



# SYNCHRONOUS BELTS

## GOODYEAR synchronous drive products

Synchronous, or Positive Drive, Belts are the latest concept in power transmission belting evolution. These belts combine the advantages of chain and gear with the advantages of V-belts, but without the limitations usually associated with these conventional types of drives. There is minimal elongation, no metal-to-metal contact and no constant lubrication. Synchronous belts are amazingly versatile with possible applications on drives up to 450kW and from speeds under 0,5 m/s to over 30 m/s.

Positive Drive, or Pd, is the term applied by Goodyear to synchronous belts and their method of power transmission. As the name indicates, Positive Drive belts make possible power transmission that is efficient and accurate to a precise degree.

### THE EVOLUTION OF THE GOODYEAR

Goodyear manufactures many distinctly different designs. Some are available as open-end constructions and some are available in dual-sided constructions.

**POSITIVE DRIVE Pd** is Goodyear's trademark line of trapezoidal tooth profile synchronous belts. These belts were the first profile types developed in the continual evolution of synchronous drive belts. Goodyear's Positive Drive product line includes a selection of MXL, XL, L, H, XH, XXH. Trapezoidal belts make an excellent means for transmitting power; however, time and technological advances have led to the more advanced product lines mentioned below.

**SUPER TORQUE Pd** represents the next evolution in synchronous drive belt development from Goodyear. The SuperTorque Pd belt has a unique modified round tooth design that minimizes tooth shear and operates quieter than traditional trapezoidal tooth profiles. Super Torque tooth pitches include S2M, S3M, S4.5M, S5M, S8M and S14M.

**HI-PERFORMANCE POSITIVE DRIVE PLUS (HPPD+)** with its strength and unique construction using Goodyear's advanced compounding technology, is a line of curvilinear, synchronous belts that offers universal performance that stands alone. Designed to fit virtually every high-capacity synchronous application, HPPD+ belts fulfill existing drive requirements, matching industrial standards of belt width and length. HPPD+ belts are designed as Universal Profile Design (UPD). The UPD is a simple solution in satisfying the multitude of belt and sprocket combinations in the market. Take universal performance to a higher level with HPPD+.

Positive Drive Belts also make possible important savings in weight, space and construction without the sacrifice of efficiency. They are adaptable to almost any type of power transmission drive from printers to heavy industrial milling machines and grinders.

Engineered and manufactured with extreme care with pitch, tooth depth, width and other measurements accurate to a precise degree, Positive Drive Belts are highly engineered products. The materials used in these remarkable belts consist of high-strength tension members, specially compounded rubber and proven synthetic fabrics. The belts are designed to eliminate excessive heat build-up and to operate efficiently.

### Pd<sup>TM</sup> BELT LINE

**EAGLE Pd** Belts are Goodyear's unique technological breakthrough. A patented H.O.T. (Helical Offset Tooth) design provides for continuous rolling tooth engagement, allowing the Eagle Pd System to run quieter with less vibration than any other synchronous belt available today. With specialized materials the Eagle Pd belt allows for a reduction in drive width allowing for a more compact, lighter drive design. And best of all, no flanges are required, translating into additional weight savings for your system.

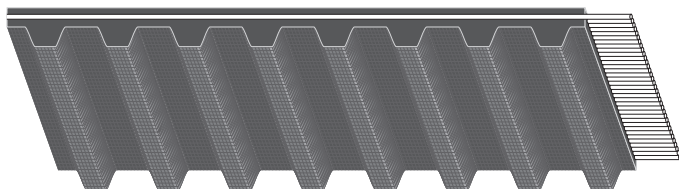
Eagle Pd Belts come in a wide variety of stock sizes with custom manufactured sizes being available for specialty drive requirements.

**FALCON Pd** is a synchronous belt designed as a drop-in replacement for the Gates Poly Chain GT2\* polyurethane belts. Falcon Pd belts feature a patented high-grade rubber compound. This compound is formulated to resist tooth deforming and increase tooth rigidity, increasing belt life and decreasing replacement costs. Falcon Pd belts also feature a patent pending cord treatment which provides excellent dimensional stability and high-impact strength. Falcon Pd belts can also be used in applications requiring backside idlers, allowing for greater flexibility in various applications.

**BLACKHAWK Pd** and **WHITEHAWK Pd** are a high performance, curvilinear belts designed in UPD profile that offer maximum performance in your 8 mm and 14 mm synchronous applications. Maximize the performance of your timing belt application with Blackhawk or Whitehawk Pd, designed to deliver longer life and less maintenance.

\* Gates, Polychain and GT are trademarks of the Gates Corporation.

# POSITIVE DRIVE



Part No: 100 XL 025  
 100 10.0" Pitch Length  
 XL Pitch-Trapezoidal Tooth Profile  
 025 .25" Wide

## KEY FEATURES & BENEFITS

- Universal trapezoidal tooth profiles drop into existing sprockets.
- High-grade Goodyear compound.
- Fiberglass tension cords for excellent resistance to shrinkage/elongation.
- Oil, ozone and abrasion resistant.
- Temperature resistance: -30° to +75° C.
- Low-maintenance / high-efficiency rating.
- Length tolerances (ISO 13050).

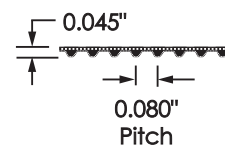
## APPLICATIONS

Nearly every conceivable industrial drive application where precise shaft synchronization is required. Positive Drive belts can also be used as an alternative to problem V-belt and chain drives.

- Aggregate Machinery
- Office Equipment
- Chain Drives
- Machine Tools
- Packaging Machinery
- Farm Machinery
- Paper Industry Machinery
- Home Appliances
- Food Processing Equipment
- Textile Machinery
- Printing Trade Machinery
- Mining Equipment
- Woodworking Machinery

## MXL (Mini Extra Light)

For small business machines, office equipment, electric equipment, etc.



Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth
PD 392 MXL	3,92	100	49	PD 704 MXL	7,04	179	88	PD 1056 MXL	10,56	268	132
PD 400 MXL	4,00	102	50	PD 720 MXL	7,20	183	90	PD 1120 MXL	11,20	284	140
PD 432 MXL	4,32	110	54	PD 776 MXL	7,76	197	97	PD 1200 MXL	12,00	305	150
PD 440 MXL	4,40	112	55	PD 800 MXL	8,00	203	100	PD 1240 MXL	12,40	315	155
PD 448 MXL	4,48	114	56	PD 816 MXL	8,16	207	102	PD 1280 MXL	12,80	325	160
PD 472 MXL	4,72	120	59	PD 824 MXL	8,24	209	103	PD 1400 MXL	14,00	356	175
PD 480 MXL	4,80	122	60	PD 840 MXL	8,40	213	105	PD 1472 MXL	14,72	374	184
PD 488 MXL	4,88	124	61	PD 848 MXL	8,48	215	106	PD 1624 MXL	16,24	412	203
PD 536 MXL	5,36	136	67	PD 864 MXL	8,64	219	108	PD 1680 MXL	16,80	427	210
PD 544 MXL	5,44	138	68	PD 872 MXL	8,72	221	109	PD 1888 MXL	18,88	480	236
PD 568 MXL	5,68	144	71	PD 880 MXL	8,80	224	110	PD 1992 MXL	19,92	506	249
PD 576 MXL	5,76	146	72	PD 896 MXL	8,96	228	112	PD 2000 MXL	20,00	508	250
PD 584 MXL	5,84	148	73	PD 912 MXL	9,12	232	114	PD 2008 MXL	20,08	510	251
PD 600 MXL	6,00	152	75	PD 944 MXL	9,44	240	118	PD 2048 MXL	20,48	520	256
PD 640 MXL	6,40	163	80	PD 960 MXL	9,60	244	120	PD 2400 MXL	24,00	610	300
PD 664 MXL	6,64	169	83	PD 976 MXL	9,76	248	122	PD 3984 MXL	39,84	1012	516
PD 672 MXL	6,72	171	84	PD 984 MXL	9,84	250	123	PD 4128 MXL	41,28	1049	516

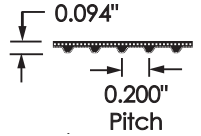
Cut belts widths: 1/8 inch = 012; 3/16 inch = 019; 1/4 inch = 025.

Sleeve: 13 inch = 1300.

Goodyear reserves the right to change sleeve width. Please contact Goodyear PTP marketing.



# POSITIVE DRIVE



## XL (Extra Light)

For business machines, instruments, sound equipment, etc.

