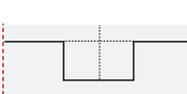
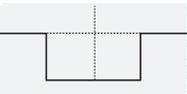


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THREAD AND TUBING SIZE • FULL SCALE CHART									
PIPE THREAD TYPE									
National Pipe Thread Taper (American standard)		NPT	1/8	1/4	3/8	1/2			
British Standard Pipe Thread Taper		BSPT	1/8	1/4	3/8	1/2			
TUBING DIAMETER									
 IN	1/8	5/32	1/4	5/16	3/8	1/2	3/4	1	
 MM	3	4	6	8	10	12	15	20	

TOPFIT®

PUSH-TO-CONNECT FITTINGS

NICKEL-PLATED BRASS

For compressed air and vacuum for use with calibrated polyethylene, nylon, polyurethane and soft metal tubing.

Quick connect design

One-piece fittings save over 75% of assembly time compared to standard compression fittings.

Instantaneous connection / disconnection

No tool required for assembly

Full-flow design

Provides up to 60% more flow than compression fittings

Fully reusable

Designed to resist multiple connections and disconnections with leak-free operations and solid tube gripping

Self-contained assembly

No loose parts or inserts

Materials

Body and Ring: Nickel-plated brass

Seals: POM

Lock Claws: Stainless steel

O-Ring: Nitrile rubber

Specifications

Working Pressure:

Fittings suitable for use up the maximum working pressure of pneumatic tubing used and with a maximum pressure of 290 PSI

Vacuum: 28" Hg

Working Temperature: -10 to 80 °C

TOPFIT® | NICKEL-PLATED BRASS | ○ IN | NPT THREAD

MALE CONNECTOR

STRAIGHT



Product No	Tubing O.D. in	Thread (M) NPT
39.100	1/8	10-32 ◇
39.104	1/8	1/8
39.106	5/32	10-32 ◇
39.108	5/32	1/8
39.110	5/32	1/4
39.111	1/4	10-32 ◇
39.112	1/4	1/8
39.113	1/4	3/8
39.114	1/4	1/4
39.115	5/16	1/8
39.116	5/16	1/4
39.117	5/16	3/8
39.118	3/8	1/8
39.120	3/8	1/4
39.122	3/8	3/8
39.124	3/8	1/2
39.126	1/2	1/4
39.128	1/2	3/8
39.130	1/2	1/2

10-32 ◇: (M) UNF

HEXAGONAL HOLE



Product No	Tubing O.D. in	Thread (M) NPT
39.215	1/4	1/8
39.216	1/4	1/4
39.219	5/16	1/4
39.224	3/8	1/4
39.225	3/8	3/8

"Y"



Product No	Tubing O.D. in	Thread (M) NPT
39.355	1/4	1/8
39.356	1/4	1/4
39.363	3/8	1/4
39.364	3/8	3/8
39.368	1/2	1/2

FEMALE CONNECTOR

STRAIGHT



Product No	Tubing O.D. in	Thread (F) NPT
39.332	5/32	1/8
39.334	1/4	1/8
39.336	1/4	1/4
39.337	5/16	1/4
39.338	3/8	1/4
39.340	3/8	3/8
39.342	1/2	1/4

BULKHEAD



Product No	Tubing O.D. in	Thread (F) NPT
39.570	1/4	1/8
39.571	1/4	1/4
39.579	3/8	3/8

SPEED CONTROLLER

WITH FLOW CONTROL VALVE

THREADED ELBOW



Meter-out Product No	Meter-in Product No	Tubing O.D. in	Thread (M) NPT
39.700	39.701	1/4	1/8
39.705	39.706	1/4	1/4
39.708	---	5/16	1/4
39.710	39.711	3/8	1/4
39.712	39.713	3/8	3/8

WITHOUT FLOW CONTROL VALVE

STRAIGHT UNION



Product No	Tubing O.D. in
39.720	5/32
39.721	1/4
39.722	5/16
39.723	3/8
39.724	1/2

STEM ADAPTER

IN - IN



Product No	Tubing O.D. in ①	Stem O.D. in ②
39.161	1/8	5/32
39.163	5/32	1/4
39.158	1/4	5/16
39.166	1/4	3/8
39.171	1/4	1/2
39.167	5/16	3/8
39.169	3/8	1/2

TOPFIT® | **NICKEL-PLATED BRASS** | **IN**  **NPT THREAD**

MALE ELBOW

SWIVEL



Product No	Tubing O.D. in	Thread (M) NPT
39.235	1/8	10-32 ◇
39.240	1/8	1/8
39.242	5/32	10-32 ◇
39.244	5/32	1/8
39.246	5/32	1/4
39.247	1/4	10-32 ◇
39.248	1/4	1/8
39.250	1/4	1/4
39.249	1/4	3/8
39.251	5/16	1/8
39.252	5/16	1/4
39.253	5/16	3/8
39.254	3/8	1/8
39.256	3/8	1/4
39.258	3/8	3/8
39.260	3/8	1/2
39.262	1/2	1/4
39.264	1/2	3/8
39.266	1/2	1/2

10-32 ◇: (M) UNF

NON-SWIVEL



Product No	Tubing O.D. in	Thread (M) NPT
39.192	5/32	1/8
39.194	1/4	1/8
39.196	1/4	1/4
39.202	3/8	1/4
39.204	3/8	3/8

SWIVEL BANJO



Specially designed to facilitate the connection of a tubing with a male threaded connection with a 90° angle

Ideal when there are multiple fittings in a confined space



Product No	Tubing O.D. in	Thread (M) NPT
39.951	5/32	1/8
39.953	1/4	1/8
39.955	1/4	1/4
39.957	3/8	1/4
39.958	3/8	3/8

UNION

STRAIGHT



Product No	Tubing O.D. in
39.160	1/8
39.162	5/32
39.164	1/4
39.165	5/16
39.168	3/8
39.170	1/2

ELBOW



Product No	Tubing O.D. in
39.270	1/8
39.272	5/32
39.274	1/4
39.275	5/16
39.276	3/8
39.278	1/2

TEE



Product No	Tubing O.D. in
39.540	1/8
39.542	5/32
39.544	1/4
39.546	5/16
39.548	3/8
39.550	1/2

"Y"



Product No	Tubing O.D. in
39.310	1/8
39.311	5/32
39.312	1/4
39.314	5/16
39.316	3/8

BULKHEAD



Product No	Tubing O.D. in
39.582	5/32
39.584	1/4
39.585	5/16
39.586	3/8
39.588	1/2

MALE BRANCH TEE

SWIVEL



Product No	Tubing O.D. in	Thread (M) NPT
39.478	1/8	1/8
39.482	5/32	1/8
39.484	1/4	1/8
39.486	1/4	1/4
39.487	1/4	3/8
39.473	5/16	1/8
39.474	5/16	1/4
39.475	5/16	3/8
39.488	3/8	1/4
39.490	3/8	3/8
39.491	3/8	1/2
39.492	1/2	1/4
39.493	1/2	3/8
39.495	1/2	1/2

SWIVEL RUN TEE



Product No	Tubing O.D. in	Thread (M) NPT
39.339	5/32	1/8
39.440	1/4	1/8
39.442	1/4	1/4
39.443	5/16	1/8
39.444	5/16	1/4
39.446	3/8	1/4
39.448	3/8	3/8

REDUCER

STRAIGHT UNION



Product No	Tubing O.D. in ①	Tubing O.D. in ②
39.176	5/32	1/8
39.178	1/4	5/32
39.180	5/16	1/4
39.182	3/8	1/4
39.184	3/8	5/16
39.186	1/2	3/8

TEE



Product No	Tubing O.D. in	Tubing O.D. in
39.560	3/8	1/4
39.562	1/2	3/8

PLUG



Product No	O.D. in
39.600	1/8
39.601	5/32
39.602	1/4
39.603	5/16
39.604	3/8
39.605	1/2

TOPFIT® | NICKEL-PLATED BRASS |  MM  BSPT THREAD

MALE CONNECTOR

STRAIGHT



Product No	Tubing O.D. mm	Thread (M) BSPT
39.009	4	M5*
39.010	4	1/8
39.011	4	1/4
39.008	6	M5*
39.012	6	M6*
39.013	6	1/8
39.014	6	1/4
39.015	6	3/8
39.016	8	1/8
39.017	8	1/4
39.018	8	3/8
39.020	10	1/8
39.021	10	1/4
39.022	10	3/8
39.023	10	1/2
39.024	12	1/4
39.025	12	3/8
39.026	12	1/2

