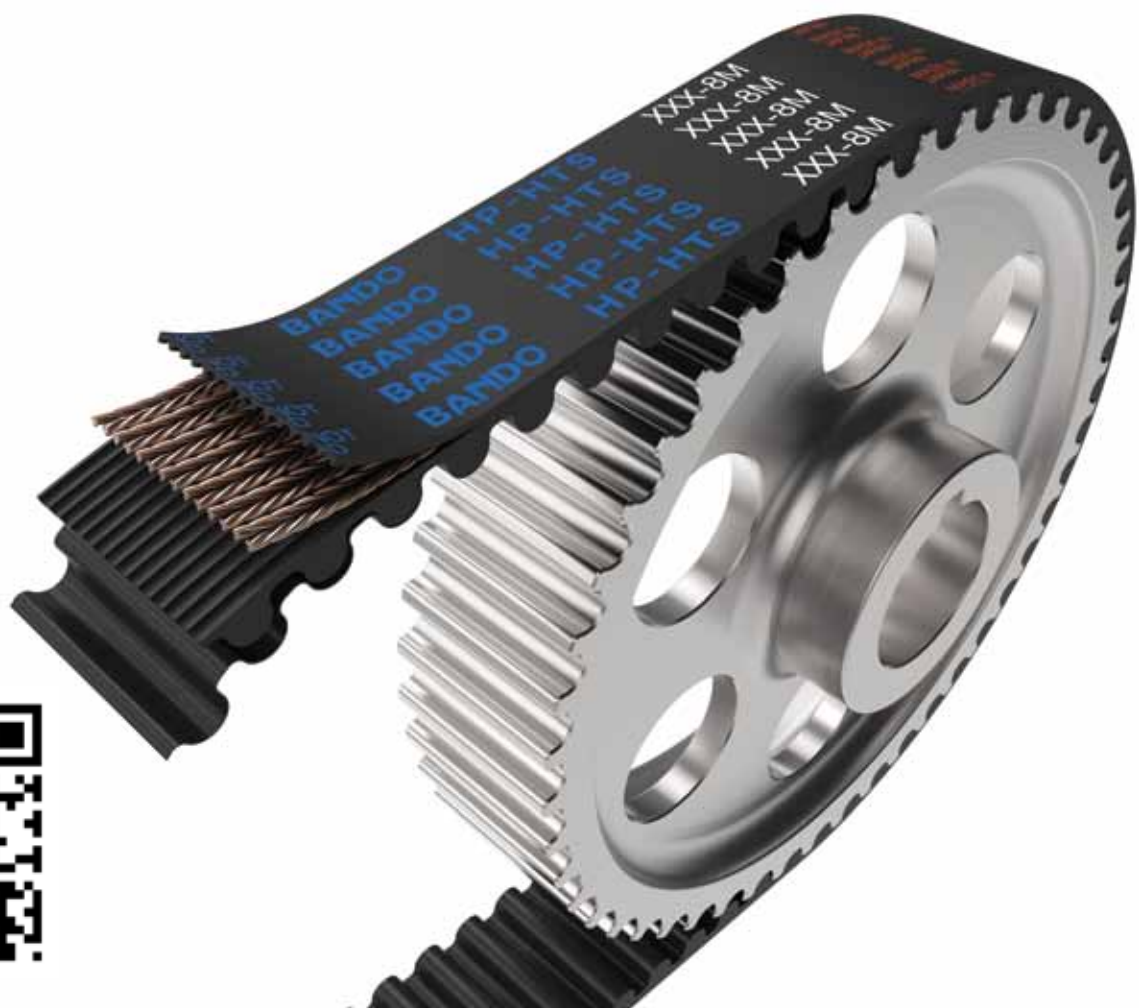




# Curvilinear Toothed Profile

## New Generation Transmission Belt HP-HTS 8M HP-HTS 14M



Product brochure  
as PDF-File:



# INTRODUCTION

HP-HTS tooth profile is designed to fit both, HTD pulleys and Generation II HTD pulleys.

