

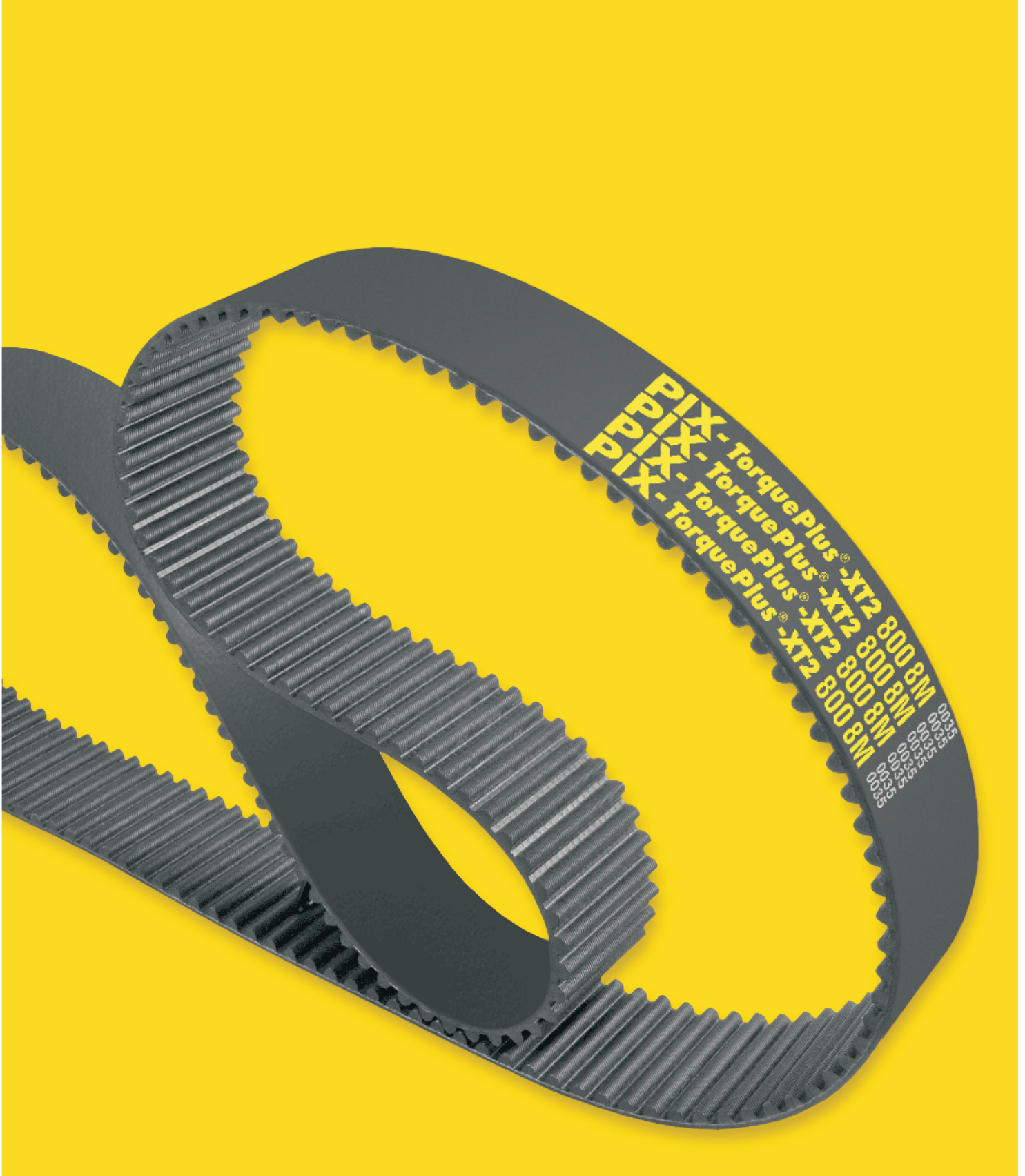


PIX

Power Transmission Solutions

Driving growth!