HEXAGONAL HOLE



Product No	Tubing O.D. mm	Thread (M) BSPT
39.904	6	1/8
39.905	6	1/4
39.906	8	1/8
39.907	8	1/4
39.911	10	3/8

Allen key type mounting
For side by side installation 

MALE BRANCH TEE

SWIVEL



Product No	Tubing O.D. mm	Thread (M) BSPT
39.049	4	M5*
39.050	4	1/8
39.053	6	1/8
39.054	6	1/4
39.055	6	3/8
39.056	8	1/4
39.057	8	3/8
39.061	10	1/4
39.062	10	3/8

SWIVEL



Product No	Tubing O.D. mm	Thread (M) BSPT
39.850	4	1/8
39.853	6	1/8
39.854	6	1/4
39.856	8	1/4
39.857	8	3/8
39.861	10	1/4
39.862	10	3/8

SWIVEL RUN TEE



Product No	Tubing O.D. mm	Thread (M) BSPT
39.070	4	1/8
39.077	8	1/4
39.081	10	1/4
39.084	12	3/8

* Metric thread

UNION

STRAIGHT



Product No	Tubing O.D. mm
39.810	4
39.812	6
39.814	8
39.816	10
39.818	12

ELBOW



Product No	Tubing O.D. mm
39.830	4
39.832	6
39.834	8
39.836	10
39.838	12

TEE



Product No	Tubing O.D. mm
39.840	4
39.842	6
39.844	8
39.846	10

"Y"



Product No	Tubing O.D. mm
39.880	4
39.882	6
39.884	8
39.886	10

BULKHEAD



Product No	Tubing O.D. mm
39.820	4
39.822	6
39.824	8
39.825	10

SPEED CONTROLLER

WITHOUT FLOW CONTROL VALVE STRAIGHT UNION



Meter-out Product No	Tubing O.D. mm
39.943	4
39.944	6
39.945	8
39.946	10
39.947	12

REDUCER

STRAIGHT UNION



Product No	Tubing ① O.D. mm	Tubing ② O.D. mm
39.811	6	4
39.813	8	6
39.815	10	8
39.817	12	10

STEM ADAPTER



Product No	Tubing ① O.D. mm	Stem ② O.D. mm
39.090	4	6
39.091	6	8
39.092	8	10
39.094	10	12

PLUG



Product No	O.D. mm
39.800	4
39.801	6
39.802	8
39.803	10
39.804	12

TOPFIT®

PUSH-TO-CONNECT FITTINGS

POLYMER

For compressed air and vacuum.

Quick connect design

One-piece fitting saves over 75 % of assembly time compared to standard compression fittings

Compact design

Allows fittings to be closely mounted

Optimum flow

No part of the fitting goes inside the tubing for maximum unrestricted airflow

Instantaneous connection / disconnection

Wide release collar allows fast and trouble-free tubing removal

Fully reusable

Designed to resist multiple connections and disconnections with leak-free operations and solid tubing gripping

Tubing size identification

Tubing diameter indicated on release collar

Corrosion resistant threaded fittings

All threaded fittings are made of nickel-plated brass resistant to corrosion

Materials

Body: Polymer (PBT)

Release Collar: Polyacetal resin

Threaded Body: Nickel-plated brass

Lock Claws: Stainless steel

O-Ring: Nitrile rubber

Needle: Nickel-plated brass

Lock Nut: Aluminum

Elastic Sleeve: Nitrile rubber

Adjusting Screw: Nickel-plated brass

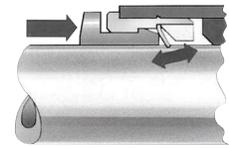
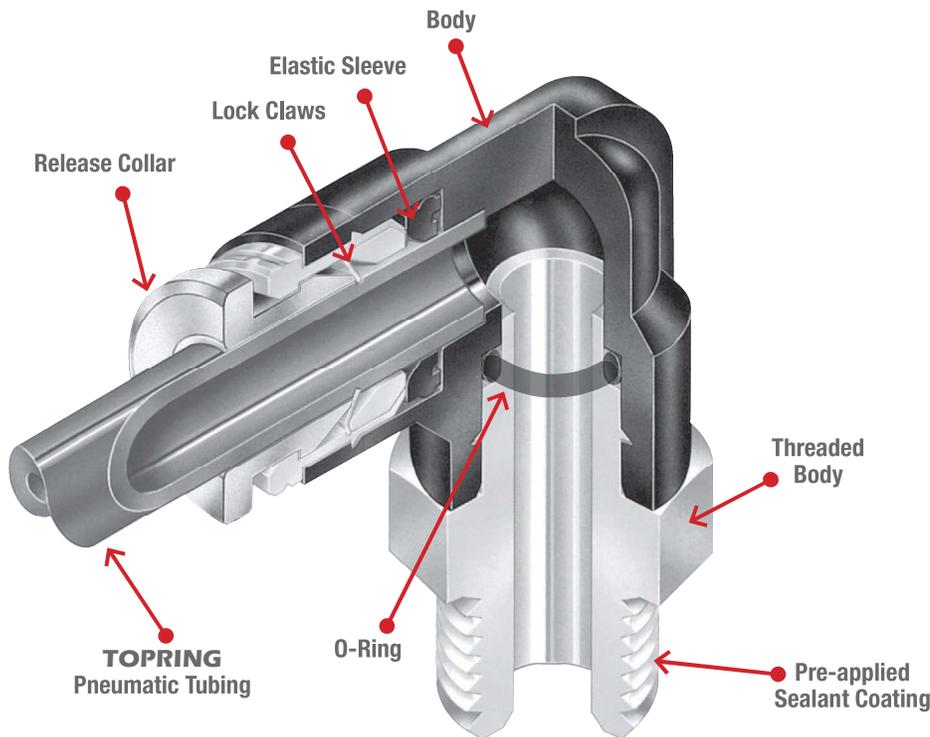
Specifications

Maximum Working Pressure: 150 PSI

Working Temperature: 0 to 60 °C

NPT Thread / Series 40 available for tubing diameter in inches (imperial) and also for millimeters (metric) tubing diameter

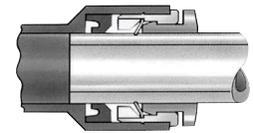
BSPT Thread / Series 42 available for tubing diameter in millimeters (metric) and also for inches (imperial) tubing diameter



POSITIVE GRIPPING ACTION

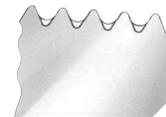
Stainless steel lock claws hold the tubing securely without damaging its surface

Vibration and pressure surges are safely absorbed to prevent accidental disconnections



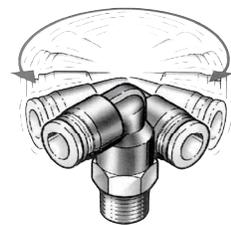
PERFECT SEAL

A nitrile rubber elastic sleeve guarantees a perfect seal between standard O.D. tubing and the body of the fitting



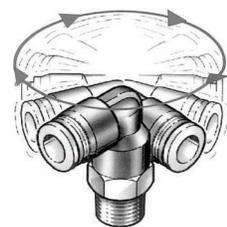
READY-TO-USE THREADS

Male threads have a pre-applied sealant which allows the fitting to be reused up to five times without the need for additional sealants



SWIVEL

Swivel elbows and tees can be oriented after installation for a perfect alignment with the tubing



ROTARY SWIVEL

The rotary swivel elbow will allow a rotative movement of 500 RPM

TOPFIT® | POLYMER |  IN | 

 NPT THREAD

MALE CONNECTOR

STRAIGHT



Product No	Tubing O.D. in	Thread (M) NPT
40.100	1/8	1/16
40.101	1/8	10-32 ◇
40.105	1/8	1/8
40.115	5/32	10-32 ◇
40.120	5/32	1/8
40.125	5/32	1/4
40.128	1/4	10-32 ◇
40.130	1/4	1/8
40.135	1/4	1/4
40.140	1/4	3/8
40.145	5/16	1/8
40.150	5/16	1/4
40.155	5/16	3/8
40.159	3/8	1/8
40.160	3/8	1/4
40.165	3/8	3/8
40.170	3/8	1/2
40.175	1/2	1/4
40.180	1/2	3/8
40.185	1/2	1/2

10-32 ◇: (M) UNF

HEXAGONAL HOLE



Product No	Tubing O.D. in	Thread (M) NPT
40.047	5/32	1/8
40.048	1/4	1/8
40.049	1/4	1/4
40.053	5/16	1/8
40.054	5/16	1/4
40.057	3/8	1/4
40.059	3/8	3/8

Product No	Tubing O.D. mm	Thread (M) NPT
40.017	6	1/8
40.018	6	1/4

Allen key type mounting
For side by side installation



"Y"



