

POWERGRIP™ HTD™

RUBBER SYNCHRONOUS BELT WITH HTD TOOTH PROFILE

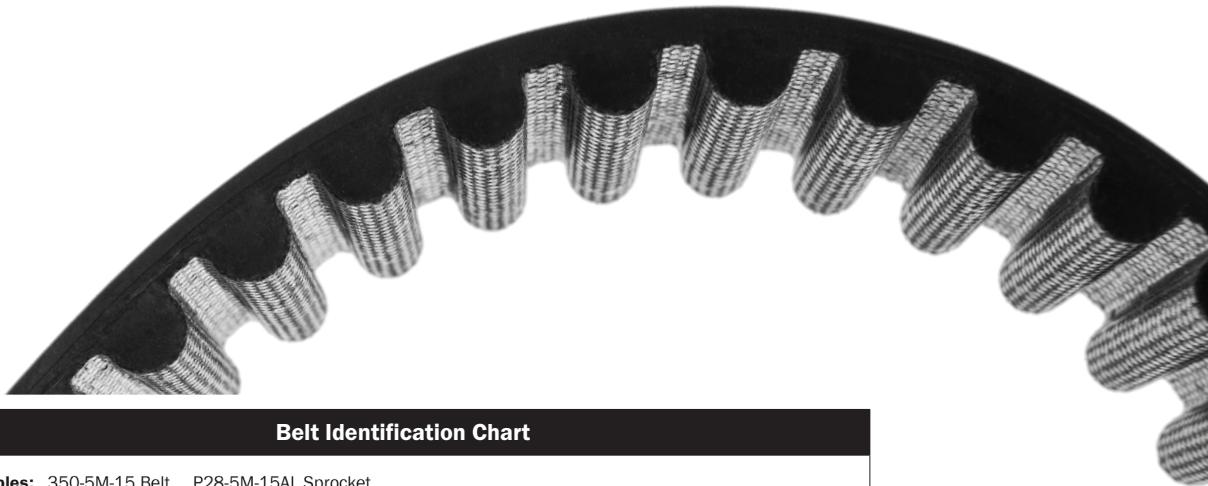
PowerGrip HTD belts have a larger, more robust tooth profile for increased capacity, as compared to timing belts. 3M and 5M belts are suitable for domestic appliances, office machines, electric hand tools and for applications in the processing and chemical industry. 8M, 14M and 20M belts are used in high performance drives in the machine tool, paper and textile industries where durability and low maintenance are required.

CONSTRUCTION + SPECIFICATIONS

- **Fiberglass tensile cord** provides high strength, excellent flex life and high resistance to elongation.
- **Neoprene body** provides protection against grime, grease, oil and moisture.
- **Nylon tooth facing** provides a durable wear surface for long service life.

FEATURES + BENEFITS

- Maintenance-free, clean solution for roller chain drive conversion.
- No lubrication required.
- No retensioning required.
- Operating temperature range: -30°C/-22°F to +100°C/+212°F.



Belt Identification Chart				
Examples: 350-5M-15 Belt P28-5M-15AL Sprocket				
	Standard Widths (in.)	A	B	C
3mm	6, 9, 15	3mm .1181 in.	2.41mm .095 in.	1.22mm .048 in.
5mm	9, 15, 25	5mm .197 in.	3.81mm .150 in.	2.08mm .082 in.
8mm	20, 30, 50, 85	8mm .315 in.	6mm .236 in.	3.4mm .133 in.
14mm	40, 55, 85, 115, 170	14mm .552 in.	10mm .394 in.	6.0mm .237 in.
20mm	115, 170, 230, 290, 340	20mm .787 in.	13.2mm .520 in.	8.4mm .330 in.

3mm Pitch

5mm Pitch

8mm Pitch

14mm Pitch

20mm Pitch

BELT IDENTIFICATION
520-8M-20
520 - Pitch Length (mm)
8M - 8mm Pitch
20 - Belt Width (mm)
Available Stock Sizes
3M 87-2004 (mm)
5M 180-3800 (mm)
8M 320-2272 (mm)
14M 784-4004 (mm)
20M 2000-6600 (mm)



PowerGrip® HTD® Belts

Product No. Series 9293 (continued)

3mm Pitch — 9mm Wide (continued)