SYNCHRONOUS

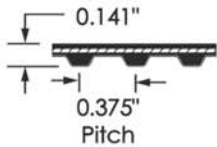
Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth
PD 42 XL	4,20	107	21	PD 146 XL	14,60	371	73	PD 254 XL	25,40	645	127
PD 54 XL	5,40	137	27	PD 148 XL	14,80	376	74	PD 256 XL	25,60	650	128
PD 56 XL	5,60	142	28	PD 150 XL	15,00	381	75	PD 260 XL	26,00	660	130
PD 58 XL	5,80	147	29	PD 154 XL	15,40	391	77	PD 262 XL	26,20	665	131
PD 60 XL	6,00	152	30	PD 158 XL	15,80	401	79	PD 270 XL	27,00	686	135
PD 64 XL	6,40	163	32	PD 160 XL	16,00	406	80	PD 272 XL	27,20	691	136
PD 66 XL	6,60	168	33	PD 162 XL	16,20	411	81	PD 280 XL	28,00	711	140
PD 68 XL	6,80	173	34	PD 164 XL	16,40	417	82	PD 290 XL	29,00	737	145
PD 70 XL	7,00	178	35	PD 166 XL	16,60	422	83	PD 292 XL	29,20	742	146
PD 74 XL	7,40	188	37	PD 168 XL	16,80	427	84	PD 300 XL	30,00	762	150
PD 76 XL	7,60	193	38	PD 170 XL	17,00	432	85	PD 306 XL	30,60	777	153
PD 78 XL	7,80	198	39	PD 172 XL	17,20	437	86	PD 310 XL	31,00	787	155
PD 80 XL	8,00	203	40	PD 174 XL	17,40	442	87	PD 316 XL	31,60	803	158
PD 86 XL	8,60	218	43	PD 176 XL	17,60	447	88	PD 322 XL	32,20	818	161
PD 88 XL	8,80	224	44	PD 180 XL	18,00	457	90	PD 330 XL	33,00	838	165
PD 90 XL	9,00	229	45	PD 182 XL	18,20	462	91	PD 352 XL	35,20	894	176
PD 92 XL	9,20	234	46	PD 184 XL	18,40	467	92	PD 356 XL	35,60	904	178
PD 94 XL	9,40	239	47	PD 186 XL	18,60	472	93	PD 362 XL	36,20	919	181
PD 96 XL	9,60	244	48	PD 188 XL	18,80	478	94	PD 384 XL	38,40	975	192
PD 98 XL	9,80	249	49	PD 190 XL	19,00	483	95	PD 390 XL	39,00	991	195
PD 100 XL	10,00	254	50	PD 192 XL	19,20	488	96	PD 392 XL	39,20	996	196
PD 102 XL	10,20	259	51	PD 194 XL	19,40	493	97	PD 400 XL	40,00	1016	200
PD 106 XL	10,60	269	53	PD 196 XL	19,60	498	98	PD 412 XL	41,20	1046	206
PD 108 XL	10,80	274	54	PD 200 XL	20,00	508	100	PD 432 XL	43,20	1097	216
PD 110 XL	11,00	279	55	PD 202 XL	20,20	513	101	PD 450 XL	45,00	1143	225
PD 112 XL	11,20	284	56	PD 204 XL	20,40	518	102	PD 460 XL	46,00	1167	229
PD 114 XL	11,40	290	57	PD 206 XL	20,60	523	103	PD 498 XL	49,80	1265	249
PD 116 XL	11,60	295	58	PD 210 XL	21,00	533	105	PD 508 XL	50,80	1290	254
PD 120 XL	12,00	305	60	PD 214 XL	21,40	544	107	PD 548 XL	54,80	1392	274
PD 122 XL	12,20	310	61	PD 220 XL	22,00	559	110	PD 566 XL	56,60	1438	283
PD 124 XL	12,40	315	62	PD 222 XL	22,20	564	111	PD 612 XL	61,20	1554	306
PD 126 XL	12,60	320	63	PD 228 XL	22,80	579	114	PD 630 XL	63,00	1600	315
PD 128 XL	12,80	325	64	PD 230 XL	23,00	584	115	PD 662 XL	66,20	1681	331
PD 130 XL	13,00	330	65	PD 234 XL	23,40	594	117	PD 760 XL	76,00	1930	380
PD 134 XL	13,40	340	67	PD 236 XL	23,60	599	118	PD 768 XL	76,80	1951	384
PD 136 XL	13,60	345	68	PD 240 XL	24,00	610	120	PD 770 XL	77,00	1956	385
PD 138 XL	13,80	351	69	PD 242 XL	24,20	615	121	PD 900 XL	90,00	2286	450
PD 140 XL	14,00	356	70	PD 246 XL	24,60	625	124	PD 1180 XL	118,00	2997	590
PD 142 XL	14,20	361	71	PD 250 XL	25,00	635	125				
PD 144 XL	14,40	366	72	PD 252 XL	25,20	640	126				

Cut belts widths: 1/4 inch = 025  
 5/16 inch = 031  
 3/8 inch = 037

Sleeve: 13 inches = 1300

Goodyear reserves the right to change sleeve width. Please contact Goodyear PTP marketing.

# POSITIVE DRIVE *Pd*<sup>TM</sup>



## L (Light)

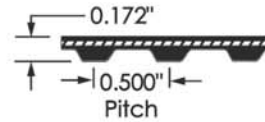
For fraction power-rated motor applications such as in-home appliances, small tools, pumps, blowers, etc.

Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth
PD 124 L	12,40	314	33
PD 135 L	13,50	343	36
PD 143 L	14,30	362	38
PD 150 L	15,00	381	40
PD 157 L	15,70	400	42
PD 187 L	18,70	476	50
PD 195 L	19,50	495	52
PD 210 L	21,00	533	56
PD 217 L	21,70	552	58
PD 225 L	22,50	572	60
PD 232 L	23,20	591	62
PD 240 L	24,00	610	64
PD 244 L	24,40	619	65
PD 251 L	25,10	638	67
PD 255 L	25,50	648	68
PD 270 L	27,00	686	72
PD 285 L	28,50	724	76
PD 300 L	30,00	762	80
PD 315 L	31,50	800	84
PD 322 L	32,20	819	86
PD 345 L	34,50	876	92
PD 367 L	36,70	933	98
PD 390 L	39,00	991	104
PD 405 L	40,50	1029	108
PD 420 L	42,00	1067	112
PD 450 L	45,00	1143	120
PD 461 L	46,10	1172	123
PD 472 L	47,20	1200	126
PD 480 L	48,00	1219	128
PD 510 L	51,00	1295	136
PD 525 L	52,50	1334	140
PD 540 L	54,00	1372	144
PD 600 L	60,00	1524	160
PD 660 L	66,00	1676	176
PD 697 L	69,70	1772	186
PD 2213 L *	221,30	5620	590

Cut belts widths: 1/2 inch = 050  
 3/4 inch = 075  
 1 inch = 100

Sleeve: 18.5 inches = 1850  
 \* 13 inches = 1300

Goodyear reserves the right to change sleeve width.  
 Please contact Goodyear PTP marketing.



## H (Heavy)

For machine tools, pumps, fans, presses, motor generator sets, etc.

Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth
PD 210 H	21,00	533	42
PD 225 H	22,50	572	45
PD 230 H	23,00	584	46
PD 240 H	24,00	610	48
PD 255 H	25,50	648	51
PD 270 H	27,00	686	54
PD 300 H *	30,00	762	60
PD 315 H	31,50	800	63
PD 320 H	32,00	813	64
PD 330 H *	33,00	838	66
PD 360 H *	36,00	914	72
PD 390 H *	39,00	991	78
PD 420 H *	42,00	1067	84
PD 450 H *	45,00	1143	90
PD 455 H	45,50	1156	91
PD 480 H *	48,00	1219	96
PD 490 H	49,00	1245	98
PD 510 H *	51,00	1295	102
PD 540 H *	54,00	1372	108
PD 560 H	56,00	1422	112
PD 570 H *	57,00	1448	114
PD 585 H	58,50	1486	117
PD 600 H *	60,00	1524	120
PD 630 H *	63,00	1600	126
PD 660 H *	66,00	1676	132
PD 700 H *	70,00	1778	140
PD 725 H	72,50	1842	145
PD 730 H	73,00	1854	146
PD 750 H *	75,00	1905	150
PD 800 H	80,00	2032	160
PD 850 H	85,00	2159	170
PD 900 H	90,00	2286	180
PD 1000 H **	100,00	2540	200
PD 1100 H **	110,00	2794	220
PD 1250 H **	125,00	3175	250
PD 1400 H **	140,00	3556	280
PD 1680 H **	168,00	4267	336
PD 1700 H **	170,00	4318	340
PD 2010 H **	201,00	5105	402
PD 2100 H **	210,00	5334	420
PD 2360 H ***	236,00	5994	472

Cut belts widths: 3/4 inch = 075  
 1 inch = 100; 1 1/2 inch = 150  
 2 inches = 200; 3 inches = 300

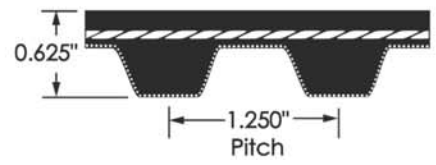
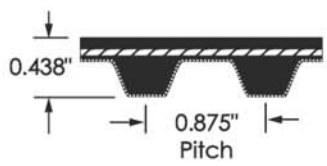
Sleeve: 17.7 inches = 1770  
 \* 14.6 inches = 1460  
 \*\* 15.7 inches = 1570  
 \*\*\* 13 inches = 1300

Goodyear reserves the right to change sleeve width.  
 Please contact Goodyear PTP marketing.

SYNCHRONOUS



# POSITIVE DRIVE **Pd**<sup>TM</sup>



## XH (Extra Heavy)

For medium torque applications on heavy industrial equipment.

Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth
PD 507 XH	50,80	1289	58
PD 560 XH	56,00	1422	64
PD 630 XH	63,00	1600	72
PD 700 XH	70,00	1778	80
PD 770 XH	77,00	1956	88
PD 840 XH	84,00	2134	96
PD 980 XH	98,00	2489	112
PD 1120 XH	112,00	2845	128
PD 1260 XH*	126,00	3200	144
PD 1400 XH	140,00	3556	160
PD 1540 XH	154,00	3912	176
PD 1750 XH	175,00	4445	200

Cut belts widths: 2 inches = 200  
 3 inches = 300  
 4 inches = 400  
 5 inches = 500

Sleeve: 13 inches = 1300  
 \* 21.3 inches = 2130

Goodyear reserves the right to change sleeve width. Please contact Goodyear PTP marketing.

## XXH (Double Extra Heavy)

For high torque applications on heavy industrial equipment.

Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth
PD 700 XXH	70,00	1778	56
PD 800 XXH	80,00	2032	64
PD 900 XXH	90,00	2286	72
PD 1000 XXH	100,00	2540	80
PD 1200 XXH*	120,00	3048	96
PD 1400 XXH	140,00	3556	112
PD 1600 XXH	160,00	4064	128
PD 1800 XXH	180,00	4572	144

Cut belts widths: 2 inches = 200  
 3 inches = 300  
 4 inches = 400  
 5 inches = 500

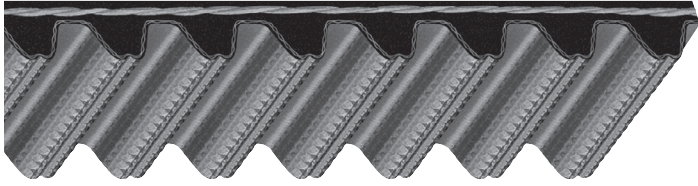
Sleeve: 13 inches = 1300  
 \* 21.3 inches = 2130

Goodyear reserves the right to change sleeve width. Please contact Goodyear PTP marketing.

SYNCHRONOUS

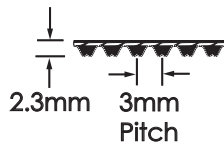


# HI-PERFORMANCE **Rd**<sup>TM</sup> PLUS (HPPD+)



Part No: 480-8M-20

480 480 mm Pitch Length  
8M 8 mm Pitch  
20 20 mm Wide



### 3 M Available Sizes

Belt reference	Pitch length Lp (mm)	Number of teeth
HPPD 159 3M	159	53
HPPD 177 3M	177	59
HPPD 204 3M	204	68
HPPD 252 3M	252	84
HPPD 264 3M	264	88
HPPD 312 3M	312	104
HPPD 318 3M	318	106
HPPD 501 3M	501	167
HPPD 513 3M	513	171
HPPD 612 3M	612	204
HPPD 738 3M	738	246

Cut belts widths: 6 mm, 9 mm, 15 mm.

Sleeve: 660 mm

Goodyear reserves the right to change sleeve width.

Please contact Goodyear PTP marketing.

