E
LSX 46207	46207	TOY 2T, 2T-B
	46211	TOY 2T, 2T-U
	46218	TOY 3T, 3T-U, 13T-U
	46619	TOY 2TC
	46662	TOY 13T
LFF 46226	46226A	TOY 2J ALFIN
LSF 46226		
LFF 46226-6	46226A-6	TOY H NEW ALFIN
LSF 46226-6	46316	TOY H-II
LFF 46231	46231A	TOY 2H ALFIN
LSF 46231	46611A	TOY 2H LATE ALFIN
	46624A	TOY 12H-T ALFIN
LFF 46234	46234	TOY L OLD, LN30
LSF 46234	46236	TOY L NEW, LN50
	46238	TOY L NEW-II
LFF 46240	46240A	TOY 2L ALFIN
LSF 46240	46261A	TOY 2L-II, 2L LATE ALFIN
LSX 46240	46351A	TOY 2LT NEW-II ALFIN
	46389AG	TOY 2LT NEW ALFIN GALLERY
	46600AG	TOY 2LT LATE ALFIN GALLERY
	46602A	TOY 2L-T, 2L-THE, 2L-TE ALFIN
LFF 46242	46242	TOY 2D OLD
LFF 46244	46244	TOY 2D NEW
LSX 46255	46255	TOY 3SFE
	46366	TOY 1TR-FE

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TEIKIN LINER NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
	46373	TOY 3SFE-VII
	46620	TOY 3SFE-II
	46621	TOY 3SFE-III
	46663	TOY 3SGE
	46667	TOY 3SFE-IV
	46689	TOY 3SGE-II
	46701	TOY 3S-FE-VI
LFF 46256	46256A	TOY 3L ALFIN
LSF 46256		
LSX 46256		
LFX 46257	46257A	TOY 1HZ, 1PZ ALFIN
LSF 46257	46268A	TOY 1HD-T LATE ALFIN
LSX 46257	46325A	TOY 1HD-T-II ALFIN
	46362AG	TOY 1HD-FT ALFIN GALLERY
	46674AG	TOY 1HD-FTE ALFIN GALLERY
LSX 46258	46258	TOY 5E-FE
	46346	TOY 4E-FE-II
LSX 46259	46259	TOY 7K
	46688	TOY 3ZR-FE-II
LFX 46260	46260A	TOY 2C ALFIN
LSF 46260	46264A	TOY 2C-II, 2CT LATE ALFIN
LSX 46260	46278A	TOY 2C-T ALFIN
	46601A	TOY 2C-III ALFIN
	46609A	TOY 2CT-II ALFIN
	46629AG	TOY 3C ALFIN GALLERY
	46695AG	TOY 2CT-III ALFIN GALLERY
LSX 46262	46262	TOY 4AFE, 4AG
	46269	TOY 4AC/ 4AELU
	46271	TOY 4AFE-III
	46277	TOY 7AFE
	46286	TOY 4 A-GEU
	46310	TOY 4AGE, 4AGELC
	46349	TOY 4A-GEU-II
	46618	TOY 4AGE
	46664	TOY 4A-GEU - VVT
LSX 46272	46272	TOY 3F NEW, 3FE
	46272-4	TOY 3F NEW, 3FE
	46368	TOY 1GR-FE
	46703	TOY 1GR-FE-II
LFX 46273	46273AG	TOY 5L ALFIN GALLERY
LSF 46273		
LSX 46273		
LSF 46276	46276A	TOY 1N ALFIN
LSX 46276		
LSX 46281	46281	TOY 3VZ-FE
	46606	TOY 3VZE
LFF 46283	46283AG	TOY 1KZ-TE, 1KZ ALFIN GALLERY
LSF 46283	46671AG	TOY 1KZ-TE NEW ALFIN GALLERY
LFF 46287	46287A	TOY 11B ALFIN