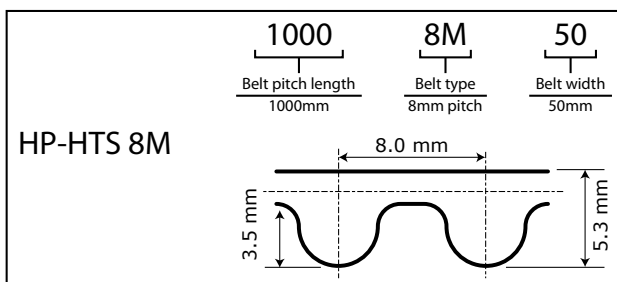


Designed for Generation II profiles

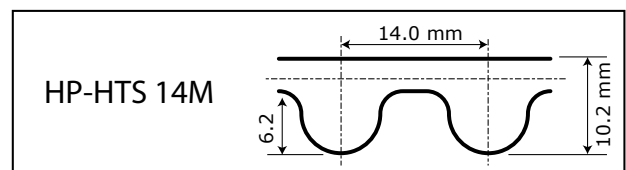


Suitable for HTD profiles

# DIMENSIONS AND MARKING



<b>BANDO</b>	HP-HTS	800-8M
<b>BANDO</b>	HP-HTS	800-8M
<b>BANDO</b>	HP-HTS	800-8M



# BELT STRUCTURE

## 1. Tooth Rubber

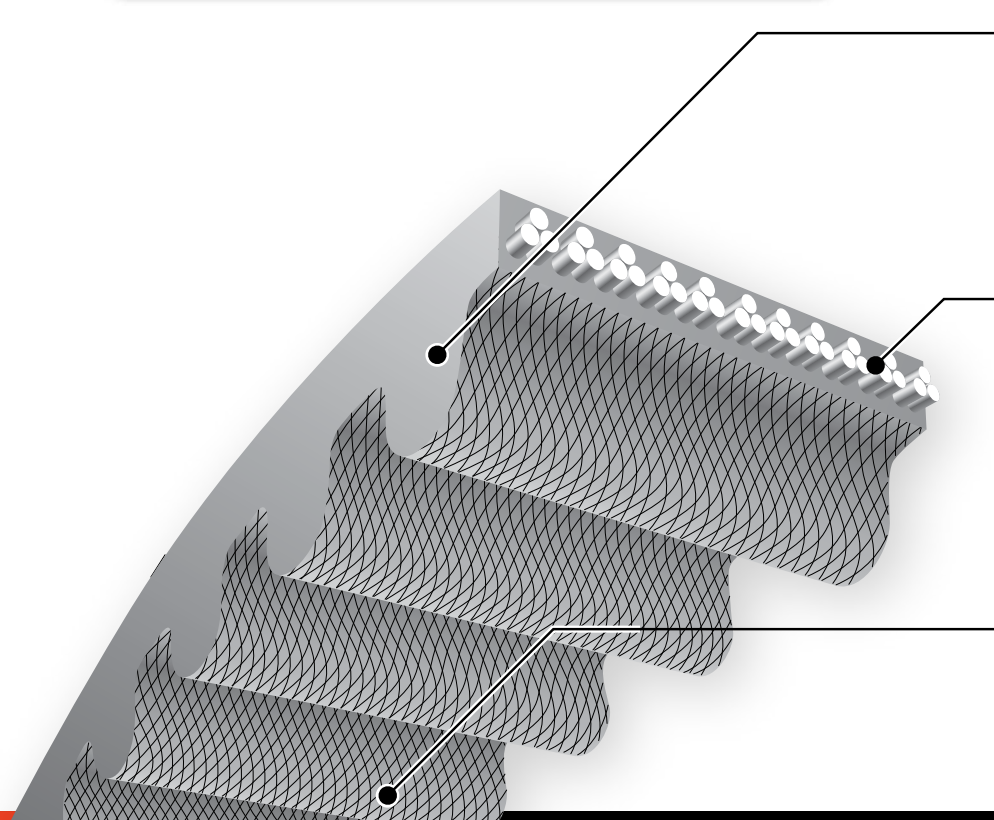
Chloroprene rubber with excellent durability and wear resistance provides high torque power transmission.

## 2. Tension Member

Fiber glass cord provides good dimensional stability and flexibility.

## 3. Tooth Fabric

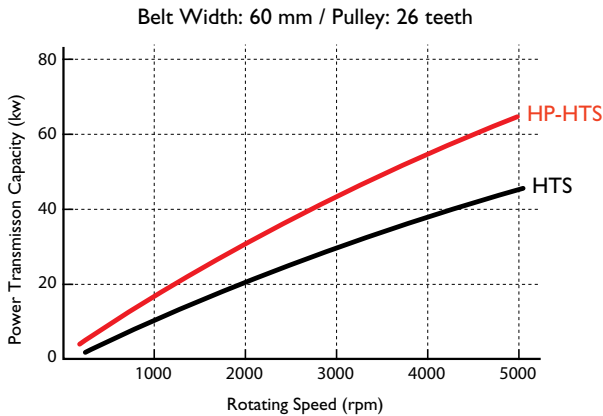
The woven canvas cover provides smooth mesh with the pulley for less friction and lower noise.



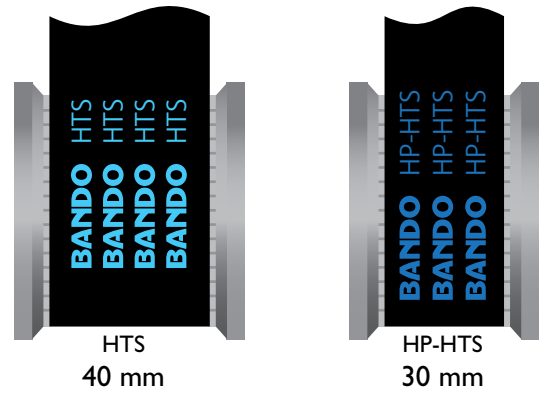
# ADVANTAGES OF USING HP-HTS

The improved design of HP-HTS reduce total cost:

