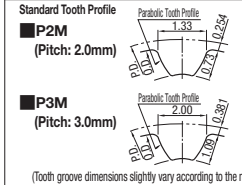


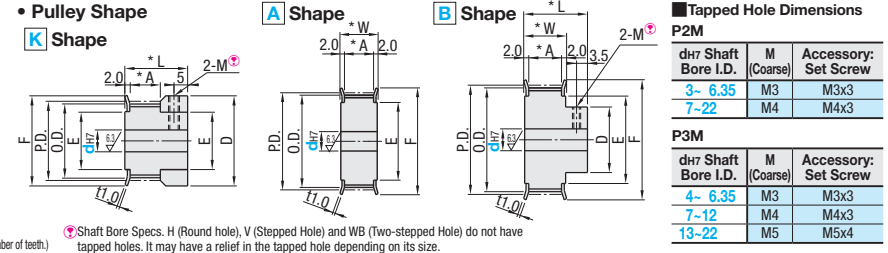
# High Torque Timing Pulleys - P2M, P3M

For High Torque Timing Belts, see **P1501**. For Idlers with Teeth, see **P1503**.



Type	Belt Width			Material*		Surface Treatment	Accessory Set Screws*
	6mm	10mm	15mm	Pulley	Flange		
PTPA	●	●	●	High Strength Aluminum Alloy	Aluminum Alloy	Clear Anodize	SUS304
PTPM	-	●	●	S45C Equivalent	SPCC	Black Oxide	SCM435
PTPP	-	●	●			Electroless Nickel Plating	(Black Oxide)

\* Flange is already swaged, and set screws are included with for Shaft Bore P, N and C. \* The above material and accessory might be changed to the ones equivalent to the originals.



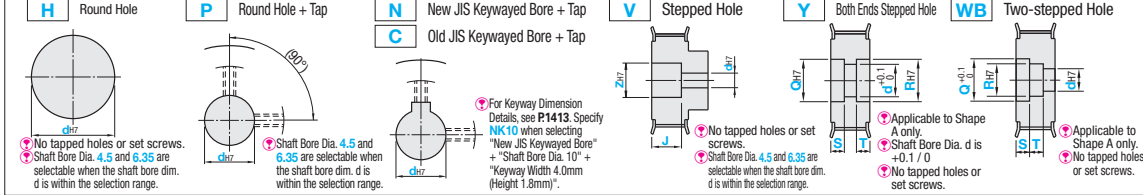
## Number of Teeth / Dimension

Standard	mm	Number of Teeth																	
		14	15	16	18	20	22	24	25	26	30	32	36	40	42	44	48	50	60
P2M Type	PD	8.91	9.55	10.19	11.46	12.73	14.01	15.28	15.92	17.83	19.10	20.37	22.92	25.46	26.74	28.01	30.56	31.83	38.20
	O.D.	8.40	9.04	9.68	10.95	12.22	13.50	14.77	15.41	17.32	18.59	19.86	22.41	24.96	26.23	27.50	30.05	31.32	37.69
	D	12	13	13	15	17	17	17	20	12	12	12	14	16	18	18	18	22	28
	d	12	15	17	17	17	21	25	12	14	14	16	18	18	24	26	28	32	37.69
	F	6	6	8	8	10	10	10	14	14	16	18	18	23	23	25	25	28	32

## Belt Nominal Width / Dimension

mm	Nominal		
	P2M060	P3M100	P3M150
A (Shape K)	7.5	11.0	17.0
A (Shape A, B)	7.5	12.0	17.0
W	11.5	16.0	21.0
L	20.0	23.0	29.0