Product No	Tubing O.D. in	Thread (M) NPT
40.708	5/32	10-32 ◇
40.710	5/32	1/8
40.715	5/32	1/4
40.720	1/4	1/8
40.725	1/4	1/4
40.730	1/4	3/8
40.735	5/16	1/8
40.740	5/16	1/4
40.745	5/16	3/8
40.750	3/8	1/4
40.755	3/8	3/8
40.760	3/8	1/2
40.765	1/2	1/4
40.770	1/2	3/8
40.775	1/2	1/2

10-32 ◇: (M) UNF

Product No	Tubing O.D. mm	Thread (M) NPT
40.614	6	1/8
40.615	6	1/4
40.616	6	3/8
40.618	10	1/8
40.619	10	1/4
40.624	12	1/2

Product No	Tubing O.D. mm	Thread (M) NPT
40.002	6	1/8
40.003	6	1/4
40.006	10	1/8
40.007	10	1/4
40.008	10	3/8
40.009	10	1/2
40.011	12	1/4
40.012	12	3/8
40.013	12	1/2

FEMALE CONNECTOR

STRAIGHT



Product No	Tubing O.D. in	Thread (F) NPT
40.802	5/32	1/8
40.804	1/4	1/8
40.805	1/4	1/4
40.807	5/16	1/4
40.809	3/8	1/4
40.810	3/8	3/8
40.811	1/2	1/4
40.812	1/2	3/8

Product No	Tubing O.D. mm	Thread (F) NPT
40.038	6	1/8
40.039	6	1/4
40.041	10	1/4
40.043	12	1/4
40.044	12	3/8

BULKHEAD



Product No	Tubing O.D. in	Thread (F) NPT
40.633	1/4	1/8
40.635	1/4	1/4
40.638	5/16	1/4
40.637	5/16	3/8
40.639	3/8	1/4
40.640	3/8	3/8
40.641	1/2	3/8
40.642	1/2	1/2

Product No	Tubing O.D. mm	Thread (F) NPT
40.626	6	1/8
40.627	6	1/4
40.630	10	3/8

REDUCER

STRAIGHT UNION



Product No	Tubing ① O.D. in	Tubing ② O.D. in
40.193	5/32	1/8
40.198	1/4	5/32
40.203	5/16	1/4
40.204	3/8	1/4
40.208	3/8	5/16
40.213	1/2	3/8

TEE



Product No	Tubing ① O.D. in	Tubing ② O.D. in
40.575	1/4	5/32
40.576	5/16	1/4
40.577	3/8	1/4
40.578	3/8	5/16
40.579	1/2	3/8

UNION

STRAIGHT



Product No	Tubing O.D. in
40.190	1/8
40.195	5/32
40.200	1/4
40.205	5/16
40.210	3/8
40.215	1/2

ELBOW



Product No	Tubing O.D. in
40.304	1/8
40.305	5/32
40.310	1/4
40.315	5/16
40.320	3/8
40.325	1/2

TEE



Product No	Tubing O.D. in
40.420	1/8
40.425	5/32
40.430	1/4
40.435	5/16
40.440	3/8
40.445	1/2

BULKHEAD



Product No	Tubing O.D. in
40.650	5/32
40.655	1/4
40.660	5/16
40.665	3/8
40.670	1/2

"Y"



Product No	Tubing ① O.D. in	Tubing ② O.D. in
40.535	1/8	1/8
40.540	5/32	5/32
40.543	5/32	1/4
40.545	1/4	1/4
40.548	1/4	5/16
40.550	5/16	5/16
40.551	5/16	3/8
40.552	3/8	3/8
40.553	3/8	1/2
40.554	1/2	1/2

PLUG



Product No	Tubing O.D. in
40.675	1/8
40.680	5/32
40.685	1/4
40.690	5/16
40.695	3/8
40.700	1/2

TOPFIT® | POLYMER |  IN |  MM |  NPT THREAD

MALE ELBOW

SWIVEL



Product No	Tubing O.D. in	Thread (M) NPT
40.220	1/8	1/16
40.218	1/8	10-32◇
40.225	1/8	1/8
40.235	5/32	10-32◇
40.240	5/32	1/8
40.245	5/32	1/4
40.248	1/4	10-32◇
40.250	1/4	1/8
40.255	1/4	1/4
40.260	1/4	3/8
40.265	5/16	1/8
40.270	5/16	1/4
40.271	5/16	3/8
40.273	3/8	1/8
40.275	3/8	1/4
40.280	3/8	3/8
40.285	3/8	1/2
40.290	1/2	1/4
40.295	1/2	3/8
40.300	1/2	1/2

LONG SWIVEL



Product No	Tubing O.D. in	Thread (M) NPT
40.781	5/32	10-32◇
40.782	5/32	1/8
40.785	1/4	1/8
40.786	1/4	1/4
40.788	5/16	1/8
40.789	5/16	1/4
40.790	5/16	3/8
40.792	3/8	1/4
40.793	3/8	3/8
40.797	1/2	3/8
40.798	1/2	1/2

10-32 ◇: (M) UNF

SWIVEL



Product No	Tubing O.D. in	Thread (M) NPT	Max RPM
40.600	1/4	1/8	500
40.601	1/4	1/4	500
40.602	5/16	1/8	400
40.603	5/16	1/4	400
40.604	3/8	3/8	300
40.605	3/8	1/2	300
40.606	1/2	3/8	250
40.607	1/2	1/2	250

*With build-in ball bearing

BANJO



Specially designed to facilitate the connection of a tubing with a male threaded connection with a 90° angle

Ideal when there are multiple fittings in a confined space



Product No	Tubing O.D. in	Thread (M) NPT
40.950	5/32	10-32◇
40.951	5/32	1/8
40.952	1/4	10-32◇
40.953	1/4	1/8
40.949	1/4	1/4
40.954	5/16	1/8
40.955	5/16	1/4
40.957	3/8	1/4
40.958	3/8	3/8
40.959	1/2	3/8
40.960	1/2	1/2

10-32 ◇: (M) UNF

LINK-UP BANJO



Product No	Tubing O.D. mm	Thread (M) NPT
40.703	8	1/8
40.706	12	3/8

MALE BRANCH TEE

SWIVEL



Product No	Tubing O.D. in	Thread (M) NPT
40.335	1/8	1/8
40.343	5/32	10-32◇
40.345	5/32	1/8
40.350	5/32	1/4
40.360	1/4	1/8
40.365	1/4	1/4
40.370	1/4	3/8
40.375	5/16	1/8
40.380	5/16	1/4
40.385	5/16	3/8
40.390	3/8	1/4
40.395	3/8	3/8
40.400	3/8	1/2
40.405	1/2	1/4
40.410	1/2	3/8
40.415	1/2	1/2

10-32 ◇: (M) UNF

SWIVEL RUN TEE



Product No	Tubing O.D. in	Thread (M) NPT
40.455	1/8	1/8
40.464	5/32	10-32◇
40.465	5/32	1/8
40.467	5/32	1/4
40.475	1/4	1/8
40.480	1/4	1/4
40.485	1/4	3/8
40.490	5/16	1/8
40.495	5/16	1/4
40.500	5/16	3/8
40.505	3/8	1/4
40.510	3/8	3/8
40.515	3/8	1/2
40.520	1/2	1/4
40.525	1/2	3/8
40.530	1/2	1/2

10-32 ◇: (M) UNF

STEM ADAPTER

IN - IN



Product No	Stem O.D. in	Tubing O.D. in
40.580	1/4	5/32
40.581	5/16	5/32
40.582	5/16	1/4
40.583	3/8	1/4
40.585	3/8	5/16
40.584	1/2	1/4
40.586	1/2	5/16
40.587	1/2	3/8

MM - IN



Product No	Stem O.D. mm	Tubing O.D. in
42.820	8	1/4
42.822	10	1/4
42.823	10	5/16
42.825	12	1/4
42.826	12	5/16
42.827	12	3/8

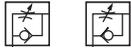
Product No	Tubing O.D. mm	Thread (M) NPT
40.327	6	1/8
40.329	6	1/4
40.330	6	3/8
40.332	10	1/4
40.333	10	3/8
40.334	10	1/2
40.339	12	3/8
40.340	12	1/2

Product No	Tubing O.D. mm	Thread (M) NPT
40.447	6	1/8
40.448	6	1/4
40.449	6	3/8
40.451	10	1/4
40.452	10	3/8

