

Carlisle Synchro Cog HTD Belts.

HTD belts provide high torque synchronous power transmission and is a suitable replacement for both chain and gear drives. Available in 5 mm, 8 mm, and 14 mm pitches.

Length Code	Pitch length	No of teeth
350-5M	350	70
375-5M	375	75
400-5M	400	80
425-5M	425	85
450-5M	450	90
475-5M	475	95
500-5M	500	100
535-5M	535	107
565-5M	565	113
600-5M	600	120
615-5M	615	123
635-5M	635	127
670-5M	670	134
710-5M	710	142
740-5M	740	148
800-5M	800	160
835-5M	835	167
850-5M	850	170
890-5M	890	178
925-5M	925	185
950-5M	950	190
1000-5M	1000	200
1050-5M	1050	210
1125-5M	1125	225
1195-5M	1195	239
1270-5M	1270	254
1340-5M	1340	268
1420-5M	1420	284
1500-5M	1500	300
1595-5M	1595	319
1690-5M	1690	338
1790-5M	1790	358
1895-5M	1895	379
2000-5M	2000	400

Length Code	Pitch length	No of teeth
480-8M	480	60
560-8M	560	70
600-8M	600	75
640-8M	640	80
720-8M	720	90
800-8M	800	100
880-8M	880	110
960-8M	960	120
1040-8M	1040	130
1120-8M	1120	140
1200-8M	1200	150
1280-8M	1280	160
1440-8M	1440	180
1600-8M	1600	200
1760-8M	1760	220
1800-8M	1800	225
2000-8M	2000	250
2400-8M	2400	300
2600-8M	2600	325
2800-8M	2800	350
3048-8M	3048	381
3280-8M	3280	410
3600-8M	3600	450
4400-8M	4400	550

Length Code	Pitch length	No of teeth
966-14M	966	69
1190-14M	1190	85
1400-14M	1400	100
1610-14M	1610	115
1778-14M	1778	127
1890-14M	1890	135
2100-14M	2100	150
2310-14M	2310	165
2450-14M	2450	175
2590-14M	2590	185
2800-14M	2800	200
3150-14M	3150	225
3360-14M	3360	240
3500-14M	3500	250
3850-14M	3850	275
4326-14M	4326	309
4578-14M	4578	327
4956-14M	4956	354
5320-14M	5320	380
5740-14M	5740	410
6160-14M	6160	440
6860-14M	6860	490

Standard Belt Widths											
Belt Pitch	9	15	20	25	30	40	50	55	85	115	170
5	*	*		*							
8			*		*		*		*		
14						*		*	*	*	*



Carlisle RPP Timing Belts

Carlisle RPP (Reinforced Parabolic Profile) timing belts are designed to run in standard HTD timing belt pulleys. They are available as standard RPP series, and as RPP Plus, which offers up to 50% higher power transmission capabilities. The belts have non stretch Glass Fibre tensile members, improved Chloroprene Rubber integral teeth and backing, and a graphited Nylon fabric which protects the wear surface of the teeth. RPP belts are suitable as a replacement for standard HTD drives as well as gear and chain drives. RPP belts are ozone, heat and oil resistant.

5 mm Pitch RPP only

Length Code	Pitch length	No of teeth
350-5M	350	70
375-5M	375	75
400-5M	400	80
425-5M	425	85
450-5M	450	90
475-5M	475	95
500-5M	500	100
535-5M	535	107
565-5M	565	113
600-5M	600	120
615-5M	615	123
635-5M	635	127
670-5M	670	134
710-5M	710	142
740-5M	740	148
800-5M	800	160
835-5M	835	167
850-5M	850	170
890-5M	890	178
925-5M	925	185
950-5M	950	190
1000-5M	1000	200
1050-5M	1050	210
1125-5M	1125	225
1195-5M	1195	239
1270-5M	1270	254
1340-5M	1340	268
1420-5M	1420	284
1500-5M	1500	300
1595-5M	1595	319
1690-5M	1690	338
1790-5M	1790	358
1895-5M	1895	379
2000-5M	2000	400

