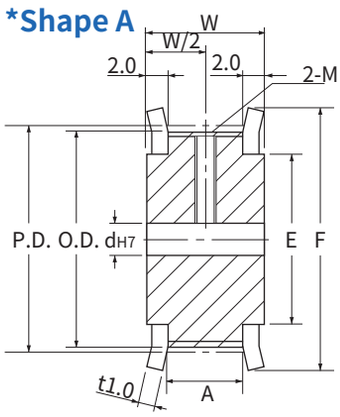
P3M High Torque

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

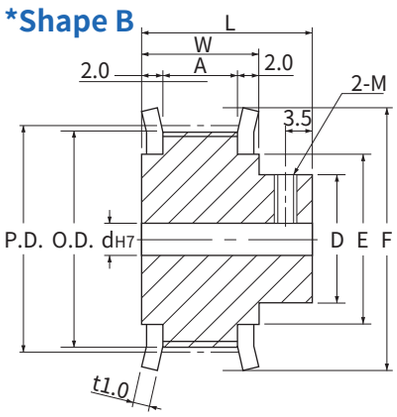
Teeth Type	-	Shape	-	Material	-	Surface Treatment	-	Belt Width	-	Number of teeth	-	Processing project of shaft hole
P3M		A		AL		WA		10		10		H3
P3M		B		CS		BK		15		24		V6 - Z9 - J2.0
P3M		K		CS		NE		10		12		P4

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

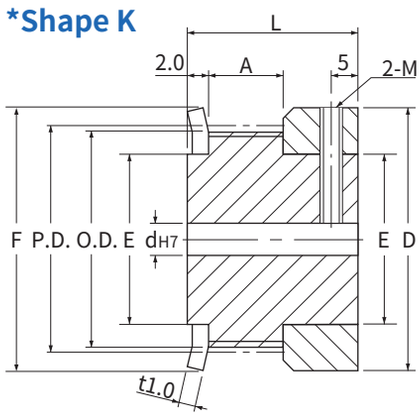
*Shape A



*Shape B



*Shape K



Material	Surface Treatment
Aluminum AL	white anode WA
S45C CS	Black oxide BK
	Electroless nickel NE

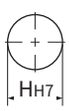
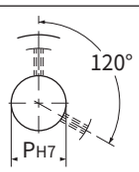
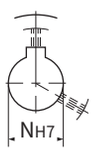
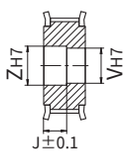
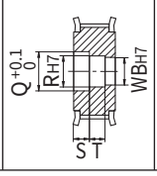
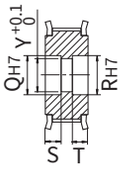
*A small part of the processed area may not have a surface treatment.

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
10 ※A:12 (A:11) ※W:16 ※L:23	A K	10	9.55	-	9.55	8.79	-	8.79	12	-	12	6	-	6	-	12
		12	11.46		11.46	10.70		10.70	14		14	8		8		15
		14	13.37		13.37	12.61		12.61	16		16	10		10		17
		15	14.32		14.32	13.56		13.56	16		16	10		10		17
		16	15.28		15.28	14.52		14.52	16		16	10		10		17
		18	17.19		17.19	16.43		16.43	22		22	14		14		21
		20	19.10		19.10	18.34		18.34	25		25	16		16		25
15 ※A:17 ※W:21 ※L:29	A B	22	21.01	-		20.25	-		28	-		18	-		12	-
		24	22.92			22.16			28			18			14	
		25	23.87			23.11			30			20			14	
		26	24.83			24.07			30			20			16	
		28	26.74			25.98			32			23			18	
		30	28.65			27.89			35			25			18	
		32	30.56			29.80			35			25			18	
		36	34.38			33.62			40			28			24	
		40	38.20			37.44			44			32			26	

*K shape A is of dimensions ()

Belt Width 10mm · 15mm

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
4~6.35	M3	M3X3
7~12	M4	M4X3
13~22	M5	M5X4

*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 V		V・F Neck hole Z		J (In units of 0.1mm.)		Y Both ends neck holes・WB Double neck holes Y・WB	Y Both ends neck holes・WB Double neck holes 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
10	3	-		-	4	-	-	-	-	-	-	-	-	-	-	3.0~9.0 S+T≤W-3
12	4				4・5											
14	4~6		4		4~6.35			4	-	6	-	2.0≤J≤W-2.0	-	4	6	
15	4~6		4		4~6.35			4		6				4	6	
16	4~6		4		4~6.35			4		6				4	6	
18	4~10		4~8		4~6.35			4~8		6~10				4~8	6~10	
20	4~12		4~10		4~6.35			4~10		6~12				4~10	6~12	
22	5~14	5~8	5~10	5~8	-	8		5~12		7~14				5~12	7~14	
24	5~14	5~10	5~10	5~9		8		5~12	6	7~14	9		2.0≤J≤L-2.0	5~12	7~14	
25	5~16	5~10	5~10	5~9		8		5~14	6	7~16	9			5~14	7~16	
26	6~16	6~12	6~10	6~10		8	8	6~14	7	8~16	10			6~14	8~16	
28	6~19	6~14	6~13	6~12		8・10・NK10	8・10・NK10	6~17	7・8・9	8~19	10~12			6~17	8~19	
30	6~21	6~14	6~15	6~12		8~13	8・10・NK10	6~19	7・8・9	8~21	10~12			6~19	8~21	
32	6~21	6~14	6~15	6~12		8~13	8・10・NK10	6~19	7・8・9	8~21	10~12			6~19	8~21	
36	6~24	6~20	6~18	6~16		8~15	8~15	6~22	7~13	8~24	10~16			6~22	8~24	
40	6~28	6~23	6~22	6~18		8~20	8~16	6~26	7~14	8~28	10~18			6~26	8~28	