TOPFIT® | POLYMER |  IN  NPT THREAD

SPEED CONTROLLER

WITH FLOW CONTROL VALVE
THREADED ELBOW



Meter-out Product No	Meter-in Product No	Tubing O.D. in	Thread (M) NPT
40.898	40.899	5/32	10-32 ◇
40.900	40.901	5/32	1/8
40.902	40.903	1/4	10-32 ◇
40.904	40.905	1/4	1/8
40.906	40.907	1/4	1/4
40.908	40.909	5/16	1/8
40.910	40.911	5/16	1/4
40.912	40.913	5/16	3/8
40.916	40.917	3/8	1/4
40.918	40.919	3/8	3/8
40.922	40.923	1/2	3/8
40.924	40.925	1/2	1/2

10-32 ◇ : (M) UNF

WITH FLOW CONTROL VALVE
STRAIGHT UNION



Meter-out Product No	Tubing O.D. in
40.890	5/32
40.891	1/4
40.892	5/16
40.893	3/8
40.894	1/2

WITHOUT FLOW CONTROL VALVE
THREADED ELBOW



Product No	Tubing O.D. in	Thread (M) NPT
40.870	1/4	10-32 ◇
40.871	1/4	1/8
40.872	1/4	1/4
40.874	5/16	1/8
40.875	5/16	1/4
40.876	5/16	3/8
40.878	3/8	1/4
40.879	3/8	3/8
40.880	3/8	1/2
40.882	1/2	3/8
40.883	1/2	1/2

10-32 ◇ : (M) UNF

MINIATURE HAND VALVE

STRAIGHT UNION

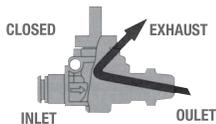


STRAIGHT THREADED



2-Way Product No	3-Way Product No	Tubing O.D. in
40.060	40.070	1/4
40.062	40.072	5/16
40.063	40.073	3/8
40.065	40.075	1/2

2-Way Product No	3-Way Product No	Tubing O.D. in	Thread (M) NPT
40.080	40.090	1/4	1/4
40.082	40.092	5/16	1/4
40.083	40.093	3/8	1/4
40.084	40.094	3/8	3/8
40.087	40.097	1/2	3/8



The 2-Way miniature hand valve does not discharge the residual pressure

The 3-Way miniature hand valve, when closed, discharges residual pressure

MINIATURE BALL VALVE

STRAIGHT UNION



STRAIGHT THREADED



3 WAYS



Product No	Tubing ① O.D. in	Tubing ② O.D. in
40.930	1/4	1/4
40.931	5/16	5/16
40.933	3/8	3/8
40.934	1/2	1/2

Product No	Tubing ① O.D. in	Thread ② (M) NPT
40.940	1/4	1/8
40.941	1/4	1/4
40.942	1/4	3/8
40.943	5/16	1/8
40.944	5/16	1/4
40.945	3/8	1/4
40.946	3/8	3/8
40.947	3/8	1/2

Product No	Tubing O.D. in
40.990	1/4
40.992	3/8

DISTRIBUTOR

DOUBLE TRIPLE UNION



Product No	Tubing ① O.D. in	Tubing ② O.D. in
40.972	3/8	1/4

TRIPLE UNION



Product No	Tubing ① O.D. in	Tubing ② O.D. in
40.976	3/8	1/4

CHECK VALVE

STRAIGHT THREADED



Product No	Tubing O.D. in	Thread (M) NPT
40.980	5/32	1/8
40.981	1/4	1/8
40.982	1/4	1/4

UNION



Product No	Tubing O.D. in
40.985	5/32
40.986*	1/4

* Nickel plated brass

The check valve allows free flow from the inlet and blocks flow in the reverse direction



TOPFIT®

PUSH-TO-CONNECT FITTINGS WITH MINIATURE PRESSURE GAUGE

These miniature pressure gauges built into a push-to-connect fitting, are ideal for lightweight pneumatic systems where reading the current pressure is required.

Reduced in volume and weight compared to classic gauges, they are perfect for robotic installations where every cubic space and minimum of weight are necessary.



Specifications

Maximum working pressure: 150 PSI
 Pressure Range: 0-116 psi
 Working temperature: 0 to 60 °C

Materials

Body: Nickel-Plated Brass
 Polymer: 40.822-40.824 / 40.839-40.841
 Gauge Cover: Acrylic

TOPFIT®

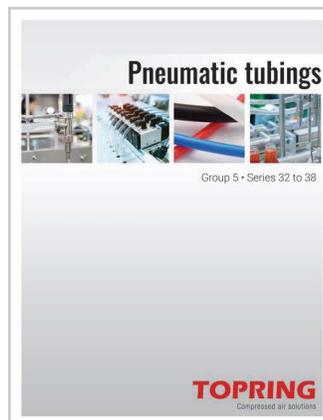
○ IN |
 ○ MM |
 NPT / BSPT THREAD

MALE CONNECTOR		UNION		BULKHEAD		ROD FITTING	
STRAIGHT		STRAIGHT		BULKHEAD		ROD FITTING	
Product No	Thread (M) NPT	Product No	Tubing O.D. in	Product No	Tubing O.D. in	Product No	Tubing O.D. in
40.815	10-32◇	40.822	5/32	40.828	5/32	40.834	5/32
40.816	1/8	40.823	1/4	40.829	1/4	40.835	1/4
40.817	1/4	40.824	5/16	40.830	5/16	40.836	5/16
10-32 ◇: (M) UNF							
Product No	Thread (M) BSPT	Product No	Tubing O.D. mm	Product No	Tubing O.D. mm	Product No	Tubing O.D. mm
42.834	M5*	42.839	4	42.850	4	42.855	4
42.835	1/8	42.840	6	42.851	6	42.856	6
42.836	1/4	42.841	8	42.852	8	42.857	8

*Metric thread

Consult series 32 to 39 to see the complete pneumatic tubing offer from TOPRING

- Selection guide and criterias to choose the right tubing for the application
- Large choice of pneumatic tubing and hoses



TOPFIT®

POLYMER



BSPT THREAD

MALE ELBOW

SWIVEL



Product No	Tubing O.D. mm	Thread (M) BSPT
42.594	4	M3*
42.595	4	M5*
42.600	4	1/8
42.603	4	1/4
42.613	6	M5*
42.614	6	M6*
42.615	6	1/8
42.620	6	1/4
42.623	6	3/8
42.625	8	1/8
42.630	8	1/4
42.632	8	3/8
42.633	10	1/8
42.635	10	1/4
42.636	10	3/8
42.634	10	1/2
42.637	12	1/4
42.638	12	3/8
42.639	12	1/2

* Metric thread

Product No	Tubing O.D. in	Thread (M) BSPT
42.025	1/4	1/8
42.026	1/4	1/4
42.027	1/4	3/8
42.029	3/8	1/8
42.030	3/8	1/4
42.031	3/8	3/8
42.032	3/8	1/2
42.034	1/2	1/4
42.035	1/2	3/8
42.036	1/2	1/2

LONG SWIVEL



Product No	Tubing O.D. mm	Thread (M) BSPT
42.781	4	M5*
42.782	4	1/8
42.785	6	1/8
42.786	6	1/4
42.788	8	1/8
42.789	8	1/4
42.790	8	3/8
42.792	10	1/4
42.793	10	3/8
42.797	12	3/8
42.798	12	1/2

* Metric thread

BANJO



Product No	Tubing O.D. mm	Thread (M) BSPT
42.948	4	M5*
42.950	4	1/8
42.953	6	1/8
42.954	6	1/4
42.956	8	1/8
42.957	8	1/4
42.960	10	1/4
42.961	10	3/8
42.963	12	3/8
42.964	12	1/2

* Filetage métrique

Product No	Tubing O.D. in	Thread (M) BSPT
42.968	1/4	1/8
42.969	1/4	1/4
42.971	3/8	1/4
42.972	3/8	3/8
42.975	1/2	3/8
42.976	1/2	1/2

Specially designed to facilitate the connection of a tubing with a male threaded connection with a 90° angle

Ideal when there are multiple fittings in a confined space



BANJO PRISE HEXAGONALE CREUSE



Product No	Tubing O.D. mm	Thread (M) BSPT
42.700	4	M5*

"Y" BANJO



Product No	Tubing O.D. mm	Thread (M) BSPT
42.815	6	1/8

DOUBLE BANJO



Product No	Tubing O.D. mm	Thread (M) BSPT
42.780	6	1/8

ON TRIPOD



Product No	Tubing O.D. mm	Thread (M) BSPT
42.845	10	3/8

SWIVEL 45°



Product No	Tubing O.D. mm	Thread (M) BSPT
42.690	4	1/8

SOCKET ELBOW

MM - MM



Product No	Tubing O.D. mm	Stem O.D. mm
42.458	6	6
42.461	8	8
42.462	10	8
42.463	10	10

