



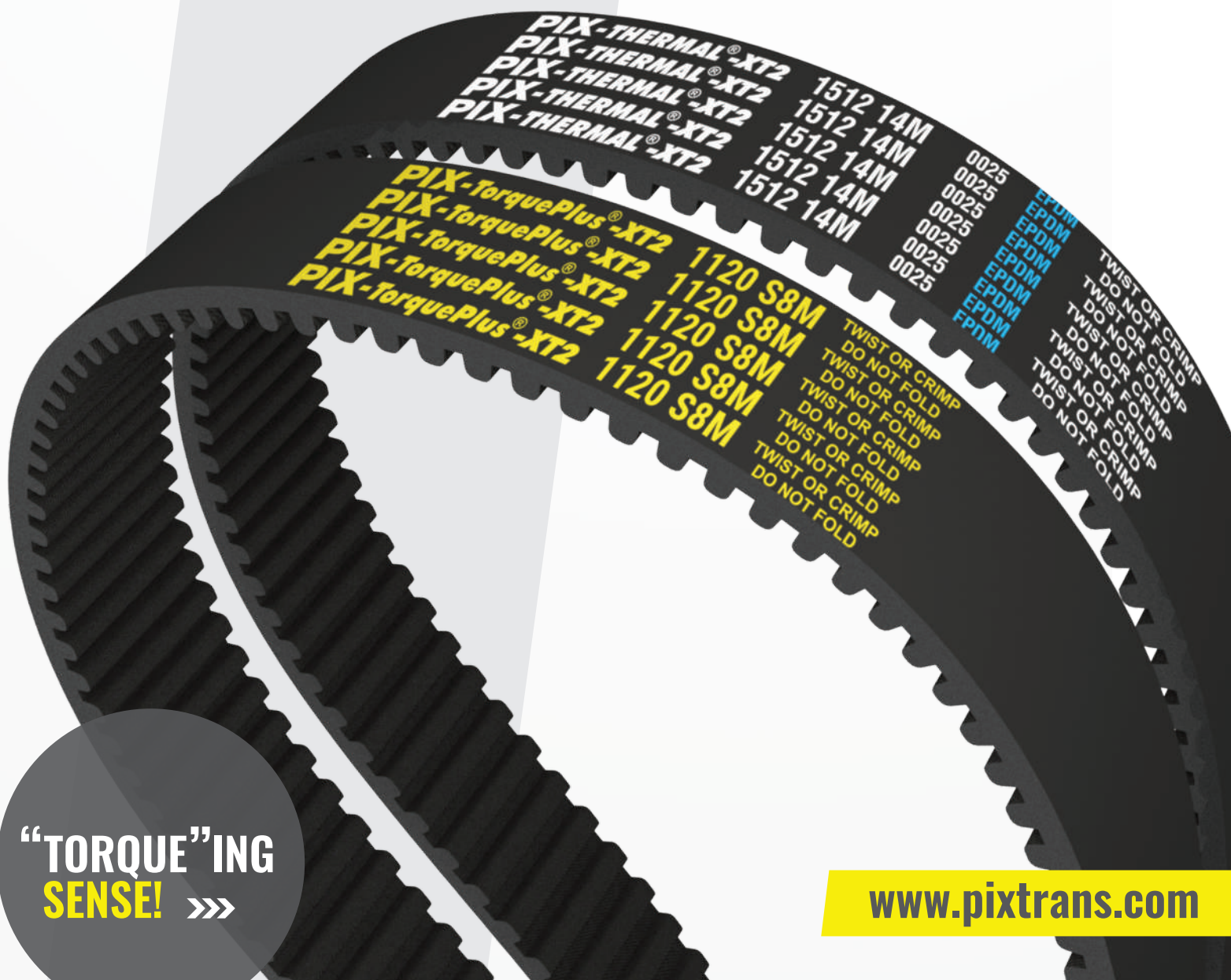
PIX

Power Transmission Solutions

Driving growth!

