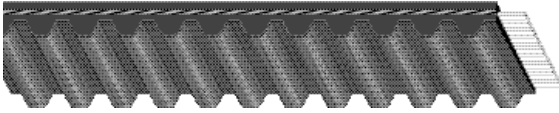




# SUPER TORQUE Pd™



Part No: 100S4.5M175

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

SYNCHRONOUS

## BUILT FOR STRENGTH & ENDURANCE

The original Goodyear-designed Super Torque Pd belts are designed for high-capacity performance. They are also made of the highest quality materials.

The tensile members are made from high-strength, stable fiberglass. They have excellent flex life and are resistant to elongation. The backing is made of Goodyear's proprietary compound technology that is highly heat-resistant and shear-resistant. And the nylon facing is fabricated to provide low friction interface between belt and sprocket.

## A DIFFERENT POSITIVE DRIVE TOOTH DESIGN

The Goodyear Super Torque Pd belt tooth carries some significant advantages over competitive synchronous belts. You can run your finger along the bottom of the tooth and feel the flat surface. When the belt engages the uniquely designed pulley profile, forces are distributed throughout the entire belt tooth to disperse critical stresses over more area, resulting in reduced tooth shear and longer life.

The pulley for the Goodyear Super Torque Pd belt has an arch in the bottom of the grooves that projects up to support the belt tooth. This support from the pulley is the key dynamic feature to increased belt capabilities. Together, the pulley and tooth of the Super Torque Pd belt extend the possibilities at both ends of the design spectrum.

All Super Torque Pd belts are nonstock. Standard factory lead times will apply. Minimums apply. Contact your local Goodyear power transmission products distributor.

## 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.

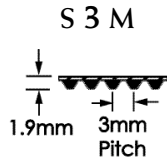
- Milling Machines
- Engine Accessory Drives
- Internal Combustion Engines
- Timers or Controllers
- Compressors
- Wood Chippers
- Conveyors
- Debarkers
- Lathes
- Shapers
- Textile Machinery
- Mixers

## KEY FEATURES & BENEFITS

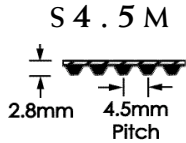
- Unique tooth profile for quiet tooth engagement.
- Improved horsepower capacity over standard HTD profiles.
- High-grade Goodyear compound.
- Fiberglass tension cords for excellent resistance to shrinkage/elongation.
- Oil, heat, ozone, and abrasion resistant.
- Mating sprockets required.
- Low-maintenance/high-efficiency rating.

# SUPER TORQUE

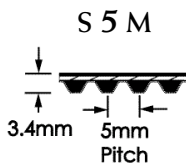
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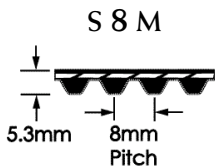
Part Number	No. of Teeth	Part Number	No. of Teeth	Part Number	No. of Teeth	Part Number	No. of Teeth
S3M120	40	S3M252	84	S3M363	121	S3M501	167
S3M150	50	S3M264	88	S3M384	128	S3M537	179
S3M177	59	S3M276	92	S3M420	140	S3M564	188
S3M201	67	S3M300	100	S3M459	153	S3M633	211
S3M225	75	S3M339	113	S3M486	162		



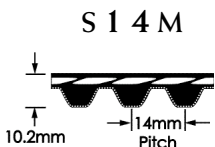
Part Number	No. of Teeth	Part Number	No. of Teeth	Part Number	No. of Teeth	Part Number	No. of Teeth
S4.5M175	39	S4.5M247	55	S4.5M306	68	S4.5M504	112
S4.5M180	40	S4.5M297	66	S4.5M342	76	S4.5M621	138
S4.5M225	50						



Part Number	No. of Teeth	Part Number	No. of Teeth	Part Number	No. of Teeth	Part Number	No. of Teeth
S5M255	51	S5M475	95	S5M700	140	S5M1270	254
S5M295	59	S5M500	100	S5M750	150	S5M1350	270
S5M325	65	S5M525	105	S5M800	160	S5M1420	284
S5M350	70	S5M560	112	S5M850	170	S5M1800	360
S5M375	75	S5M575	115	S5M900	180	S5M2000	400
S5M400	80	S5M600	120	S5M950	190	S5M2770	554
S5M425	85	S5M625	125	S5M1000	200		
S5M435	87	S5M650	130	S5M1050	210		
S5M450	90	S5M675	135	S5M1125	225		



Part Number	No. of Teeth	Part Number	No. of Teeth	Part Number	No. of Teeth	Part Number	No. of Teeth
S8M440	55	S8M824	103	S8M1120	140	S8M1488	186
S8M448	56	S8M840	105	S8M1136	142	S8M1544	193
S8M480	60	S8M848	106	S8M1160	145	S8M1552	194
S8M496	62	S8M880	110	S8M1176	147	S8M1600	200
S8M512	64	S8M896	112	S8M1184	148	S8M1680	210
S8M528	66	S8M920	115	S8M1200	150	S8M1696	212
S8M560	70	S8M928	116	S8M1208	151	S8M1760	220
S8M576	72	S8M936	117	S8M1224	153	S8M1800	225
S8M592	74	S8M944	118	S8M1248	156	S8M2000	250
S8M600	75	S8M960	120	S8M1256	157	S8M2032	254
S8M632	79	S8M976	122	S8M1264	158	S8M2240	280
S8M648	81	S8M984	123	S8M1280	160	S8M2272	284
S8M656	82	S8M992	124	S8M1304	163	S8M2392	299
S8M680	85	S8M1000	125	S8M1312	164	S8M2400	300
S8M688	86	S8M1024	128	S8M1360	170	S8M2496	312
S8M712	89	S8M1032	129	S8M1384	173	S8M2600	325
S8M720	90	S8M1040	130	S8M1400	175	S8M2800	350
S8M752	94	S8M1056	132	S8M1432	179	S8M3200	400
S8M760	95	S8M1072	134	S8M1440	180		
S8M800	100	S8M1096	137	S8M1480	185		



Part Number	No. of Teeth	Part Number	No. of Teeth	Part Number	No. of Teeth	Part Number	No. of Teeth
S14M1120	80	S14M1778	127	S14M2310	165	S14M3500	250
S14M1190	85	S14M1890	135	S14M2450	175	S14M3850	275
S14M1400	100	S14M2002	143	S14M2590	185	S14M4004	286
S14M1540	110	S14M2100	150	S14M2800	200	S14M4508	322
S14M1610	115	S14M2240	160	S14M3150	225	S14M5012	358

Note: All Super Torque belts are nonstock. Standard factory lead times will apply. Mandrel quantity minimums apply. Other sizes available upon request.