FEMALE CONNECTOR

STRAIGHT



Product No	Tubing O.D. mm	Thread (M) BSPT
42.203	4	1/8
42.205	6	1/8
42.210	6	1/4
42.215	8	1/8
42.212	8	1/4
42.213	8	3/8
42.216	10	1/4

PLUG



Product No	O.D. mm
42.430	4
42.435	6
42.440	8
42.445	10
42.450	12

STEM REDUCER

MM - MM



Product No	Stem O.D. mm	Tubing O.D. mm
42.586	6	4
42.588	8	6
42.470	10	6
42.472	12	6
42.590	10	8
42.592	12	10

IN - MM



Product No	Stem O.D. mm	Tubing O.D. in
42.820	8	1/4
42.822	10	1/4
42.823	10	5/16
42.825	12	1/4
42.826	12	5/16
42.827	12	3/8

REDUCER

STRAIGHT UNION



Product No	Tubing O.D. mm	Tubing O.D. mm
42.233	6	4
42.238	8	6
42.243	10	8
42.248	12	10

Product No	Tubing O.D. in	Thread (M) BSPT
42.190	1/4	1/8
42.191	1/4	1/4
42.192	1/4	3/8
42.194	3/8	1/4
42.195	3/8	3/8
42.197	1/2	1/4
42.198	1/2	3/8
42.199	1/2	1/2

TOPFIT® | POLYMER |  IN |  MM |  BSPT THREAD

MALE CONNECTOR

STRAIGHT



Product No	Tubing O.D. mm	Thread (M) BSPT
42.099	4	M3*
42.100	4	M5*
42.105	4	1/8
42.110	4	1/4
42.115	6	M5*
42.116	6	M6*
42.130	6	1/8
42.135	6	1/4
42.136	6	3/8
42.140	8	1/8
42.145	8	1/4
42.150	8	3/8
42.153	10	1/8
42.155	10	1/4
42.160	10	3/8
42.161	10	1/2
42.163	12	1/4
42.165	12	3/8
42.170	12	1/2

* Metric thread

Product No	Tubing D.E. in	Thread (M) BSPT
42.002	1/4	1/8
42.003	1/4	1/4
42.004	1/4	3/8
42.006	3/8	1/8
42.007	3/8	1/4
42.008	3/8	3/8
42.009	3/8	1/2
42.011	1/2	1/4
42.012	1/2	3/8
42.013	1/2	1/2

HEXAGONAL HOLE



Product No	Tubing O.D. mm	Thread (M) BSPT
42.039	4	M5*
42.041	4	1/8
42.038	6	M5*
42.042	6	1/8
42.043	6	1/4
42.044	8	1/8
42.045	8	1/4
42.046	8	3/8
42.047	10	1/4
42.048	10	3/8
42.049	12	3/8
42.050	12	1/2

* Metric thread

Product No	Tubing D.E. in	Thread (M) BSPT
42.016	1/4	1/8
42.017	1/4	1/4
42.019	3/8	1/4
42.020	3/8	3/8
42.021	3/8	1/2

Allen key type mounting
For side by side installation



"Y"



Product No	Tubing O.D. mm	Thread (M) BSPT
42.708	4	M5*
42.710	4	1/8
42.720	6	1/8
42.725	6	1/4
42.735	8	1/8
42.740	8	1/4
42.745	8	3/8
42.754	10	1/4
42.755	10	3/8
42.760	12	3/8
42.761	12	1/2

* Metric thread

Product No	Tubing D.E. in	Thread (M) BSPT
42.766	1/4	1/8
42.767	1/4	1/4
42.768	1/4	3/8
42.770	3/8	1/8
42.771	3/8	1/4
42.772	3/8	3/8
42.773	3/8	1/2
42.775	1/2	1/4
42.776	1/2	3/8
42.777	1/2	1/2

MALE BRANCH TEE

SWIVEL



Product No	Tubing O.D. mm	Thread (M) BSPT
42.640	4	M5*
42.645	4	1/8
42.646	4	1/4
42.660	6	1/8
42.662	6	1/4
42.665	6	3/8
42.670	8	1/8
42.675	8	1/4
42.676	8	3/8
42.680	10	1/4
42.681	10	3/8
42.683	12	1/4
42.684	12	3/8
42.685	12	1/2

* Metric thread

Product No	Tubing D.E. in	Thread (M) BSPT
42.324	1/4	1/8
42.325	1/4	1/4
42.326	1/4	3/8
42.328	3/8	1/8
42.329	3/8	1/4
42.330	3/8	3/8
42.331	3/8	1/2
42.333	1/2	1/4
42.334	1/2	3/8
42.335	1/2	1/2

SWIVEL RUN TEE



Product No	Tubing O.D. mm	Thread (M) BSPT
42.475	4	M5*
42.477	4	1/8
42.481	6	1/8
42.482	6	1/4
42.485	8	1/8
42.486	8	1/4
42.487	8	3/8
42.490	10	1/4
42.491	10	3/8
42.495	12	3/8
42.496	12	1/2

* Metric thread

Product No	Tubing D.E. in	Thread (M) BSPT
42.500	1/4	1/8
42.501	1/4	1/4
42.502	1/4	3/8
42.504	3/8	1/8
42.505	3/8	1/4
42.506	3/8	3/8
42.507	3/8	1/2
42.509	1/2	1/4
42.510	1/2	3/8
42.511	1/2	1/2

UNION

STRAIGHT



Product No	Tubing O.D. mm
42.230	4
42.235	6
42.240	8
42.245	10
42.250	12

ELBOW



Product No	Tubing O.D. mm
42.260	4
42.270	6
42.275	8
42.280	10
42.285	12

TEE



Product No	Tubing O.D. mm
42.295	4
42.305	6
42.310	8
42.315	10
42.320	12

BULKHEAD



Product No	Tubing O.D. mm
42.560	4
42.570	6
42.575	8
42.580	10
42.585	12

"Y"



Product No	Tubing ① O.D. mm	Tubing ② O.D. mm
42.540	4	4
42.543	4	6
42.545	6	6
42.548	6	8
42.550	8	8
42.551	8	10
42.552	10	10
42.553	10	12
42.554	12	12

"Y" ON STEM MM - MM



Product No	Tubing O.D. mm	Tubing O.D. mm
42.830	8	8

TOPFIT®

POLYMER



IN



MM



BSPT THREAD

SPEED CONTROLLER

WITH FLOW CONTROL VALVE

THREADED ELBOW



Meter-out Product No	Meter-in Product No	Tubing O.D. mm	Thread (M) BSPT
42.902	42.903	4	M5*
42.904	42.905	4	1/8
42.908	42.909	6	M5*
42.910	42.911	6	1/8
42.912	42.913	6	1/4
42.916	42.917	8	1/8
42.918	42.919	8	1/4
42.920	42.921	8	3/8
42.922	42.923	8	1/2
42.924	42.925	10	1/4
42.926	42.927	10	3/8
42.930	42.931	12	3/8
42.932	42.933	12	1/2

* Metric thread

WITH FLOW CONTROL VALVE

STRAIGHT UNION



Meter-out Product No	Tubing O.D. mm
42.890	4
42.891	6
42.892	8
42.893	10
42.894	12

WITHOUT FLOW CONTROL VALVE

THREADED ELBOW



Product No	Tubing O.D. mm	Thread (M) BSPT
42.870	4	M5*
42.873	6	1/8
42.874	6	1/4
42.876	8	1/8
42.877	8	1/4
42.878	8	3/8
42.880	10	1/4
42.881	10	3/8
42.883	12	3/8
42.884	12	1/2

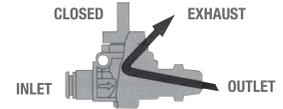
* Metric thread

MINIATURE HAND VALVE

STRAIGHT UNION



2-Way Product No	3-Way Product No	Tubing O.D. mm
42.070	42.060	4
42.071	42.061	6
42.073	42.063	8
42.074	42.064	10



The 2-Way miniature hand valve does not discharge the residual pressure

The 3-Way miniature hand valve, when closed, discharge residual pressure

CABINET OFFERS WITH A SELECTION OF OUR MOST POPULAR PUSH-TO-CONNECT FITTINGS

Each offer includes:

- Selection of our most popular polymer push-to-connect fittings for each Series
- Cabinet of 20 drawers or 60 drawers
- Stickers with product code, product description and picture

Product No	Description	Series	Tubing diameter and thread	Cabinet
TOPFIT Cabinets				
95.017.02	840 products / 64 SKUs	40	in / NPT	60 drawers
95.017A.02	1055 products / 64 SKUs	40	in / NPT	60 drawers
95.012.02	320 products / 32 SKUs	42	mm / BSPT	20 drawers
MAXFIT Cabinets				
95.017	840 products / 64 SKUs	44	in / NPT	60 drawers
95.017A	1055 products / 64 SKUs	44	in / NPT	60 drawers
95.012	320 products / 32 SKUs	46	mm / BSPT	20 drawers



Cabinet dimensions (in)

20 drawers : L 23 x H 14 x D 8.75

60 drawers : L 23 x H 37 x D 8.75

TOPFIT® PUSH-TO-CONNECT FITTINGS

For compressed air, vacuum, food processing, chemical products, medical, manufacturing of semiconductors.