TEIKIN LINER NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
LSF 46287	46608A	TOY 11B-II ALFIN
LSX 46287		
LSX 46290	46290	TOY 5AF
	46347	TOY 5AFE NEW
LSX 46300	46300	TOY 1RZ
	46359	TOY 1RZ-III
LFF 46308	46123	TOY B, BU-15
LSF 46308	46308	TOY BU-30-II
LSX 46312	46312	TOY 3RZ-FE, 3RZ-FZ
	46360	TOY 2TR-FE
	46694	TOY 3RZ-F
LSF 46348	46348AG	TOY 2KD - FTV ALFIN GALLERY
LSX 46348		
LFF 46381	46381A	TOY S05C-II ALFIN
LSF 46392	46392AG	TOY 2GD FTV ALFIN GALLERY
LSX 46392		
LSF 46393	46393AG	TOY 1GD-FTV ALFIN GALLERY
LSX 46393		
LSX 46603	46603	TOY 2K
LSX 46610	46610	TOY 1GE
	46670	TOY 1G-EU
LFF 46613	46613A	TOY 1Z ALFIN
LSF 46613		
LSX 46614	46614	TOY 2R
LSX 46615	46615	TOY 3P
LSF 46654	46684	TOY 1DZ NEW
LSX 46654	46654A	TOY 1DZ ALFIN
LSF 46655	46655A	TOY 15BF ALFIN
LSX 46655	46656AG	TOY 15BF-T ALFIN GALLERY
LSX 46661	46661	TOY 1E, 1EL
LSF 46675	46675AG	TOY 1KD-FTV ALFIN GALLERY
LSX 46675	46686AG	TOY 1KD-FTV-II ALFIN GALLERY
	46698AG	TOY 1KD-FTV-III ALFIN GALLERY
	46710AG	TOY 1KD-FTV-IV ALFIN GALLERY
LSX 46677	46677	TOY 1KR-FE
LSF 46678	46678AG	TOY 1AD-FTV ALFIN GALLERY
LSX 46678	46679AG	TOY 2AD-FHV ALFIN GALLERY
	46696AG	TOY 2AD-FTV ALFIN GALLERY
LSF 46680	46680AG	TOY 1CD-FTV ALFIN GALLERY
LSX 46680	46690AG	TOY 1CD-FTV-II ALFIN GALLERY

CYLINDER LINER LIST

TEIKIN LINER NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
LFF 46682 LSF 46682	46682	TOY 2Z NEW
LFF 46685 LSF 46685	46685 46699	TOY 13Z TOY 14Z
LSF 46691 LSX 46691	46691AG	TOY 1VD-FTV ALFIN GALLERY
LFF 46700	46339A 46700A	TOY RINO ALFIN TOY N04C ALFIN
LSF 48601	48601A	VW 1G / 1V / CY TURBO ALFIN
LSF 48602	48602A 48603A	VW 1X / 1Y / AAB ALFIN VW AAZ / ABL / ADE TURBO ALFIN
LSF 48605	48605	VW 2G / AAV / HK
LSF 48612	48612AG	VW ANU/ATD/AVB/AVQ ALFIN GALLERY
LSF 48613	48613A	VW ACV/ AGX/AHD/AHY ALFIN
LSX 49101	49101 49103 49105	DAE LE MANS 1.5 DAE CIELO 1.5 DAE NUBIRA-II
LFX 51102 LSF 51102 LSX 51102	51102A 51108A 51606AG	HYU D4BB ALFIN HYU D4BA ALFIN HYU D4BH ALFIN GALLERY
LSF 51103 LSX 51103	51103A 51607A	HYU D4AF ALFIN HYU D4AF-III ALFIN
LSX 51104	51104 51116 51119 51128 51615	HYU G4EK - ALPHA - F1 HYU G4FK HYU G4EB HYU ATTITUDE HYU G4DJ
LSX 51110	51110	HYU G6BV
LSF 51112 LSX 51112	51112A	HYU D4AE ALFIN
LSX 51118	51118	HYU ATOZ-II
LSX 51123	51123	HYU XG350
LSX 51125	51125	HYU Y2
LSX 51135	51135 51613	HYU SONATA 2.4L HYU G4KE / G4KG
LSF 51142 LSX 51142	51142AG-3 51142AG 51150AG-3 51150AG	HYU i20 MAGNA CRDI ALFIN GALLERY HYU i20 MAGNA CRDI ALFIN GALLERY HYU D4FA ALFIN GALLERY HYU D4FA ALFIN GALLERY