PIX-TorquePlus®-XT2 (High Power Timing Belts)



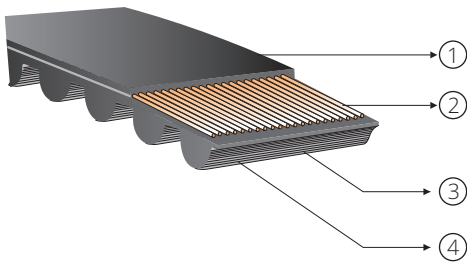
PIX-TorquePlus®-XT2

PIX-TorquePlus®-XT2 is an excellent solution for high power applications and can offer new application opportunities as an alternative to other systems like gear & chains that always have a disadvantage in terms of weight, high maintenance cost & intolerable noise levels.

PIX-TorquePlus®-XT2 is a versatile tool, to up-grade your existing drive without changing the existing pulleys. It represents highly efficient & innovative power transmission systems offered by PIX in order to satisfy a wide range of power transmission requirements.

PIX-TorquePlus®-XT2 Belts are manufactured with high quality materials, most modern hi-tech systems, resulting in the homogeneous integration of all constituents. It imparts excellent capacity to transmit higher torques & provides superior performance advantages.

Construction



- 1. Top Surface:** Specially designed flexible polychloroprene compound, offers high resistance to fatigue, and environmental conditions
- 2. Tensile Members:** The load is carried by fiber glass cord, having good stability against dynamic load conditions, high resistance to elongation, excellent flex life & higher tensile strength
- 3. The belt tooth:** Made up of the Neoprene based compound, offers excellent resistance to tooth shearing & flex fatigue. It is compounded to have superior resistance to oils, heat & ozone actions
- 4. Nylon Fabric:** Special woven fabric, resistant to heat and abrasion, protecting the teeth from getting damaged

Features & benefits:

- › 50% to 70% enhancement in power-rating over regular HTD / STD Belts
- › Synchronous power transmission
- › Resistance to loads
- › Low noise
- › Free from maintenance
- › No lubrication
- › Increased operational efficiency up to 98%
- › Temperature resistance up to 100°C
- › Optimum operational efficiency and augmented Belt life
- › Lower operational cost
- › Antistatic properties as required by ISO 9563

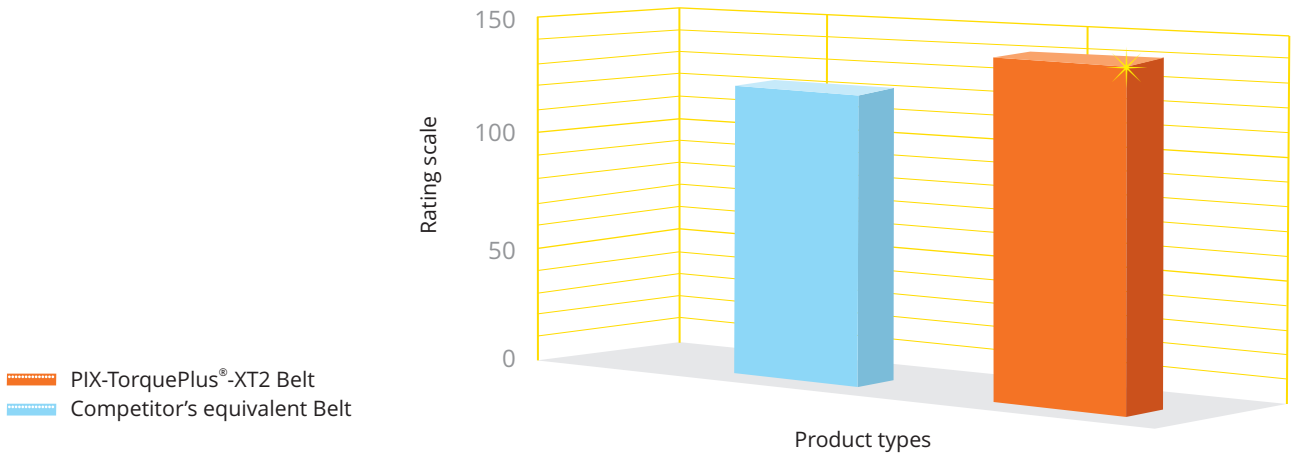
Application:

Comber machines in textile industry, roll grinders in pulp & paper industry, vibrating drives in mining & steel industries, robotic equipment, bottling machines, meat grinders, dough mixers, polishers, spinner cars in steel industry, petrochemical installations, case palletizers etc.