Quick Connect

One-piece fitting saves over 75% of assembly time compared to standard compression fittings

Instantaneous connection/disconnection

Designed for fast assembly and disassembly without tools

Full-flow design

Provides up to 60% more flow than compression fittings

Fully reusable

Designed to resist multiple connections and disconnections with leak-free operations and solid tube gripping

Positive seal

Proper insertion of the tubing in the fitting creates seal

Self-contained assembly

No loose parts or inserts



316 STAINLESS STEEL

Materials

Push-to-connect fittings made from components and materials that meet the FDA requirements (Food and Drug Administration)

Body and Ring: 316 Stainless Steel

Lock Claws: 316 Stainless Steel

O-Ring: FKM (fluoroelastomer)

Specifications

Working Pressure:

Fitting suitable for use up to maximum working pressure of plastic tubing used

Maximum Working Pressure: 217 PSI

Suitable for vacuum service: to 28" Hg

Working Temperature: -15 to 120 °C

TOPFIT®

STAINLESS STEEL 316



NPT THREAD

MALE CONNECTOR

STRAIGHT



Product No	Tubing O.D. in	Thread (M) NPT
43.000	5/32	1/8
43.003	1/4	1/8
43.006	1/4	1/4
43.009	5/16	1/8
43.012	5/16	1/4
43.015	5/16	3/8
43.018	3/8	1/4
43.021	3/8	3/8
43.024	1/2	1/4
43.027	1/2	3/8
43.030	1/2	1/2

MALE ELBOW

SWIVEL



Product No	Tubing O.D. in	Thread (M) NPT
43.040	5/32	1/8
43.043	1/4	1/8
43.046	1/4	1/4
43.049	5/16	1/8
43.052	5/16	1/4
43.055	5/16	3/8
43.058	3/8	1/8
43.061	3/8	1/4
43.064	3/8	3/8
43.067	1/2	1/4
43.070	1/2	3/8
43.073	1/2	1/2

UNION

STRAIGHT



Product No	Tubing O.D. in
43.200	5/32
43.203	1/4
43.206	5/16
43.209	3/8
43.212	1/2

ELBOW



Product No	Tubing O.D. in
43.280	5/32
43.283	1/4
43.286	5/16
43.289	3/8
43.292	1/2

TEE



Product No	Tubing O.D. in
43.332	5/32
43.320	1/4
43.329	5/16
43.323	3/8
43.326	1/2

BULKHEAD



Product No	Tubing O.D. in
43.250	1/4
43.253	5/16
43.256	3/8
43.259	1/2

STEM REDUCER

IN - IN



Product No	Stem O.D. in	Tubing O.D. in
43.233	3/8	1/4

MALE BRANCH TEE

SWIVEL TEE



Product No	Tubing O.D. in	Thread (M) NPT
43.150	5/32	1/8
43.153	1/4	1/8
43.156	1/4	1/4
43.159	5/16	1/8
43.162	5/16	1/4
43.165	5/16	3/8
43.168	3/8	1/4
43.171	3/8	3/8
43.174	1/2	1/4
43.177	1/2	3/8
43.180	1/2	1/2

SWIVEL RUN TEE



Product No	Tubing O.D. in	Thread (M) NPT
43.090	5/32	1/8
43.093	1/4	1/8
43.096	1/4	1/4
43.099	5/16	1/8
43.102	5/16	1/4
43.105	5/16	3/8
43.111	3/8	1/4
43.114	3/8	3/8
43.117	1/2	1/4
43.120	1/2	3/8
43.123	1/2	1/2

TOPFIT®

STAINLESS STEEL 316

MM



BSPT THREAD

MALE CONNECTOR

STRAIGHT



Product No	Tubing O.D. mm	Thread (M) BSPT
43.500	4	M5*
43.503	4	1/8
43.506	6	M5*
43.509	6	1/8
43.512	6	1/4
43.515	8	1/8
43.518	8	1/4
43.521	10	1/4
43.524	10	3/8
43.527	12	3/8
43.530	12	1/2
43.533	16	1/2

*Metric thread

HEXAGONAL HOLE



Product No	Tubing O.D. mm	Thread (M) BSPT
43.880	4	M5*
43.883	4	1/8
43.886	6	M5*
43.889	6	1/8
43.892	6	1/4
43.895	8	1/8
43.898	8	1/4
43.901	10	1/4
43.904	10	3/8
43.907	12	3/8
43.910	12	1/2
43.913	16	1/2

*Metric thread

Allen key type mounting
For side by side installation



MALE ELBOW

SWIVEL



Product No	Tubing O.D. mm	Thread (M) BSPT
43.540	4	M5*
43.543	4	1/8
43.546	6	M5*
43.549	6	1/8
43.552	6	1/4
43.555	8	1/8
43.558	8	1/4
43.561	10	1/4
43.564	10	3/8
43.567	12	3/8
43.570	12	1/2
43.573	16	1/2

*Metric thread

MALE BRANCH

SWIVEL TEE



Product No	Tubing O.D. mm	Thread (M) BSPT
43.590	4	1/8
43.593	6	M5*
43.596	6	1/8
43.599	6	1/4
43.602	8	1/8
43.605	8	1/4
43.608	10	1/4
43.611	10	3/8
43.614	12	3/8
43.617	12	1/2
43.620	16	1/2

*Metric thread

UNION

STRAIGHT



Product No	Tubing O.D. mm
43.700	4
43.703	6
43.706	8
43.709	10
43.712	12
43.715	16

ELBOW



Product No	Tubing O.D. mm
43.780	4
43.783	6
43.786	8
43.789	10
43.792	12
43.795	16

TEE



Product No	Tubing O.D. mm
43.820	4
43.823	6
43.826	8
43.829	10
43.832	12
43.835	16

BULKHEAD



Product No	Tubing O.D. mm
43.745	4
43.747	6
43.748	8
43.749	10
43.751	12
43.753	16

"Y"



Product No	Tubing O.D. mm
43.850	4
43.853	6
43.856	8
43.859	10
43.862	12
43.865	16

REDUCER

UNION



Product No	Tubing ① O.D. mm	Tubing ② O.D. mm
43.730	6	4
43.733	8	6
43.736	10	8
43.739	12	10
43.742	16	12

STEM REDUCER

MM - MM



Product No	Stem O.D. mm	Tubing O.D. mm
43.720	6	4
43.723	8	6
43.726	10	8

MAXFIT®

PUSH-TO-CONNECT FITTINGS

POLYMER

Features and benefits

Quick connect design

One-piece fitting saves over 75% of assembly time compared to standard compression fittings

Compact design

Allows fittings to be closely mounted

Optimum flow

No part of the fitting goes inside the tubing - unrestricted tubing I.D. allows for maximum airflow

Quick and easy connection

Wide release collar allows fast and trouble-free tubing removal

Instantaneous connection / disconnection

Designed for fast assembly, disassembly and reassembly without tools

Fully reusable

Designed for multiple connections and disconnections with leak-free operations and solid tubing gripping

Tubing size identification

Tubing diameter indicated on release collar

Corrosion resistant threaded fittings

All threaded fittings are made of nickel-plated brass

Applications

Compressed air and vacuum

Materials

Body: Polymer (PBT)

Release Collar: Polyacetal resin

Threaded Body: Nickel-plated brass

Lock Claws: Stainless steel

O-Ring: Nitrile rubber

Needle: Nickel-plated brass

Lock Nut: Aluminum

Elastic Sleeve: Nitrile rubber

Adjusting Screw: Nickel-plated brass

Specifications

Maximum Working Pressure: 150 PSI

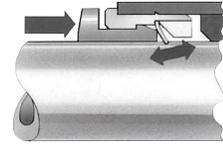
Working Temperature: 0 to 60 °C

NPT Thread / series 44:

Tubing diameter in inches (imperial)