TEIKIN LINER NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
LSX 51146	51146	HYU ELANTRA
LSF 51154 LSX 51154	51154AG	HYU D4FB ALFIN GALLERY
LSF 51163 LSX 51163	51163AG	HYU D4HA ALFIN GALLERY
LSX 51165	51165A	HYU G4KH ALFIN
LSF 51602 LSX 51602	51602AG	HYU D4DA ALFIN GALLERY
LSF 51603 LSX 51603	51603AG 51608AG 51619AG	HYU D4CB CRDI ALFIN GALLERY HYU D4CB TCi ALFIN GALLERY HYU D4CB TCi-II ALFIN GALLERY
LSF 51604 LSX 51604	51604A	HYU D3EA ALFIN
LSF 51604-4 LSX 51604-4	51604A-4	HYU D4EA ALFIN
LSF 51605	51605AG	HYU D4EB-F/D4EB-G ALFIN GALLERY
LFF 51610 LSF 51610	51610AG 51611AG	HYU J3TCi ALFIN GALLERY HYU J3TCi-II ALFIN GALLERY
LFF 52105	52105	KIA CARNIVAL
LFF 52107	52107AG	KIA CARNIVAL-II ALFIN GALLERY
LSF 52107 LSX 52107 LSX 52112	52112	KIA SPECTRA
LFF 52650 LSF 52650	52650AG	KIA RFA ALFIN GALLERY
LFF 52651 LSF 52651	52651AG	KIA JT 3.0 ALFIN GALLERY
LFF 52652 LSF 52652	52652A 52653G 52656G	KIA JD K3500 ALFIN KIA SH K3600 GALLERY KIA SH K3600 NEW-II GALLERY
LSF 56606 LSX 56606	56606A	OPE Y 17 DT/DTL ALFIN
LSF 62101	62101A 62104A 62104A-4	TAT INDICA ALFIN TAT ACE-II ALFIN TAT INDICA-II ALFIN
LSF 62101-2	62101A-2	TAT ACE ALFIN
LSF 62102	62102A	TAT 407 TURBO ALFIN