PIX-TorquePlus®-XT2

High-power, Timing Belts



“TORQUE”ING
SENSE! >>>

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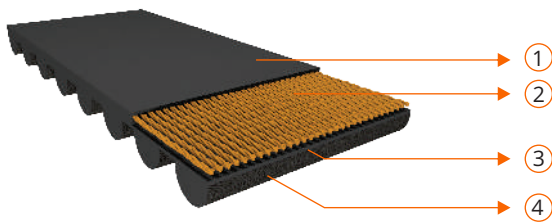
PIX-TorquePlus®-XT2

High-power, Timing Belts

PIX-TorquePlus®-XT2 is an excellent match for the high power transmission requirements and also offers an alternate power transmission tool for the gear and chain drives.

These are highly innovative and efficient Belts that satisfy a wide range of power transmission requirement; they can also be used over the existing Timing Belt drive, without the changeover of pulleys.

Construction



1. Specially designed flexible polychloroprene compound offers high resistance to fatigue, and adverse environmental conditions
2. Fibre glass cords for enhanced stability against dynamic load conditions, high resistance to elongation, offers excellent flex life and high tensile strength
3. Neoprene based compound offers excellent resistance to tooth shearing and flex fatigue, compounded to offer superior resistance to oil, heat and ozone
4. Specially woven fabric resistant to heat and abrasion protects the teeth from damage

Features & benefits:

- › 50% to 70% enhancement in power-rating over PIX-X'act® HTD/STD Belts
- › Higher angular speed, resistance to loads and low noise
- › Optimum operational efficiency and augmented Belt life
- › Lower operational cost
- › Anti-static properties as per ISO 9563
- › Oil & heat resistance
- › Temperature range -25°C to +100°C

Product range

Section	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)	Mfg. Range		Sleeve Width (mm)	Unit of Measurement	Length Designation
				Min.	Max.			
TP2-5M	5.00	2.06	3.80	300	2250	465	mm	Lp
TP2-8M	8.00	3.48	6.00	344	4400	460	mm	Lp
TP2-14M	14.00	6.02	10.00	966	4578	420	mm	Lp
TP2-S5M	5.00	1.91	3.40	350	2525	465	mm	Lp
TP2-S8M	8.00	3.05	5.30	376	2848	460	mm	Lp

Application:

Food processing machines, paper and packaging machines, printing machines, robotic equipment, conveyors, office equipment, medical equipment, dough mixers, textile machines, etc.

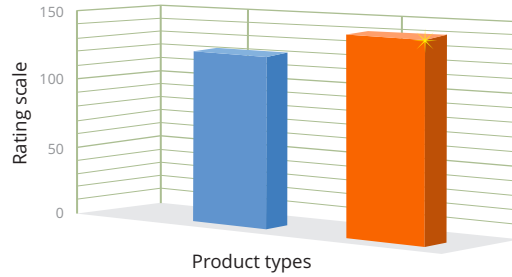
PIX-TorquePlus®-XT2

High-power, Timing Belts

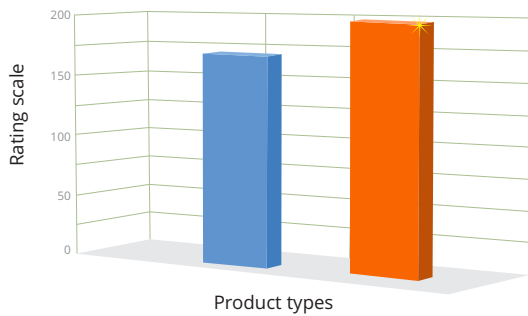
Test Results

Power rating

- PIX-TorquePlus®-XT2 Belt
- Competitor's equivalent Belt



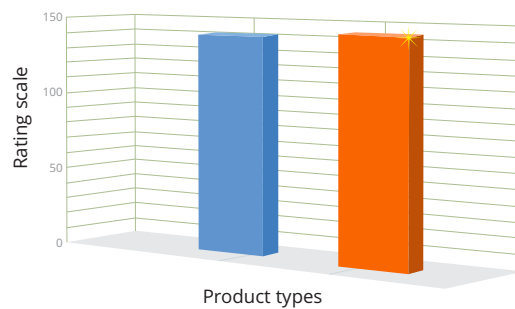
Product life index



- PIX-TorquePlus®-XT2 Belt
- Competitor's equivalent Belt

Breaking strength

- PIX-TorquePlus®-XT2 Belt
- Competitor's equivalent Belt



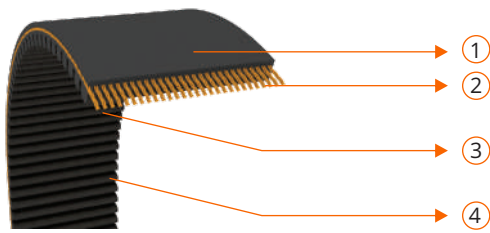
* Results observed in identical drive conditions