BSPT Thread / series 46:

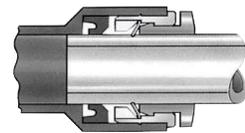
Tubing diameter in millimeters (metric)



POSITIVE GRIPPING ACTION

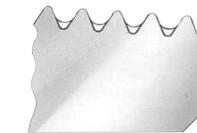
Stainless steel lock claws hold the tubing securely without damaging its surface

Vibration and pressure surges are safely absorbed to prevent accidental disconnections



PERFECT SEAL

A nitrile rubber elastic sleeve guarantees a perfect seal between standard O.D. tubing and the body of the fitting



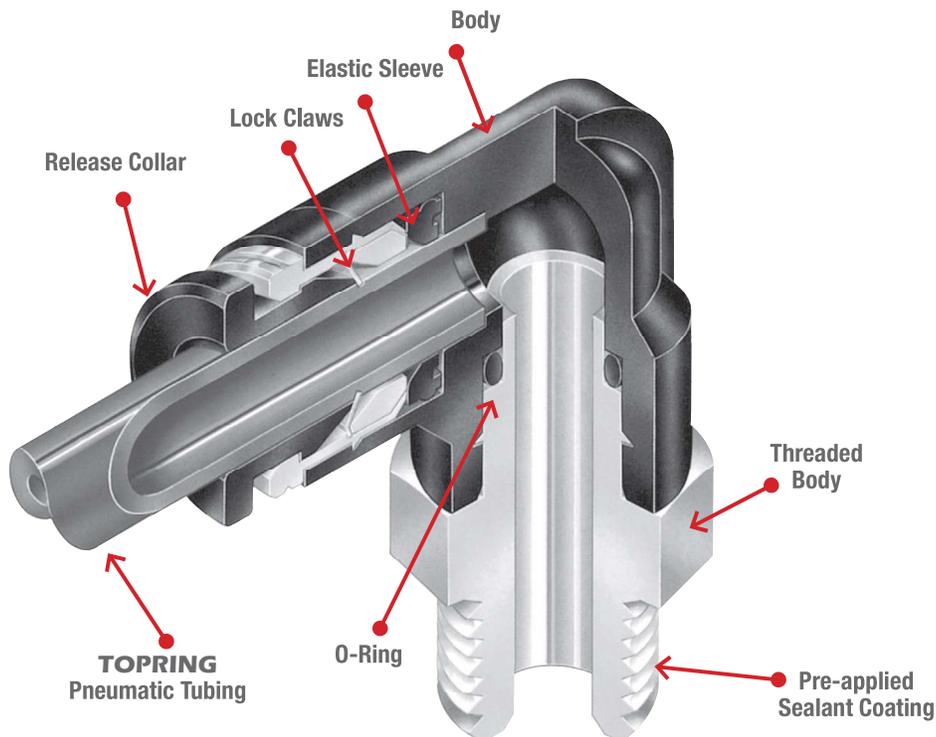
READY-TO-USE THREADS

Male threads have a pre-applied sealant which allows the fitting to be reused up to five times without the need for additional sealants



SWIVEL

Swivel elbows and tees can be oriented after installation for a perfect alignment with the tubing



MAXFIT® | POLYMER | O IN

MALE CONNECTOR

STRAIGHT



Product No	Tubing O.D. in	Thread (M) NPT
44.101	1/8	10-32 ◇
44.105	1/8	1/8
44.115	5/32	10-32 ◇
44.120	5/32	1/8
44.125	5/32	1/4
44.128	1/4	10-32 ◇
44.130	1/4	1/8
44.135	1/4	1/4
44.140	1/4	3/8
44.145	5/16	1/8
44.150	5/16	1/4
44.155	5/16	3/8
44.159	3/8	1/8
44.160	3/8	1/4
44.165	3/8	3/8
44.170	3/8	1/2
44.175	1/2	1/4
44.180	1/2	3/8
44.185	1/2	1/2

10-32 ◇: (M) UNF

HEXAGONAL HOLE



Product No	Tubing O.D. in	Thread (M) NPT
44.047	5/32	1/8
44.048	1/4	1/8
44.049	1/4	1/4
44.053	5/16	1/8
44.054	5/16	1/4
44.057	3/8	1/4
44.059	3/8	3/8

Allen key type mounting
For side by side installation



"Y"



Product No	Tubing O.D. in	Thread (M) NPT
44.720	1/4	1/8
44.725	1/4	1/4
44.730	1/4	3/8
44.750	3/8	1/4
44.755	3/8	3/8
44.760	3/8	1/2
44.775	1/2	1/2

FEMALE CONNECTOR

STRAIGHT



Product No	Tubing O.D. in	Thread (F) NPT
44.801	1/8	1/8
44.802	5/32	1/8
44.804	1/4	1/8
44.805	1/4	1/4
44.807	5/16	1/4
44.809	3/8	1/4
44.810	3/8	3/8
44.811	1/2	1/4
44.812	1/2	3/8

BULKHEAD



Product No	Tubing O.D. in	Thread (F) NPT
44.633	1/4	1/8
44.635	1/4	1/4
44.637	5/16	3/8
44.638	5/16	1/4
44.639	3/8	1/4
44.640	3/8	3/8
44.641	1/2	3/8
44.642	1/2	1/2

UNION

STRAIGHT



Product No	Tubing O.D. in
44.190	1/8
44.195	5/32
44.200	1/4
44.205	5/16
44.210	3/8
44.215	1/2

ELBOW



Product No	Tubing O.D. in
44.304	1/8
44.305	5/32
44.310	1/4
44.315	5/16
44.320	3/8
44.325	1/2

TEE



Product No	Tubing O.D. in
44.420	1/8
44.425	5/32
44.430	1/4
44.435	5/16
44.440	3/8
44.445	1/2

"Y"



Product No	Tubing ① O.D. in	Tubing ② O.D. in
44.535	1/8	1/8
44.540	5/32	5/32
44.545	1/4	1/4
44.550	5/16	5/16
44.552	3/8	3/8
44.553	1/2	3/8
44.554	1/2	1/2

BULKHEAD



Product No	Tubing O.D. in
44.650	5/32
44.655	1/4
44.660	5/16
44.665	3/8
44.670	1/2

MALE ELBOW

SWIVEL



Product No	Tubing O.D. in	Thread (M) NPT
44.218	1/8	10-32 ◇
44.225	1/8	1/8
44.235	5/32	10-32 ◇
44.240	5/32	1/8
44.245	5/32	1/4
44.248	1/4	10-32 ◇
44.250	1/4	1/8
44.255	1/4	1/4
44.260	1/4	3/8
44.265	5/16	1/8
44.270	5/16	1/4
44.271	5/16	3/8
44.273	3/8	1/8
44.275	3/8	1/4
44.280	3/8	3/8
44.285	3/8	1/2
44.290	1/2	1/4
44.295	1/2	3/8
44.300	1/2	1/2

10-32 ◇: (M) UNF

BANJO



Product No	Tubing O.D. in	Thread (M) NPT
44.825	1/4	1/8
44.826	1/4	1/4
44.828	5/16	1/4
44.829	3/8	1/4

Specially designed to facilitate the connection of a tubing with a male threaded connection with a 90° angle

Ideal when there are multiple fittings in a confined space



REDUCER

STRAIGHT UNION



Product No	Tubing ① O.D. in	Tubing ② O.D. in
44.198	5/32	1/4
44.204	3/8	1/4
44.203	1/4	5/16
44.208	5/16	3/8
44.213	3/8	1/2

TEE



Product No	Tubing ① O.D. in	Tubing ② O.D. in
44.576	5/16	1/4
44.577	3/8	1/4
44.579	1/2	3/8

STEM IN - IN



Product No	Stem ① O.D. in	Tubing ② O.D. in
44.580	1/4	5/32
44.582	5/16	1/4
44.583	3/8	1/4
44.584	3/8	5/16
44.585	1/4	1/2
44.587	1/2	3/8

MAXFIT® | **POLYMER** | **○ IN** | **▧ NPT**

MALE BRANCH TEE

SWIVEL



Product No	Tubing O.D. in	Thread (M) NPT
44.340	1/8	1/8
44.343	5/32	10-32 ◇
44.345	5/32	1/8
44.350	5/32	1/4
44.360	1/4	1/8
44.365	1/4	1/4
44.370	1/4	3/8
44.375	5/16	1/8
44.380	5/16	1/4
44.385	5/16	3/8
44.390	3/8	1/4
44.395	3/8	3/8
44.400	3/8	1/2
44.405	1/2	1/4
44.410	1/2	3/8
44.415	1/2	1/2