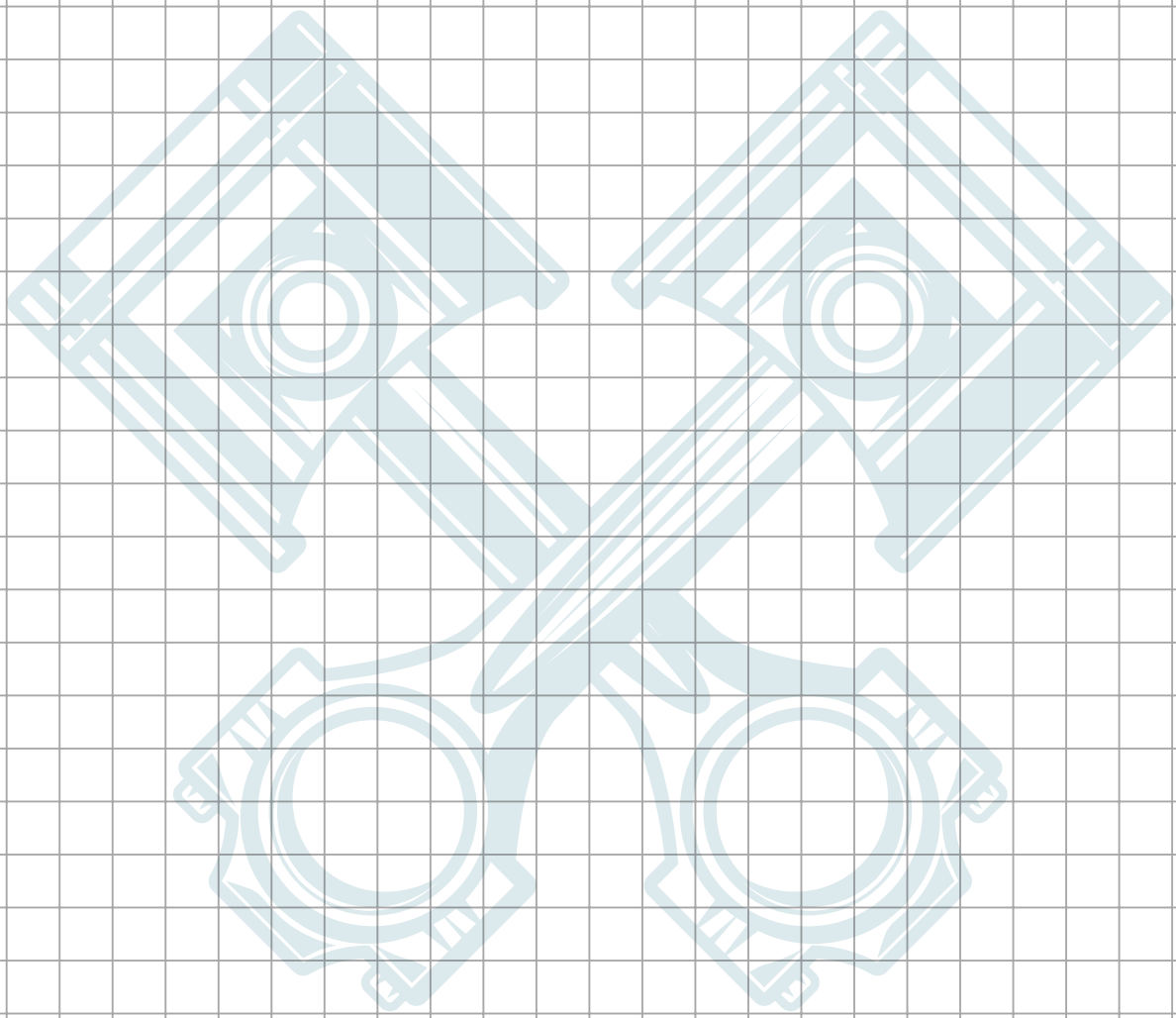
CYLINDER LINER LIST

TEIKIN LINER NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL
LSF 62103	62103A	TAT 207 ALFIN
LFF 63101	63101A 63102A	ALY 6ETI ALFIN ALY 6DTI ALFIN
LSX 64102	64102A-1 64102A	KOM S6D102 ALFIN KOM S6D102 ALFIN
LFF 64601	64601A	KOM 4D95 ALFIN
LFF 64602	64602A	KOM 4D105 ALFIN
LFF 64605	64101A-1 64101A	KOM S6D95 ALFIN KOM S6D95 ALFIN
LSX 65002	65002A	EIC 483 TC ALFIN
LFF 66101	66101A	MAH SCORPIO CRD ALFIN
LFF 66103	66103A	MAH MDI 3200 ALFIN
LSF 66104	66104	MAH XD3P
LSF 66105	66105A	MAH MAXIMO ALFIN
LSF 68101	68101A	TEM TRAVELLER ALFIN
LSF 70103	70103A	REN K9K ALFIN
LFF G0137	G0137	KUB RD 115
LFF G1115	G1115	YAN TF 85-II
LFF G1116	G1116	YAN TF 155
LFF G1118	G1118	YAN TF 55
LFF G1122	G1122	YAN TF 140
LFF G1606	G1606	YAN TF 120
LSX SMI51	43308	MIT 4G63
LSX TPG18	67600	PEU DW8