PIX-Thermal®-XT2

High-power, EPDM Timing Belts

In a continuous endeavour to improve our product offering and cater to a wider application base, we are pleased to announce the introduction of high-temperature variant of PIX-TorquePlus-XT2 Timing Belts. The new generation high-power, EPDM Timing Belts, PIX-Thermal®-XT2, specially designed for high-torque transmission drive with extended temperature resistance capacity.

Construction



1. Special compound, resistant to crack, offers superior flexibility
2. Specially treated glass cords for superior tensile strength and minimum elongation
3. High modulus fibre loaded EPDM rubber compound for superior teeth adhesion and enhanced power transmission
4. Nylon stretchable fabric teeth for high wear resistance

Features & benefits:

- › EPDM polymer construction for wider operational temperature range from -35°C to +130°C
- › Specially designed compound for ozone and crack resistance properties
- › Superior construction for higher transmission efficiency, lower noise, and augmented Belt life
- › Enhanced power transmission capacity with standard pulley drive configuration
- › Improved anti-static properties as per ISO 9563

Product range

Section	Pitch (mm)	Tooth Height (mm)	Belt Thickness (mm)	Mfg. Range		Sleeve Width (mm)	Unit of Measurement	Length Designation
				Min.	Max.			
HT-TP2 5M	5.00	2.06	3.80	300	2250	465	mm	Lp
HT-TP2 8M	8.00	3.48	6.00	344	4400	460	mm	Lp
HT-TP2 14M	14.00	6.02	10.00	966	4578	420	mm	Lp
HT-TP2 S5M	5.00	1.91	3.40	350	2525	465	mm	Lp
HT-TP2 S8M	8.00	3.05	5.30	376	2848	460	mm	Lp

PIX-Thermal®-XT2, however has limitations with regard to the oil resistance properties in comparison to the Torque Plus®-XT2 Belts, and therefore they are not recommended for applications where the drive is exposed to oil.

Application:

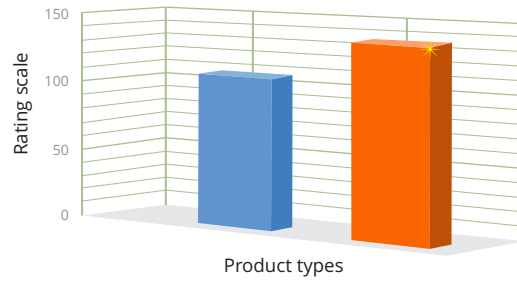
Food processing machines, paper & packaging machines, printing machines, robotic equipment, conveyors, office equipment, medical equipment, dough mixers, textile machines, etc.

