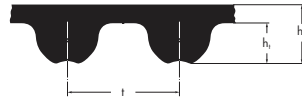


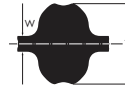


# optibelt OMEGA

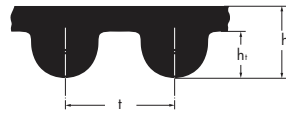
**TIMING BELT MADE OF CHLOROPRENE**  
maintenance-free, with glass-fibre tension cord



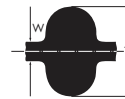
**Profiles:**  
**3M, 5M, 8M, 14M**



**Profile:**  
**D8M**



**Profiles:**  
**3M, 5M, 8M, 14M**



**Profiles:**  
**D5M, D8M, D14M**



	3M	5M	8M	14M	D8M
Nominal length	Pitch length $L_w$	Pitch length $L_w$	Pitch length $L_w$	Pitch length $L_w$	Pitch length $L_w$
Nominal lengths unit	mm	mm	mm	mm	mm
Height of belt $h_2$ [mm]	2.30	3.40	5.40	9.50	7.73
Tooth height $h_1$ [mm]	1.10	1.90	3.20	5.60	-
Tooth pitch $t$ [mm]	3.00	5.00	8.00	14.00	8.00

- Non stock items
- \* Profiles on request
- (HTD) Only available in dimension HTD.
- Further dimensions are available on request; minimum order quantity on request
- Section 20M available on request. Length range  $L_w$  2000 mm - 6000 mm

Sleeve width tolerances +/- 20 mm

Width 300 mm: +/- 10 mm  
Width 500 mm: +/- 10 mm

Surcharges for alternative constructs:

Not all dimensions are available for all of the alternative versions.  
The feasibility, minimum order quantity and delivery period must be assessed in each case.

OMEGA SPECIAL (upgrade)

For details of the upgraded/cast special belts please see our compact catalogue „Material Handling“. Prices on request.

Extra cold- and heat resistant (EPDM) - 40 °C to + 140 °C	5M on request
Special abrasion class G1	+ 25 %
Aramidcord	+ 60 %
Red Rubber 40, 40 Shore A	on request
White mixture, 55 Shore A and 75 Shore A	on request
Silicone red, 50 Shore A	on request
Restrictions to standard tolerances for width or length	on request
Ribbed belt profile PK on belt back	on request
Strengthened belt back	on request
Special coil (flexible)	on request

Ordering example: 111 3M 6

111= Belt length in mm 3M= Profile 6= Belt width in mm

Please make sure to mention the product name in your order.

Description	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
<b>3M</b>			
3M 111	111.00	37	470
3M 117 •(HTD)	117.00	39	470
3M 120 •(HTD)	120.00	40	710
3M 123 •(HTD)	123.00	41	450
3M 126 •(HTD)	126.00	42	450
3M 129	129.00	43	470
3M 141	141.00	47	470
3M 144	144.00	48	470
3M 150	150.00	50	470
3M 156 •(HTD)	156.00	52	470
3M 159	159.00	53	470
3M 165	165.00	55	470
3M 168	168.00	56	470
3M 171	171.00	57	470
3M 174	174.00	58	470
3M 177	177.00	59	470
3M 180	180.00	60	470
3M 183	183.00	61	470
3M 186	186.00	62	470
3M 192	192.00	64	470
3M 195	195.00	65	470
3M 201	201.00	67	470
3M 204	204.00	68	470
3M 207	207.00	69	470
3M 210	210.00	70	470
3M 213	213.00	71	470
3M 216 (HTD)	216.00	72	470
3M 219 •	219.00	73	470
3M 225	225.00	75	470
3M 237 •	237.00	79	470
3M 240	240.00	80	470
3M 243 •(HTD)	243.00	81	710
3M 246	246.00	82	470
3M 249 •	249.00	83	470
3M 252	252.00	84	470
3M 255	255.00	85	470
3M 267	267.00	89	470
3M 276	276.00	92	470
3M 282	282.00	94	470
3M 285	285.00	95	470
3M 288	288.00	96	470
3M 291	291.00	97	470
3M 294	294.00	98	470
3M 300	300.00	100	470
3M 306 •(HTD)	306.00	102	470
3M 312	312.00	104	470
3M 315	315.00	105	470
3M 318	318.00	106	470
3M 330	330.00	110	470
3M 333	333.00	111	470
3M 336	336.00	112	470