TEIKIN LINER NUMBER	TEIKIN PISTON NUMBER	ENGINE MODEL

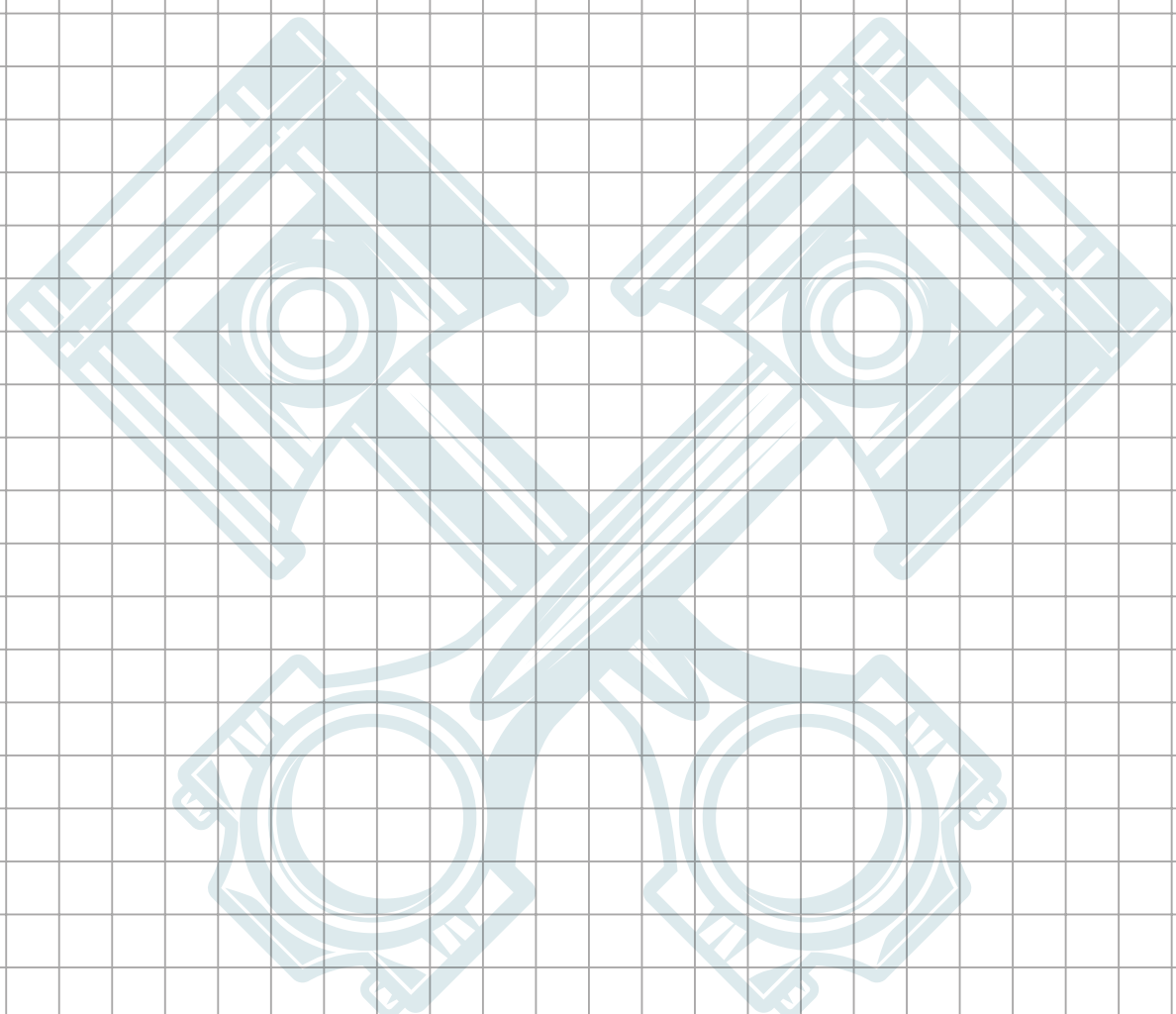
TEIKIN™
PISTONS • RINGS • LINERS

NOTES



NOTES

TEIKIN™
PISTONS • RINGS • LINERS



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TAKE TEIKIN KEEP MOVIN'