PIX-Thermal[®]-XT2

High-power, EPDM Timing Belts

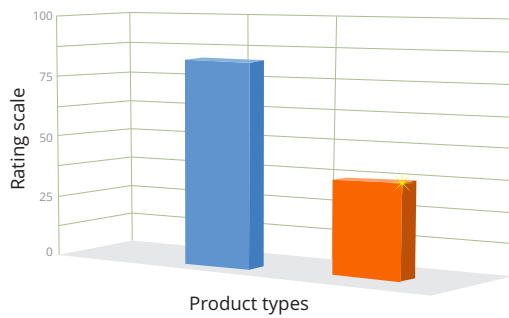
Test Results

Temperature rating



- PIX-Thermal[®]-XT2
- PIX-TorquePlus[®]-XT2

Oil resistance



- PIX-Thermal[®]-XT2
- PIX-TorquePlus[®]-XT2



PIX-TorquePlus®-XT2 / Thermal-XT2

Product range

5M				5M			
Product Code	Pitch Length	No. of teeth	Product Code	Pitch Length	No. of teeth		
TP2/TH 300 5M	300	60	TP2/TH 720 5M	720	144		
TP2/TH 320 5M	320	64	TP2/TH 740 5M	740	148		
TP2/TH 325 5M	325	65	TP2/TH 750 5M	750	150		
TP2/TH 330 5M	330	66	TP2/TH 760 5M	760	152		
TP2/TH 340 5M	340	68	TP2/TH 800 5M	800	160		
TP2/TH 350 5M	350	70	TP2/TH 810 5M	810	162		
TP2/TH 360 5M	360	72	TP2/TH 835 5M	835	167		
TP2/TH 375 5M	375	75	TP2/TH 850 5M	850	170		
TP2/TH 385 5M	385	77	TP2/TH 860 5M	860	172		
TP2/TH 390 5M	390	78	TP2/TH 870 5M	870	174		
TP2/TH 400 5M	400	80	TP2/TH 890 5M	890	178		
TP2/TH 425 5M	425	85	TP2/TH 895 5M	895	179		
TP2/TH 450 5M	450	90	TP2/TH 900 5M	900	180		
TP2/TH 475 5M	475	95	TP2/TH 925 5M	925	185		
TP2/TH 500 5M	500	100	TP2/TH 935 5M	935	187		
TP2/TH 525 5M	525	105	TP2/TH 950 5M	950	190		
TP2/TH 535 5M	535	107	TP2/TH 980 5M	980	196		
TP2/TH 540 5M	540	108	TP2/TH 1000 5M	1000	200		
TP2/TH 550 5M	550	110	TP2/TH 1050 5M	1050	210		
TP2/TH 560 5M	560	112	TP2/TH 1100 5M	1100	220		
TP2/TH 565 5M	565	113	TP2/TH 1125 5M	1125	225		
TP2/TH 575 5M	575	115	TP2/TH 1135 5M	1135	227		
TP2/TH 580 5M	580	116	TP2/TH 1200 5M	1200	240		
TP2/TH 590 5M	590	118	TP2/TH 1270 5M	1270	254		
TP2/TH 600 5M	600	120	TP2/TH 1350 5M	1350	270		
TP2/TH 610 5M	610	122	TP2/TH 1400 5M	1400	280		
TP2/TH 615 5M	615	123	TP2/TH 1420 5M	1420	284		
TP2/TH 635 5M	635	127	TP2/TH 1500 5M	1500	300		
TP2/TH 640 5M	640	128	TP2/TH 1530 5M	1530	306		
TP2/TH 645 5M	645	129	TP2/TH 1595 5M	1595	319		
TP2/TH 665 5M	665	133	TP2/TH 1870 5M	1870	374		
TP2/TH 670 5M	670	134	TP2/TH 2000 5M	2000	400		
TP2/TH 700 5M	700	140	TP2/TH 2100 5M	2100	420		
TP2/TH 710 5M	710	142	TP2/TH 2250 5M	2250	450		

S5M			
Product Code	Pitch Length	No. of teeth	
TP2/TH S5M 350	350	70	
TP2/TH S5M 375	375	75	
TP2/TH S5M 390	390	78	
TP2/TH S5M 400	400	80	
TP2/TH S5M 420	420	84	
TP2/TH S5M 450	450	90	
TP2/TH S5M 490	490	98	
TP2/TH S5M 500	500	100	
TP2/TH S5M 520	520	104	
TP2/TH S5M 525	525	105	
TP2/TH S5M 550	550	110	
TP2/TH S5M 560	560	112	
TP2/TH S5M 575	575	115	
TP2/TH S5M 600	600	120	
TP2/TH S5M 625	625	125	
TP2/TH S5M 650	650	130	
TP2/TH S5M 665	665	133	
TP2/TH S5M 675	675	135	
TP2/TH S5M 710	710	142	
TP2/TH S5M 720	720	144	
TP2/TH S5M 725	725	145	
TP2/TH S5M 740	740	148	
TP2/TH S5M 750	750	150	
TP2/TH S5M 800	800	160	
TP2/TH S5M 810	810	162	
TP2/TH S5M 830	830	166	
TP2/TH S5M 850	850	170	
TP2/TH S5M 890	890	178	
TP2/TH S5M 1000	1000	200	
TP2/TH S5M 1050	1050	210	
TP2/TH S5M 1195	1195	239	
TP2/TH S5M 1225	1225	245	
TP2/TH S5M 1270	1270	254	
TP2/TH S5M 2525	2525	505	

