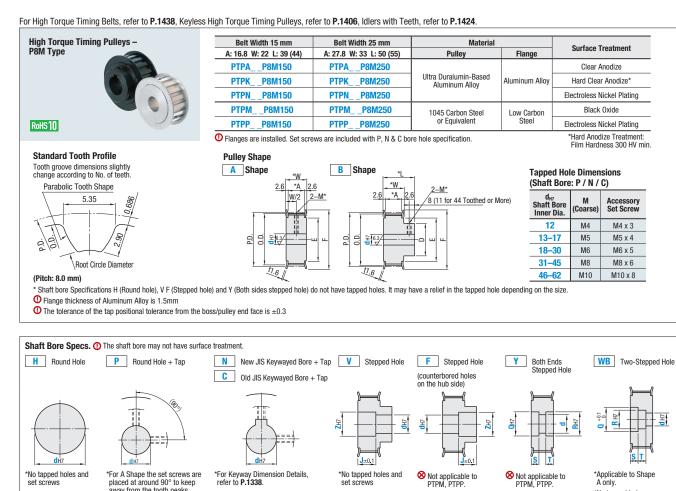
High Torque Timing Pulleys P8M Type



Par	Part Number				Pulley Shape																				
Туре	Teeth		Pulley Shape		A #-# : 1mm increments, no "-" : only selection of visible numbers.						B K #-# : 1mm increments, no "-" : only selection of visible numbers.					P.D.	0.D.	D	F		E				
				H(d) Round Hole	P(d) Round Hole + Tap ()	N(d) / C(D) JIS Keywayed Bore + Tap		V Steppe Z–d≥2	d Hole J (0.1 mm increments)	Y Bott Y(d) / WB (d)	Q • R	s • T (0.1 mm increments)	H(d) Round Hole	P(d) Round Hole + Tap ()	N(d) / C(D) JIS Keywayed Bore + Tap		/ F Stepp Z Z-d≥2	ed Hole J (0.1 mm increments)	- -	0.0.	-	Alum.	Steel	Alum.	Steel
	20			12-27	12-27	12-22	12-19	14-23	3.0≤J≤W− 3.0	12-22	18 26	3–23 S+T≤W−3	12-32	12-24	12-22	12-19	14-23		50.93	49.56	36	55	55	40	42.5
	22			12-30	12-30	12-25	12-22	14-26		12-25	18 - 30		12-37	12-29	12-25	12-22	14-26	3.0≤J≤L− 3.0	56.02	54.65	41	61	62	45	45
	24	P8M150		12-33	12-33	12-28	12-23	14-28		12-30	18–35		12-42	1 2–30	12-28	12-23	14-28		61.12	59.74	46	67	66	50	50
7075 Aluminum	26	*A: 16.8		16–35	16 - 35	16-30	16 -2 5	1 8–30		16–30	21–40		16–47	16-31	16-30	16 25	18 - 30		66.21	64.84	51	74	73	58	56
Alloy	28	*W: 22	A B	16–39	16–39	16-34	16–29	18–34		16–30	21–42		16–51	16-35	16-34	16-29	18–34		71.30	69.93	55	80	79	60	63
PTPK	30	 *L: 39 (L: 44) P8M250 *A: 27.8 *W: 33 *L: 50 (L: 55) 		16–40	16-40	16-35	16–30	18-35		16–35	21–50		16-56	16-40	16-35	16–30	18-35		76.39	75.02	60	83	82	63	67
PTPN	32			16-43	16-43	16-38	16-33	18-37		16-35	21–50		16–61	16-43	16-38	16-33	18-37		81.49	80.12	65	87	86	67	71
1035	34			16-47	16-47	16-42	16-35	18-40		16-35	26–55		16–66	16-47	16-42	16-35	18-40		86.58	85.21	70	95	91	75	77
Carbon Steel	36			16–50	16–50	16-45	16-35	18-43		16-38	26–60		16-71	16-50	16-45	16-35	18-43		91.67	90.30	75	99	97	80	80
Equiv. PTPM	40			20–55	20–55	20–50	20-35	22-45		20-42	27–65		20-80	20–55	20-50	20-35	22-45		101.86	100.49	85	111	107	90	90
PTPM	44			20-60		2050	20-35	-		20–50	27–72			20-60	2050	20-35				110.67			119	100	102
	48	(L. 33)		20-67	20-67	20-50		22–55		20–50	27–80		20-85	20-67	20-50	20-40	22–55			120.86	1 1	127	127	105	112
	50			20-67	20-67	20–50	20-40	22–55		20–50	27–80		20-85	20-67	20-50	20-40	22-55		127.32	125.95	100				120
	60			20-67	20-67	20-50	20-40	22–55		20–50	27–80		20-85	20-67	20-50	20-40	22–55		152.79	151.42		160	158	140	140

Shaft Bore Dia. 13, 14, 17, 21-50 are not available for Shaft Bore specification C.

away from the tooth peaks.