Description	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
3M 339	339.00	113	470
3M 345	345.00	115	470
3M 357	357.00	119	470
3M 363	363.00	121	470
3M 366	366.00	122	470
3M 369 •	369.00	123	470
3M 375	375.00	125	470
3M 384	384.00	128	470
3M 390	390.00	130	470
3M 402 •	402.00	134	470
3M 411	411.00	137	470
3M 420	420.00	140	470
3M 426	426.00	142	470
3M 435	435.00	145	470
3M 447	447.00	149	470
3M 462	462.00	154	470
3M 474	474.00	158	470
3M 477 •(HTD)	477.00	159	450
3M 480	480.00	160	470
3M 486	486.00	162	470
3M 489 •(HTD)	489.00	163	470
3M 495	495.00	165	470
3M 501	501.00	167	470
3M 513	513.00	171	470
3M 519	519.00	173	470
3M 522	522.00	174	470
3M 525	525.00	175	470
3M 531	531.00	177	470
3M 537	537.00	179	470
3M 558	558.00	186	470
3M 564	564.00	188	470
3M 570	570.00	190	470
3M 579 •	579.00	193	470
3M 582	582.00	194	470
3M 591 •(HTD)	591.00	197	710
3M 594 •(HTD)	594.00	198	710
3M 597	597.00	199	470
3M 600	600.00	200	470
3M 606	606.00	202	470
3M 612 •(HTD)	612.00	204	470
3M 615	615.00	205	470
3M 633	633.00	211	500
3M 648 •(HTD)	648.00	216	470
3M 669	669.00	223	470
3M 672 •(HTD)	672.00	224	470
3M 675	675.00	225	470
3M 708 •(HTD)	708.00	236	470
3M 711	711.00	237	470
3M 738	738.00	246	470
3M 753 (HTD)	753.00	251	470
3M 804	804.00	268	470
3M 816	816.00	272	470

Description	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
3M 843	843.00	281	470
3M 882	882.00	294	470
3M 888	888.00	296	470
3M 945 (HTD)	945.00	315	470
3M 960 •(HTD)	960.00	320	470
3M 1041 •(HTD)	1041.00	347	470
3M 1062	1062.00	354	500
3M 1068 •(HTD)	1068.00	356	470
3M 1071 (HTD)	1071.00	357	470
3M 1125 •(HTD)	1125.00	375	470
3M 1176 •(HTD)	1176.00	392	470
3M 1245 •(HTD)	1245.00	415	470
3M 1263 (HTD)	1263.00	421	470
3M 1500 •(HTD)	1500.00	500	470
3M 1530 •(HTD)	1530.00	510	470
3M 1569	1569.00	523	500
3M 1587 •	1587.00	529	500
3M 1692 •	1692.00	564	500
3M 1863 (HTD)	1863.00	621	470

Description	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
<b>5M</b>			
5M 120 (HTD)	120.00	24	330
5M 180	180.00	36	470
5M 225	225.00	45	470
5M 255	255.00	51	470
5M 265	265.00	53	470
5M 270	270.00	54	470
5M 275	275.00	55	470
5M 280	280.00	56	470
5M 295	295.00	59	470
5M 300	300.00	60	470
5M 305	305.00	61	470
5M 325	325.00	65	470
5M 330	330.00	66	470
5M 340	340.00	68	470
5M 345 (HTD)	345.00	69	380
5M 350	350.00	70	470
5M 360	360.00	72	470
5M 365	365.00	73	470
5M 370	370.00	74	470
5M 375	375.00	75	470
5M 385	385.00	77	470
5M 400	400.00	80	470
5M 410	410.00	82	470
5M 415	415.00	83	470
5M 420	420.00	84	470
5M 425	425.00	85	470
5M 450	450.00	90	470
5M 460	460.00	92	470
5M 475	475.00	95	470

Description	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
8M 640	640.00	80	500
8M 656	656.00	82	500
8M 672 •	672.00	84	500
8M 680	680.00	85	500
8M 712	712.00	89	500
8M 720	720.00	90	500
8M 744 •	744.00	93	500
8M 760	760.00	95	500
8M 776	776.00	97	500
8M 784	784.00	98	500
8M 792 •	792.00	99	500
8M 800	800.00	100	500
8M 824	824.00	103	500
8M 840	840.00	105	500
8M 848	848.00	106	500
8M 856	856.00	107	500
8M 880	880.00	110	500
8M 896	896.00	112	500
8M 912	912.00	114	500
8M 920	920.00	115	500
8M 936	936.00	117	500
8M 960	960.00	120	500
8M 968	968.00	121	500
8M 976	976.00	122	500
8M 1000	1000.00	125	500
8M 1040	1040.00	130	500
8M 1056	1056.00	132	500
8M 1064	1064.00	133	500
8M 1080	1080.00	135	500
8M 1096	1096.00	137	500
8M 1120	1120.00	140	500
8M 1128	1128.00	141	500
8M 1152 •	1152.00	144	500
8M 1160	1160.00	145	500
8M 1168	1168.00	146	500
8M 1184	1184.00	148	500
8M 1192 •	1192.00	149	500
8M 1200	1200.00	150	500
8M 1216	1216.00	152	500
8M 1224	1224.00	153	500
8M 1248	1248.00	156	500
8M 1256	1256.00	157	500
8M 1264	1264.00	158	500
8M 1280	1280.00	160	500
8M 1296 •	1296.00	162	500
8M 1304	1304.00	163	500
8M 1320	1320.00	165	500
8M 1328	1328.00	166	500
8M 1344	1344.00	168	500
8M 1360	1360.00	170	500
8M 1392	1392.00	174	500
8M 1400	1400.00	175	500