### APPLICATIONS

Nearly every conceivable industrial drive application where precise shaft synchronization is required. HPPD+ belts can also be used as an alternative to problem V-belt and chain drives.

- Aggregate Machinery
- Office Equipment
- Paper Industry Machinery
- Machine Tool
- Printing Trade Machinery
- Home Appliances
- Food Processing Equipment
- HVAC Units
- Packaging Machinery
- Textile Machinery
- Mining Equipment
- Farm Machinery
- Woodworking Machinery
- Vending Machines

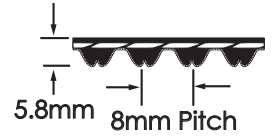
### KEY FEATURES & BENEFITS

- Universal tooth profile drops into existing HTD, RPP or PowerGrip GT\* sprocket.
- High-grade Goodyear compound.
- Requires little, if any, retensioning and less drive maintenance.
- Oil, ozone and abrasion resistant.
- Temperature resistance: -30° to +75° C.
- Designed for high-capacity performance.
- Higher power rating and longer life than traditional timing belts.
- Length tolerances (ISO 13050)

\* PowerGrip and GT are Trademarks of the Gates Corporation.



# HI-PERFORMANCE **Pd**<sup>TM</sup> PLUS (HPPD+)



## 5 M Available Sizes

Belt reference	Pitch length Lp (mm)	Number of teeth
HPPD 350 5M	350	70
HPPD 375 5M	375	75
HPPD 400 5M	400	80
HPPD 425 5M	425	85
HPPD 450 5M	450	90
HPPD 475 5M	475	95
HPPD 500 5M	500	100
HPPD 535 5M	535	107
HPPD 565 5M	565	113
HPPD 600 5M	600	120
HPPD 635 5M	635	127
HPPD 670 5M	670	134
HPPD 710 5M	710	142
HPPD 740 5M	740	148
HPPD 800 5M	800	160
HPPD 850 5M	850	170
HPPD 890 5M	890	178
HPPD 950 5M	950	190
HPPD 1000 5M	1000	200
HPPD 1050 5M	1050	210
HPPD 1125 5M	1125	225
HPPD 1195 5M	1195	239
HPPD 1270 5M	1270	254
HPPD 1420 5M	1420	284
HPPD 1595 5M	1595	319
HPPD 1690 5M	1690	338
HPPD 1790 5M	1790	358
HPPD 1895 5M	1895	379
HPPD 2000 5M	2000	400

Cut belts widths: 9 mm  
15 mm  
25 mm

Sleeve: 660 mm

Goodyear reserves the right to change sleeve width.  
Please contact Goodyear PTP marketing.

## 8 M Available Sizes

Belt reference	Pitch length Lp (mm)	Number of teeth
HPPD 480 8M*	480	60
HPPD 560 8M*	560	70
HPPD 600 8M*	600	75
HPPD 640 8M*	640	80
HPPD 680 8M*	680	85
HPPD 720 8M	720	90
HPPD 800 8M	800	100
HPPD 880 8M	880	110
HPPD 960 8M	960	120
HPPD 1040 8M	1040	130
HPPD 1120 8M	1120	140
HPPD 1200 8M	1200	150
HPPD 1280 8M	1280	160
HPPD 1400 8M*	1400	175
HPPD 1440 8M	1440	180
HPPD 1600 8M	1600	200
HPPD 1760 8M	1760	220
HPPD 1800 8M	1800	225
HPPD 2000 8M	2000	250
HPPD 2400 8M	2400	300
HPPD 2600 8M	2600	325
HPPD 2800 8M	2800	350
HPPD 3048 8M**	3048	381
HPPD 3280 8M**	3280	410
HPPD 3600 8M**	3600	450
HPPD 4400 8M**	4400	550

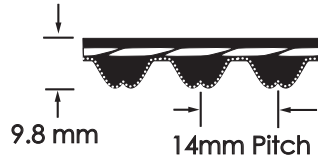
Cut belts widths: 20 mm  
30 mm  
50 mm  
85 mm

Sleeve: 370 mm  
\* 660 mm  
\*\* 530 mm

Goodyear reserves the right to change sleeve width.  
Please contact Goodyear PTP marketing.

SYNCHRONOUS

# HI-PERFORMANCE Pd™ PLUS (HPPD+)



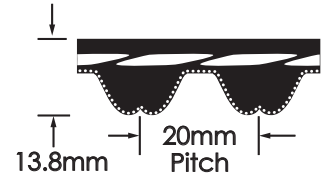
## 14M Available Sizes

Belt reference	Pitch length Lp (mm)	Number of teeth
HPPD 966 14M	966	69
HPPD 1092 14M	1092	78
HPPD 1190 14M	1190	85
HPPD 1400 14M	1400	100
HPPD 1610 14M	1610	115
HPPD 1778 14M	1778	127
HPPD 1890 14M	1890	135
HPPD 2100 14M	2100	150
HPPD 2310 14M	2310	165
HPPD 2450 14M	2450	175
HPPD 2590 14M	2590	185
HPPD 2800 14M	2800	200
HPPD 3150 14M*	3150	225
HPPD 3360 14M*	3360	240
HPPD 3500 14M*	3500	250
HPPD 3850 14M*	3850	275
HPPD 4326 14M*	4326	309
HPPD 4578 14M*	4578	327
HPPD 4956 14M*	4956	354
HPPD 5320 14M**	5320	380
HPPD 5740 14M**	5740	410
HPPD 6160 14M**	6160	440
HPPD 6860 14M**	6860	490

Cut belts widths: 40 mm  
55 mm  
85 mm  
115 mm  
170 mm

Sleeve: \*\* 330 mm  
\* 530 mm  
660 mm

Goodyear reserves the right to change sleeve width.  
Please contact Goodyear PTP marketing.



## 20M Available Sizes

Belt reference	Pitch length Lp (mm)	Number of teeth
HPPD 2000 20M *	2000	100
HPPD 2500 20M *	2500	125
HPPD 3400 20M	3400	170
HPPD 3800 20M	3800	190
HPPD 4200 20M	4200	210
HPPD 4600 20M	4600	230
HPPD 5000 20M	5000	250
HPPD 5200 20M	5200	260
HPPD 5400 20M	5400	270
HPPD 5800 20M	5800	290
HPPD 6200 20M	6200	310
HPPD 6600 20M	6600	330

Cut belts widths: 115 mm  
170 mm  
230 mm  
290 mm

Sleeve: \* 660 mm  
330 mm

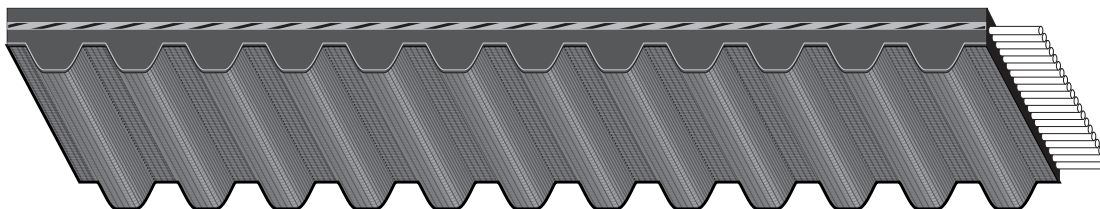
Goodyear reserves the right to change sleeve width.  
Please contact Goodyear PTP marketing.

SYNCHRONOUS





# SUPER TORQUE Pd™



Part No: 100 S4.5M 175

100	10 mm Width
S	Super Torque Positive Drive Belt
4.5M	4.5 mm Pitch – Modified Round Tooth Profile
175	175 mm Pitch Length

## APPLICATIONS

Nearly every conceivable industrial drive application where precise shaft synchronization is required. Super Torque Pd belts can also be used as an alternative to problem V-belt and chain drives.

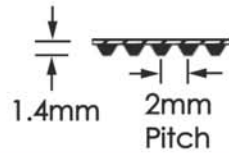
- Milling Machines
- Conveyors
- Engine Accessory Drives
- Debarkers
- Internal Combustion Engines
- Lathes
- Timers or Controllers
- Shapers
- Compressors
- Textile Machinery
- Wood Chippers
- Mixers

## KEY FEATURES & BENEFITS

- Unique tooth profile for quiet tooth engagement.
- Improved power capacity over standard HTD profiles.
- High-grade Goodyear compound.
- Fiberglass tension cords for excellent resistance to shrinkage/elongation.
- Oil, ozone and abrasion resistant.
- Temperature resistance: -30° to +75° C.
- Mating sprockets required.
- Low-maintenance/high-efficiency rating.
- Length tolerances (ISO 13050)

# SUPER TORQUE

## s 2 M



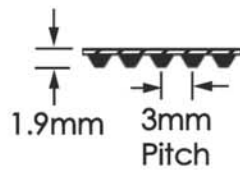
Belt reference	Pitch length Lp (mm)	Number of teeth
STPD S2M 112	112	56
STPD S2M 142	142	71
STPD S2M 158	158	79
STPD S2M 164	164	82
STPD S2M 172	172	86
STPD S2M 180	180	90
STPD S2M 212	212	106
STPD S2M 264	264	132
STPD S2M 320	320	160
STPD S2M 504	504	252

Sleeve width: 660 mm

Goodyear reserves the right to change sleeve width.

Please contact Goodyear PTP marketing.

## S 3 M



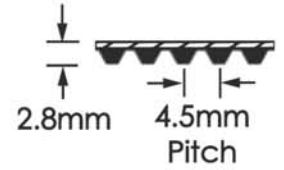
Belt reference	Pitch length Lp (mm)	Number of teeth
STPD S3M 120	120	40
STPD S3M 150	150	50
STPD S3M 177	177	59
STPD S3M 201	201	67
STPD S3M 225	225	75
STPD S3M 252	252	74
STPD S3M 264	264	88
STPD S3M 276	276	92
STPD S3M 300	300	100
STPD S3M 339	339	113
STPD S3M 363	363	121
STPD S3M 384	384	128
STPD S3M 420	420	140
STPD S3M 459	459	153
STPD S3M 486	486	162
STPD S3M 501	501	167
STPD S3M 537	537	179
STPD S3M 564	564	188
STPD S3M 633	633	211

Sleeve width: 660 mm

Goodyear reserves the right to change sleeve width.

Please contact Goodyear PTP marketing.

## s 4.5 M



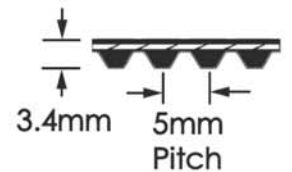
Belt reference	Pitch length Lp (mm)	Number of teeth
STPD S4,5M 175	175	39
STPD S4,5M 180	180	40
STPD S4,5M 225	225	50
STPD S4,5M 247	247	55
STPD S4,5M 297	297	66
STPD S4,5M 306	306	68
STPD S4,5M 342	342	76
STPD S4,5M 504	504	112
STPD S4,5M 621	621	138

Sleeve width: 660 mm

Goodyear reserves the right to change sleeve width.