8 mm Pitch RPP and RPP Plus belts

Length Code	Pitch length	No of teeth
480-8M	480	60
560-8M	560	70
600-8M	600	75
640-8M	640	80
720-8M	720	90
800-8M	800	100
880-8M	880	110
960-8M	960	120
1040-8M	1040	130
1120-8M	1120	140
1200-8M	1200	150
1280-8M	1280	160
1440-8M	1440	180
1600-8M	1600	200
1760-8M	1760	220
1800-8M	1800	225
2000-8M	2000	250
2400-8M	2400	300
2600-8M	2600	325
2800-8M	2800	350
3048-8M	3048	381
3280-8M	3280	410
3600-8M	3600	450
4400-8M	4400	550

Standard Widths 8.0 mm
20 mm 30 mm 50 mm 85 mm

14 mm Pitch RPP and RPP Plus belts

Length Code	Pitch length	No of teeth
966-14M	966	69
1190-14M	1190	85
1400-14M	1400	100
1610-14M	1610	115
1778-14M	1778	127
1890-14M	1890	135
2100-14M	2100	150
2310-14M	2310	165
2450-14M	2450	175
2590-14M	2590	185
2800-14M	2800	200
3150-14M	3150	225
3360-14M	3360	240
3500-14M	3500	250
3850-14M	3850	275
4326-14M	4326	309
4578-14M	4578	327
4956-14M	4956	354
5320-14M	5320	380
5740-14M	5740	410
6160-14M	6160	440
6860-14M	6860	490

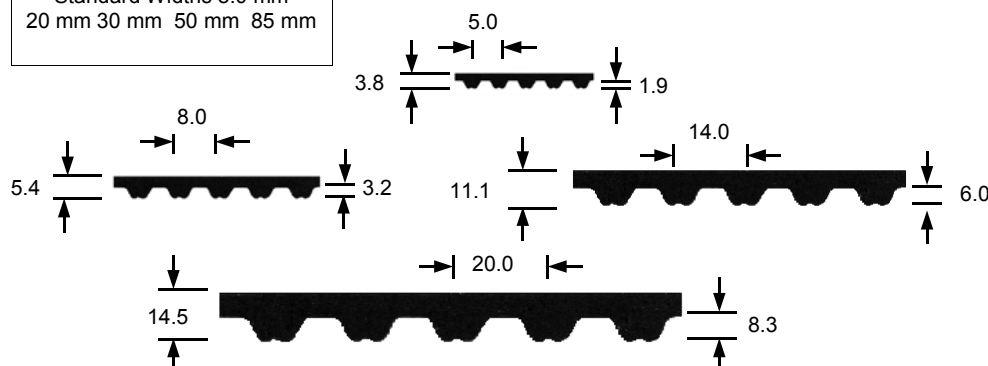
Standard Widths 14.0 mm
40 mm 55 mm 85 mm 115 mm 170 mm

20 mm Pitch RPP only

Length Code	Pitch length	No of teeth
2000-20M	2000	100
2500-20M	2500	125
3400-20M	3400	170
3800-20M	3800	190
4200-20M	4200	210
4600-20M	4600	230
5000-20M	5000	250
5400-20M	5400	270
5800-20M	5800	290
6200-20M	6200	310
6600-20M	6600	330

Standard Widths 20.0 mm
115 mm 170 mm 230 mm 290 mm 340 mm

For ordering give belt length code, belt pitch and width code.
I.e: 2000-8M-20R where R designates RPP belt.
or: 2000-8M20H where H designates RPP Plus belt.



Standard Widths 5.0 mm
15 mm 25 mm



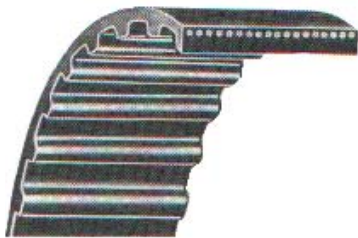
Carlisle RPP Panther Belts

Carlisle RPP (Reinforced Parabolic Profile) Panther belts offer up to twice the power transmission capabilities of standard HTD belts of equivalent size Panther belts have Kevlar tensile members, and the teeth and backing are made from Kevlar reinforced Chloroprene rubber. The teeth of the Panther belt are protected by a double Nylon reinforced cover, with the outer layer graphite coated for maximum service life and increased drive efficiency. The reverse side of the Panther belt is ground to minimise vibration and offer a flat surface for idlers. Carlisle Panther belts will run satisfactorily in standard HTD pulleys, but for maximum life, should be used with Carlisle Panther pulleys.

