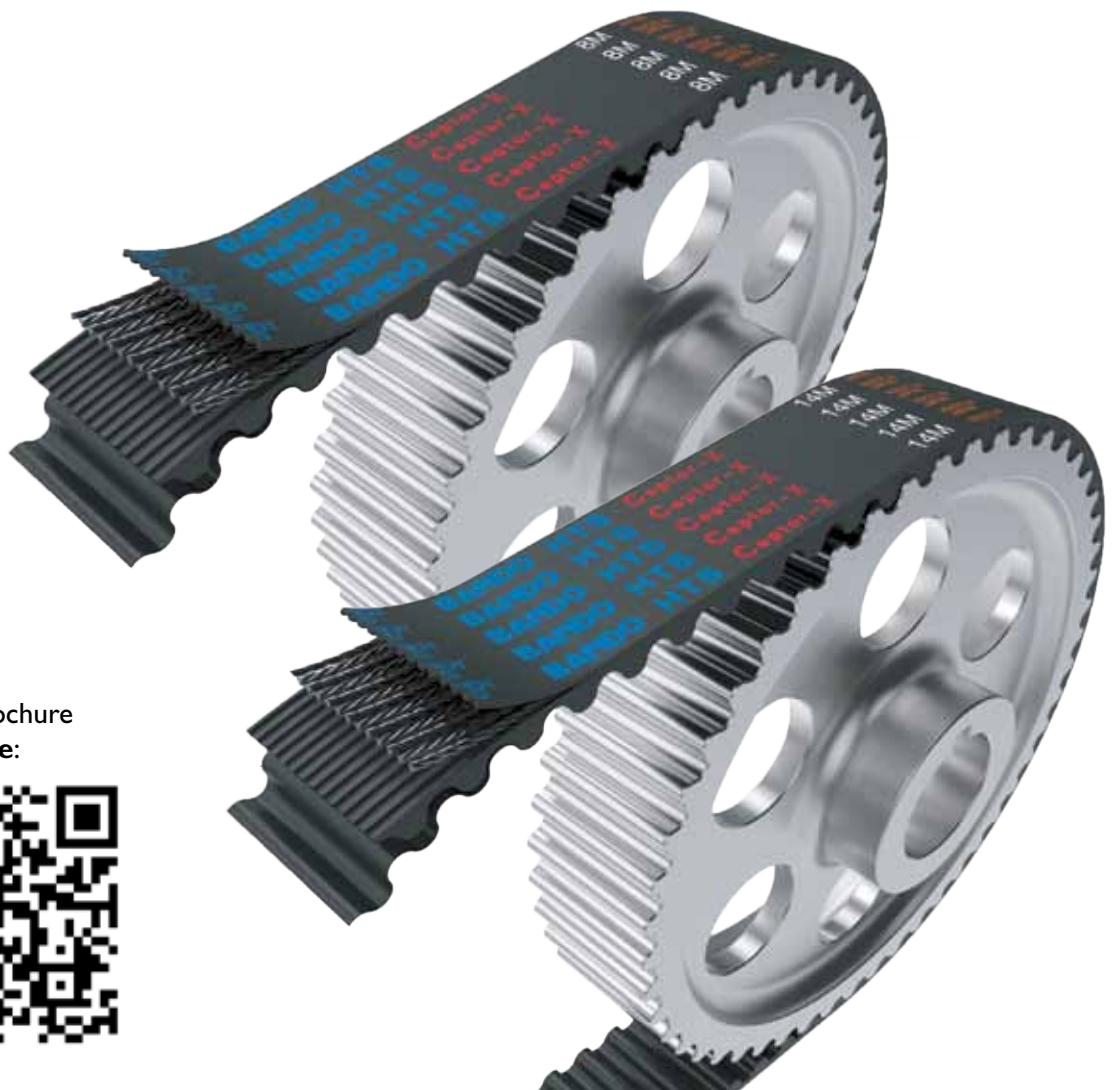




Ceptor®-X HTS

High torque CARBON CORD  
HTS synchronous belt

Ceptor®-X HTS

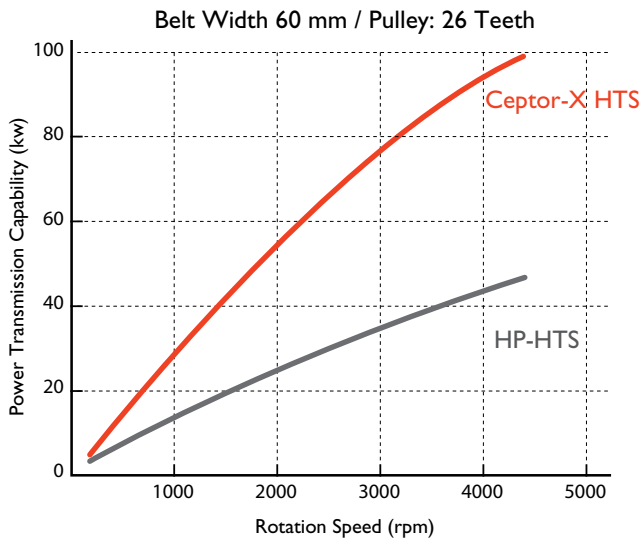


Product brochure  
as PDF-File:

