

Timing Pulley

Timing belt power transmission systems work the best when high-precision belts and precisely processed pulleys smoothly mesh with each other.

- Cutting with hob cutter enables good power transmission.
- Please feel free to order pulleys with custom material, shape, or additional processing.
※ Please use the designated pulley.
- Flange is not sold separately as a single item.

Standard Pulley Types & Sizes

Belt Type		MXL-Rod shape			
Number of Teeth	Length (mm)	Material	OD (mm)	PD (mm)	Product Code
10	100	High-Strength Aluminum Alloy	5.96	6.47	P10 MXL 100
12			7.25	7.76	P12 MXL 100
13			7.90	8.41	P13 MXL 100
14			8.55	9.06	P14 MXL 100
15			9.19	9.70	P15 MXL 100
16			9.84	10.35	P16 MXL 100
17			10.49	11.00	P17 MXL 100
18			11.13	11.64	P18 MXL 100
19			11.78	12.29	P19 MXL 100
20			12.43	12.94	P20 MXL 100
21			13.07	13.58	P21 MXL 100
22			13.72	14.23	P22 MXL 100
23			14.37	14.88	P23 MXL 100
24			15.02	15.52	P24 MXL 100
25			15.66	16.17	P25 MXL 100
26			16.31	16.82	P26 MXL 100
27			16.96	17.46	P27 MXL 100
28			17.60	18.11	P28 MXL 100
30			18.90	19.40	P30 MXL 100
32			20.19	20.70	P32 MXL 100
34			21.48	21.99	P34 MXL 100
36			22.78	23.29	P36 MXL 100
38			24.07	24.58	P38 MXL 100
40			25.36	25.87	P40 MXL 100
42			26.66	27.17	P42 MXL 100
44			27.95	28.46	P44 MXL 100
48			30.54	31.05	P48 MXL 100
50			31.83	32.34	P50 MXL 100
52			33.13	33.63	P52 MXL 100
54			34.42	34.93	P54 MXL 100
56			35.71	36.22	P56 MXL 100
60			38.30	38.81	P60 MXL 100
64			40.89	41.40	P64 MXL 100
70			44.77	45.28	P70 MXL 100
72			46.06	46.57	P72 MXL 100
80			51.24	51.74	P80 MXL 100
84			53.82	54.33	P84 MXL 100
96			61.59	62.09	P96 MXL 100
100			64.17	64.68	P100 MXL 100
120			77.11	77.62	P120 MXL 100

Belt Type		MXL for Belt Width — 6.4mm			
Number of Teeth	Pulley Type	Material	OD (mm)	PD (mm)	Product Code
20	B	High-Strength Aluminum Alloy	12.43	12.94	P20 MXL 6.4
21	B		13.07	13.58	P21 MXL 6.4
22	B		13.72	14.23	P22 MXL 6.4
23	B		14.37	14.88	P23 MXL 6.4
24	B		15.02	15.52	P24 MXL 6.4
25	B		15.66	16.17	P25 MXL 6.4
26	B		16.31	16.82	P26 MXL 6.4
27	B		16.96	17.46	P27 MXL 6.4
28	B		17.60	18.11	P28 MXL 6.4
30	B		18.90	19.40	P30 MXL 6.4
32	B		20.19	20.70	P32 MXL 6.4
36	B		22.78	23.29	P36 MXL 6.4
40	B	High-Strength Aluminum Alloy	25.36	25.87	P40 MXL 6.4
48	B		30.54	31.05	P48 MXL 6.4
60	B		38.30	38.81	P60 MXL 6.4
72	B		46.06	46.57	P72 MXL 6.4
84	B		53.82	54.33	P84 MXL 6.4
96	B		61.59	62.09	P96 MXL 6.4
120	B		77.11	77.62	P120 MXL 6.4

Belt Type		XL			
Number of Teeth	Pulley Type	Material	OD (mm)	PD (mm)	Product Code
10	C	Sintered Material	15.66	16.17	P10 XL 037
11	C		17.28	17.79	P11 XL 037
12	C		18.90	19.40	P12 XL 037
14	C		22.13	22.64	P14 XL 037
15	C		23.75	24.46	P15 XL 037
16	B		25.36	25.87	P16 XL 037
18	B		28.60	29.11	P18 XL 037
19	B		30.22	30.72	P19 XL 037
20	B		31.83	32.34	P20 XL 037
21	B		33.45	33.96	P21 XL 037
22	B		35.07	35.57	P22 XL 037
24	B	Steel	38.30	38.81	P24 XL 037
25	B		39.92	40.43	P25 XL 037
26	B		41.53	42.04	P26 XL 037
28	B		44.77	45.28	P28 XL 037

Belt Type		L				
Number of Teeth	Pulley Type	Material	OD (mm)	PD (mm)	Product Code	
10	A·B	Steel	29.56	30.32	P10 L 050	P12 L 075
12	A·B		35.62	36.38	P12 L 050	P14 L 075
14	A·B		41.68	42.45	P14 L 050	P15 L 100
15	A·B		44.72	45.48	P15 L 050	P16 L 100
16	A·B		47.75	48.51	P16 L 050	P17 L 100
17	A·B		50.78	51.54	P17 L 050	P18 L 100
18	A·B		53.81	54.57	P18 L 050	P19 L 100
19	A·B		56.84	57.61	P19 L 050	P20 L 100
20	A·B		59.88	60.64	P20 L 050	P21 L 100
21	A·B		62.91	63.67	P21 L 050	P22 L 100
22	A·B		65.94	66.70	P22 L 050	P24 L 100
24	A·B	Cast Metal	72.00	72.77	P24 L 050	P25 L 100
25	A·B		75.04	75.80	P25 L 050	P26 L 100
26	A·B		78.07	78.83	P26 L 050	P28 L 100
28	A·B		84.13	84.89	P28 L 050	P30 L 100
30	A·B		90.20	90.96	P30 L 050	P32 L 100
32	A·B		96.26	97.02	P32 L 050	P34 L 100
34	A·B		102.32	103.08	P34 L 050	P36 L 100
36	A·B		108.39	109.15	P36 L 050	P38 L 100
38	A·B		114.45	115.21	P38 L 050	P40 L 100
40	A·B		120.51	121.28	P40 L 050	P44 L 100
44	A·B		132.64	133.40	P44 L 050	P48 L 100
48	W	Cast Metal	144.77	145.53	P48 L 050	P50 L 100
50	W		150.83	151.60	P50 L 050	P60 L 100
60	W		181.15	181.91	P60 L 050	P72 L 100
72	W		217.53	218.30	P72 L 050	