Keyless High Torque Timing Pulleys - S8M

Compatible with S8M type from Mitsuboshi Belting Ltd. as well as Bando Chemical Industries Ltd.

For High Torque Timing Belts, see F.1465. For Open End Belts, see F.1476.

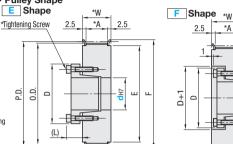


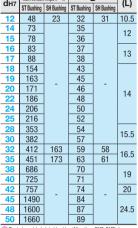
Standard Tooth Profile

		Part N	umber		M	Materia	al "	SSurf	ace Tre	atment	nt Table 1: Select Shaft Bor					ı.
T	Belt Width: 15mm	Belt Width 25mm		Belt Width:							al	Max. Allowable	Torque N • m	[)	,
Type	A:17W:22	A:28W:33	30mm A:33W:38	40mm A:44W:49	Pulley	Flange	Bushing	Pulley	Flange	Bushing	dH7	ST Bushing	SH Bushing	ST Bushing	SH Bushing	'
	S8M150	S8M250	S8M300	S8M400	i						12	48	23	32	31	1
HTLA					47075	45050	0.450	Clear A	nodize	-	14	73		35		١.
HTLK					A/U/5	A5052	5450	Hard Clear	r Anodize *2	-	15	78		36		
HTPL					S45C	SPCC	S45C	Black C	Oxide		16	83		37		Γ.
HTLG					Equivalent	3766	3436	Electrol	ess Nicke	el Plating	17	88		38		

. The above material and accessory might be changed to the ones equivalent to the originals. *2. Hard Anodize Treatment: Film Hardness 300HV ~

Pulley Shape





Tooth groove dimensions slightly vary according to the number of teeth. (Pitch:8.0mm)

Surface treatment may not be applied to shaft bores.
 The surface treatment may not be applied to shaft bores.
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Machined Flange for 72 Toothed Pulleys.* For quantity and size of tightening screws with flange installed, see E P.1425.

PElectroless nickel plated bushing (Alterations BMC, BMR) decreases maximum allowable torque and allowable thrust load by 20 ~ 30%.

Number of Teeth	18	19	20	21	22	24	25	26	28	30	32	34	36	38	40	44	48	50	60	72
P.D.	45.84	48.38	50.93	53.48	56.02	61.12	63.66	66.21	71.30	76.39	81.49	86.58	91.67	96.77	101.86	112.05	122.23	127.32	152.79	183.35
O.D.	44.46	47.01	49.56	52.10	54.65	59.74	62.29	64.84	69.93	75.02	80.12	85.21	90.30	95.39	100.49	110.67	120.86	125.95	151.42	181.97
F	52	55	58	61	61	67	70	74	80	87	87	95	99	104	111	119	127	135	160	190
Е	36	40	40	45	45	50	56	58	60	67	67	75	80	84	90	100	105	115	140	170

De	Part Number					dн7 Range	(,): Select the	e former or latter, (~): Specify in 1mm Increment						
Pa			Pulley		Sha	pe E		Shape F						
	Number		Shape	S8M150	S8M250	S8M300	S8M400	S8M150		S8M300	S8M400			
Туре	of Teeth	Width Nominal Width	Snape	ST Bushing	ST Bushing	ST Bushing	ST Bushing	SH Bushing	ST Bushing: 12~30, SH Bushing: 32, 35		ST Bushing			
	18			12	12	-	-	-	12	-	-			
	19			12, 14, 15	12, 14, 15	15	-	12	12, 14, 15	15				
	20	S8M150		12, 14~17	12, 14~17	15~17	-	12	12, 14, 15	15	-			
	21 22 24	*A:17 *W:22		12, 14~17	12, 14~17	15~17	16, 17	12	12, 14~17	15~17	16, 17			
	25	S8M250	E F	12, 14~20, 22	, 24, 25	15-20, 22, 24, 25	16~20, 22, 24, 25	12	12, 14~20, 22, 24, 25	15~20, 22, 24, 25	16~20, 22, 24, 25			
HTLA	26 28	*A:28		14~20, 22, 24, 25	14~20, 22, 24, 25	15~20, 22, 24, 25	16~20, 22, 24, 25	-	14~20, 22, 24, 25	15~20, 22, 24, 25	16~20, 22, 24, 25			
HTLK HTPL	30 32	*W:33		14~20, 22, 24, 14~20, 22, 24, 15-		15~20, 22, 24, 25, 28, 30, 32	24, 16~20, 22, 24,	-	14~20, 22, 24,	15~20, 22, 24, 25, 28, 30, 32	16~20, 22, 24, 25, 28, 30, 32			
HTLG	34 36	*A:33 *W:38		16~20, 22, 24 16~20, 22, 24	, 25, 28, 30, 32 , 25, 28, 30, 32		-	16~20, 22, 24, 25, 28, 30, 32, 35	16~20, 22, 24,	16~20, 22, 24, 25, 28, 30, 32, 35 16~20, 22, 24, 25, 28, 30, 32, 35, 38				
	38	11.00		16~20, 22, 24	<u>, 25, 28, 30, 32</u>	<u>, 35, 38, 40, 42</u>	2	<u> </u>	20, 20, 00, 02, 00	20, 20, 00, 02, 00	16~20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42			
	40 44 48	*A:44 *W:49			, 28, 30, 32, 35			-	28, 30, 32, 35	28, 30, 32, 35	20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42			
	50	w.49			, 28, 30, 32, 35	, 38,		_		20, 22, 24, 25,	20, 22, 24, 25, 28, 30,			
	60			40, 42, 45, 48							32, 35, 38, 40, 42			
	72			20, 22, 24, 25,	28, 30, 32, 35, 3	18, 40, 42, 45, 4	8, 50	-	20, 22, 24, 25, 28	30, 32, 35	20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50			



Ordering Part Number - Pulley Shape - Shaft Bore Dia.

Example HTPL 6088M300 - E - 40









								Unit	Price							
Number		H	ITLA	(x1.0)	HTL	(x1.1	1)			F	ITPL ((x1.0)	HTLG (x1.1)			
of Teeth	S8M150		S8M250		S8M300		S8M400		S8M150		S8M250		S8M300		S8M400	
	Shape E	Shape F	Shape E	Shape F	Shape E	Shape F										
18		-			-	-	-	-		-			-	-	-	-
19							-	-							-	-
20							-	-							-	-
21																
22																
24																
25 26 28																
26																
28																
30																
32																
34																
36																
38		-								-						
40																
44																
48																
50																

Alterations	Surface Treatment
Code	BMC, BMR
Spec.	Applies electroless nickel plating on a bushing. (Antirusting treatment is applied to screws.) **Electroless nickel plated bushing decreases allowable torque by 20 ~ 30%. BMC: Not RoHS Compliant (Screw: SCM435 Dacrotized Treatment) BMR: RoHS Compliant (Screw: SCM435 Boshelt Coating)

Alterations	Flange Cut	Flange Not Swaged	Flange Swaged on One Side
Code	FC	NFC	LFC, RFC
Spec.	P. C.)=(
	For	details of specs, see P.1	190.