

Timing Pulleys

Width Configurable - MXL, XL, S2M, S3M, S5M

Bar-Shaped Timing Pulleys

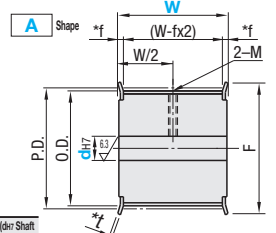
MXL, XL, S2M, S3M, S5M



RoHS 10

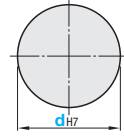
FTP A MXL
XL
S2M
S3M
S5M

• Pulley Shape

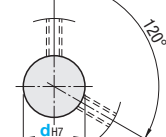


• Shaft Bore Specs.  Surface treatment may not be applied to shaft bores.

H Round Hole



P Round Hole + Tap



*No tapped holes or set screws. *The set screw holes are set at around 120° to keep away from peaks.

• Tapped Hole Dimensions

M (Coarse)	Accessory: Set Screw	MXL (dr Shaft Bore LD.)	XL (dr Shaft Bore LD.)	S2M (dr Shaft Bore LD.)	S3M (dr Shaft Bore LD.)	S5M (dr Shaft Bore LD.)
M 3	M 3x3	3-5	-	3-5	4-6	-
M 4	M 4x3	6-19	6-12	6-22	6-17	6-12
M 5	M 5x4	19-20	13-17	-	18-32	13-17
M 6	M 6x5	-	18-30	-	-	18-30
M 8	M 8x6	-	31-47	-	-	31-38

*MXL, S2M, S3M : f=2.0 t=1.0
XL, S5M : f=2.5 t=1.6

Type	Material	Surface Treatment	Accessory Set Screws
FTP A	Aluminum Alloy 2000 series	EN AW-5052 Equiv.	Clear Anodize EN 1.4301 Equiv.

Part Number	Pulley Shape	W	Shaft Bore Specs	P.D.	O.D.	F	Unit Price	Shaft Bore
Type	Type	mm	mm	mm	mm	mm	mm	mm
14	MXL	A	H	15-100	H	P	W15-25 W26-50 W51-75 W76-100	P Hole
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
30								
32								
34								
36								
38								
40								
42								
44								
46								
48								
50								
60								
72								
16	XL	A	H	15-100	H	P	W15-25 W26-50 W51-75 W76-100	P Hole
18								
19								
20								
22								
24								
25								
26								
28								
30								
32								
36								
40								
42								
44								
46								
48								
50								
60								
72								
14	S2M	A	H	15-100	H	P	W15-25 W26-50 W51-75 W76-100	P Hole
15								
16								
18								
20								
22								
24								
25								
26								
28								
30								
32								
36								
40								
44								
48								
50								
60								
72								
14								
15								
16								
18								
20								
22								
24								
25								
26								
28								
30								
32								
36								
40								
44								
48								
50								
60								
72								
14	S5M	A	H	20-100	H	P	W15-25 W26-50 W51-75 W76-100	P Hole
15								
16								
18								
20								
22								
24								
25								
26								
28								
30								
32								
36								
40								
44								
48								
50								
60								
72								

Ordering Example

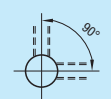
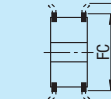
Part Number - Pulley Shape - W - Shaft Bore Specs, I.D.

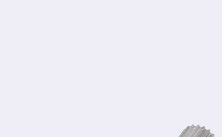
FTP A20S5M - A - W80 - P16

Alterations

Part Number - Pulley Shape - W - Shaft Bore Specs, I.D. - (KC90, NFC, RFC, FC, WMC)

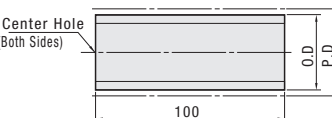
FTP A20S5M - A - W80 - P16 - KC90-WMC40-WA20

Alterations	Set Screw Angle	No Flange	Single Flange	Flange Cut	Tapped Hole
Code	KC90	NFC	RFC	FC	WMC
Spec.	 Changes an angle of set screw to 90°. The set screw hole is set at around 90° to keep away from peaks.	 Flange is not installed. (Flange Included)	 Flange installed by swaging only on one side at the time of shipment. (Flange 1 pc. Included)	 Lowers flange by cutting. FC: 0.5mm Increment. No surface treatment is applied on flange circumference.	 Adds a tapped hole. WMCs=M/2+3. WA=M/2+3. WMC+WA=M/2+3. WMC20-WA5.



RoHS 10

Center Hole (Both Sides)

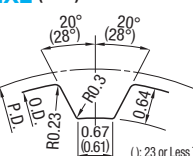


100

O.D.

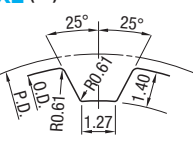
P.D.

BMXL (MXL)

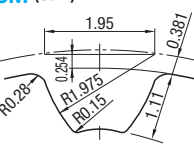


(): 23 or Less Toothed Pulley

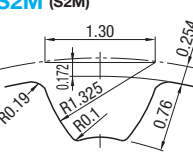
BXL (XL)



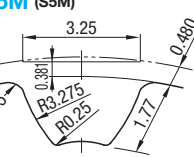
BS3M (S3M)



BS2M (S2M)



BS5M (S5M)



Tooth groove dimensions slightly vary according to the number of teeth. Material: EN AW-2017 Equiv.

Part Number	P.D.	O.D.	Unit Price
Type	Number of Teeth		
BMXL MXL	10	6.47	5.96
	11	7.11	6.61
	12	7.76	7.25
	13	8.41	7.90
	14	9.06	8.55
	15	9.70	9.19
	16	10.35	9.84
	17	11.00	10.49
	18	11.64	11.14
	19	12.29	11.78
	20	12.94	12.43
	21	13.58	13.07
	22	14.23	13.72
	23	14.88	14.37
	24	15.52	15.02
	25	16.17	15.66
	26	16.82	16.31
	27	17.46	16.96
	28	18.11	17.60
	30	19.40	18.90
BMXL XL	32	20.70	20.19
	34	21.99	21.48
	36	23.29	22.78
	38	24.58	24.07
	40	25.87	25.36
	42	27.17	26.66
	44	28.46	27.95
	46	29.75	29.24
	48	31.05	30.54
	50	32.34	31.83
BMXL S2M	60	38.81	38.30
	72	46.57	46.06

Ordering Example

Part Number

BMXL20

Part Number	P.D.	O.D.	Unit Price
Type	Number of Teeth		
BXL XL	16	25.87	25.36
	18	29.11	28.60
	19	30.72	30.22
	20	32.34	31.83
	22	35.57	35.07
	24	38.81	38.30
	25	40.43	39.92
	26	42.04	41.53
	28	45.28	44.77
	30	48.51	48.00
	32	51.74	51.24
	36	58.21	57.70
	40	64.68	64.17
BS2M S2M	14	8.91	8.40
	15	9.55	9.04
	16	10.19	9.68
	18	11.46	10.95
	20	12.73	12.22
	22	14.01	13.50
	24	15.28	14.77
	25	15.92	15.41
	26	16.55	16.04
	28	17.83	17.32
BS3M S3M	30	19.10	18.59
	32	20.37	19.86
	36	22.92	22.41
	40	25.46	24.96
	44	28.01	27.50
	48	30.56	30.05
	50	31.83	31.32
	60	38.20	37.69

Part Number	P.D.	O
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