

## Standard Timing Belt, Inch Pitch

Material: Neoprene with glass-fibre tensile member.  
Teeth surface fabric-coated.

Timing belt with inch dimensions, classical shape with trapezoid teeth. Temperature range -20° to +100°C.

Ordering Details: e.g.: Product No. 181 602 00, Standard Timing Belt,  
Pitch MXL 012, Length 91.44 mm

Inch



**Pitch MXL = 0.08" (2.032 mm, Mini-Pitch),  
Widths 012 (3.2 mm); 025 (1/4" = 6.35 mm)**

Product No. Width 012	Product No. Width 025	Type	Nom. length Zoll	Nom. length mm	Number of teeth
181 602 00	181 802 00	36 MXL	3,6	91,44	45
181 604 00	181 804 00	40 MXL	4,0	101,60	50
181 607 00	181 807 00	44 MXL	4,4	111,76	55
181 610 00	181 810 00	48 MXL	4,8	121,92	60
181 615 00	181 815 00	52 MXL	5,2	132,08	65
181 620 00	181 820 00	56 MXL	5,6	142,24	70
181 625 00	181 825 00	60 MXL	6,0	152,40	75
181 630 00	181 830 00	64 MXL	6,4	162,56	80
181 632 00	181 832 00	68 MXL	6,8	172,72	85
181 635 00	181 835 00	72 MXL	7,2	182,88	90
181 640 00	181 840 00	80 MXL	8,0	203,20	100
181 645 00	181 845 00	88 MXL	8,8	223,52	110
181 650 00	181 850 00	100 MXL	10,0	254,00	125
181 655 00	181 855 00	112 MXL	11,2	284,48	140
181 660 00	181 860 00	124 MXL	12,4	314,96	155
181 665 00	181 865 00	140 MXL	14,0	355,60	175
181 670 00	181 870 00	160 MXL	16,0	406,40	200
181 675 00	181 875 00	180 MXL	18,0	457,20	225
181 680 00	181 880 00	200 MXL	20,0	508,00	250
181 685 00	181 885 00	224 MXL	22,4	568,96	280
181 690 00	181 890 00	240 MXL	24,0	609,60	300
181 695 00	181 895 00	256 MXL	25,6	650,24	320

Belts MXL sold by the meter on request.  
Other widths available on request.

**Pitch XL = 1/5" (5.08 mm),  
Widths 025 (1/4" = 6.35 mm); 037 (3/8" = 9.53 mm)**

Product No. Width 025	Product No. Width 037	Type	Nom. length Zoll	Nom. length mm	Number of teeth
180 612 00	180 812 00	60 XL	6	152,4	30
180 614 00	180 814 00	70 XL	7	177,8	35
180 616 00	180 816 00	80 XL	8	203,2	40
180 618 00	180 818 00	90 XL	9	228,6	45
180 620 00	180 820 00	100 XL	10	254,0	50
180 622 00	180 822 00	110 XL	11	279,4	55
180 624 00	180 824 00	120 XL	12	304,8	60
180 626 00	180 826 00	130 XL	13	330,2	65
180 628 00	180 828 00	140 XL	14	355,6	70
180 630 00	180 830 00	150 XL	15	381,0	75
180 632 00	180 832 00	160 XL	16	406,4	80
180 634 00	180 834 00	170 XL	17	431,8	85
180 636 00	180 836 00	180 XL	18	457,2	90
180 638 00	180 838 00	190 XL	19	482,6	95
180 640 00	180 840 00	200 XL	20	508,0	100
180 642 00	180 842 00	210 XL	21	533,4	105
180 644 00	180 844 00	220 XL	22	558,8	110
180 646 00	180 846 00	230 XL	23	584,2	115
180 648 00	180 848 00	240 XL	24	609,6	120
180 650 00	180 850 00	250 XL	25	635,0	125
180 652 00	180 852 00	260 XL	26	660,4	130
-	180 800 00	XL	Open length		

Belts XL 025 sold by the meter on request.  
Other widths available on request.

**Pitch L = 3/8" (9.525 mm)  
Widths 050 (1/2" = 12.7 mm); 075 (3/4" = 19.1 mm); 100 (1" = 25.4 mm)**

Product No. Width 050	Product No. Width 075	Product No. Width 100	Type	Nom. Length Inch	mm	Number of teeth
182 612 00	182 712 00	182 812 00	124 L	12,375	314,33	33
182 615 00	182 715 00	182 815 00	150 L	15	381	40
182 619 00	182 719 00	182 819 00	187 L	18,75	476,25	50
182 621 00	182 721 00	182 821 00	210 L	21	533,4	56
182 622 00	182 722 00	182 822 00	225 L	22,5	571,5	60
182 624 00	182 724 00	182 824 00	240 L	24	609,6	64
182 626 00	182 726 00	182 826 00	255 L	25,5	647,7	68
182 627 00	182 727 00	182 827 00	270 L	27	685,8	72
182 629 00	182 729 00	182 829 00	285 L	28,5	723,9	76
182 630 00	182 730 00	182 830 00	300 L	30	762	80
182 632 00	182 732 00	182 832 00	322 L	32,25	819,15	86
182 635 00	182 735 00	182 835 00	345 L	34,5	876,3	92
182 637 00	182 737 00	182 837 00	367 L	36,75	933,45	98
182 639 00	182 739 00	182 839 00	390 L	39	990,6	104
182 642 00	182 742 00	182 842 00	420 L	42	1066,8	112
182 645 00	182 745 00	182 845 00	450 L	45	1143	120
182 648 00	182 748 00	182 848 00	480 L	48	1219,2	128
182 651 00	182 751 00	182 851 00	510 L	51	1295,4	136
182 654 00	182 754 00	182 854 00	540 L	54	1371,6	144
182 660 00	182 760 00	182 860 00	600 L	60	1524	160
182 600 00	182 700 00	182 800 00	L	Open length		

Belts sold by the meter see page 172.  
Performance figures at [www.maedler.de](http://www.maedler.de)  
Permissible tensile forces for the belts see page 130.