Please contact Goodyear PTP marketing.

## S 5 M



Belt reference	Pitch length Lp (mm)	Number of teeth
STPD S5M 255	255	51
STPD S5M 295	295	59
STPD S5M 325	325	65
STPD S5M 350	350	70
STPD S5M 375	375	75
STPD S5M 400	400	80
STPD S5M 425	425	85
STPD S5M 435	435	87
STPD S5M 450	450	90
STPD S5M 475	475	95
STPD S5M 500	500	100
STPD S5M 525	525	105
STPD S5M 560	560	112
STPD S5M 575	575	115
STPD S5M 600	600	120
STPD S5M 625	625	125
STPD S5M 650	650	130
STPD S5M 675	675	135
STPD S5M 700	700	140
STPD S5M 750	750	150
STPD S5M 800	800	160
STPD S5M 850	850	170
STPD S5M 900	900	180
STPD S5M 950	950	190
STPD S5M 1000	1000	200
STPD S5M 1050	1050	210
STPD S5M 1125	1125	225
STPD S5M 1270	1270	254
STPD S5M 1350	1350	270
STPD S5M 1420	1420	284
STPD S5M 1800	1800	360
STPD S5M 2000	2000	400
STPD S5M 2770	2770	554

Sleeve width: 660 mm

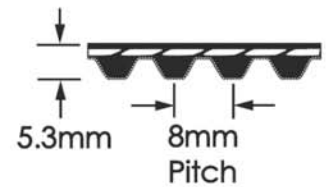
Goodyear reserves the right to change sleeve width.

Please contact Goodyear PTP marketing.

SYNCHRONOUS



# SUPER TORQUE Pd™



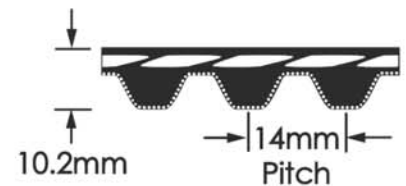
## S 8 M

Belt reference	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (mm)	Number of teeth
STPD S8M 440	440	55	STPD S8M 944	944	118	STPD S8M 1312	1312	164
STPD S8M 448	448	56	STPD S8M 960	960	120	STPD S8M 1360	1360	170
STPD S8M 480	480	60	STPD S8M 976	976	122	STPD S8M 1384	1384	173
STPD S8M 496	496	62	STPD S8M 984	984	123	STPD S8M 1400*	1400	175
STPD S8M 512	512	64	STPD S8M 992	992	124	STPD S8M 1408	1408	176
STPD S8M 528	528	66	STPD S8M 1000	1000	125	STPD S8M 1432	1432	179
STPD S8M 560	560	70	STPD S8M 1024	1024	128	STPD S8M 1440*	1440	180
STPD S8M 576	576	72	STPD S8M 1032	1032	129	STPD S8M 1480	1480	185
STPD S8M 592	592	74	STPD S8M 1040	1040	130	STPD S8M 1536	1536	192
STPD S8M 600	600	75	STPD S8M 1056	1056	132	STPD S8M 1544	1544	193
STPD S8M 632	632	79	STPD S8M 1072	1072	134	STPD S8M 1552	1552	194
STPD S8M 648	648	81	STPD S8M 1096	1096	137	STPD S8M 1600	1600	200
STPD S8M 656	656	82	STPD S8M 1120*	1120	140	STPD S8M 1680	1680	210
STPD S8M 680	680	85	STPD S8M 1136	1136	142	STPD S8M 1696	1696	212
STPD S8M 688	688	86	STPD S8M 1152	1152	144	STPD S8M 1760*	1760	220
STPD S8M 712	712	89	STPD S8M 1160	1160	145	STPD S8M 1800*	1800	225
STPD S8M 720	720	90	STPD S8M 1168	1168	146	STPD S8M 2000	2000	250
STPD S8M 752	752	94	STPD S8M 1176	1176	147	STPD S8M 2032	2032	254
STPD S8M 760	760	95	STPD S8M 1184	1184	148	STPD S8M 2240	2240	280
STPD S8M 800*	800	100	STPD S8M 1200	1200	150	STPD S8M 2272	2272	284
STPD S8M 824	824	103	STPD S8M 1208	1208	151	STPD S8M 2392	2392	299
STPD S8M 840	840	105	STPD S8M 1224	1224	153	STPD S8M 2400*	2400	300
STPD S8M 848	848	106	STPD S8M 1248	1248	156	STPD S8M 2496	2496	312
STPD S8M 880	880	110	STPD S8M 1256	1256	157	STPD S8M 2600	2600	325
STPD S8M 896	896	112	STPD S8M 1264	1264	158	STPD S8M 2800	2800	350
STPD S8M 920	920	115	STPD S8M 1280	1280	160	STPD S8M 3200**	3200	400
STPD S8M 928	928	116	STPD S8M 1304*	1304	163			
STPD S8M 936	936	117						

Cut belts widths: 20 mm, 30 mm, 50 mm, 85 mm

Sleeve: 660 mm, \* 370 mm, \*\* 330 mm

Goodyear reserves the right to change sleeve width. Please contact Goodyear PTP marketing.



## S 14 M

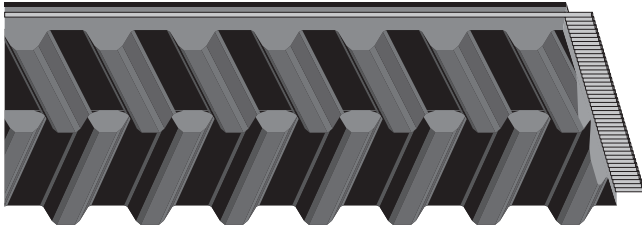
Belt reference	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (mm)	Number of teeth
STPD S14M 1120	1120	80	STPD S14M 2002	2002	143	STPD S14M 3150*	3150	225
STPD S14M 1190	1190	85	STPD S14M 2100	2100	150	STPD S14M 3500*	3500	250
STPD S14M 1400	1400	100	STPD S14M 2240	2240	160	STPD S14M 3850*	3850	275
STPD S14M 1540	1540	110	STPD S14M 2310	2310	165	STPD S14M 4004*	4004	286
STPD S14M 1610	1610	115	STPD S14M 2450	2450	175	STPD S14M 4508*	4508	322
STPD S14M 1778	1778	127	STPD S14M 2590	2590	185	STPD S14M 5012*	5012	358
STPD S14M 1890	1890	135	STPD S14M 2800	2800	200			

Cut belts widths: 40 mm, 55 mm, 85 mm, 115 mm, 170 mm

Sleeve: 660 mm, \* 330 mm

Goodyear reserves the right to change sleeve width. Please contact Goodyear PTP marketing.

# EAGLE Pd™ BELTS



Part No: B-1750

B Blue = 14 mm Pitch, 35 mm Width  
1750 1750 mm Pitch Length

## A REVOLUTIONARY BREAKTHROUGH IN SYNCHRONOUS BELT TECHNOLOGY

Much more than an alternative to chain and V-belt drives, Goodyear's Eagle Pd is a total product enhancement that can improve the performance of your drive design.

Eagle Pd's unique H.O.T. (Helical Offset Tooth) design provides a continuous rolling tooth engagement to create a lighter, quieter, reduced vibration, flangeless drive to maximize both the performance and efficiency of your drive system.

## LIGHTER, NARROWER DRIVES

The self tracking design of Eagle Pd eliminates the need for sprocket flanges, which reduces face width and weight. The belt is also bidirectional for use in reverse drive applications. And because the belt is comprised of specialized materials, the width of the belt can be reduced without compromising strength. The result is a lighter, narrower, more design-friendly drive option.

## BELT MATERIALS COMPOUNDED TO LAST LONGER

Durability starts with the Eagle Pd belt's Goodyear rubber compound, a cross-linked elastomer formulated to resist tooth deformity and increase tooth rigidity. Eagle Pd is also chemically stable to resist the effects of oils, coolants, heat and ozone.

Eagle Pd's high-strength Flexten tensile member provides optimal resistance to flex fatigue, elongation and shock loads while operating at high torque conditions. The facing of Eagle Pd belts also reduce tooth engagement friction while standing up to oil and chemical permeation.

## APPLICATIONS

Goodyear Eagle Pd belts and sprockets are ideal on a wide variety of applications in all industries.

- Agricultural Equipment
- Paper Presses
- Packaging Conveyors
- Hog Dehairers
- Aggregate Crushers
- Chain Drives
- Poultry/Meat Grinders
- Baking Mixers
- Wood Debarkers and Saws
- Textile Machines
- Mining Equipment
- Horizontal Drives
- Aluminum/Steel Conveyors
- Printing Machines

## KEY FEATURES & BENEFITS

- Reduced Noise
- Less Vibration
- Increased Power
- Less Maintenance
- Higher Efficiency
- Compactness
- Less Bearing Load
- Self-Tracking
- Greater Precision
- Bidirectional
- Length tolerances (ISO 13050)
- Static conductive\* (ISO 9563)

\* Only for the belts marked with SC

## INCREASED EFFICIENCY

### DRIVE CHANGE OPPORTUNITY

The unique tooth configuration of Eagle Pd provides continuous tooth engagement and eliminates slippage. With a power efficiency rating of 98%, Eagle Pd can offer you an impressive 5% edge over typical V-belt drives.

Simply stated, with Eagle Pd, you get more what you pay. This is especially true when the Eagle Pd is applied to high-energy consuming drives that are used 24 hours a day, as well as high power drives that inflate energy consumption during peak periods.





# EAGLE Pd™ BELTS

## A QUIETER, REDUCED VIBRATION DRIVE

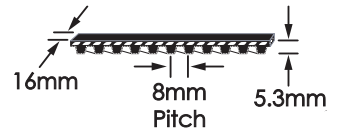
The H.O.T. design of Eagle Pd belts and sprockets reduces vibration and decreases operating noise by as much as 19 decibels versus other synchronous systems. This can lead to a quieter working environment with improved worker efficiency. Costs associated with monitoring, training and testing to meet OSHA regulations can be virtually eliminated with Eagle Pd drives.

## MATCHING BELT TO SPROCKET HAS NEVER BEEN EASIER

The Eagle Pd Color Spectrum System makes it the easiest power transmission drive to sell, purchase and install.

