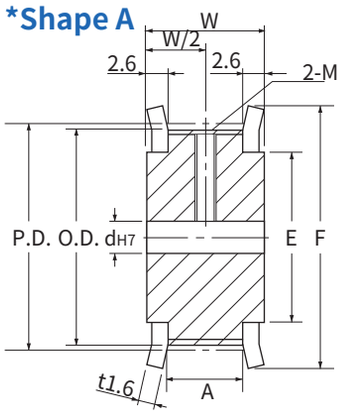
P 8 M

High Torque

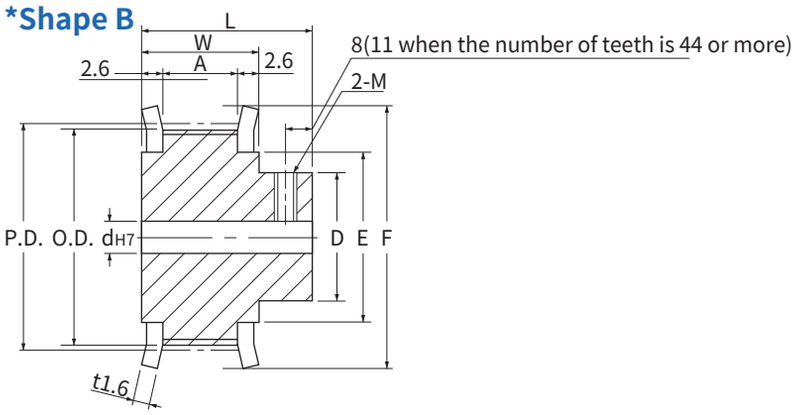
Ex Order.(For detailed ordering examples, please refer to page 04.)

Teeth Type	-	Shape	-	Material	-	Surface Treatment	-	Belt Width	-	Number of teeth	-	Processing project of shaft hole	-	Please refer to pages 05-06 for additional work item details.
P8M		A		AL		WA		15		20		H12		
P8M		B		CS		BK		25		22		F12 - Z14 - J3.0		

*Shape A



*Shape B



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

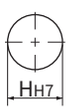
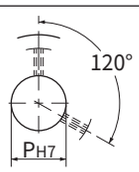
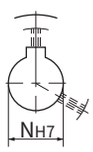
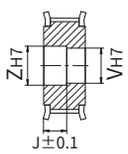
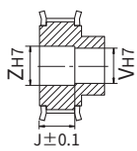
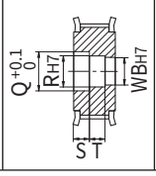
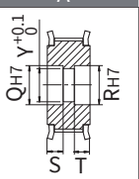
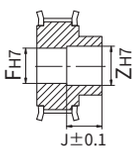
*Hard anode to a film's hardness of 300HV～.
*A small part of the processed area may not have a surface treatment.

Type			P.D.		O.D.		F		E		D
Belt Width mm	Pulley Shape	Number of teeth	A Shape	B Shape	A Shape	B Shape	A Shape	B Shape	A Shape	B Shape	
15 ※A:16.8 ※W:22 ※L:39 (L:44)	A B	20	50.93		49.56		55		40		36
		22	56.02		54.65		61		45		41
		24	61.12		59.74		67		50		46
		26	66.21		64.84		74		58		51
		28	71.3		69.93		80		60		55
		30	76.39		75.02		83		63		60
		32	81.49		80.12		87		67		65
		34	86.58		85.21		95		75		70
25 ※A:27.8 ※W:33 ※L:50 (L:55)		36	91.67		90.3		99		80		75
		40	101.86		100.49		111		90		85
		44	112.05		110.67		119		100		90
		48	122.23		120.86		127		105		100
		50	127.32		125.95		135		115		
		60	152.79		151.42		160		140		

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

Belt Width 15mm · 25mm

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	F Neck hole (Hub Side Countersunk Hole)
			A	B	A	A	B
							

Accessory fixing screws for P, N, C-axis hole processing service.

Axis diameter	2-M thick thread	Attachment Fixing Screws
5~12	M4	M4X3
13~17	M5	M5X4
18~30	M6	M6X5
31~45	M8	M8X6
46~67	M10	M10X8

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

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

*No tapped holes and set screws for H, V, Y, F, WB shaft holes.

*When the shaft hole specification is C, it is not possible to make shaft hole diameter of 13, 14, 17, 21-50

*Z-V ≥ 2 when the shaft hole specification is V.

*Q(R) - Y≥2 for Y shaft hole specification ; applicable to A-shape only.

*Q-R ≥ 2 and R-WB ≥ 2 for WB shaft hole specification; for A-shape only.

*Z−F≥2 for F shaft hole specification; for B-shape only.

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	V · F	Z		J (In units of 0.1mm.)		Y · WB	Q · R	S · T (In units of 0.1mm.)
	A	B	A	B	A	B	A	B	A	B	A	B	A	A	A
20	12~27	12~32	12~27	12~24	12~22		12~19		14~23				12~22	18~26	
22	12~30	12~37	12~30	12~29	12~25		12~22		14~26				12~25	18~30	
24	12~33	12~42	12~33	12~30	12~28		12~23		14~28				12~30	18~35	
26	16~35	16~47	16~35	16~31	16~30		16~25		18~30				16~30	21~40	
28	16~39	16~51	16~39	16~35	16~34		16~29		18~34				16~30	21~42	
30	16~40	16~56	16~40	16~40	16~35		16~30		18~35				16~35	21~50	
32	16~43	16~61	16~43	16~43	16~38		16~33		18~37		3.0≤J ≤W-3.0	3.0≤J ≤L-3.0	16~35	21~50	3.0~23.0 S+T≤W-3
34	16~47	16~66	16~47	16~47	16~42		16~35		18~40				16~35	26~55	
36	16~50	16~71	16~50	16~50	16~45		16~35		18~43				16~38	26~60	
40	20~55	20~80	20~55	20~55	20~50		20~35		22~45				20~42	27~65	
44	20~60	20~80	20~60	20~60	20~50		20~35		22~48				20~50	27~72	
48	20~67	20~85	20~67	20~67	20~50		20~40		22~55				20~50	27~80	
50	20~67	20~85	20~67	20~67	20~50		20~40		22~55				20~50	27~80	
60	20~67	20~85	20~67	20~67	20~50		20~40		22~55				20~50	27~80	