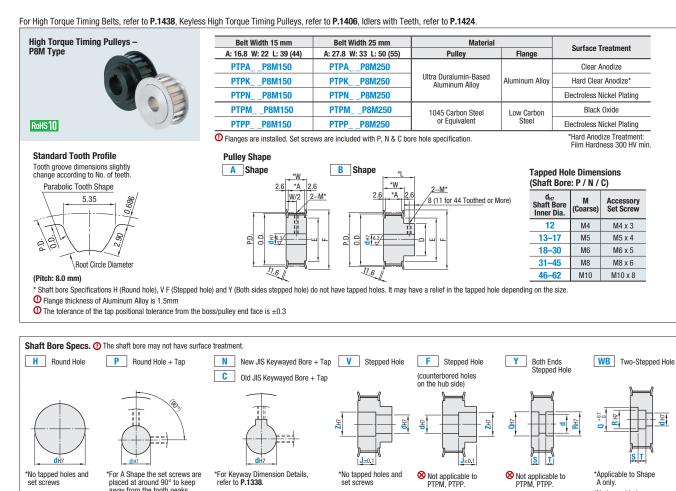
High Torque Timing Pulleys P8M Type



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			