8M			
Product Code	Pitch Length	No. of teeth	
TP2/TH 344 8M	344	43	
TP2/TH 368 8M	368	46	
TP2/TH 376 8M	376	47	
TP2/TH 424 8M	424	53	
TP2/TH 480 8M	480	60	
TP2/TH 512 8M	512	64	
TP2/TH 520 8M	520	65	
TP2/TH 560 8M	560	70	
TP2/TH 576 8M	576	72	
TP2/TH 584 8M	584	73	
TP2/TH 600 8M	600	75	
TP2/TH 624 8M	624	78	
TP2/TH 640 8M	640	80	
TP2/TH 656 8M	656	82	
TP2/TH 680 8M	680	85	
TP2/TH 696 8M	696	87	
TP2/TH 712 8M	712	89	
TP2/TH 720 8M	720	90	
TP2/TH 728 8M	728	91	
TP2/TH 760 8M	760	95	
TP2/TH 784 8M	784	98	
TP2/TH 800 8M	800	100	
TP2/TH 840 8M	840	105	
TP2/TH 848 8M	848	106	
TP2/TH 880 8M	880	110	
TP2/TH 896 8M	896	112	

8M			
Product Code	Pitch Length	No. of teeth	
TP2/TH 912 8M	912	114	
TP2/TH 920 8M	920	115	
TP2/TH 960 8M	960	120	
TP2/TH 968 8M	968	121	
TP2/TH 1000 8M	1000	125	
TP2/TH 1040 8M	1040	130	
TP2/TH 1056 8M	1056	132	
TP2/TH 1064 8M	1064	133	
TP2/TH 1080 8M	1080	135	
TP2/TH 1096 8M	1096	137	
TP2/TH 1104 8M	1104	138	
TP2/TH 1120 8M	1120	140	
TP2/TH 1136 8M	1136	142	
TP2/TH 1152 8M	1152	144	
TP2/TH 1160 8M	1160	145	
TP2/TH 1168 8M	1168	146	
TP2/TH 1200 8M	1200	150	
TP2/TH 1224 8M	1224	153	
TP2/TH 1256 8M	1256	157	
TP2/TH 1280 8M	1280	160	
TP2/TH 1304 8M	1304	163	
TP2/TH 1360 8M	1360	170	
TP2/TH 1400 8M	1400	175	
TP2/TH 1424 8M	1424	178	
TP2/TH 1440 8M	1440	180	
TP2/TH 1480 8M	1480	185	

8M			
Product Code	Pitch Length	No. of teeth	
TP2/TH 1520 8M	1520	190	
TP2/TH 1552 8M	1552	194	
TP2/TH 1600 8M	1600	200	
TP2/TH 1640 8M	1640	205	
TP2/TH 1680 8M	1680	210	
TP2/TH 1696 8M	1696	212	
TP2/TH 1760 8M	1760	220	
TP2/TH 1784 8M	1784	223	
TP2/TH 1800 8M	1800	225	
TP2/TH 1880 8M	1880	235	
TP2/TH 1896 8M	1896	237	
TP2/TH 1904 8M	1904	238	
TP2/TH 2000 8M	2000	250	
TP2/TH 2080 8M	2080	260	
TP2/TH 2104 8M	2104	263	
TP2/TH 2160 8M	2160	270	
TP2/TH 2240 8M	2240	280	
TP2/TH 2248 8M	2248	281	
TP2/TH 2272 8M	2272	284	
TP2/TH 2400 8M	2400	300	
TP2/TH 2600 8M	2600	325	
TP2/TH 2800 8M	2800	350	
TP2/TH 3200 8M	3200	400	
TP2/TH 3280 8M	3280	410	
TP2/TH 3600 8M	3600	450	
TP2/TH 4400 8M	4400	550	