PISTONS • ПОРШНИ • KOLBEN • PISTONES • بستونات • 活塞

PISTON RINGS • ПОРШНЕВЫЕ КОЛЬЦА • KOLBENRING • ANILLO DE PISTON • حاقة البستون • 活塞环

CYLINDER LINERS • ГИЛЬЗЫ БЛОКА ЦИЛИНДРОВ • ZYLINDERBUCHSEN • CAMISAS DE CILINDRO • قمصان • 缸套

LINER KIT SETS • ПОЛНЫЙ КОМПЛЕКТ • ASSEMBLY • CONJUNTOS • طقم قمصان مع بستونات • 缸套组件

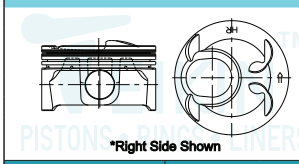
ADDENDUM TO TEIKIN CATALOG VOL.26 — DATED MARCH 31, 2026

ENGINE TYPE | PISTON SET | RINGS | PIN | BUSHING | FLANGED | LINER | NO FLANGE | LINER KIT SET

FORD — GASOLINE

213 CID V6 — 3496 cc — 6 cyl.
EcoBoost
Duratec 35
2003-

Ø	92.50	1 - 1.2 / 1 - 1.5	Ø 23.000
CD	31.50		TL 59.00
	+4.2	1 - 2.5	
TL	56.70		



TEIKIN NO.	TEIKIN NO.
35614A	P 35614

REFERENCE NO.
BL3Z-6108F (R)
BL3Z-6108H (R)
BL3Z-6108G (L)
BL3Z-6108K (L)
M-2243921

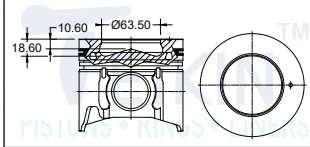
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.020 mm MP: 13.00 mm

1

HINO — DIESEL

J08E — 6 cyl.
RANGER
DUTRO, PROFIA
500 SERIES, 700 SERIES
GEN SET, S'ELEGA
268, 338T
SK330, SK350LC

Ø	112.00	1 - 2.5 / 1 - 2.0	Ø 37.000
CD	57.00		TL 84.50
	-18.6	1 - 4.0	
TL	100.00		



TEIKIN NO.	TEIKIN NO.
36139AG	P 46339

REFERENCE NO.
S130AE0100

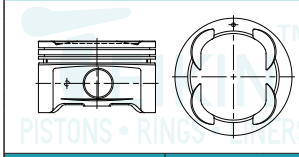
Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.060 mm MP: 20.00 mm

2

ISUZU — GASOLINE

6VD1-II — 3166 cc — 6 cyl.
SUV
UBS/UES
(98-)
DOHC 24V

Ø	93.40	2 - 1.5	Ø 22.000
CD	33.70		TL 66.00
	-2.0	1 - 3.0	
TL	57.00		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
39691	R 39673	P 39104

REFERENCE NO.	REFERENCE NO.
8-97172-674-0	8-97136-135-0
8-97172-675-0	8-97170-113-0
8-97172-676-0	

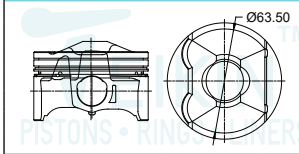
Surface Treatment	Bore Clearance
Chromated	MRC: 0.030 mm MP: 10.00 mm

3

MAZDA — GASOLINE

SKYACTIV-G 1.3L — 1298 cc — 4 cyl.
MAZDA 2 (2014-2018)
DOHC

Ø	71.00	2 - 1.0	Ø 18.000
CD	24.10		TL 40.50
	+6.2	1 - 2.0	
TL	48.30		



TEIKIN NO.	TEIKIN NO.
42230	P 42230

REFERENCE NO.
P3Y2-11-SA0

Surface Treatment	Bore Clearance
Moly Skirt Anodize Crown 1st Ring Anodized	MRC: 0.030 mm MP: 5.00 mm

4

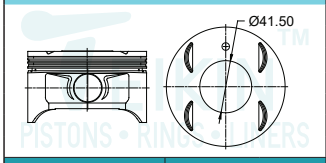
ENGINE TYPE | PISTON SET | RINGS | PIN | BUSHING | FLANGED | LINER | NO FLANGE | LINER KIT SET

MITSUBISHI — GASOLINE

6G75-II — **3828 cc** — 6 cyl.

