P 2 M

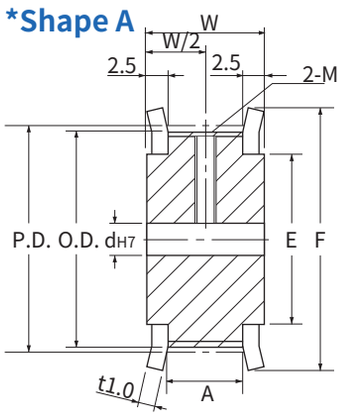
High Torque

Ex Order.(For detailed ordering examples, please refer to page 04.)

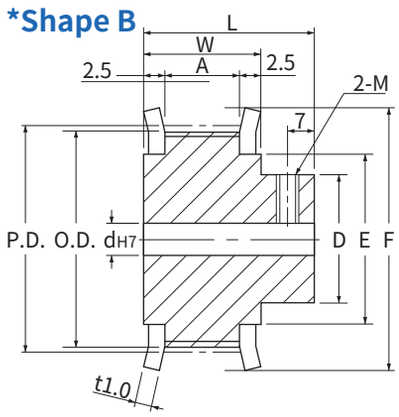
Teeth Type	- Shape	- Material	- Surface Treatment	- Belt Width	- Number of teeth	- Processing project of shaft hole
P2M	A	AL	WA	6	14	H3
P2M	B	AL	WA	6	28	V5 - Z7 - J2.0
P2M	K	AL	WA	6	15	P3

Please refer to pages 05-06 for additional work item details.

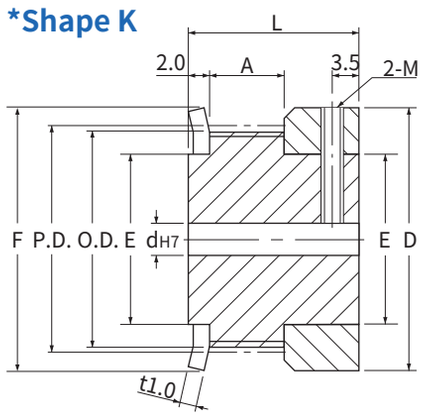
*Shape A



*Shape B



*Shape K



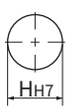
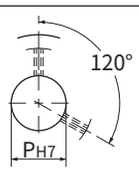
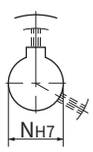
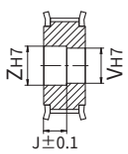
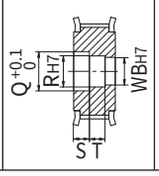
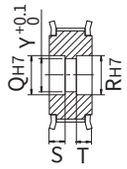
Material	Surface Treatment
Aluminum AL	white anode WA

*A small part of the processed area may not have a surface treatment.

Type			P.D.			O.D.			F			E			D	
Belt Width mm	Pulley Shape	Number of teeth	A Shape	B Shape	K Shape	A Shape	B Shape	K Shape	A Shape	B Shape	K Shape	A Shape	B Shape	K Shape	B Shape	K Shape
6 ※A:7.5 ※W:11.5 ※L:20	A K	14	8.91	-	8.91	8.40	-	8.40	12	-	12	6	-	6	-	12
		15	9.55		9.55	9.04		9.04	12		12	6		6		13
		16	10.19		10.19	9.68		9.68	14		14	8		8		13
		18	11.46		11.46	10.95		10.95	14		14	8		8		15
		20	12.73		12.73	12.22		12.22	16		16	10		10		17
		22	14.01		14.01	13.50		13.50	16		16	10		10		17
		24	15.28		15.28	14.77		14.77	16		16	10		10		17
		25	15.92		15.92	15.41		15.41	22		22	14		14		20
	A B	28	17.83	-		17.32	-		22	-		14	-		12	-
		30	19.10			18.59			25			16			12	
		32	20.37			19.86			28			18			12	
		36	22.92			22.41			28			18			14	
		40	25.46			24.96			32			23			16	
		42	26.74			26.23			32			23			18	
		44	28.01			27.50			35			25			18	
		48	30.56			30.05			35			25			18	
		50	31.83			31.32			40			28			22	
		60	38.20			37.69			44			32			28	

Belt Width 6mm

Shaft hole processing items (refer to P . 0.7 - 0.8 for keyway and grommet groove dimensions).