U L Dimensions in () are for 44–60 toothed pulleys.



Misumi

1378

*No tapped holes or set screws.

① Q - R ≥ 2

① R - WB ≥ 2

*Applicable to A Shape only.

*No tapped holes and set screws.

① Q (R) - Y ≥ 2

*Applicable to B Shape only.

*No tapped holes and set screws.

High Torque Timing Pulleys

P8M Type, *continued*

	Part Number ixampleSh	Part Number aft Bore : H / P / N / C PTPA: Shaft Bore: V / F PTPA: Shaft Bore: Y PTPA:	48P8M250 - B	ape - Shaft Bore Sp - Ht - V2 - V2	50 25 - Z43	- J25	R - S - T 87 - S7 - T9			
	Part Number		A - H60	2C Z - J -	Q - R - S	- T - (KC120 / QS - NF4	SC / QFC / QTC / KSC / KFC / KTC / BC / C / RFC / LFC / FC / TPC / SLH) QSC80 - MB			
Alterations	Set Screw Angle	Side Ta	pped Hole	Side C	ounterbore Holes	Groove for Re	tainer Ring Taper for Retaining Bearin			
Code Spec.	KC120 Changes an angle of set screw to 120°. ● For A shape pulley, the set screw hole is set at around 120° to keep away from peaks.	Machines tapped hole on (QSC, QFC, QTC: 1 mm Im O Thickness required: m A Shape: d+M+4≤QSC B Shape: d+M+4≤QSC O Specify KC90 when se Bore specifications P a O The pilot hole for tappi	inimum 2 mm $(2FC / QTC) \le E-(M+4)$ $(2GC / QTC) \le D-(M+4)$ idecting QFC for the Shaft and N. ing may go through. Is Bore Specifications F or Y. to the Shaft Bore 5, M6, M8	 Machines countbore I the hub side. Ordering Code: ZTC2 Z/C Selection: Please manufacturing position (P.C.D.) ZM Selection: ZM3, i Application Notes Not applicable for Minimum thicknes Conditions vary de specifications ZSC ZSC ZFC 	e specify the hole's ZM4, ZM5, ZM6, ZM8 1.5GT	in line with the ste the shaft SRG Specification 2.5-36.5mm (0.5m Application Notes Minimum thick Applicable to s specifications ' Use retainer rir standards for 2	or retainer ring pped hole of n: nm increments) haft bore V, F only. Ig groove dimension Add taper for retaining bearing inner ring Ordering Code: BTC8-TL1.5 Application Notes ① Applicable to Shape A only. ① Applicable to Shape A only. ① Applicable to Shape A only. ① TL < L-W ① TL < L-W			
Alterations	Hub Shortening	Flange Not Swaged	Flange Swaged on One Side	Flange Cut	Tapped Hole Dimensions	Set Screw Length	Side Through Holes			
Code	BC	NFC	RFC / LFC	FC	TPC	SLH	KSC·KTC·KFC			
Spec.	Cuts the hub length i 0.5mm increments Ordering Code: BC6 Application Notes Shaft Bore specification H, V 3≤BC≤L-W (Shaft Bore specification P, N M+3≤BC≤L-W (Shot available for K, A shape	.5 (Flange included)	Flange installed on the hub side (RFC) or the opposite side (LFC) only. Same on A Shape RFC	Cuts the outer diameter of the flange in 0.5mm increments Ordering Code: FC17 Application Notes \bigcirc FC \geq (0.D.) + 1 \bigcirc FC \leq F - 2 \bigcirc No surface treatment applied on flange circumference.	Changes the tapped hole dimension. • Applicable to Shaft Bore specification P, N, C only. • M TPC • M4 M5 • M5 M4, M6 • M6 M5, M8 • M8 M6 • M10 M8 • Ordering Code: TPC5	Changes the length of the included set screws.	Machines through hole on the side surface of hub side. Ordering Code: KTC28-K4.5 K, C Selection: Please specify the hole's manufacturing posit (P.C.D.) K Specification: K4.0-11.0 (0.5mm increment Application Notes Not available for K shape KSC KFC KFC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC KTC			