MONTERO (2007-2018)
PAJERO/MONTERO (2006-2021)

Ø 95.00	2 - 1.2	Ø 22.000
CD 29.10		TL 58.00
+0.35	1 - 2.0	
TL 56.95		



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43312	R 43290	P 43312

REFERENCE NO.	REFERENCE NO.
1110B460	MN183867

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodized Crown	MP: 14.00 mm
1st Ring Anodized	

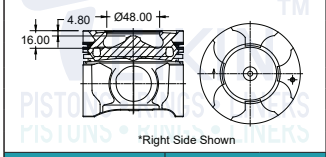
5

MITSUBISHI — DIESEL

4D56-V — **2477 cc** — 4 cyl.

CHALLENGER (2009-)
NATIVA / PAJERO SPORT (2008-2015)
L200 / L200, L200 SPORTERO (2005-2015)
L200, TRITON, STRADA (2015-2019)
PAJERO SPORT (2013-2015)
TRITON (2006-2015)

Ø 91.10	1 - 2.5 HK	Ø 32.000
	1 - 2.0 HK	TL 75.00
CD 48.20		
-16.0	1 - 3.0	
TL 78.20		



*Right Side Shown

TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43310AG	R 43300	P 43678

REFERENCE NO.	REFERENCE NO.
1110C901 (R/L) 1110C592/3/4 1110C900/2 1110C595/6/7 1110C903/4/5	1110B977 1110B978 1110B979

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodize Crown	MP: 10.00 mm

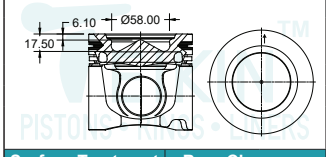
6

MITSUBISHI — DIESEL

4V21 — **3907 cc** — 4 cyl.

CANTER FE 71
CANTER FE 74 HDS
CANTER BUS
CANTER FE SHDX
CANTER FE 84 GS
2020 -

Ø 104.00	1 - 2.8 FK	Ø 38.000	TL 197.5
	1 - 2.0	TL 88.00	OD 108.1
CD 62.20			
-17.5	1 - 3.0		
TL 96.20			



TEIKIN NO.	TEIKIN NO.	TEIKIN NO.	TEIKIN NO.
43311AG	R 43311	P 43311	LSX 43311

REFERENCE NO.	REFERENCE NO.	Surface Treatment	REFERENCE NO.
MX930062	MX913351	None	

Surface Treatment	Bore Clearance
Chromated	MRC: 0.080 mm
Moly Skirt	MP: 25.00 mm

TEIKIN NO.
LKSX 43311AG

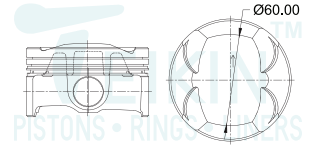
7

TOYOTA — GASOLINE

M15A-FXE — **1490 cc** — 3 cyl.

AQUA (2021-PRESENT)
YARIS HYBRID HYBRID (2020-present)
MAZDA 2 HYBRID (2020-present)
YARIS CROSS HYBRID (2020-PRESENT)
SIENTA HYBRID (2022-PRESENT)
LEXUS LBX (2023-PRESENT)

Ø 80.50	2 - 1.2	Ø 19.000
		TL 47.00
CD 29.20		
+2.6	1 - 2.0	
TL 48.30		



TEIKIN NO.	TEIKIN NO.
46425-3	P 44609

REFERENCE NO.
13101-F2040

Surface Treatment	Bore Clearance
Moly Skirt	MRC: 0.030 mm
Anodize Crown	MP: 6.50 mm
1st Ring Anodized	

8