Part No.	Product No.	Number of Teeth	Pitch Length (in)	Weight (Lbs.)	Part No.	Product No.	Number of Teeth	Pitch Length (in)	Weight (Lbs.)
438-3M-09	9293-2247	146	17.24	.021	657-3M-09	9293-2274	219	25.87	.031
444-3M-09	9293-2248	148	17.48	.021	663-3M-09	9293-2275	221	26.10	.032
447-3M-09	9293-0367	149	17.60	.021	669-3M-09	9293-0376	223	26.34	.032
459-3M-09	9293-2249	153	18.07	.022	684-3M-09	9293-2276	228	26.93	.033
468-3M-09	9293-2250	156	18.43	.022	687-3M-09	9293-2277	229	27.05	.033
471-3M-09	9293-2251	157	18.54	.022	696-3M-09	9293-2278	232	27.40	.033
474-3M-09	9293-0368	158	18.66	.023	711-3M-09	9293-0377	237	27.99	.034
480-3M-09	9293-2252	160	18.90	.023	735-3M-09	9293-2279	245	28.94	.035
486-3M-09	9293-0369	162	19.13	.023	738-3M-09	9293-2280	246	29.06	.035
489-3M-09	9293-2253	163	19.25	.023	753-3M-09	9293-0378	251	29.65	.036
492-3M-09	9293-2254	164	19.37	.023	795-3M-09	9293-0379	265	31.30	.038
501-3M-09	9293-0370	167	19.72	.024	822-3M-09	9293-2281	274	32.36	.039
510-3M-09	9293-2255	170	20.08	.024	837-3M-09	9293-2282	279	32.95	.040
513-3M-09	9293-0371	171	20.20	.024	843-3M-09	9293-0380	281	33.19	.040
519-3M-09	9293-2256	173	20.43	.025	873-3M-09	9293-2283	291	34.37	.041
525-3M-09	9293-2257	175	20.67	.025	882-3M-09	9293-0381	294	34.72	.042
528-3M-09	9293-2258	176	20.79	.025	891-3M-09	9293-2284	297	35.08	.042
531-3M-09	9293-0372	177	20.91	.025	900-3M-09	9293-2285	300	35.43	.043
537-3M-09	9293-2259	179	21.14	.026	915-3M-09	9293-2286	305	36.02	.043
558-3M-09	9293-2260	186	21.97	.027	945-3M-09	9293-0382	315	37.20	.045
564-3M-09	9293-0373	188	22.20	.027	951-3M-09	9293-2287	317	37.44	.045
570-3M-09	9293-2261	190	22.44	.027	981-3M-09	9293-2288	327	38.62	.047
576-3M-09	9293-2262	192	22.68	.027	1002-3M-09	9293-0383	334	39.45	.048
585-3M-09	9293-2263	195	23.03	.028	1026-3M-09	9293-2289	342	40.39	.049
591-3M-09	9293-2264	197	23.27	.028	1035-3M-09	9293-2290	345	40.75	.049
597-3M-09	9293-0374	199	23.50	.028	1062-3M-09	9293-0384	354	41.81	.050
600-3M-09	9293-2265	200	23.62	.029	1125-3M-09	9293-0385	375	44.29	.053
606-3M-09	9293-2266	202	23.86	.029	1155-3M-09	9293-2291	385	45.47	.055
609-3M-09	9293-2267	203	23.98	.029	1191-3M-09	9293-0386	397	46.89	.057
612-3M-09	9293-2268	204	24.09	.029	1263-3M-09	9293-0387	421	49.72	.060
627-3M-09	9293-2269	209	24.69	.030	1500-3M-09	9293-2292	500	59.06	.071
633-3M-09	9293-0375	211	24.92	.030	1512-3M-09	9293-2293	504	59.53	.072
639-3M-09	9293-2270	213	25.16	.030	1587-3M-09	9293-2294	529	62.48	.075
645-3M-09	9293-2271	215	25.39	.031	1956-3M-09	9293-2295	652	77.01	.093
648-3M-09	9293-2272	216	25.51	.031	2004-3M-09	9293-2296	668	78.90	.095
654-3M-09	9293-2273	218	25.75	.031					

3mm Pitch — 15mm Wide

Part No.	Product No.	Number of Teeth	Pitch Length (in)	Weight (Lbs.)	Part No.	Product No.	Number of Teeth	Pitch Length (in)	Weight (Lbs.)
87-3M-15	9293-2400	29	3.43	.007	201-3M-15	9293-0393	67	7.91	.016
102-3M-15	9293-2401	34	4.02	.008	204-3M-15	9293-2413	68	8.03	.016
105-3M-15	9293-2402	35	4.13	.008	207-3M-15	9293-2414	69	8.15	.016
111-3M-15	9293-2403	37	4.37	.009	213-3M-15	9293-0394	71	8.39	.017
123-3M-15	9293-2404	41	4.84	.010	216-3M-15	9293-2415	72	8.50	.017
144-3M-15	9293-2405	48	5.67	.011	222-3M-15	9293-2416	74	8.74	.018
147-3M-15	9293-2406	49	5.79	.012	225-3M-15	9293-0395	75	8.86	.018
150-3M-15	9293-0388	50	5.91	.012	228-3M-15	9293-2417	76	8.98	.018
156-3M-15	9293-2407	52	6.14	.012	234-3M-15	9293-2418	78	9.21	.019
159-3M-15	9293-0389	53	6.26	.013	237-3M-15	9293-2419	79	9.33	.019
165-3M-15	9293-2408	55	6.50	.013	240-3M-15	9293-0396	80	9.45	.019
168-3M-15	9293-0390	56	6.61	.013	246-3M-15	9293-2420	82	9.69	.019
174-3M-15	9293-2409	58	6.85	.014	252-3M-15	9293-0397	84	9.92	.020
177-3M-15	9293-0391	59	6.97	.014	255-3M-15	9293-0398	85	10.04	.020
180-3M-15	9293-2410	60	7.09	.014	258-3M-15	9293-2421	86	10.16	.020
183-3M-15	9293-2411	61	7.20	.014	261-3M-15	9293-2422	87	10.28	.021
189-3M-15	9293-0392	63	7.44	.015	264-3M-15	9293-2423	88	10.39	.021
195-3M-15	9293-2412	65	7.68	.015	267-3M-15	9293-0399	89	10.51	.021