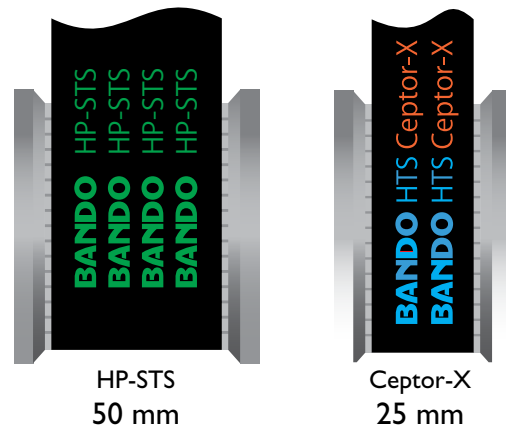


# FEATURES

- Increased transmission capacity provides high-performance in a compact space

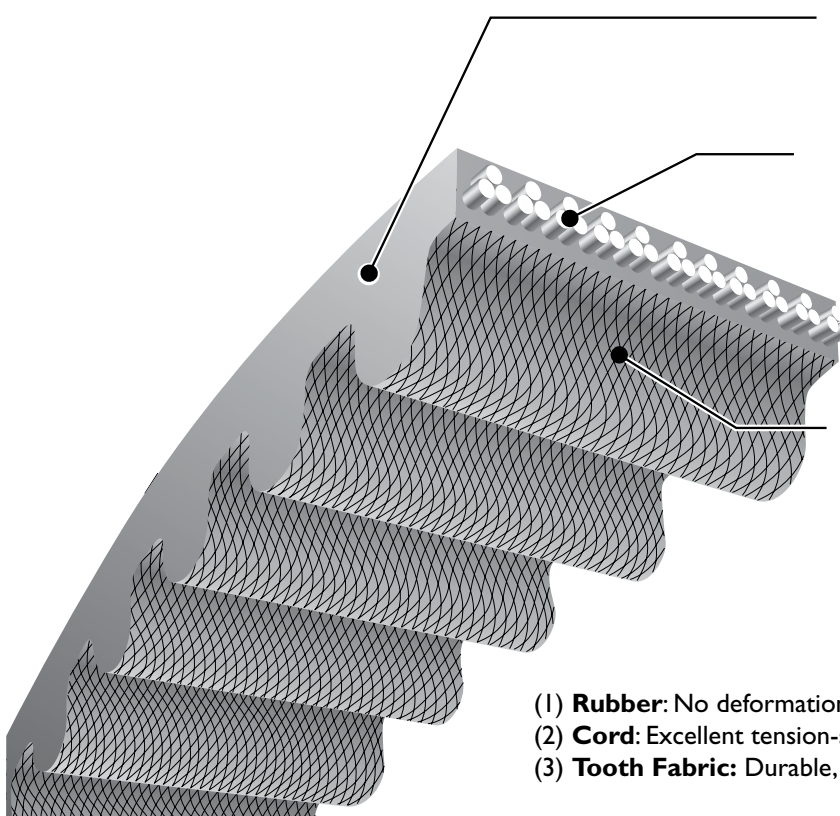


Reduced Belt Width with Ceptor-X



- Longer-lasting belt life decreases maintenance and replacement costs.
- High transmission capacity makes it possible to use even narrower belts and pulleys

# BELT STRUCTURE

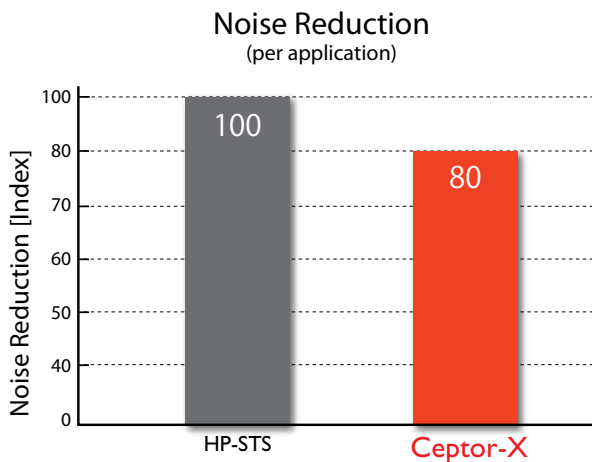


- 1. Tooth Rubber**  
HNBR
- 2. Tension Member**  
Carbon
- 3. Tooth Fabric**  
Special coated  
Nylon Fabric