PIX-TorquePlus®-XT2 / Thermal-XT2

Product range

S8M				S8M				S8M			
Product Code	Pitch Length	No. of teeth		Product Code	Pitch Length	No. of teeth		Product Code	Pitch Length	No. of teeth	
TP2/TH S8M 376	376	47		TP2/TH S8M 984	984	123		TP2/TH S8M 1440	1440	180	
TP2/TH S8M 440	440	55		TP2/TH S8M 1000	1000	125		TP2/TH S8M 1480	1480	185	
TP2/TH S8M 480	480	60		TP2/TH S8M 1032	1032	129		TP2/TH S8M 1512	1512	189	
TP2/TH S8M 512	512	64		TP2/TH S8M 1040	1040	130		TP2/TH S8M 1520	1520	190	
TP2/TH S8M 520	520	65		TP2/TH S8M 1056	1056	132		TP2/TH S8M 1552	1552	194	
TP2/TH S8M 560	560	70		TP2/TH S8M 1072	1072	134		TP2/TH S8M 1600	1600	200	
TP2/TH S8M 584	584	73		TP2/TH S8M 1080	1080	135		TP2/TH S8M 1680	1680	210	
TP2/TH S8M 600	600	75		TP2/TH S8M 1096	1096	137		TP2/TH S8M 1696	1696	212	
TP2/TH S8M 632	632	79		TP2/TH S8M 1120	1120	140		TP2/TH S8M 1728	1728	216	
TP2/TH S8M 640	640	80		TP2/TH S8M 1160	1160	145		TP2/TH S8M 1760	1760	220	
TP2/TH S8M 656	656	82		TP2/TH S8M 1184	1184	148		TP2/TH S8M 1800	1800	225	
TP2/TH S8M 712	712	89		TP2/TH S8M 1200	1200	150		TP2/TH S8M 1912	1912	239	
TP2/TH S8M 720	720	90		TP2/TH S8M 1216	1216	152		TP2/TH S8M 2000	2000	250	
TP2/TH S8M 760	760	95		TP2/TH S8M 1224	1224	153		TP2/TH S8M 2024	2024	253	
TP2/TH S8M 800	800	100		TP2/TH S8M 1248	1248	156		TP2/TH S8M 2032	2032	254	
TP2/TH S8M 824	824	103		TP2/TH S8M 1256	1256	157		TP2/TH S8M 2048	2048	256	
TP2/TH S8M 840	840	105		TP2/TH S8M 1264	1264	158		TP2/TH S8M 2120	2120	265	
TP2/TH S8M 848	848	106		TP2/TH S8M 1280	1280	160		TP2/TH S8M 2240	2240	280	
TP2/TH S8M 856	856	107		TP2/TH S8M 1304	1304	163		TP2/TH S8M 2272	2272	284	
TP2/TH S8M 880	880	110		TP2/TH S8M 1320	1320	165		TP2/TH S8M 2400	2400	300	
TP2/TH S8M 896	896	112		TP2/TH S8M 1344	1344	168		TP2/TH S8M 2552	2552	319	
TP2/TH S8M 920	920	115		TP2/TH S8M 1352	1352	169		TP2/TH S8M 2600	2600	325	
TP2/TH S8M 944	944	118		TP2/TH S8M 1360	1360	170		TP2/TH S8M 2800	2800	350	
TP2/TH S8M 960	960	120		TP2/TH S8M 1400	1400	175		TP2/TH S8M 2848	2848	356	
TP2/TH S8M 976	976	122		TP2/TH S8M 1424	1424	178					

14M				14M				14M			
Product Code	Pitch Length	No. of teeth		Product Code	Pitch Length	No. of teeth		Product Code	Pitch Length	No. of teeth	
TP2/TH 966 14M	966	69		TP2/TH 1512 14M	1512	108		TP2/TH 2240 14M	2240	160	
TP2/TH 1036 14M	1036	74		TP2/TH 1540 14M	1540	110		TP2/TH 2310 14M	2310	165	
TP2/TH 1064 14M	1064	76		TP2/TH 1610 14M	1610	115		TP2/TH 2450 14M	2450	175	
TP2/TH 1092 14M	1092	78		TP2/TH 1750 14M	1750	125		TP2/TH 2590 14M	2590	185	
TP2/TH 1120 14M	1120	80		TP2/TH 1764 14M	1764	126		TP2/TH 2730 14M	2730	195	
TP2/TH 1190 14M	1190	85		TP2/TH 1778 14M	1778	127		TP2/TH 2800 14M	2800	200	
TP2/TH 1260 14M	1260	90		TP2/TH 1820 14M	1820	130		TP2/TH 3150 14M	3150	225	
TP2/TH 1288 14M	1288	92		TP2/TH 1890 14M	1890	135		TP2/TH 3360 14M	3360	240	
TP2/TH 1344 14M	1344	96		TP2/TH 1904 14M	1904	136		TP2/TH 3500 14M	3500	250	
TP2/TH 1400 14M	1400	100		TP2/TH 1960 14M	1960	140		TP2/TH 3850 14M	3850	275	
TP2/TH 1456 14M	1456	104		TP2/TH 2100 14M	2100	150		TP2/TH 4578 14M	4578	327	