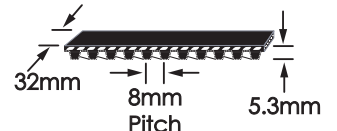
The part numbering system for Eagle Pd centers around a color-coded sizing system for the belts and sprockets. Each belt and sprocket part number includes a letter corresponding to a color and is also branded in that color. The letters Y, W, P, B, G, O and R indicate the colors Yellow, White, Purple, Blue, Green, Orange and Red. All Yellow belts are designed to function with all Yellow sprockets, as is the case for the White, Purple, Blue, Green, Orange and Red sizes.

SYNCHRONOUS



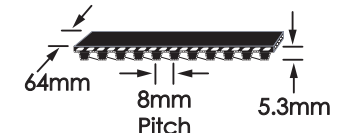
### EAGLE PD™ YELLOW (8 mm Pitch - 16 mm Width)

Belt reference	No. of Teeth	Length (mm)	Belt reference	No. of Teeth	Length (mm)
Y-640	80	640	Y-1280	160	1280
Y-720	90	720	Y-1440	180	1440
Y-800	100	800	Y-1600	200	1600
Y-896	112	896	Y-1792	224	1792
Y-1000	125	1000	Y-2000	250	2000
Y-1120	140	1120	Y-2240	280	2240
Y-1200	150	1200	Y-2400	300	2400



### EAGLE PD™ WHITE (8 mm Pitch - 32 mm Width)

Belt reference	No. of Teeth	Length (mm)	Belt reference	No. of Teeth	Length (mm)
W-640	80	640	W-1280	160	1280
W-720	90	720	W-1440	180	1440
W-800	100	800	W-1600	200	1600
W-896	112	896	W-1792	224	1792
W-1000	125	1000	W-2000	250	2000
W-1120	140	1120	W-2240	280	2240
W-1200	150	1200	W-2400	300	2400



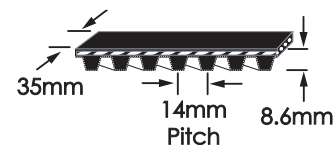
### EAGLE PD™ PURPLE (8 mm Pitch - 64 mm Width)

Belt reference	No. of Teeth	Length (mm)	Belt reference	No. of Teeth	Length (mm)
P-720	90	720	P-1200	150	1200
P-800	100	800	P-1280	160	1280
P-896	112	896	P-1440	180	1440
P-1000	125	1000	P-1600	200	1600
P-1120	140	1120			



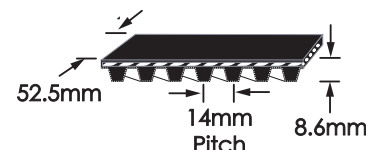
# EAGLE *Pd*<sup>™</sup> BELTS

## EAGLE *Pd*<sup>™</sup> BLUE (14 mm Pitch - 35 mm Width)



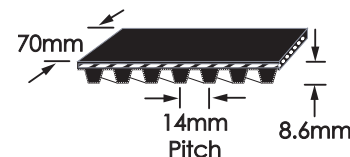
Belt reference	No. of Teeth	Length (mm)	Belt reference	No. of Teeth	Length (mm)
B-994	71	994	B-2240	160	2240
B-1120	80	1120	B-2380	170	2380
B-1190	85	1190	B-2520	180	2520
B-1260	90	1260	B-2660	190	2660
B-1400	100	1400	B-2800	200	2800
B-1568	112	1568	B-3136	224	3136
B-1750	125	1750	B-3304	236	3304
B-1960	140	1960	B-3500	250	3500
B-2100	150	2100	B-3920	280	3920

## EAGLE *Pd*<sup>™</sup> GREEN (14 mm Pitch - 52.5 mm Width)



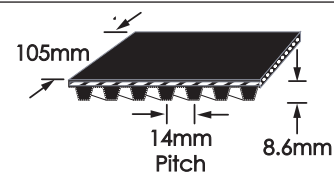
Belt reference	No. of Teeth	Length (mm)	Belt reference	No. of Teeth	Length (mm)
G-994	71	994	G-2240	160	2240
G-1120	80	1120	G-2380	170	2380
G-1190	85	1190	G-2520	180	2520
G-1260	90	1260	G-2660	190	2660
G-1400	100	1400	G-2800	200	2800
G-1568	112	1568	G-3136	224	3136
G-1750	125	1750	G-3304	236	3304
G-1960	140	1960	G-3500	250	3500
G-2100	150	2100	G-3920	280	3920

## EAGLE *Pd*<sup>™</sup> ORANGE (14 mm Pitch - 70 mm Width)



Belt reference	No. of Teeth	Length (mm)	Belt reference	No. of Teeth	Length (mm)
O-1120	80	1120	O-2380	170	2380
O-1190	85	1190	O-2520	180	2520
O-1260	90	1260	O-2660	190	2660
O-1400	100	1400	O-2800	200	2800
O-1568	112	1568	O-3136	224	3136
O-1750	125	1750	O-3304	236	3304
O-1960	140	1960	O-3500	250	3500
O-2100	150	2100	O-3920	280	3920
O-2240	160	2240			

## EAGLE *Pd*<sup>™</sup> RED (14 mm Pitch - 105 mm Width)

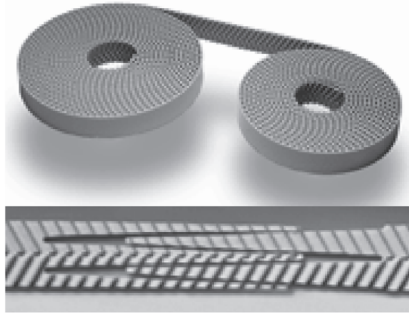


Belt reference	No. of Teeth	Length (mm)	Belt reference	No. of Teeth	Length (mm)
R-1260	90	1260	R-2520	180	2520
R-1400	100	1400	R-2660	190	2660
R-1568	112	1568	R-2800	200	2800
R-1750	125	1750	R-3136	224	3136
R-1960	140	1960	R-3304	236	3304
R-2100	150	2100	R-3500	250	3500
R-2240	160	2240	R-3920	280	3920
R-2380	170	2380			

SYNCHRONOUS



# EAGLE Pd<sup>TM</sup> ACCULINEAR<sup>®</sup>



## APPLICATIONS

Eagle Pd Acculinear belts can be used in open-end or spliced configurations in a variety of applications.

Typical applications for the open-end configuration are in linear motion devices and other drives where precise motion is required.

Typical application for the spliced configuration are in light conveyors and other material processing and transfer industries.

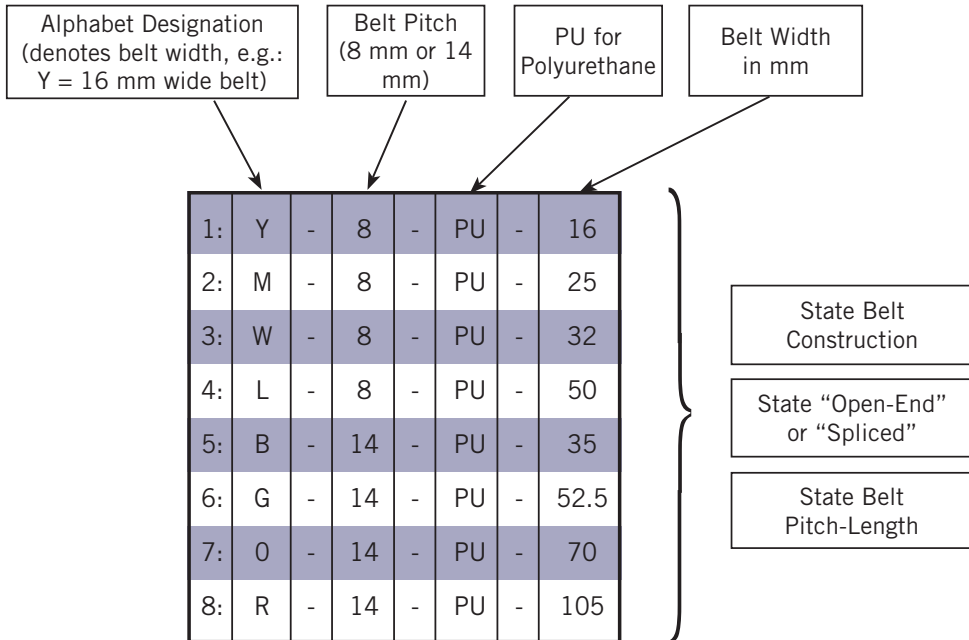
Part No: Y-8-PU-16-STD

- Y            Alphabetical designation denotes belt width (Y=16 mm Wide Belt)
- 8            8 mm Belt Pitch
- PU          Polyurethane
- 16          Belt Width (16 mm)
- STD        Standard Construction

## KEY FEATURES & BENEFITS

- Polyurethane material resists flaking, has higher dimensional stability and has superior wear and abrasion resistance.
- Self-tracking and compact drives.
- Less vibration and reduced noise.
- High flexibility.
- High-Precision linear positioning.
- Open end or spliced

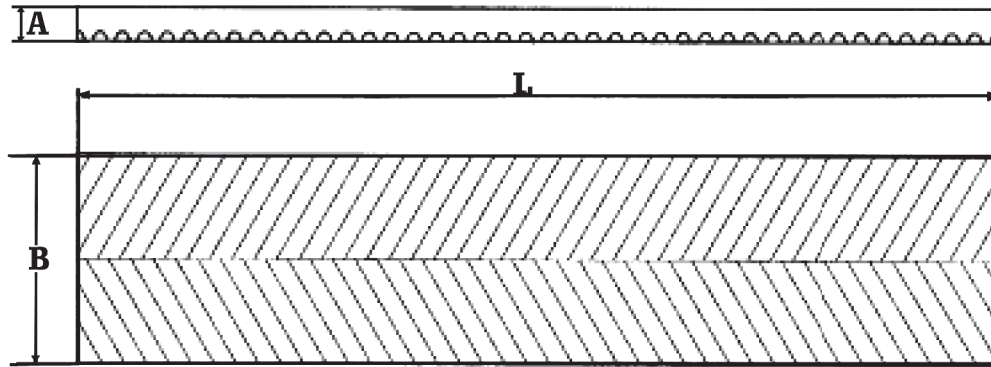
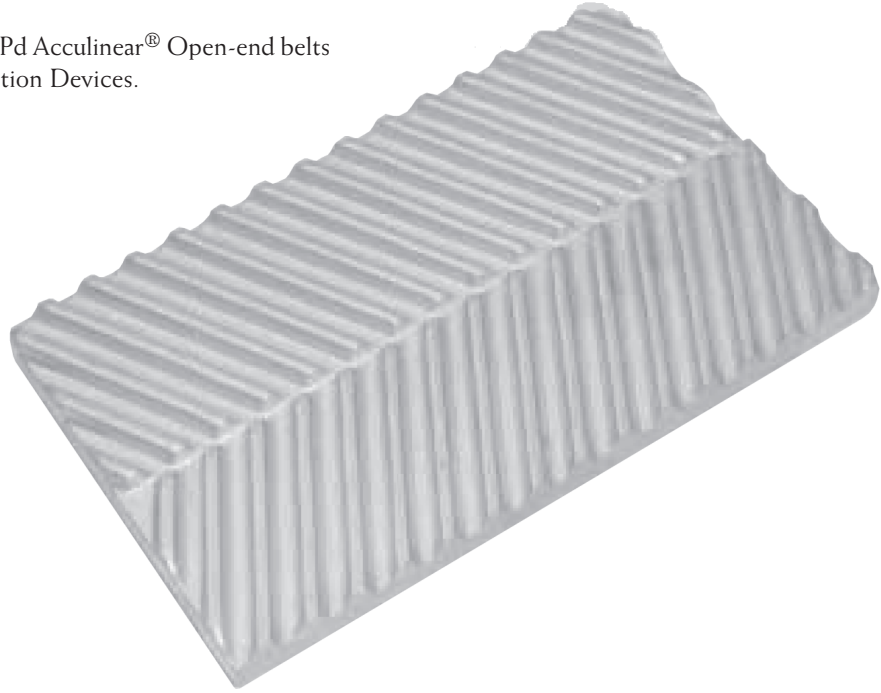
SYNCHRONOUS