H Round hole	P Round hole + tapping	N(new JIS) C(old JIS) Keyway holes + tapping	V Neck hole		WB Double neck holes	Y Both ends neck holes
			A	B	A	A
						

Accessory fixing screws for P, N, C-axis hole processing service.		
Axis diameter	2-M thick thread	Attachment Fixing Screws
3~6.35	M3	M3X3
7~22	M4	M4X3

*Flanges are installed. Set screws are included with P, N & C bore hole specification

*No tapped holes and set screws for H, V, WB shafts, In addition, some sizes of tapped holes may have escaping grooves.

*Tolerance of hole dimensions on the hub side and end faces is ±0.3.

*For H, P, V the shaft hole diameter can be selected from 4.5, 6.35 as long as it is within the selection range.

*When the shaft hole specification is N, it is not possible to make the shaft hole diameter of 9.

*NK10 can also be selected within the range of options when the shaft hole specification is N.

*When the shaft hole specification is C, it is not possible to make shaft hole diameter of 8, 11, 13, 14, 17

*When the shaft hole specification is Y, the diameter of the shaft hole d is +0.1/0; only applicable to A-shape.

*When the shaft hole specification is WB, only A-shape can be used.

Shaft hole specifications (specified unit: 1mm).

Number of teeth	H Round hole		P Round hole+ tapping			N(C) Keyway holes+ tapping		V・F Neck hole						Y Both ends neck holes・WB Double neck holes		
								V		Z		J (In units of 0.1mm.)		Y・WB	Q・R	S・T (In units of 0.1mm.)
	A	B	A	B	K	A	B	A	B	A	B	A	B	A	A	A
14	3	-	-	-	3・4	-	-	-	-	-	-	-	-	-	-	3.0~9.0 S+T≤W-3
15	3				3~5											
16	3~4				3~5											
18	3~4				3~6											
20	4~6		4		4~6.35			4		6		2.0≤J≤W-2.0	2.0≤J≤L-2.0	4	6	
22	4~6		4		4~6.35			4		6				4	6	
24	4~6		4		4~6.35			4		6				4	6	
25	4~10		4~6		4~6.35			4~8		6~10				4~8	6~10	
28	5~10	5~8	5・6	5~6.35	-			5~8	5~6	7~10	7~8			5~8	7~10	
30	5~12	5~8	5~8	5~8				5~10	5~6	7~12	7~8			5~10	7~12	
32	5~14	5~8	5~10	5~8		8		5~12	5~6	7~14	7~8			5~12	7~14	
36	5~14	5~10	5~10	5~8		8		5~12	5~8	7~14	7~10			5~12	7~14	
40	5~19	5~12	5~13	5~10		8~10	8	5~17	5~10	7~19	7~12			5~17	7~19	
42	5~19	5~14	5~13	5~12		8~10	8・10・NK10	5~17	5~12	7~19	7~14			5~17	7~19	
44	5~21	5~14	5~15	5~12		8~13	8・10・NK10	5~19	5~12	7~21	7~14			5~19	7~21	
48	5~21	5~14	5~15	5~12		8~13	8・10・NK10	5~19	5~12	7~21	7~14			5~19	7~21	
50	5~24	5~18	5~18	5~15		8~15	8~13	5~22	5~14	7~24	7~16			5~22	7~24	
60	5~28	5~24	5~22	5~19		8~20	8~18	5~26	5~17	7~28	7~19			5~26	7~28	