## Shaft Bore Specs



## P2M

Type	Number of Teeth	Type Nominal Width	Pulley Shape	Pulley Shape										
				Shaft Bore Specs. "A": 1mm Increments "B, K": Selectable					Shaft Bore Specs. "B, K": 1mm Increments "A": Selectable					
				H(c)	P(c)	N(c), C(c)	V	J	H(c)	P(c)	N(c), C(c)	V	J	
Aluminum PTPA	14	P2M060	A	3	-	-	-	-	-	3, 4	-	-	-	-
	15			3	-	-	-	-	-	3, 4	-	-	-	-
	16			3-4	-	-	-	-	-	3-5	-	-	-	-
	20			3-4	-	-	4	6	-	4-6.35	-	-	-	-
	22			4-6	4	-	4	6	-	4-6.35	-	-	-	-
	24			4-6	4	-	4	6	-	4-6.35	-	-	-	-
	25			4-10	4-6	-	4-8	6-10	-	4-6.35	-	-	-	-
	28			5-10	5-6	-	5-8	7-10	-	5-8	5-6.35	-	5-6	7-8
	30			5-12	5-8	-	5-10	7-12	-	5-8	5-8	-	5-6	7-8
	32			5-14	5-10	8	5-12	7-14	2.5Js-W-2	5-12	7-14	-	5-6	7-8
	36			5-14	5-10	8	5-12	7-14	2.5Js-W-2	5-12	7-14	-	5-8	7-10
	40			5-19	5-13	8-10	5-17	7-19	-	5-17	7-19	-	5-10	7-12
42	5-19	5-13	8-10	5-17	7-19	-	5-17	7-19	-	5-12	7-14			
44	5-21	5-15	8-13	5-19	7-21	-	5-19	7-21	-	5-14	5-12			
48	5-21	5-15	8-13	5-19	7-21	-	5-19	7-21	-	5-14	5-12			
50	5-24	5-18	8-15	5-22	7-24	-	5-22	7-24	-	5-18	5-15			
60	5-28	5-22	8-20	5-26	7-28	-	5-26	7-28	-	5-24	5-19			

⊗ Shaft Bore Dia. 9 is not available for Shaft Bore Specs. N. ⊗ Shaft Bore Dia. 8, 11, 13, 14, 17 are not available for Shaft Bore Specs. C. ⊕ Shaft Bore Dia. 4.5 and 6.35 are selectable for Shaft Bore Specs. H, P, V.

## P3M

Type	Number of Teeth	Type Nominal Width	Pulley Shape	Pulley Shape										
				Shaft Bore Specs. "A": 1mm Increments "B, K": Selectable					Shaft Bore Specs. "B, K": 1mm Increments "A": Selectable					
				H(c)	P(c)	N(c), C(c)	V	J	H(c)	P(c)	N(c), C(c)	V	J	
Steel PTPM PTPP	10	P3M100	A	3	-	-	-	-	-	4	-	-	-	-
	12			4	-	-	-	-	-	4, 5	-	-	-	-
	14			4-6	4	-	4	6	-	4-6.35	-	-	-	-
	15			4-6	4	-	4	6	-	4-6.35	-	-	-	-
	18			4-8	4	-	4	6	-	4-6.35	-	-	-	-
	20			4-10	4-8	-	4-8	6-10	-	4-8	6-10	-	4-6.35	-
Aluminum PTPA	22	P3M150	A	4-12	4-10	-	4-10	6-12	-	4-10	6-12	-	4-6.35	-
	24			5-14	5-10	8	5-12	7-14	-	5-12	7-14	-	5-8	5-8
	25			5-14	5-10	8	5-12	7-14	2.5Js-W-2	5-12	7-14	-	5-10	5-9
	26			5-16	5-10	8	5-14	7-16	-	5-14	7-16	-	5-10	5-9
	28			6-16	6-10	8	6-14	8-16	-	6-14	8-16	-	6-12	6-10
	30			6-19	6-13	8, 10, NK10	6-17	8-19	-	6-17	8-19	-	6-14	6-12
Steel PTPM PTPP	32	P3M150	B	6-21	6-15	8-13	6-19	8-21	-	6-19	8-21	-	6-14	6-12
	36			6-21	6-15	8-13	6-19	8-21	-	6-19	8-21	-	6-14	6-12
	38			6-24	6-18	8-15	6-22	8-24	-	6-22	8-24	-	6-20	6-16
	40			6-28	6-22	8-20	6-26	8-28	-	6-26	8-28	-	6-23	6-18
	42			6-28	6-22	8-20	6-26	8-28	-	6-26	8-28	-	6-23	6-18
	48			6-28	6-22	8-20	6-26	8-28	-	6-26	8-28	-	6-23	6-18

⊗ Shaft Bore Dia. 9 is not available for Shaft Bore Specs. N. ⊗ Shaft Bore Dia. 8, 11, 13, 14, 17 are not available for Shaft Bore Specs. C. ⊕ Shaft Bore Dia. 4.5 and 6.35 are selectable for Shaft Bore Specs. H, P, V.

**Ordering Example** (Shaft Bore Specs.: H, P, N, C) (Shaft Bore Specs.: V) (Shaft Bore Specs.: Y, WB)

Part Number - Pulley Shape - Shaft Bore Specs., I.D. - Z - J - Q - R - S - T

PTPA48P2M060 - B - NK10  
 PTPM32P3M100 - B - V7 - Z10 - J6  
 PTPA40P3M150 - A - Y10 - Q19 - R15 - S5 - T4