Pitch length in mm

Intermediate sizes are available upon request

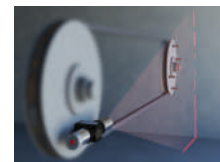
Accessories



PIX-Service Kit



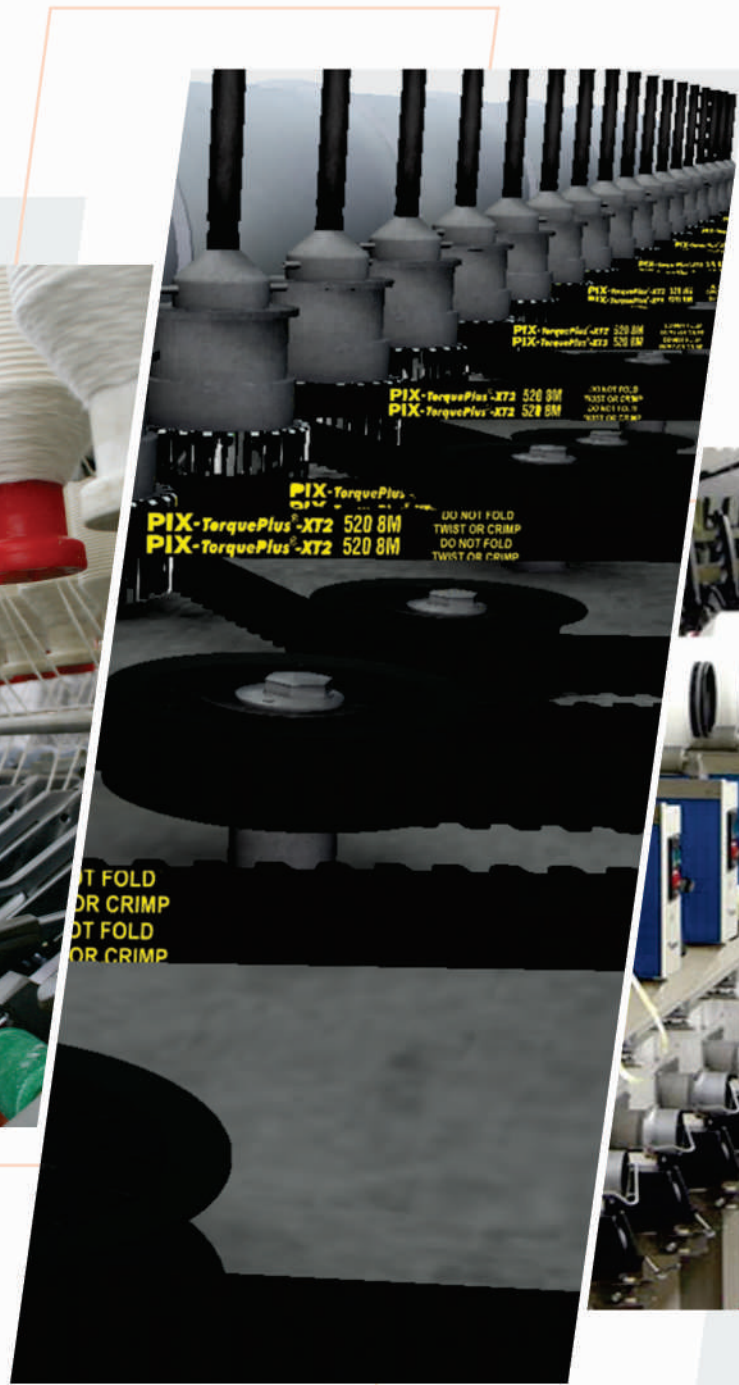
PIX-Digital Tension Meter



PIX-XAlign
(Laser-guided, Pulley Alignment Tool)



PIX-Mobile APP



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