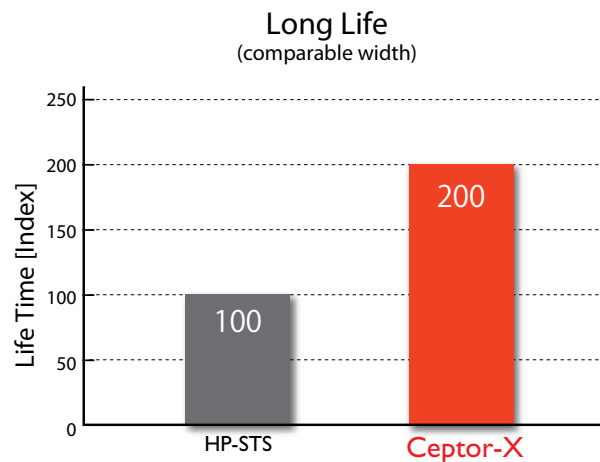
- (1) **Rubber:** No deformation of teeth - hard flexible synthetic rubber
- (2) **Cord:** Excellent tension-sustaining, high-strength carbon
- (3) **Tooth Fabric:** Durable, anti-wear canvas prevents tooth shear

# PERFORMANCE

- **Layout flexibility:** can use backside idler pulley
- **Noise:** quieter than “polyurethane” synchronous belt



Low noise results from narrower belt width (approximately 20%) compared to HP-STs.



Due to strong carbon cords and wear-resistant canvas surface, there is minimal belt stretch and tooth wear, increasing durability and service life of the belt.

**Runs on primary and 2nd generation “H” pulleys.**



Designed for 2nd Generation H-Profiles.



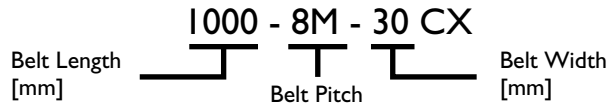
Suitable for H-Profiles



# Product Line-Up

## HTS Ceptor® X 8M

### Part Number Example



Description	Pitch Length (mm)	No. of Teeth
384-8MC-X	384	48
424-8MC-X	424	53
480-8MC-X	480	60
560-8MC-X	560	70
600-8MC-X	600	75
624-8MC-X	624	78
640-8MC-X	640	80
656-8MC-X	656	82
680-8MC-X	680	85
720-8MC-X	720	90
760-8MC-X	760	95
800-8MC-X	800	100
840-8MC-X	840	105
856-8MC-X	856	107
880-8MC-X	880	110
896-8MC-X	896	112
920-8MC-X	920	115
960-8MC-X	960	120
1000-8MC-X	1000	125
1040-8MC-X	1040	130

Description	Pitch Length (mm)	No. of Teeth
1056-8MC-X	1056	132
1064-8MC-X	1064	133
1080-8MC-X	1080	135
1120-8MC-X	1120	140
1152-8MC-X	1152	144
1160-8MC-X	1160	145
1184-8MC-X	1184	148
1192-8MC-X	1192	149
1200-8MC-X	1200	150
1224-8MC-X	1224	153
1248-8MC-X	1248	156
1264-8MC-X	1264	158
1280-8MC-X	1280	160
1304-8MC-X	1304	163
1360-8MC-X	1360	170
1392-8MC-X	1392	174
1400-8MC-X	1400	175
1424-8MC-X	1424	178
1440-8MC-X	1440	180
1480-8MC-X	1480	185

Description	Pitch Length (mm)	No. of Teeth
1512-8MC-X	1512	189
1520-8MC-X	1520	190
1584-8MC-X	1584	198
1600-8MC-X	1600	200
1680-8MC-X	1680	210
1728-8MC-X	1728	216
1760-8MC-X	1760	220
1800-8MC-X	1800	225
1904-8MC-X	1904	238
2000-8MC-X	2000	250

## HTS Ceptor® X 14M

### Part Number Example



Description	Pitch Length (mm)	No. of Teeth
966-14MC-X	966	69
1092-14MC-X	1092	78
1190-14MC-X	1190	85
1344-14MC-X	1344	96
1400-14MC-X	1400	100
1456-14MC-X	1456	104
1540-14MC-X	1540	110
1610-14MC-X	1610	115
1680-14MC-X	1680	120
1778-14MC-X	1778	127
1890-14MC-X	1890	135

Standard Width Sizes [mm]								
	20	30	40	50	55	85	115	170
8M								
14M								

Available Sizes

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