# EAGLE Pd<sup>TM</sup> ACCULINEAR<sup>®</sup>

## ACCULINEAR<sup>®</sup> CLAMPING PLATES

Clamping Plates are available for Eagle Pd Acculinear<sup>®</sup> Open-end belts to allow them to be used in Linear Motion Devices.

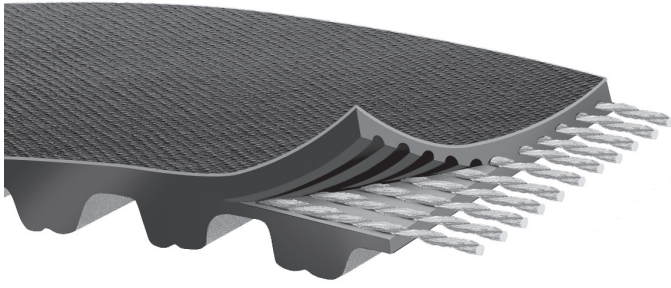


	Belts	Clamping Plates				Part Number
		A (mm)	B (mm)	L (mm)	Material	
1:	Y-8-PU-16	12	75	120	AL	Eagle Pd – 8mm – Clamping Plate
2:	M-8-PU-25	12	75	120	AL	
3:	W-8-PU-32	12	75	120	AL	
4:	L-8-PU-50	12	75	120	AL	
5:	B-14-PU-35	18	130	200	AL	Eagle Pd – 14mm – Clamping Plate
6:	G-14-PU-52.5	18	130	200	AL	
7:	O-14-PU-70	18	130	200	AL	
8:	R-14-PU-105	18	130	200	AL	

AL = Aluminum



# FALCON



Part No: 8GTR-640-12

8	8 mm Pitch
GTR	Falcon Belt
640	640 mm Pitch Length
12	12 mm Width

## APPLICATIONS

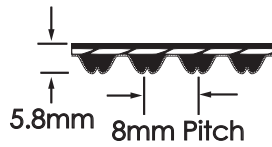
Any application where a chain drive could be used.  
 Can also be used with a backside idler when needed, allowing for additional applications.  
 Drop in replacement where Gates Poly Chain GT2\* is used.

## KEY FEATURES & BENEFITS

- Size for size "drop in" convenience. Example: Goodyear 8GTR-640-21 = Gates 8MGT-640-21\*
- Exceptional tensile strength for premium performance.
- Rubber construction provides better resistance to flex fatigue.
- Versatility in a wide range of operating temperatures.
- Temperature resistance: -50° to +85° C.
- Static conductive (ISO 9563).

\* Gates, Poly Chain and GT are trademarks of the Gates Corporation

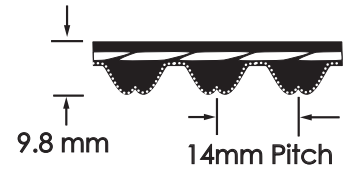
SYNCHRONOUS



### 8 M (8MM PITCH)

Belt reference	Pitch length Lp (mm)	Number of teeth
GTR 640 8M	640	80
GTR 720 8M	720	90
GTR 800 8M	800	100
GTR 896 8M	896	112
GTR 1000 8M	1000	125
GTR 1012 8M	1120	140
GTR 1200 8M	1200	150
GTR 1280 8M	1280	160
GTR 1440 8M	1440	180
GTR 1600 8M	1600	200
GTR 1792 8M	1792	224
GTR 2000 8M	2000	250
GTR 2240 8M	2240	280
GTR 2400 8M	2400	300
GTR 2520 8M	2520	315
GTR 2840 8M *	2840	355
GTR 3200 8M *	3200	400
GTR 3600 8M *	3600	450
GTR 4000 8M *	4000	500
GTR 4480 8M *	4480	560

Cut belts widths: 12 mm; 21 mm; 36 mm; 62 mm  
 Sleeve: \*350 mm  
 562 mm

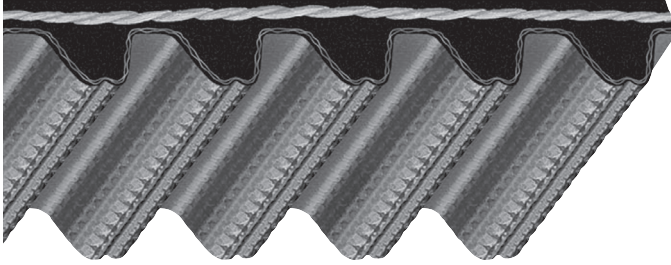


### 14 M (14MM PITCH)

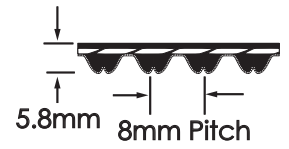
Belt reference	Pitch length Lp (mm)	Number of teeth
GTR 994 14M	994	71
GTR 1120 14M	1120	80
GTR 1190 14M	1190	85
GTR 1260 14M	1260	90
GTR 1400 14M	1400	100
GTR 1568 14M	1568	112
GTR 1750 14M	1750	125
GTR 1890 14M	1890	135
GTR 1960 14M	1960	140
GTR 2100 14M	2100	150
GTR 2240 14M	2240	160
GTR 2380 14M	2380	170
GTR 2520 14M	2520	180
GTR 2660 14M*	2660	190
GTR 2800 14M*	2800	200
GTR 3136 14M*	3136	224
GTR 3304 14M*	3304	236
GTR 3500 14M*	3500	250
GTR 3920 14M*	3920	280
GTR 4410 14M*	4410	315

Cut belts widths: 20 mm; 37 mm; 68 mm; 90 mm; 125 mm  
 Sleeve: \* 350 mm  
 562 mm

# BLACKHAWK



Part No: 480 8M BH 12  
 480 480 mm Pitch Length  
 8M 8 mm Pitch  
 BH Blackhawk Belt  
 12 12 mm Wide



## 8 M AVAILABLE SIZES

Belt reference	Pitch length Lp (mm)	Number of teeth
BH 480 8M	480	60
BH 560 8M	560	70
BH 600 8M	600	75
BH 640 8M	640	80
BH 720 8M	720	90
BH 800 8M	800	100
BH 880 8M	880	110
BH 960 8M	960	120
BH 1040 8M	1040	130
BH 1120 8M	1120	140
BH 1200 8M	1200	150
BH 1280 8M	1280	160
BH 1440 8M	1440	180
BH 1600 8M	1600	200
BH 1760 8M	1760	220
BH 1800 8M	1800	225
BH 2000 8M	2000	250
BH 2400 8M	2400	300
BH 2600 8M	2600	325
BH 2800 8M	2800	350
BH 3048 8M *	3048	381
BH 3280 8M *	3280	410
BH 3600 8M *	3600	450
BH 4400 8M *	4400	550

Cut belts widths: 20 mm, 30 mm, 50 mm, 85 mm  
 Sleeve: 660 mm, \*330 mm

### APPLICATIONS

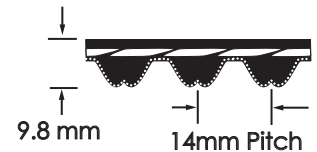
Nearly every conceivable industrial drive application where precise shaft synchronization is required. Blackhawk Pd belts can also be used as an alternative to problem V-belt and chain drives.

- Aggregate Machinery
- Paper Industry Machinery
- Printing Trade Machinery
- Food Processing Equipment
- Packaging Machinery
- Mining Equipment
- Woodworking Machinery
- Office Equipment
- Machine Tool
- Home Appliances
- HVAC Units
- Textile Machinery
- Farm Machinery
- Vending Machines

### KEY FEATURES & BENEFITS

- Universal tooth profile drops into existing HTD, RPP or PowerGrip GT\* sprocket.
- Quieter operation.
- High-grade Hibrex compound.
- Flexten tensile members provide excellent dimensional stability and high-impact strength.
- Requires little, if any, retensioning and less drive maintenance.
- Excellent Oil, ozone and abrasion resistant.
- Temperature resistance: -40° to +90° C.
- Designed for high-capacity performance.
- Higher power rating and longer life than traditional timing belts.

\* PowerGrip and GT are Trademarks of the Gates Corporation.



## 14 M AVAILABLE SIZES

Belt reference	Pitch length Lp (mm)	Number of teeth
BH 966 14M	966	69
BH 1190 14M	1190	85
BH 1400 14M	1400	100
BH 1610 14M	1610	115
BH 1778 14M	1778	127
BH 1890 14M	1890	135
BH 2100 14M	2100	150
BH 2310 14M	2310	165
BH 2450 14M	2450	175
BH 2590 14M	2590	185
BH 2800 14M	2800	200
BH 3150 14M *	3150	225
BH 3360 14M *	3360	240
BH 3500 14M *	3500	250
BH 3850 14M *	3850	275
BH 4326 14M *	4326	309
BH 4578 14M *	4578	327
BH 4956 14M *	4956	354
BH 5320 14M *	5320	380
BH 5740 14M *	5740	410
BH 6160 14M *	6160	440
BH 6860 14M *	6860	490

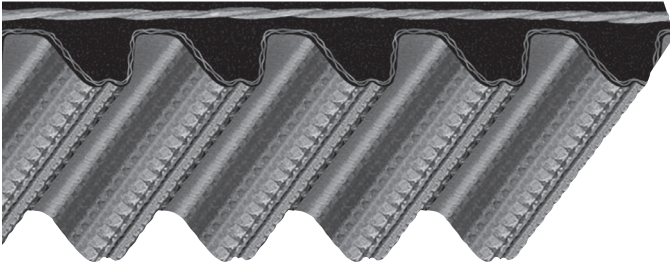
Cut belts widths: 40 mm, 55 mm, 85 mm, 115 mm, 170 mm  
 Sleeve: 660 mm, \*330 mm

SYNCHRONOUS





# WHITEHAWK Pd™



Part No: 480 8M WH 12

480 480 mm Pitch Length  
 8M 8 mm Pitch  
 WH Whitehawk Belt  
 20 20 mm Wide

## APPLICATIONS

Nearly every conceivable industrial drive application where precise shaft synchronization is required. Whitehawk Pd belts can also be used as an alternative to problem V-belt and chain drives.