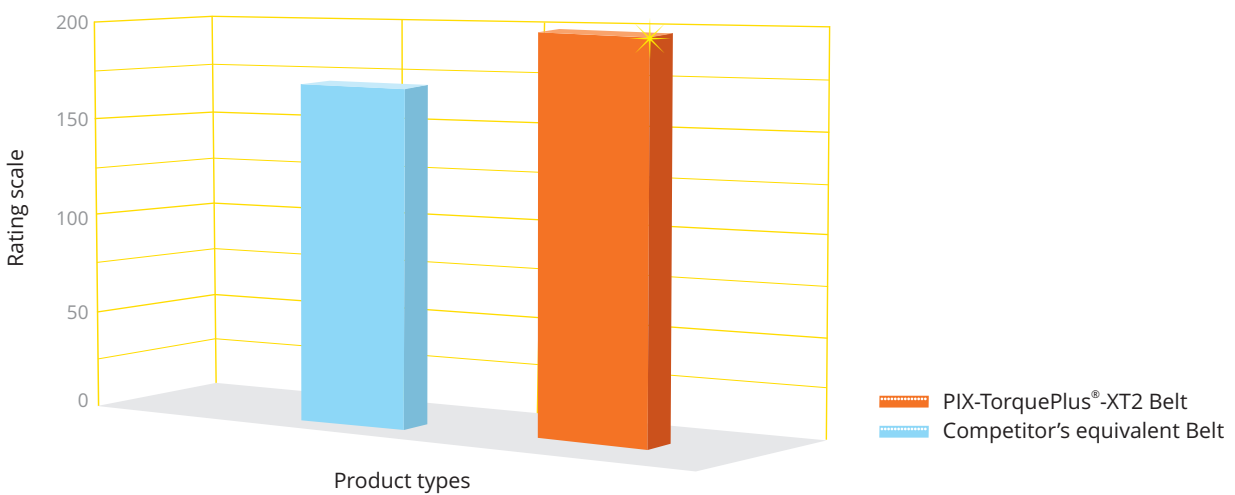
PIX-TorquePlus®-XT2

Comparative charts

Power rating



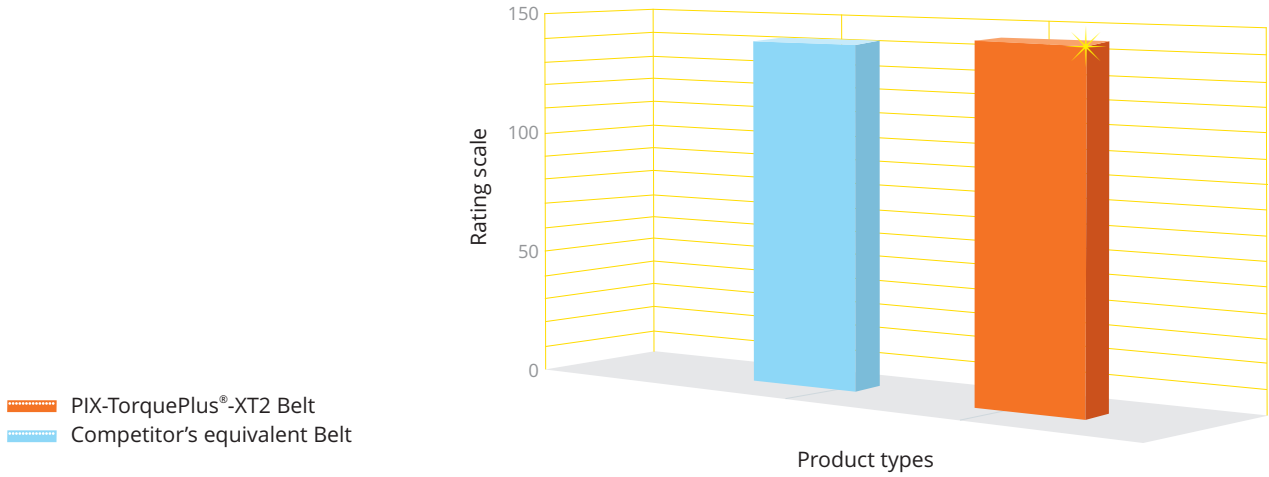
Product life



* Results observed in identical drive conditions

PIX-TorquePlus®-XT2

Product breaking strength



Product range

5M			5M			S5M		
Product Code	Pitch Length	No. of teeth	Product Code	Pitch Length	No. of teeth	Product Code	Pitch Length	No. of teeth
TP-300 5M	300	60	TP-720 5M	720	144	TP-S 5M 350	350	70
TP-320 5M	320	64	TP-740 5M	740	148	TP-S 5M 375	375	75
TP-325 5M	325	65	TP-750 5M	750	150	TP-S 5M 390	390	78
TP-330 5M	330	66	TP-760 5M	760	152	TP-S 5M 400	400	80
TP-340 5M	340	68	TP-800 5M	800	160	TP-S 5M 420	420	84
TP-350 5M	350	70	TP-810 5M	810	162	TP-S 5M 450	450	90
TP-360 5M	360	72	TP-835 5M	835	167	TP-S 5M 490	490	98
TP-375 5M	375	75	TP-850 5M	850	170	TP-S 5M 500	500	100
TP-385 5M	385	77	TP-860 5M	860	172	TP-S 5M 520	520	104
TP-390 5M	390	78	TP-870 5M	870	174	TP-S 5M 525	525	105
TP-400 5M	400	80	TP-890 5M	890	178	TP-S 5M 550	550	110
TP-425 5M	425	85	TP-895 5M	895	179	TP-S 5M 560	560	112
TP-450 5M	450	90	TP-900 5M	900	180	TP-S 5M 575	575	115
TP-475 5M	475	95	TP-925 5M	925	185	TP-S 5M 600	600	120