10-32 ◇ : (M) UNF

SWIVEL RUN TEE



Product No	Tubing O.D. in	Thread (M) NPT
44.475	1/4	1/8
44.480	1/4	1/4
44.485	1/4	3/8
44.490	5/16	1/8
44.495	5/16	1/4
44.505	3/8	1/4
44.510	3/8	3/8

SPEED CONTROLLER

**WITH FLOW CONTROL VALVE
THREADED ELBOW**



Meter-out Product No	Meter-in Product No	Tubing O.D. in	Thread (M) NPT
44.898	--	5/32	10-32 ◇
44.900	44.901	5/32	1/8
44.902	44.903	1/4	10-32 ◇
44.904	44.905	1/4	1/8
44.962*	--	1/4	1/8
44.908	44.909	1/4	1/4
44.964*	--	1/4	1/4
44.916	44.917	5/16	1/4
44.918	44.919	5/16	3/8
44.910	44.911	3/8	1/4
44.974*	--	3/8	1/4
44.912	44.913	3/8	3/8
44.975*	--	3/8	3/8
44.924	--	1/2	1/2

10-32 ◇ : (M) UNF

* Precise adjustment with screwdriver

**WITH FLOW CONTROL VALVE
STRAIGHT UNION**



Meter-out Product No	Tubing O.D. in
44.950	5/32
44.952	1/4
44.954	5/16
44.956	3/8
44.958	1/2

**WITHOUT FLOW CONTROL VALVE
THREADED ELBOW**



Product No	Tubing O.D. in	Thread (M) NPT
44.870	1/4	10-32 ◇
44.871	1/4	1/8
44.872	1/4	1/4
44.874	5/16	1/8
44.875	5/16	1/4
44.878	3/8	1/4
44.879	3/8	3/8
44.880	3/8	1/2
44.883	1/2	1/2

10-32 ◇ : (M) UNF

MINIATURE BALL VALVE

STRAIGHT UNION



Product No	Tubing O.D. in	Tubing O.D. in
44.930	1/4	1/4
44.931	5/16	5/16

STRAIGHT THREADED



Product No	Tubing O.D. in ①	Thread (M) NPT ②
44.941	1/4	1/4

MINIATURE HAND VALVE

STRAIGHT UNION



3-Way Product No	Tubing O.D. in
44.070	1/4
44.073	3/8
44.075	1/2

The 3-Way miniature hand valve, when closed, discharges residual pressure

CHECK VALVE

STRAIGHT THREADED UNION

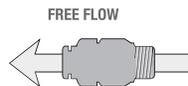


Product No	Tubing O.D. in	Thread (M) NPT
44.981	1/4	1/8

* Nickel plated brass

Product No	Tubing O.D. in
44.985*	5/32
44.986*	1/4

The check valve allows free flow from the inlet and blocks flow in the reverse direction



DISTRIBUTOR

TRIPLE UNION



Product No	Tubing O.D. in ①	Tubing O.D. in ②
44.976	1/4	3/8

PLUG



Product No	O.D. in
44.675	1/8
44.680	5/32
44.685	1/4
44.690	5/16
44.695	3/8
44.700	1/2

MAXFIT® | POLYMER |  MM |  BSPT

MALE CONNECTOR

STRAIGHT



Product No	Tubing O.D. mm	Thread (M) BSPT
46.100	4	M5*
46.105	4	1/8
46.110	4	1/4
46.115	6	M5*
46.116	6	M6*
46.130	6	1/8
46.135	6	1/4
46.136	6	3/8
46.140	8	1/8
46.145	8	1/4
46.150	8	3/8
46.151	8	1/2
46.155	10	1/4
46.160	10	3/8
46.161	10	1/2
46.163	12	1/4
46.165	12	3/8
46.170	12	1/2

*Metric thread

HEXAGONAL HOLE



Product No	Tubing O.D. mm	Thread (M) BSPT
46.039	4	M5*
46.041	4	1/8
46.040	4	1/4
46.038	6	M5*
46.042	6	1/8
46.043	6	1/4
46.044	8	1/8
46.045	8	1/4
46.046	8	3/8
46.047	10	1/4
46.048	10	3/8

*Metric thread

Allen key type mounting
For side by side installation



"Y"



Product No	Tubing O.D. mm	Thread (M) BSPT
46.710	4	1/8
46.715	4	1/4
46.720	6	1/8
46.725	6	1/4
46.740	8	1/4
46.745	8	3/8
46.750	8	1/2

MALE ELBOW

SWIVEL



Product No	Tubing O.D. mm	Thread (M) BSPT
46.595	4	M5*
46.496	4	M5**
46.600	4	1/8
46.603	4	1/4
46.613	6	M5*
46.614	6	M6*
46.615	6	1/8
46.620	6	1/4
46.623	6	3/8
46.625	8	1/8
46.625	8	1/8
46.630	8	1/4
46.632	8	3/8
46.631	8	1/2
46.633	10	1/8
46.635	10	1/4
46.636	10	3/8
46.634	10	1/2
46.637	12	1/4
46.638	12	3/8
46.639	12	1/2

*Metric thread

**Mini Metric thread

MALE BRANCH

SWIVEL TEE



Product No	Tubing O.D. mm	Thread (M) BSPT
46.640	4	M5*
46.645	4	1/8
46.646	4	1/4
46.660	6	1/8
46.662	6	1/4
46.665	6	3/8
46.670	8	1/8
46.675	8	1/4
46.676	8	3/8
46.679	10	1/8
46.680	10	1/4
46.681	10	3/8
46.683	12	1/4

*Metric thread

FEMALE CONNECTOR

STRAIGHT



Product No	Tubing O.D. mm	Thread (F) BSPT
46.205	6	1/8
46.206	6	1/4
46.209	8	1/8
46.210	8	1/4
46.214	10	1/4

UNION

STRAIGHT



Product No	Tubing O.D. mm
46.230	4
46.235	6
46.240	8
46.245	10
46.250	12

ELBOW



Product No	Tubing O.D. mm
46.260	4
46.270	6
46.275	8
46.280	10
46.285	12

TEE



Product No	Tubing O.D. mm
46.295	4
46.305	6
46.310	8
46.315	10
46.320	12

"Y"



Product No	Tubing ① O.D. mm	Tubing ② O.D. mm
46.540	4	4
46.543	6	4
46.545	6	6
46.550	8	8
46.552	10	10

BULKHEAD



Product No	Tubing O.D. mm
46.560	4
46.570	6
46.575	8
46.580	10

PLUG



Product No	O.D. mm
46.430	4
46.435	6
46.440	8
46.445	10
46.450	12

MAXFIT® | POLYMER |  MM |  BSPT

SPEED CONTROLLER

WITH FLOW CONTROL VALVE

THREADED ELBOW



Meter-out Product No	Meter-in Product No	Tubing O.D. mm	Thread (M) BSPT
46.902	--	4	M5*
46.904	--	4	1/8
46.906	--	4	1/4
46.908	46.909	6	M5*
46.910	46.911	6	1/8
46.912	46.913	6	1/4
46.914	46.917	8	1/8
46.916	46.919	8	1/4
46.918	--	8	3/8
46.920	--	8	1/2
46.926		10	3/8

*Metric thread

WITH FLOW CONTROL VALVE

STRAIGHT UNION



Meter-out Product No	Tubing O.D. mm
46.952	4
46.954	6
46.956	8
46.958	10
46.960	12

WITHOUT FLOW CONTROL VALVE

THREADED ELBOW



Product No	Tubing O.D. mm	Thread (M) BSPT
46.870	4	M5*
46.873	6	1/8
46.876	8	1/8
46.877	8	1/4
46.880	10	1/4
46.881	10	3/8
46.883	12	3/8

* Metric thread

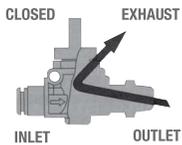
MINIATURE HAND VALVE

STRAIGHT UNION



3-Way Product No	Tubing O.D. mm
46.060	4
46.061	6
46.063	8
46.064	10

When closed, the 3-Way miniature hand valve discharge residual pressure



REDUCER

STRAIGHT



Product No	Tubing O.D. mm	Tubing O.D. mm
46.233	6	4
46.238	8	6
46.243	10	8

STEM REDUCER

MM - IN



Product No	Stem O.D. mm	Tubing O.D. in
46.820	8	1/4
46.822	10	1/4
46.823	10	5/16
46.825	12	1/4
46.827	12	3/8

MM - MM



Product No	Stem O.D. mm	Tubing O.D. mm
46.585	6	4
46.586	8	6
46.587	10	8
46.588	12	10