- Aggregate Machinery
- Office Equipment
- Paper Industry Machinery
- Machine Tool
- Printing Trade Machinery
- Home Appliances
- Food Processing Equipment
- HVAC Units
- Packaging Machinery
- Textile Machinery
- Mining Equipment
- Farm Machinery
- Woodworking Machinery
- Vending Machines

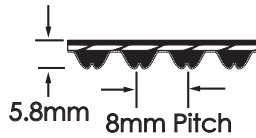
## KEY FEATURES & BENEFITS

- Universal tooth profile drops into existing HTD, RPP or PowerGrip GT\* sprocket.
- High-grade Goodyear compound.
- Requires little, if any, retensioning and less drive maintenance.
- Oil, ozone and abrasion resistant.
- Temperature resistance: -30° to +75° C.
- Designed for high-capacity performance.
- Higher power rating and longer life than HPPD+ belts.

\* PowerGrip and GT are Trademarks of the Gates Corporation.

SYNCHRONOUS

### 8 M AVAILABLE SIZES



Belt reference	Pitch length Lp (mm)	Number of teeth
WH 480 8M	480	60
WH 560 8M	560	70
WH 600 8M	600	75
WH 640 8M	640	80
WH 720 8M	720	90
WH 800 8M	800	100
WH 880 8M	880	110
WH 960 8M	960	120
WH 1040 8M	1040	130
WH 1120 8M	1120	140
WH 1200 8M	1200	150
WH 1280 8M	1280	160
WH 1440 8M	1440	180
WH 1600 8M	1600	200
WH 1760 8M	1760	220
WH 1800 8M	1800	225
WH 2000 8M	2000	250
WH 2400 8M	2400	300
WH 2600 8M	2600	325
WH 2800 8M	2800	350
WH 3048 8M*	3048	381
WH 3280 8M*	3280	410
WH 3600 8M*	3600	450
WH 4400 8M*	4400	550

Cut belts widths: 20 mm, 30 mm, 50 mm, 85 mm  
 Sleeve: 660 mm, \*330 mm

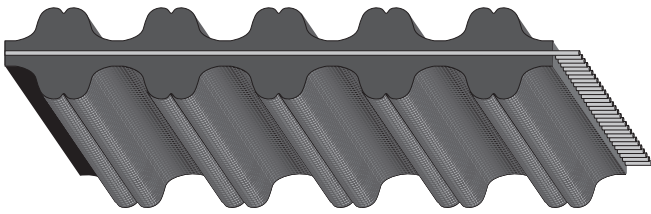
### 14 M AVAILABLE SIZES



Belt reference	Pitch length Lp (mm)	Number of teeth
WH 966 14M	966	69
WH 1190 14M	1190	85
WH 1400 14M	1400	100
WH 1610 14M	1610	115
WH 1778 14M	1778	127
WH 1890 14M	1890	135
WH 2100 14M	2100	150
WH 2310 14M	2310	165
WH 2450 14M	2450	175
WH 2590 14M	2590	185
WH 2800 14M	2800	200
WH 3150 14M*	3150	225
WH 3360 14M*	3360	240
WH 3500 14M*	3500	250
WH 3850 14M*	3850	275
WH 4326 14M*	4326	309
WH 4578 14M*	4578	327
WH 4956 14M*	4956	354
WH 5320 14M*	5320	380
WH 5740 14M*	5740	410
WH 6160 14M*	6160	440
WH 6860 14M*	6860	490

Cut belts widths: 40 mm, 55 mm, 85 mm, 115 mm, 170 mm  
 Sleeve: 660 mm, \* 330 mm

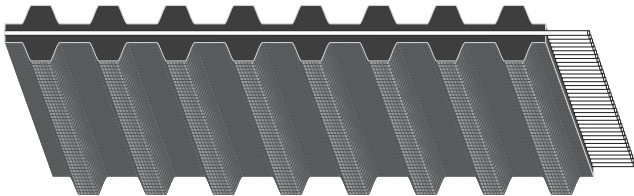
# DUAL SYNCHRONOUS BELTS



## DUAL HI-PERFORMANCE PD™

Part No: D1040 8M20

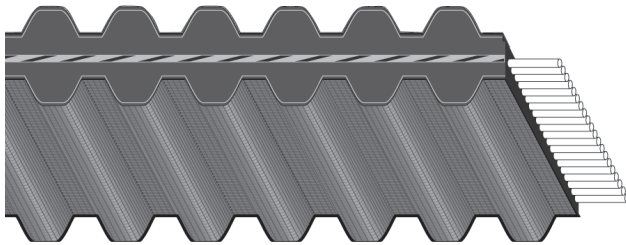
D	Dual Sided
1040	1040 mm Pitch Length
8M	8 mm Pitch – Round Tooth Profile
20	20 mm Wide



## DUAL POSITIVE DRIVE

Part No: D225 L050

D	Dual Sided
225	22.5" Pitch Length
L	L Pitch – Trapezoidal Tooth Profile
050	.50" Wide



## DUAL SUPER TORQUE POSITIVE DRIVE

Part No: D S8M 600 50

D	Dual Sided
600	600 mm Pitch Length
S	Super Torque Positive Drive Belt
8M	8 mm Pitch
50	50 mm Width

Available on request in profiles D S8M and D S14M.  
Please contact Goodyear PTP marketing.

### APPLICATIONS

For precision drives where synchronized reverse rotation drive shafts are encountered and compactness is desired.

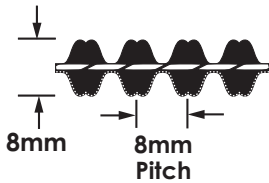
### KEY FEATURES & BENEFITS

- Dual-sided teeth versatility in 8M, 14M, XL, L and H profiles.
- High-grade Goodyear compound.
- Fiberglass tension cords for excellent resistance to shrinkage/elongation.
- More compact drive designs.
- Oil, heat, ozone and abrasion resistant.



# DUAL HI-PERFORMANCE Pd™

## D 8 M

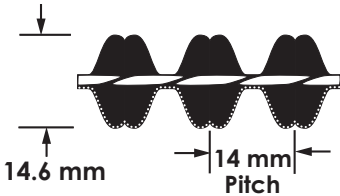


Belt reference	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (mm)	Number of teeth
D 8M 480	480	60	D 8M 1440	1440	180
D 8M 560	560	70	D 8M 1600	1600	200
D 8M 600	600	75	D 8M 1760	1760	220
D 8M 640	640	80	D 8M 1800	1800	225
D 8M 720	720	90	D 8M 2000	2000	250
D 8M 800	800	100	D 8M 2400	2400	300
D 8M 880	880	110	D 8M 2600	2600	325
D 8M 960	960	120	D 8M 2800	2800	350
D 8M 1040	1040	130	D 8M 3048	3048	381
D 8M 1120	1120	140	D 8M 3280	3280	410
D 8M 1200	1200	150	D 8M 3600	3600	450
D 8M 1280	1280	160	D 8M 4400	4400	550

Cut belts widths: 20 mm  
30 mm  
50 mm  
85 mm

Sleeve: 152 mm

SYNCHRONOUS



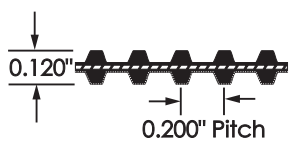
## D 14 M

Belt reference	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (mm)	Number of teeth
D 14M 966	966	69	D 14M 3150	3150	225
D 14M 1092	1092	78	D 14M 3360	3360	240
D 14M 1190	1190	85	D 14M 3500	3500	250
D 14M 1400	1400	100	D 14M 3850	3850	275
D 14M 1610	1610	115	D 14M 4326	4326	309
D 14M 1778	1778	127	D 14M 4578	4578	327
D 14M 1890	1890	135	D 14M 4956	4956	354
D 14M 2100	2100	150	D 14M 5320	5320	380
D 14M 2310	2310	165	D 14M 5740	5740	410
D 14M 2450	2450	175	D 14M 6160	6160	440
D 14M 2590	2590	185	D 14M 6860	6860	490
D 14M 2800	2800	200			

Cut belts widths: 30 mm  
40 mm  
85 mm  
115 mm

Sleeve: 152 mm

# DUAL POSITIVE DRIVE

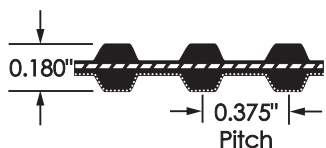


## D XL

1/5-inch pitch  
For business machines,  
instruments, sound  
equipment, etc.

Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth
D XL 60	6,0	152,40	30	D XL 220	22,0	558,80	110
D XL 70	7,0	177,80	35	D XL 230	23,0	584,20	115
D XL 80	8,0	203,20	40	D XL 240	24,0	609,60	120
D XL 90	9,0	228,60	45	D XL 250	25,0	635,00	125
D XL 100	10,0	254,00	50	D XL 260	26,0	660,40	130
D XL 110	11,0	279,40	55	D XL 280	28,0	711,20	140
D XL 120	12,0	304,80	60	D XL 290	29,0	736,60	145
D XL 130	13,0	330,20	65	D XL 300	30,0	762,00	150
D XL 140	14,0	355,60	70	D XL 310	31,0	787,40	155
D XL 150	15,0	381,00	75	D XL 330	33,0	838,20	165
D XL 160	16,0	406,40	80	D XL 362	36,2	919,50	181
D XL 170	17,0	431,80	85	D XL 392	39,2	995,70	196
D XL 180	18,0	457,20	90	D XL 450	45,0	1143,00	225
D XL 190	19,0	482,60	95	D XL 492	49,2	1249,70	246
D XL 200	20,0	508,00	100	D XL 690	69,0	1752,60	345
D XL 210	21,0	533,40	105	D XL 900	90,0	2286,10	450

Width: 1/4 inch = 025, 3/8 inch = 037; Sleeve: 152 mm

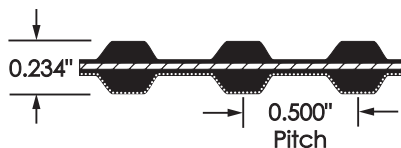


## D L

3/8-inch pitch  
For fraction power-rated  
motor applications such as  
in-home appliances, small  
tools, pumps, etc.

Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth
D L 124	12,4	314,90	33	D L 345	34,5	876,30	92
D L 150	15,0	381,00	40	D L 367	36,7	933,45	98
D L 187	18,7	475,90	50	D L 390	39,0	990,60	104
D L 210	21,0	533,40	56	D L 420	42,0	1066,80	112
D L 225	22,5	571,50	60	D L 450	45,0	1143,00	120
D L 240	24,0	609,60	64	D L 480	48,0	1219,20	128
D L 255	25,5	647,70	68	D L 510	51,0	1295,40	136
D L 270	27,7	685,80	72	D L 540	54,0	1371,60	144
D L 285	28,5	723,90	76	D L 600	60,0	1524,00	160
D L 300	30,0	762,00	80	D L 660	66,0	1676,40	176
D L 322	32,2	819,15	86				

Width: 1/2 inch = 050, 3/4 inch = 075, 1 inch = 100  
Sleeve: 152 mm



## D H (Heavy)

1/2-inch pitch  
For machine tools, pumps,  
fans, presses, motor generator  
sets, etc.

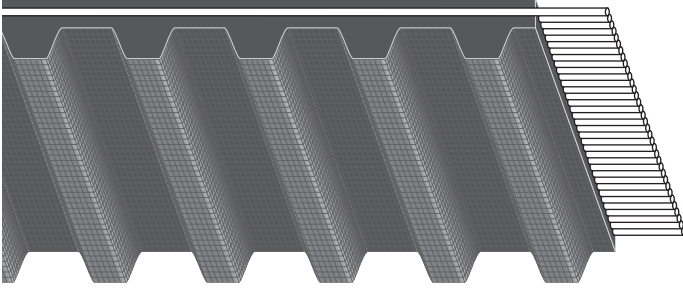
Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth	Belt reference	Pitch length Lp (inches)	Pitch length Lp (mm)	Number of teeth
D H 240	24,0	609,60	48	D H 600	60,0	1524,00	120
D H 270	27,0	685,80	54	D H 630	63,0	1600,20	126
D H 300	30,0	762,00	60	D H 660	66,0	1676,40	132
D H 330	33,0	838,20	66	D H 700	70,0	1778,00	140
D H 360	36,0	914,40	72	D H 750	75,0	1905,00	150
D H 390	39,0	990,60	78	D H 800	80,0	2032,00	160
D H 420	42,0	1066,80	84	D H 850	85,0	2159,00	170
D H 450	45,0	1143,00	90	D H 900	90,0	2286,00	180
D H 480	48,0	1219,20	96	D H 1000	100,0	2540,00	200
D H 510	51,0	1295,40	102	D H 1100	110,0	2794,00	220
D H 540	54,0	1371,60	108	D H 1250	125,0	3175,00	250
D H 560	56,0	1422,40	112	D H 1400	140,0	3556,00	280
D H 570	57,0	1447,80	114	D H 1700	170,0	4318,00	340

Width: 3/4 inch = 075, 1 inch = 100, 1 1/2 inch = 150, 2 inches = 200, 3 inches = 300  
Sleeve: 152 mm

SYNCHRONOUS



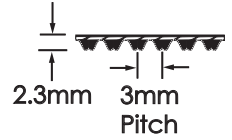
# OPEN END *Pd*<sup>TM</sup>



Part No: 5M 15  
 5M 5mm Pitch  
 15 15 mm Wide

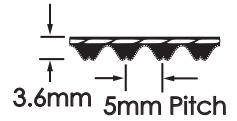
Part No: XL 075  
 XL Pitch-Trapezoidal Tooth  
 075 .75" Wide

## HPPD+ (Round Tooth)



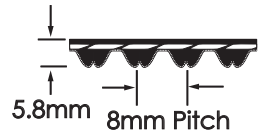
3 M

Belt reference	Profile	Roll length m	Kg/Meter
3M06	3M	69	0,01
3M09	3M	46	0,02
3M15	3M	26	0,04



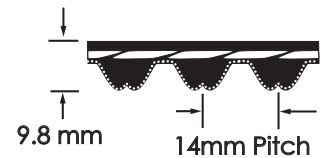
5 M

Belt reference	Profile	Roll length m	Kg/Meter
5M09	5M	145	0,04
5M15	5M	84	0,06
5M25	5M	53	0,10
5M50	5M	26	0,20



8 M

Belt reference	Profile	Roll length m	Kg/Meter
8M15	8M	122	0,09
8M20	8M	91	0,12
8M25	8M	69	0,15
8M30	8M	61	0,18
8M40	8M	46	0,21
8M50	8M	38	0,30
8M75	8M	23	0,44
8M80	8M	15	0,48
8M85	8M	15	0,50



14 M

Belt reference	Profile	Roll length m	Kg/Meter
14M40	14M	46	0,45
14M55	14M	30	0,66
14M85	14M	26	1,11
14M115	14M	20	1,55

Roll length +/- 10 %.  
 Available with glas/aramid cord.

SYNCHRONOUS

### APPLICATIONS

For synchronized applications.

- Elevation Mechanisms
- Positioning Drives
- Linear Motion Drives
- Metering Drives
- Open/Close Mechanisms
- Conveying Drives
- Reciprocating Drives
- Reversing Drives
- Replaces Chain Applications
- Fixed Center Drives
- Synchronized Tracking

### KEY FEATURES & BENEFITS

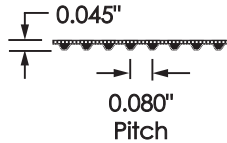
- Wide load range available from various cross sections.
- High power-to-weight ratio allows for lighter metallic or nonmetallic pulleys for greater weight savings.
- Provides space-saving design opportunities using small pulleys, short centers and narrow belts.
- Smooth engagement of belt and pulley eliminates chatter and vibration.
- Low noise improves aesthetic acceptance of equipment.
- Requires no lubrication or retensioning.



# OPEN END *Pd*<sup>TM</sup>

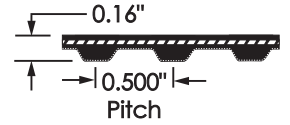
## POSITIVE DRIVE (Trapezoidal Tooth)

### MXL



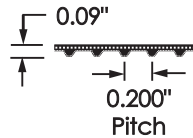
Belt reference	Profile	Roll length m	Kg/Meter
MXL012	MXL	229	0,01
MXL019	MXL	145	0,01
MXL025	MXL	107	0,01
MXL037	MXL	69	0,01

### H



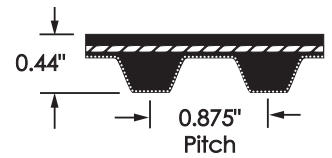
Belt reference	Profile	Roll length m	Kg/Meter
H037	H	206	0,04
H050	H	152	0,05
H062	H	122	0,07
H075	H	107	0,08
H100	H	76	0,11
H150	H	53	0,16
H200	H	38	0,21
H250	H	29	0,27
H300	H	26	0,32

### XL



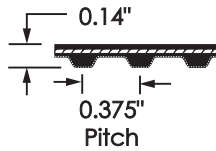
Belt reference	Profile	Roll length m	Kg/Meter
XL025	XL	152	0,01
XL037	XL	99	0,02
XL050	XL	76	0,03
XL075	XL	46	0,04

### XH



Belt reference	Profile	Roll length m	Kg/Meter
XH075	XH	76	0,23
XH100	XH	53	0,30
XH200	XH	29	0,60

### L



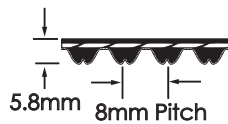
Belt reference	Profile	Roll length m	Kg/Meter
L050	L	152	0,05
L075	L	107	0,07
L100	L	76	0,09

Available with glass/aramid cord.

Roll length +/- 10 %.

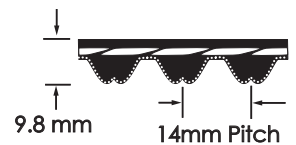
SYNCHRONOUS

## FALCON *Pd*<sup>TM</sup>



### 8 M (8 mm Pitch)

Belt reference	Roll Length
8GTR-12	133
8GTR-21	74
8GTR-36	41
8GTR-62	22



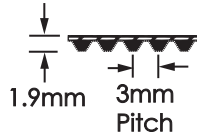
### 14 M (14 mm Pitch)

Belt reference	Roll Length
14GTR-20	77
14GTR-37	39
14GTR-68	19



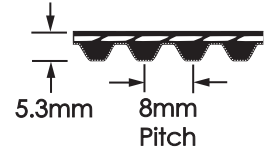
# OPEN END *PD*<sup>™</sup>

## SUPER TORQUE PD<sup>™</sup> (Round Tooth)



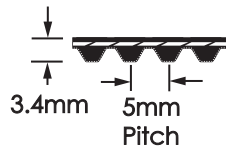
S 3 M

Belt reference	Profile	Roll length m	Kg/Meter
50S3M	S3M	84	0,01
60S3M	S3M	69	0,01
90S3M	S3M	46	0,02
100S3M	S3M	38	0,02
200S3M	S3M	20	0,05



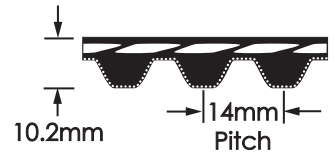
S 8 M

Belt reference	Profile	Roll length m	Kg/Meter
100S8M	S8M	183	0,05
150S8M	S8M	122	0,08
175S8M	S8M	99	0,09
200S8M	S8M	91	0,11
250S8M	S8M	69	0,13
300S8M	S8M	61	0,16
350S8M	S8M	53	0,18
400S8M	S8M	46	0,21
500S8M	S8M	38	0,26
600S8M	S8M	30	0,32



S 5 M

Belt reference	Profile	Roll length m	Kg/Meter
60S5M	S3M	297	0,02
100S5M	S5M	175	0,04
150S5M	S5M	114	0,06
250S5M	S5M	69	0,10



S 1 4 M

Belt reference	Profile	Roll length m	Kg/Meter
400S14M	S14M	46	0,45
550S14M	S14M	30	0,62
600S14M	S14M	30	0,68

Roll length +/- 10 %.

Available with glass/aramid cord.

SYNCHRONOUS