

PowerGrip® HTD® Belts

PowerGrip HTD belts have a larger, more robust tooth profile for increased capacity, as compared to timing belts.

Markets/Applications

PowerGrip HTD belts are suitable for many applications including data storage, hand power tools, postage handling, food processors, office machines, centrifuges, money handling, medical diagnostic, sewing machines, ticket dispensers, robotics, vending machines and vacuum cleaners.

Features/Advantages

- **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.
- Thirty percent increase in horsepower ratings, as compared to traditional timing belts.
- Eliminates lubrication and re-tensioning to reduce maintenance and labor required on drives.

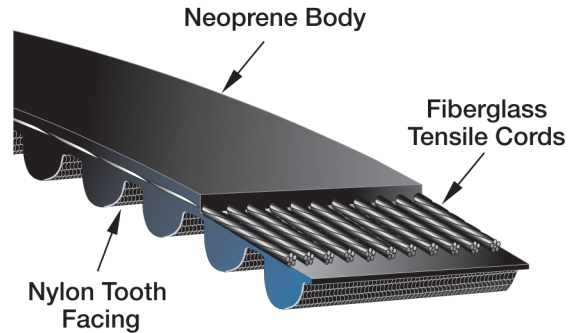
Recommended Sprockets

PowerGrip® HTD® Sprockets

Notes

PowerGrip HTD part numbers are comprised of pitch, pitch length and width. For example; part number 900-3M-15 denotes a 900mm pitch length, 3mm pitch and 15mm width.

Belt **pitch** is the distance in millimeters between two adjacent tooth centers as measured on the pitch line of the belt. Belt **pitch length** is the total length (circumference) in millimeters as measured along the pitch line. The theoretical pitch line of a PowerGrip HTD belt lies within the tensile member.



Product No. Series 9293

3mm Pitch — 6mm 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-06	9293-2000	29	3.43	.01	240-3M-06	9293-0308	80	9.45	.01
102-3M-06	9293-2001	34	4.02	.01	246-3M-06	9293-2020	82	9.69	.01
105-3M-06	9293-2002	35	4.13	.01	252-3M-06	9293-0309	84	9.92	.01
111-3M-06	9293-2003	37	4.37	.01	255-3M-06	9293-0310	85	10.04	.01
123-3M-06	9293-2004	41	4.84	.01	258-3M-06	9293-2021	86	10.16	.01
144-3M-06	9293-2005	48	5.67	.01	261-3M-06	9293-2022	87	10.28	.01
147-3M-06	9293-2006	49	5.79	.01	264-3M-06	9293-2023	88	10.39	.01
150-3M-06	9293-0300	50	5.91	.01	267-3M-06	9293-0311	89	10.51	.01
156-3M-06	9293-2007	52	6.14	.01	276-3M-06	9293-2024	92	10.87	.01
159-3M-06	9293-0301	53	6.26	.01	282-3M-06	9293-2025	94	11.10	.01
165-3M-06	9293-2008	55	6.50	.01	285-3M-06	9293-0312	95	11.22	.01
168-3M-06	9293-0302	56	6.61	.01	288-3M-06	9293-2026	96	11.34	.01
174-3M-06	9293-2009	58	6.85	.01	291-3M-06	9293-2027	97	11.46	.01
177-3M-06	9293-0303	59	6.97	.01	297-3M-06	9293-2028	99	11.69	.01
180-3M-06	9293-2010	60	7.09	.01	300-3M-06	9293-0313	100	11.81	.01
183-3M-06	9293-2011	61	7.20	.01	312-3M-06	9293-0314	104	12.28	.01
189-3M-06	9293-0304	63	7.44	.01	315-3M-06	9293-2029	105	12.40	.01
195-3M-06	9293-2012	65	7.68	.01	318-3M-06	9293-0315	106	12.52	.01
201-3M-06	9293-0305	67	7.91	.01	324-3M-06	9293-2030	108	12.76	.01
204-3M-06	9293-2013	68	8.03	.01	330-3M-06	9293-2031	110	12.99	.01
207-3M-06	9293-2014	69	8.15	.01	333-3M-06	9293-2032	111	13.11	.01
213-3M-06	9293-0306	71	8.39	.01	336-3M-06	9293-2033	112	13.23	.01
216-3M-06	9293-2015	72	8.50	.01	339-3M-06	9293-0316	113	13.35	.01
222-3M-06	9293-2016	74	8.74	.01	345-3M-06	9293-2034	115	13.58	.01
225-3M-06	9293-0307	75	8.86	.01	357-3M-06	9293-0317	119	14.06	.01
228-3M-06	9293-2017	76	8.98	.01	360-3M-06	9293-2035	120	14.17	.01
234-3M-06	9293-2018	78	9.21	.01	363-3M-06	9293-0318	121	14.29	.01
237-3M-06	9293-2019	79	9.33	.01	366-3M-06	9293-2036	122	14.41	.01

PowerGrip® HTD® Belts

Product No. Series 9293 (continued)

