

Metric Series Timing Belt Drives



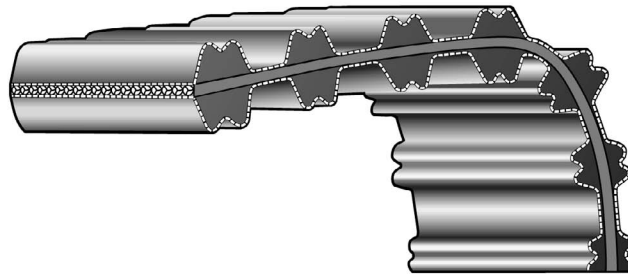
Double Sided Metric Belts

Double-sided belts have teeth equally constructed on each side of the belt, which enables them to mesh with toothed pulleys on both the inside and outside. The construction of the belts is basically the same as standard Metric belts, except that the nylon facing is also on the backing teeth, enabling full torque transmission from each side of the belt.

Double sided belts enable:-

- Reverse motion between internal and external pulleys. • Require only one belt to drive a series of pulleys.
- Simplified design layouts and weight reduction.

Standard Double sided belts are available in three sizes, 5M, 8M, and 14M, all operating on standard HTD pulleys.



5mm Pitch Double Sided Metric Belts Type 5M-DD

Belt Length mm	No. Teeth	9mm Wide Belt		15mm Wide Belt		25mm Wide Belt	
		Cat. No.	Wtgms	Cat. No.	Wtgms	Cat. No.	Wtgms
600	120	600-5M9DD	25	600-5M15DD	42	600-5M25DD	70
610	122	610-5M9DD	26	610-5M15DD	43	610-5M25DD	71
615	123	615-5M9DD	26	615-5M15DD	43	615-5M25DD	72
635	127	635-5M9DD	27	635-5M15DD	44	635-5M25DD	74
640	128	640-5M9DD	27	640-5M15DD	45	640-5M25DD	75
670	134	670-5M9DD	28	670-5M15DD	47	670-5M25DD	78
675	135	675-5M9DD	28	675-5M15DD	47	675-5M25DD	79
700	140	700-5M9DD	29	700-5M15DD	49	700-5M25DD	82
705	141	705-5M9DD	30	705-5M15DD	49	705-5M25DD	82
710	142	710-5M9DD	30	710-5M15DD	50	710-5M25DD	83
725	145	725-5M9DD	30	725-5M15DD	51	725-5M25DD	85
740	148	740-5M9DD	31	740-5M15DD	52	740-5M25DD	87
750	150	750-5M9DD	31	750-5M15DD	52	750-5M25DD	87
755	151	755-5M9DD	32	755-5M15DD	53	755-5M25DD	88
800	160	800-5M9DD	34	800-5M15DD	56	800-5M25DD	94
835	167	835-5M9DD	35	835-5M15DD	58	835-5M25DD	98
850	170	850-5M9DD	36	850-5M15DD	60	850-5M25DD	99
890	178	890-5M9DD	37	890-5M15DD	62	890-5M25DD	104
900	180	900-5M9DD	38	900-5M15DD	63	900-5M25DD	106
935	187	935-5M9DD	39	935-5M15DD	65	935-5M25DD	109
940	188	940-5M9DD	39	940-5M15DD	66	940-5M25DD	110
950	190	950-5M9DD	40	950-5M15DD	67	950-5M25DD	111
980	196	980-5M9DD	41	980-5M15DD	69	980-5M25DD	115
1000	200	1000-5M9DD	42	1000-5M15DD	70	1000-5M25DD	117
1025	205	1025-5M9DD	43	1025-5M15DD	72	1025-5M25DD	120
1050	210	1050-5M9DD	44	1050-5M15DD	74	1050-5M25DD	123
1100	220	1100-5M9DD	46	1100-5M15DD	77	1100-5M25DD	129
1125	225	1125-5M9DD	47	1125-5M15DD	79	1125-5M25DD	132
1135	227	1135-5M9DD	48	1135-5M15DD	79	1135-5M25DD	133
1195	239	1195-5M9DD	50	1195-5M15DD	84	1195-5M25DD	140
1200	240	1200-5M9DD	50	1200-5M15DD	84	1200-5M25DD	140
1240	248	1240-5M9DD	52	1240-5M15DD	87	1240-5M25DD	145
1270	254	1270-5M9DD	53	1270-5M15DD	89	1270-5M25DD	149
1420	284	1420-5M9DD	60	1420-5M15DD	99	1420-5M25DD	166
1595	319	1595-5M9DD	67	1595-5M15DD	112	1595-5M25DD	187
1690	338	1690-5M9DD	71	1690-5M15DD	118	1690-5M25DD	198
1790	358	1790-5M9DD	75	1790-5M15DD	125	1790-5M25DD	209
1800	360	1800-5M9DD	76	1800-5M15DD	126	1800-5M25DD	211
1870	374	1870-5M9DD	79	1870-5M15DD	131	1870-5M25DD	219
1895	379	1895-5M9DD	80	1895-5M15DD	133	1895-5M25DD	222
1945	389	1945-5M9DD	82	1945-5M15DD	136	1945-5M25DD	228
2000	400	2000-5M9DD	84	2000-5M15DD	140	2000-5M25DD	234
2250	450	2250-5M9DD	95	2250-5M15DD	158	2250-5M25DD	263
2525	505	2525-5M9DD	106	2525-5M15DD	177	2525-5M25DD	295