Description	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
8M 1424	1424.00	178	500
8M 1432 (HTD)	1432.00	179	450
8M 1440	1440.00	180	500
8M 1480	1480.00	185	500
8M 1520	1520.00	190	500
8M 1552	1552.00	194	500
8M 1584	1584.00	198	500
8M 1600	1600.00	200	500
8M 1680	1680.00	210	500
8M 1696	1696.00	212	500
8M 1728	1728.00	216	500
8M 1760	1760.00	220	500
8M 1800	1800.00	225	500
8M 1896	1896.00	237	500
8M 1904	1904.00	238	500
8M 1936	1936.00	242	500
8M 2000	2000.00	250	500
8M 2080	2080.00	260	500
8M 2104	2104.00	263	500
8M 2240	2240.00	280	500
8M 2248	2248.00	281	500
8M 2272	2272.00	284	500
8M 2400	2400.00	300	500
8M 2504	2504.00	313	500
8M 2600	2600.00	325	500
8M 2800	2800.00	350	500
8M 3048 *	3048.00	381	500
8M 3280	3280.00	410	500
8M 3600 *	3600.00	450	500
8M 4400 •*(HTD)	4400.00	550	470

Description	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
<b>14M</b>			
14M 966	966.00	69	500
14M 1092	1092.00	78	500
14M 1190	1190.00	85	500
14M 1344	1344.00	96	500
14M 1400	1400.00	100	500
14M 1456	1456.00	104	500
14M 1512	1512.00	108	500
14M 1540 •	1540.00	110	500
14M 1610	1610.00	115	500
14M 1680	1680.00	120	500
14M 1778	1778.00	127	500
14M 1890	1890.00	135	500
14M 2100	2100.00	150	500
14M 2310	2310.00	165	500
14M 2450	2450.00	175	500
14M 2590	2590.00	185	500
14M 2800	2800.00	200	500
14M 3150	3150.00	225	500

Description	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
14M 3360	3360.00	240	500
14M 3500	3500.00	250	500
14M 3850	3850.00	275	500
14M 4004 •*	4004.00	286	330
14M 4326	4326.00	309	500
14M 4578	4578.00	327	500

Description	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
<b>D5M</b>			
D5M 565 •(HTD)	565.00	113	430
D5M 600 (HTD)	600.00	120	430
D5M 615 (HTD)	615.00	123	430
D5M 630 •(HTD)	630.00	126	430
D5M 635 •(HTD)	635.00	127	430
D5M 665 •(HTD)	665.00	133	430
D5M 700 (HTD)	700.00	140	430
D5M 710 •(HTD)	710.00	142	430
D5M 740 •(HTD)	740.00	148	430
D5M 755 (HTD)	755.00	151	430
D5M 800 (HTD)	800.00	160	430
D5M 835 (HTD)	835.00	167	430
D5M 890 (HTD)	890.00	178	430
D5M 900 •(HTD)	900.00	180	430
D5M 1000 •(HTD)	1000.00	200	430
D5M 1050 •(HTD)	1050.00	210	430
D5M 1125 •(HTD)	1125.00	225	430
D5M 1200 •(HTD)	1200.00	240	430

Description	L <sub>w</sub> (mm)	Number of teeth	Sleeve width (mm)
<b>D8M</b>			
D8M 600 (HTD)	600.00	75	430
D8M 640 (HTD)	640.00	80	430
D8M 656 •(HTD)	656.00	82	430
D8M 720 (HTD)	720.00	90	430
D8M 776 •(HTD)	776.00	97	430
D8M 784 (HTD)	784.00	98	430
D8M 800 (HTD)	800.00	100	430
D8M 880 (HTD)	880.00	110	430
D8M 920 (HTD)	920.00	115	430
D8M 960 (HTD)	960.00	120	430
D8M 1040 (HTD)	1040.00	130	430
D8M 1120	1120.00	140	300
D8M 1128 •	1128.00	141	300
D8M 1160 •	1160.00	145	300
D8M 1168 •	1168.00	146	300
D8M 1184 •	1184.00	148	300
D8M 1200	1200.00	150	300
D8M 1224 •	1224.00	153	300
D8M 1248	1248.00	156	300
D8M 1256 •	1256.00	157	300