TP-500 5M	500	100	TP-935 5M	935	187	TP-S 5M 625	625	125
TP-525 5M	525	105	TP-950 5M	950	190	TP-S 5M 650	650	130
TP-535 5M	535	107	TP-980 5M	980	196	TP-S 5M 665	665	133
TP-540 5M	540	108	TP-1000 5M	1000	200	TP-S 5M 675	675	135
TP-550 5M	550	110	TP-1050 5M	1050	210	TP-S 5M 710	710	142
TP-560 5M	560	112	TP-1100 5M	1100	220	TP-S 5M 720	720	144
TP-565 5M	565	113	TP-1125 5M	1125	225	TP-S 5M 725	725	145
TP-575 5M	575	115	TP-1135 5M	1135	227	TP-S 5M 740	740	148
TP-580 5M	580	116	TP-1200 5M	1200	240	TP-S 5M 750	750	150
TP-590 5M	590	118	TP-1270 5M	1270	254	TP-S 5M 800	800	160
TP-600 5M	600	120	TP-1350 5M	1350	270	TP-S 5M 810	810	162
TP-610 5M	610	122	TP-1400 5M	1400	280	TP-S 5M 830	830	166
TP-615 5M	615	123	TP-1420 5M	1420	284	TP-S 5M 850	850	170
TP-635 5M	635	127	TP-1500 5M	1500	300	TP-S 5M 890	890	178
TP-640 5M	640	128	TP-1530 5M	1530	306	TP-S 5M 1000	1000	200
TP-645 5M	645	129	TP-1595 5M	1595	319	TP-S 5M 1050	1050	210
TP-665 5M	665	133	TP-1870 5M	1870	374	TP-S 5M 1195	1195	239
TP-670 5M	670	134	TP-2000 5M	2000	400	TP-S 5M 1225	1225	245
TP-700 5M	700	140	TP-2100 5M	2100	420	TP-S 5M 1270	1270	254
TP-710 5M	710	142	TP-2250 5M	2250	450	TP-S 5M 2525	2525	505