5mm 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.)
1135-5M-09	9293-40891	227	44.68	.09	1800-5M-09	9293-2638	360	70.87	.15
1175-5M-09	9293-40894	235	46.26	.10	1870-5M-09	9293-31187	374	73.62	.14
1195-5M-09	9293-0521	239	47.05	.09	1895-5M-09	9293-0527	379	74.61	.16
1200-5M-09	9293-90153	240	47.24	.09	1945-5M-09	9293-2639	389	76.57	.16
1225-5M-09	9293-52128	245	48.23	.09	1980-5M-09	9293-2640	396	77.95	.17
1250-5M-09	9293-2632	250	49.21	.10	2000-5M-09	9293-0528	400	78.74	.17
1270-5M-09	9293-0522	254	50.00	.10	2100-5M-09	9293-52140	420	82.68	.21
1295-5M-09	9293-2633	259	50.98	.10	2110-5M-09	9293-2641	422	83.07	.18
1350-5M-09	9293-41193	270	53.15	.32	2250-5M-09	9293-0529	450	88.58	.19
1375-5M-09	9293-2634	275	54.13	.11	2350-5M-09	9293-52148	470	92.52	.44
1420-5M-09	9293-0523	284	55.91	.12	2525-5M-09	9293-0530	505	99.40	.22
1575-5M-09	9293-2635	315	62.01	.13	2760-5M-09	9293-2642	552	108.66	.23
1595-5M-09	9293-0524	319	62.80	.14	3120-5M-09	9293-2643	624	122.83	.26
1635-5M-09	9293-2636	327	64.37	.13	3170-5M-09	9293-2644	634	124.80	.27
1690-5M-09	9293-0525	338	66.54	.14	3430-5M-09	9293-2645	686	135.04	.29
1720-5M-09	9293-2637	344	67.72	.14	3800-5M-09	9293-2646	760	149.61	.33
1790-5M-09	9293-0526	358	70.47	.15					

5mm 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.)
180-5M-15	9293-90091	36	7.09	.84	550-5M-15	9293-40591	110	21.65	.08
200-5M-15	9293-2700	40	7.87	.03	555-5M-15	9293-2713	111	21.85	.06
225-5M-15	9293-40431	45	8.86	.59	560-5M-15	9293-32056	112	22.05	.07
240-5M-15	9293-2701	48	9.45	.03	565-5M-15	9293-0539	113	22.24	.06
255-5M-15	9293-40436	51	10.04	.33	580-5M-15	9293-2714	116	22.83	.07
260-5M-15	9293-2702	52	10.24	.03	585-5M-15	9293-2715	117	23.03	.08
265-5M-15	9293-90098	53	10.43	1.53	600-5M-15	9293-0540	120	23.62	.08
270-5M-15	9293-2703	54	10.63	.03	610-5M-15	9293-90127	122	24.02	.07
280-5M-15	9293-40447	56	11.02	.95	615-5M-15	9293-2716	123	24.21	.08
285-5M-15	9293-2704	57	11.22	.03	635-5M-15	9293-0541	127	25.00	.08
295-5M-15	9293-0492	59	11.61	.56	640-5M-15	9293-90130	128	25.20	.08
300-5M-15	9293-2705	60	11.81	.03	645-5M-15	9293-40635	129	25.39	.09
305-5M-15	9293-32031	61	12.01	.04	655-5M-15	9293-2717	131	25.79	.08
310-5M-15	9293-2706	62	12.20	.04	665-5M-15	9293-2718	133	26.18	.08
320-5M-15	9293-2707	64	12.60	.04	670-5M-15	9293-0542	134	26.38	.08
325-5M-15	9293-90047	65	12.80	.02	680-5M-15	9293-2719	136	26.77	.09
330-5M-15	9293-0495	66	12.99	.04	685-5M-15	9293-2720	137	26.97	.09
340-5M-15	9293-40491	68	13.39	.05	695-5M-15	9293-2721	139	27.36	.09
345-5M-15	9293-40496	69	13.58	.05	710-5M-15	9293-0543	142	27.95	.09
350-5M-15	9293-0531	70	13.78	.04	720-5M-15	9293-53060	144	28.35	.15
360-5M-15	9293-32036	72	14.17	.04	740-5M-15	9293-0544	148	29.13	.09
365-5M-15	9293-0498	73	14.37	.05	745-5M-15	9293-2722	149	29.33	.10
370-5M-15	9293-40518	74	14.57	.05	755-5M-15	9293-90139	151	29.72	.09
375-5M-15	9293-0532	75	14.76	.05	765-5M-15	9293-2723	153	30.12	.10
385-5M-15	9293-40527	77	15.16	.06	770-5M-15	9293-40881	154	30.31	.11
400-5M-15	9293-0533	80	15.75	.05	775-5M-15	9293-90486	155	30.51	.16
415-5M-15	9293-2708	83	16.34	.05	790-5M-15	9293-2724	158	31.10	.10
420-5M-15	9293-90466	84	16.54	.05	800-5M-15	9293-0545	160	31.50	.10
425-5M-15	9293-0534	85	16.73	.06	825-5M-15	9293-40666	165	32.48	.11
450-5M-15	9293-0535	90	17.72	.06	830-5M-15	9293-2725	166	32.68	.10
460-5M-15	9293-2709	92	18.11	.06	835-5M-15	9293-2726	167	32.87	.10
475-5M-15	9293-0536	95	18.70	.06	850-5M-15	9293-0546	170	33.46	.10
480-5M-15	9293-2710	96	18.90	.06	860-5M-15	9293-40672	172	33.86	.12
495-5M-15	9293-2711	99	19.49	.06	870-5M-15	9293-2727	174	34.25	.11
500-5M-15	9293-0537	100	19.69	.06	890-5M-15	9293-0547	178	35.04	.11
520-5M-15	9293-2712	104	20.47	.06	925-5M-15	9293-2728	185	36.42	.12
535-5M-15	9293-0538	107	21.06	.06	935-5M-15	9293-90145	187	36.81	.11