Length Code	Pitch length	No of teeth
480-8M	480	60
560-8M	560	70
600-8M	600	75
640-8M	640	80
720-8M	720	90
800-8M	800	100
880-8M	880	110
960-8M	960	120
1040-8M	1040	130
1120-8M	1120	140
1200-8M	1200	150
1280-8M	1280	160
1440-8M	1440	180
1600-8M	1600	200
1760-8M	1760	220
1800-8M	1800	225
2000-8M	2000	250
2400-8M	2400	300
2600-8M	2600	325
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3048-8M	3048	381
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Length Code	Pitch length	No of teeth
966-14M	966	69
1190-14M	1190	85
1400-14M	1400	100
1610-14M	1610	115
1778-14M	1778	127
1890-14M	1890	135
2100-14M	2100	150
2310-14M	2310	165
2450-14M	2450	175
2590-14M	2590	185
2800-14M	2800	200
3150-14M	3150	225
3360-14M	3360	240
3500-14M	3500	250
3850-14M	3850	275
4326-14M	4326	309
4578-14M	4578	327
4956-14M	4956	354
5320-14M	5320	380
5740-14M	5740	410
6160-14M	6160	440
6860-14M	6860	490

Standard Panther Belt Widths									
Pitch	12	20	22	35	42	60	65	90	120
8M	*		*	*		*			
14M		*			*		*	*	*



Carlisle Synchro Timing Belts.

For positive drive applications to replace chain drives. Non stretching and do not require lubrication. Available in XL, ($\frac{1}{5}$ " L, ($\frac{3}{8}$ " H, ($\frac{1}{2}$ " XH, ($\frac{7}{8}$ " and XXH ($1\frac{1}{4}$ " tooth pitches.

$\frac{1}{5}$ " XL Pitch	
Length Code	No of teeth
60XL	30
70XL	35
80XL	40
90XL	45
100XL	50
110XL	55
120XL	60
130XL	65
140XL	70
150XL	75
160XL	80
170XL	85
180XL	90
190XL	95
200XL	100
210XL	105
220XL	110
230XL	115
240XL	120
250XL	125
260XL	130

L $\frac{3}{8}$ " Pitch	
Length Code	No of teeth
124L	33
150L	40
187L	50
210L	56
225L	60
240L	64
255L	68
270L	72
285L	76
300L	80
322L	86
345L	92
367L	98
390L	104
420L	112
450L	120
480L	128
510L	136
540L	144
600L	160

$\frac{1}{2}$ " H Pitch	
Length Code	No of teeth
240H	48
270H	54
300H	60
330H	66
360H	72
390H	78
420H	84
450H	90
480H	96
510H	102
540H	108
570H	114
600H	120
630H	126
660H	132
700H	140
750H	150
800H	160
850H	170
900H	180
1000H	200
1100H	220
1250H	250
1400H	280
1700H	340

$\frac{7}{8}$ "XH Pitch	
Length Code	No of teeth
507XH	58
560XH	64
630XH	72
700XH	80
770XH	88
840XH	96
980XH	112
1120XH	128
1260XH	144
1400XH	160
1540XH	176
1750XH	200

XXH $1\frac{1}{4}$ " Pitch	
Length Code	No of teeth
700XXH	56
800XXH	64
900XXH	72
1000XXH	80
1200XXH	96
1400XXH	112
1600XXH	128
1800XXH	144

Belt Width Code	XL	L	H	XH	XXH
$\frac{1}{4}$ " 025	*				
$\frac{5}{16}$ " 031	*				
$\frac{3}{8}$ " 037	*				
$\frac{1}{2}$ " 050		*			
$\frac{3}{4}$ " 075		*	*		
1" 100		*	*		
$1\frac{1}{2}$ " 150			*		
2" 200			*	*	*
3" 300			*	*	*
4" 400				*	*
5" 500					*

Belt Nomenclature