Pitch length in mm

Intermediate sizes are available upon request

Product range:

8M		
Product Code	Pitch Length	No. of teeth
TP-344 8M	344	43
TP-368 8M	368	46
TP-376 8M	376	47
TP-424 8M	424	53
TP-480 8M	480	60
TP-512 8M	512	64
TP-520 8M	520	65
TP-560 8M	560	70
TP-576 8M	576	72
TP-584 8M	584	73
TP-600 8M	600	75
TP-624 8M	624	78
TP-640 8M	640	80
TP-656 8M	656	82
TP-680 8M	680	85
TP-696 8M	696	87
TP-712 8M	712	89
TP-720 8M	720	90
TP-728 8M	728	91
TP-760 8M	760	95
TP-784 8M	784	98
TP-800 8M	800	100
TP-840 8M	840	105
TP-848 8M	848	106
TP-880 8M	880	110
TP-896 8M	896	112

8M		
Product Code	Pitch Length	No. of teeth
TP-912 8M	912	114
TP-920 8M	920	115
TP-960 8M	960	120
TP-968 8M	968	121
TP-1000 8M	1000	125
TP-1040 8M	1040	130
TP-1056 8M	1056	132
TP-1064 8M	1064	133
TP-1080 8M	1080	135
TP-1096 8M	1096	137
TP-1104 8M	1104	138
TP-1120 8M	1120	140
TP-1136 8M	1136	142
TP-1152 8M	1152	144
TP-1160 8M	1160	145
TP-1168 8M	1168	146
TP-1200 8M	1200	150
TP-1224 8M	1224	153
TP-1256 8M	1256	157
TP-1280 8M	1280	160
TP-1304 8M	1304	163
TP-1360 8M	1360	170
TP-1400 8M	1400	175
TP-1424 8M	1424	178
TP-1440 8M	1440	180
TP-1480 8M	1480	185

8M		
Product Code	Pitch Length	No. of teeth
TP-1520 8M	1520	190
TP-1552 8M	1552	194
TP-1600 8M	1600	200
TP-1640 8M	1640	205
TP-1680 8M	1680	210
TP-1696 8M	1696	212
TP-1760 8M	1760	220
TP-1784 8M	1784	223
TP-1800 8M	1800	225
TP-1880 8M	1880	235
TP-1896 8M	1896	237
TP-1904 8M	1904	238
TP-2000 8M	2000	250
TP-2080 8M	2080	260
TP-2104 8M	2104	263
TP-2160 8M	2160	270
TP-2240 8M	2240	280
TP-2248 8M	2248	281
TP-2272 8M	2272	284
TP-2400 8M	2400	300
TP-2600 8M	2600	325
TP-2800 8M	2800	350
TP-3200 8M	3200	400
TP-3280 8M	3280	410
TP-3600 8M	3600	450
TP-4400 8M	4400	550

S8M		
Product Code	Pitch Length	No. of teeth
TP-S 8M 376	376	47
TP-S 8M 440	440	55
TP-S 8M 480	480	60
TP-S 8M 512	512	64
TP-S 8M 520	520	65
TP-S 8M 560	560	70
TP-S 8M 584	584	73
TP-S 8M 600	600	75
TP-S 8M 632	632	79
TP-S 8M 640	640	80
TP-S 8M 656	656	82
TP-S 8M 712	712	89
TP-S 8M 720	720	90
TP-S 8M 760	760	95
TP-S 8M 800	800	100
TP-S 8M 824	824	103
TP-S 8M 840	840	105
TP-S 8M 848	848	106
TP-S 8M 856	856	107
TP-S 8M 880	880	110
TP-S 8M 896	896	112
TP-S 8M 920	920	115
TP-S 8M 944	944	118
TP-S 8M 960	960	120
TP-S 8M 976	976	122