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8mm Pitch Double Sided Metric Belts Type 8M-DD

Belt Length mm	No. Teeth	20mm Wide Belt		30mm Wide Belt		50mm Wide Belt		85mm Wide Belt	
		Cat. No.	Wt kg	Cat. No.	Wt kg	Cat. No.	Wt kg	Cat. No.	Wt kg
600	75	600-8M20DD	0.068	600-8M30DD	0.102	600-8M50DD	0.170	600-8M85DD	0.288
608	76	608-8M20DD	0.069	608-8M30DD	0.103	608-8M50DD	0.172	608-8M85DD	0.292
632	79	632-8M20DD	0.071	632-8M30DD	0.107	632-8M50DD	0.179	632-8M85DD	0.304
640	80	640-8M20DD	0.072	640-8M30DD	0.108	640-8M50DD	0.181	640-8M85DD	0.307
680	85	680-8M20DD	0.077	680-8M30DD	0.115	680-8M50DD	0.192	680-8M85DD	0.327
720	90	720-8M20DD	0.081	720-8M30DD	0.122	720-8M50DD	0.203	720-8M85DD	0.346
800	100	800-8M20DD	0.090	800-8M30DD	0.136	800-8M50DD	0.226	800-8M85DD	0.384
840	105	840-8M20DD	0.095	840-8M30DD	0.142	840-8M50DD	0.237	840-8M85DD	0.403
880	110	880-8M20DD	0.099	880-8M30DD	0.149	880-8M50DD	0.249	880-8M85DD	0.423
896	112	896-8M20DD	0.101	896-8M30DD	0.152	896-8M50DD	0.253	896-8M85DD	0.430
920	115	920-8M20DD	0.104	920-8M30DD	0.156	920-8M50DD	0.260	920-8M85DD	0.442
960	120	960-8M20DD	0.108	960-8M30DD	0.163	960-8M50DD	0.271	960-8M85DD	0.460
1000	125	1000-8M20DD	0.113	1000-8M30DD	0.170	1000-8M50DD	0.283	1000-8M85DD	0.480
1040	130	1040-8M20DD	0.118	1040-8M30DD	0.176	1040-8M50DD	0.294	1040-8M85DD	0.499
1080	135	1080-8M20DD	0.122	1080-8M30DD	0.183	1080-8M50DD	0.305	1080-8M85DD	0.519
1120	140	1120-8M20DD	0.127	1120-8M30DD	0.190	1120-8M50DD	0.316	1120-8M85DD	0.538
1200	150	1200-8M20DD	0.136	1200-8M30DD	0.203	1200-8M50DD	0.339	1200-8M85DD	0.576
1224	153	1224-8M20DD	0.138	1224-8M30DD	0.207	1224-8M50DD	0.346	1224-8M85DD	0.588
1280	160	1280-8M20DD	0.145	1280-8M30DD	0.217	1280-8M50DD	0.362	1280-8M85DD	0.615
1352	169	1352-8M20DD	0.153	1352-8M30DD	0.229	1352-8M50DD	0.382	1352-8M85DD	0.649
1440	180	1440-8M20DD	0.163	1440-8M30DD	0.244	1440-8M50DD	0.407	1440-8M85DD	0.692
1464	183	1464-8M20DD	0.165	1464-8M30DD	0.248	1464-8M50DD	0.414	1464-8M85DD	0.703
1600	200	1600-8M20DD	0.181	1600-8M30DD	0.271	1600-8M50DD	0.452	1600-8M85DD	0.768
1760	220	1760-8M20DD	0.199	1760-8M30DD	0.298	1760-8M50DD	0.497	1760-8M85DD	0.845
1800	225	1800-8M20DD	0.203	1800-8M30DD	0.305	1800-8M50DD	0.509	1800-8M85DD	0.864
2000	250	2000-8M20DD	0.226	2000-8M30DD	0.339	2000-8M50DD	0.565	2000-8M85DD	0.961
2200	275	2200-8M20DD	0.249	2200-8M30DD	0.373	2200-8M50DD	0.622	2200-8M85DD	1.057
2400	300	2400-8M20DD	0.271	2400-8M30DD	0.407	2400-8M50DD	0.678	2400-8M85DD	1.153
2520	315	2520-8M20DD	0.285	2520-8M30DD	0.427	2520-8M50DD	0.712	2520-8M85DD	1.210
2600	325	2600-8M20DD	0.294	2600-8M30DD	0.441	2600-8M50DD	0.735	2600-8M85DD	1.249
2800	350	2800-8M20DD	0.316	2800-8M30DD	0.475	2800-8M50DD	0.791	2800-8M85DD	1.345
3048	381	3048-8M20DD	0.344	3048-8M30DD	0.517	3048-8M50DD	0.861	3048-8M85DD	1.464
3280	410	3280-8M20DD	0.371	3280-8M30DD	0.556	3280-8M50DD	0.927	3280-8M85DD	1.575
3600	450	3600-8M20DD	0.407	3600-8M30DD	0.610	3600-8M50DD	1.017	3600-8M85DD	1.729
4400	550	4400-8M20DD	0.497	4400-8M30DD	0.746	4400-8M50DD	1.243	4400-8M85DD	2.113