**1. Higher power ratio compared with Standard HTS.**

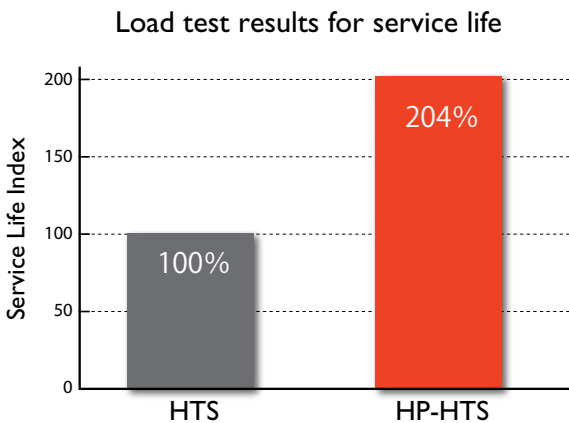


**2. Reduction of belt and pulley widths.**

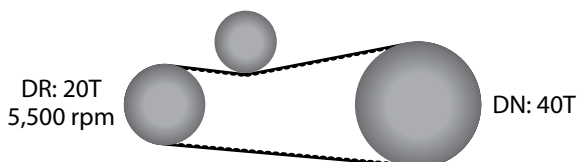


(Pulley: 28T 1,800 rpm 60 Nm)

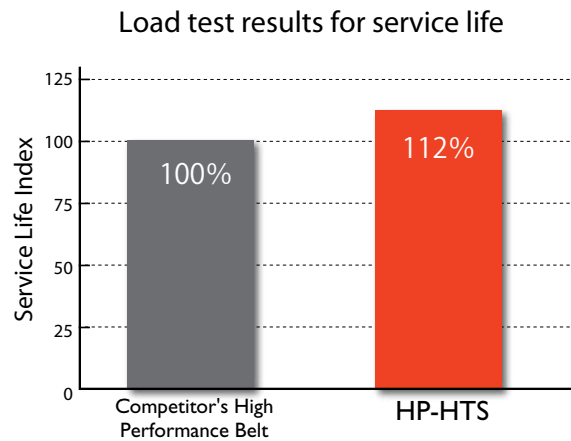
**3. Under the below load test conditions, HP-HTS has approximately twice the service life of HTS.**



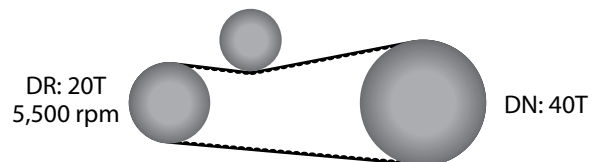
Test Conditions



**4. Under below load test conditions, HP-HTS has similar service life compared with Generation II HTD belts.**



Test Conditions



## LINE-UP

### HP-HTS 8M

Description	Pitch Length (mm)	No. of Teeth
384 - 8M	384	48
424 - 8M	424	53
480 - 8M	480	60
560 - 8M	560	70
600 - 8M	600	75
624 - 8M	624	78
640 - 8M	640	80
656 - 8M	656	82
680 - 8M	680	85
720 - 8M	720	90
760 - 8M	760	95
800 - 8M	800	100
840 - 8M	840	105
856 - 8M	856	107
880 - 8M	880	110
896 - 8M	896	112
920 - 8M	920	115
960 - 8M	960	120
1000 - 8M	1000	125
1040 - 8M	1040	130
1056 - 8M	1056	132
1064 - 8M	1064	133
1080 - 8M	1080	135
1120 - 8M	1120	140
1152 - 8M	1152	144

Description	Pitch Length (mm)	No. of Teeth
1160 - 8M	1160	145
1184 - 8M	1184	148
1192 - 8M	1192	149
1200 - 8M	1200	150
1224 - 8M	1224	153
1248 - 8M	1248	156
1264 - 8M	1264	158
1280 - 8M	1280	160
1304 - 8M	1304	163
1360 - 8M	1360	170
1392 - 8M	1392	174
1400 - 8M	1400	175
1424 - 8M	1424	178
1440 - 8M	1440	180
1480 - 8M	1480	185
1512 - 8M	1512	189
1520 - 8M	1520	190
1584 - 8M	1584	198
1600 - 8M	1600	200
1680 - 8M	1680	208
1728 - 8M	1728	216
1760 - 8M	1760	220
1800 - 8M	1800	225
1904 - 8M	1904	238
2000 - 8M	2000	250

Description	Pitch Length (mm)	No. of Teeth
2056 - 8M	2056	257
2080 - 8M	2080	260
2104 - 8M	2104	263
2160 - 8M	2160	270
2240 - 8M	2240	280
2248 - 8M	2248	281
2272 - 8M	2272	284
2400 - 8M	2400	300
2504 - 8M	2504	313
2600 - 8M	2600	325
2800 - 8M	2800	350
3048 - 8M	3048	381
3200 - 8M	3200	400
3280 - 8M	3280	410
3360 - 8M	3360	420
3600 - 8M	3600	450
4400 - 8M	4400	550

### HP-HTS 14M

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

Description	Pitch Length (mm)	No. of Teeth
1890 - 14M	1890	135

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