S8M		
Product Code	Pitch Length	No. of teeth
TP-S 8M 984	984	123
TP-S 8M 1000	1000	125
TP-S 8M 1032	1032	129
TP-S 8M 1040	1040	130
TP-S 8M 1056	1056	132
TP-S 8M 1072	1072	134
TP-S 8M 1080	1080	135
TP-S 8M 1096	1096	137
TP-S 8M 1120	1120	140
TP-S 8M 1160	1160	145
TP-S 8M 1184	1184	148
TP-S 8M 1200	1200	150
TP-S 8M 1216	1216	152
TP-S 8M 1224	1224	153
TP-S 8M 1248	1248	156
TP-S 8M 1256	1256	157
TP-S 8M 1264	1264	158
TP-S 8M 1280	1280	160
TP-S 8M 1304	1304	163
TP-S 8M 1320	1320	165
TP-S 8M 1344	1344	168
TP-S 8M 1352	1352	169
TP-S 8M 1360	1360	170
TP-S 8M 1400	1400	175
TP-S 8M 1424	1424	178

S8M		
Product Code	Pitch Length	No. of teeth
TP-S 8M 1440	1440	180
TP-S 8M 1480	1480	185
TP-S 8M 1512	1512	189
TP-S 8M 1520	1520	190
TP-S 8M 1552	1552	194
TP-S 8M 1600	1600	200
TP-S 8M 1680	1680	210
TP-S 8M 1696	1696	212
TP-S 8M 1728	1728	216
TP-S 8M 1760	1760	220
TP-S 8M 1800	1800	225
TP-S 8M 1912	1912	239
TP-S 8M 2000	2000	250
TP-S 8M 2024	2024	253
TP-S 8M 2032	2032	254
TP-S 8M 2048	2048	256
TP-S 8M 2120	2120	265
TP-S 8M 2240	2240	280
TP-S 8M 2272	2272	284
TP-S 8M 2400	2400	300
TP-S 8M 2552	2552	319
TP-S 8M 2600	2600	325
TP-S 8M 2800	2800	350
TP-S 8M 2848	2848	356

Product range:

14M

Product Code	Pitch Length	No. of teeth
TP-966 14M	966	69
TP-1036 14M	1036	74
TP-1064 14M	1064	76
TP-1092 14M	1092	78
TP-1120 14M	1120	80
TP-1190 14M	1190	85
TP-1260 14M	1260	90
TP-1288 14M	1288	92
TP-1344 14M	1344	96
TP-1400 14M	1400	100
TP-1456 14M	1456	104
TP-1512 14M	1512	108
TP-1540 14M	1540	110
TP-1610 14M	1610	115
TP-1750 14M	1750	125
TP-1764 14M	1764	126
TP-1778 14M	1778	127
TP-1820 14M	1820	130
TP-1890 14M	1890	135
TP-1904 14M	1904	136
TP-1960 14M	1960	140
TP-2100 14M	2100	150
TP-2240 14M	2240	160
TP-2310 14M	2310	165
TP-2450 14M	2450	175
TP-2590 14M	2590	185
TP-2730 14M	2730	195
TP-2800 14M	2800	200
TP-3150 14M	3150	225
TP-3360 14M	3360	240
TP-3500 14M	3500	250
TP-3850 14M	3850	275
TP-4578 14M	4578	327



Pitch length in mm

Intermediate sizes are available upon request

Accessories



PIX Service Kit



PIX-X'align®
Laser-guided, Pulley Alignment Tool



PIX Digital Tension Meter



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Other High-end Products



PIX-Muscle®-XS3 Belts

High power, maintenance-free Belts in Wrap construction



PIX-Muscle®-XR3 Belts

High power, maintenance-free Belts in Raw Edge Cogged Construction



PIX-Brawn®-XT Belts

Hybrid Belts for flour and rice mills



PIX-Gallant®-XS

Heavy duty, high power Belts



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