14mm Pitch Double-sided Metric Belts Type 14M-DD

Belt Length mm	No. Teeth	40mm Wide Belt		55mm Wide Belt		85mm Wide Belt		115mm Wide Belt		170mm Wide Belt	
		Cat. No.	Wt kg	Cat. No.	Wt kg	Cat. No.	Wt kg	Cat. No.	Wt kg	Cat. No.	Wt kg
966	69	966-14M40DD	0.38	966-14M55DD	0.52	966-14M85DD	0.81	966-14M115DD	1.09	966-14M170DD	1.62
994	71	994-14M40DD	0.39	994-14M55DD	0.54	994-14M85DD	0.83	994-14M115DD	1.13	994-14M170DD	1.66
1092	78	1092-14M40DD	0.43	1092-14M55DD	0.59	1092-14M85DD	0.91	1092-14M115DD	1.24	1092-14M170DD	1.83
1106	79	1106-14M40DD	0.44	1106-14M55DD	0.60	1106-14M85DD	0.93	1106-14M115DD	1.25	1106-14M170DD	1.85
1190	85	1190-14M40DD	0.47	1190-14M55DD	0.64	1190-14M85DD	1.00	1190-14M115DD	1.35	1190-14M170DD	1.99
1260	90	1260-14M40DD	0.50	1260-14M55DD	0.68	1260-14M85DD	1.05	1260-14M115DD	1.43	1260-14M170DD	2.11
1288	92	1288-14M40DD	0.51	1288-14M55DD	0.70	1288-14M85DD	1.08	1288-14M115DD	1.46	1288-14M170DD	2.16
1344	96	1344-14M40DD	0.53	1344-14M55DD	0.73	1344-14M85DD	1.13	1344-14M115DD	1.52	1344-14M170DD	2.25
1400	100	1400-14M40DD	0.55	1400-14M55DD	0.76	1400-14M85DD	1.17	1400-14M115DD	1.59	1400-14M170DD	2.34
1442	103	1442-14M40DD	0.57	1442-14M55DD	0.78	1442-14M85DD	1.21	1442-14M115DD	1.63	1442-14M170DD	2.41
1568	112	1568-14M40DD	0.62	1568-14M55DD	0.85	1568-14M85DD	1.31	1568-14M115DD	1.78	1568-14M170DD	2.63
1610	115	1610-14M40DD	0.63	1610-14M55DD	0.87	1610-14M85DD	1.35	1610-14M115DD	1.82	1610-14M170DD	2.70
1750	125	1750-14M40DD	0.69	1750-14M55DD	0.95	1750-14M85DD	1.47	1750-14M115DD	1.98	1750-14M170DD	2.93
1764	126	1764-14M40DD	0.70	1764-14M55DD	0.96	1764-14M85DD	1.48	1764-14M115DD	2.00	1764-14M170DD	2.95
1778	127	1778-14M40DD	0.70	1778-14M55DD	0.96	1778-14M85DD	1.49	1778-14M115DD	2.01	1778-14M170DD	2.98
1848	132	1848-14M40DD	0.73	1848-14M55DD	1.00	1848-14M85DD	1.55	1848-14M115DD	2.09	1848-14M170DD	3.09
1890	135	1890-14M40DD	0.74	1890-14M55DD	1.02	1890-14M85DD	1.58	1890-14M115DD	2.14	1890-14M170DD	3.16
1904	136	1904-14M40DD	0.75	1904-14M55DD	1.03	1904-14M85DD	1.59	1904-14M115DD	2.16	1904-14M170DD	3.19
1960	140	1960-14M40DD	0.77	1960-14M55DD	1.06	1960-14M85DD	1.64	1960-14M115DD	2.22	1960-14M170DD	3.28
2100	150	2100-14M40DD	0.83	2100-14M55DD	1.14	2100-14M85DD	1.76	2100-14M115DD	2.38	2100-14M170DD	3.52
2240	160	2240-14M40DD	0.88	2240-14M55DD	1.21	2240-14M85DD	1.88	2240-14M115DD	2.54	2240-14M170DD	3.75
2310	165	2310-14M40DD	0.91	2310-14M55DD	1.25	2310-14M85DD	1.93	2310-14M115DD	2.62	2310-14M170DD	3.87
2380	170	2380-14M40DD	0.94	2380-14M55DD	1.29	2380-14M85DD	1.99	2380-14M115DD	2.70	2380-14M170DD	3.99
2450	175	2450-14M40DD	0.97	2450-14M55DD	1.33	2450-14M85DD	2.05	2450-14M115DD	2.78	2450-14M170DD	4.10
2590	185	2590-14M40DD	1.02	2590-14M55DD	1.40	2590-14M85DD	2.17	2590-14M115DD	2.93	2590-14M170DD	4.34
2660	190	2660-14M40DD	1.05	2660-14M55DD	1.44	2660-14M85DD	2.23	2660-14M115DD	3.01	2660-14M170DD	4.45
2800	200	2800-14M40DD	1.10	2800-14M55DD	1.52	2800-14M85DD	2.34	2800-14M115DD	3.17	2800-14M170DD	4.69
2968	212	2968-14M40DD	1.17	2968-14M55DD	1.61	2968-14M85DD	2.48	2968-14M115DD	3.36	2968-14M170DD	4.97
3150	225	3150-14M40DD	1.24	3150-14M55DD	1.71	3150-14M85DD	2.64	3150-14M115DD	3.57	3150-14M170DD	5.27
3360	240	3360-14M40DD	1.32	3360-14M55DD	1.82	3360-14M85DD	2.81	3360-14M115DD	3.81	3360-14M170DD	5.63
3500	250	3500-14M40DD	1.38	3500-14M55DD	1.90	3500-14M85DD	2.93	3500-14M115DD	3.96	3500-14M170DD	5.86
3850	275	3850-14M40DD	1.52	3850-14M55DD	2.09	3850-14M85DD	3.22	3850-14M115DD	4.36	3850-14M170DD	6.45
3920	280	3920-14M40DD	1.54	3920-14M55DD	2.12	3920-14M85DD	3.28	3920-14M115DD	4.44	3920-14M170DD	6.56
4326	309	4326-14M40DD	1.70	4326-14M55DD	2.34	4326-14M85DD	3.62	4326-14M115DD	4.90	4326-14M170DD	7.24
4578	327	4578-14M40DD	1.80	4578-14M55DD	2.48	4578-14M85DD	3.83	4578-14M115DD	5.19	4578-14M170DD	7.67
4956	354	4956-14M40DD	1.95	4956-14M55DD	2.68	4956-14M85DD	4.15	4956-14M115DD	5.61	4956-14M170DD	8.30