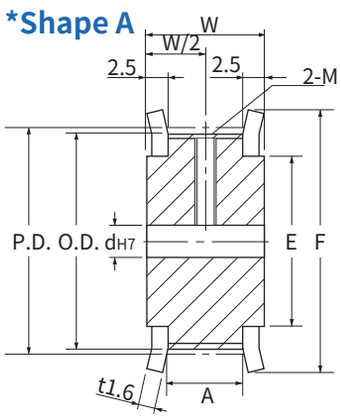
L Regular Torque

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

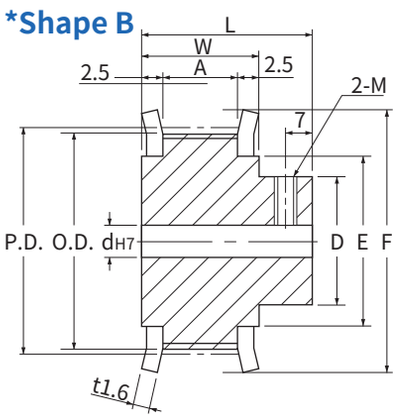
Teeth Type	-	Shape	-	Material	-	Surface Treatment	-	Belt Width	-	Number of teeth	-	Processing project of shaft hole
L		A		AL		WA		12.7		10		H6
L		B		CS		BK		19.1		14		F8 - Z10 - J3.0

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

*Shape A



*Shape B



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

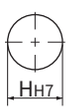
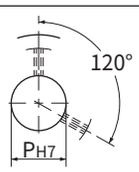
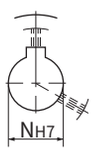
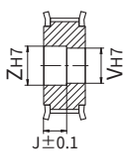
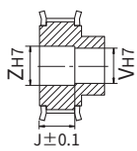
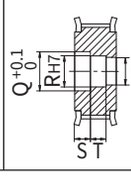
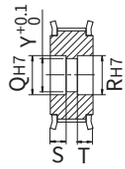
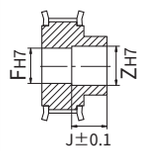
*Hard anode to a film's hardness of 300HV～.
*A small part of the processed area may not have a surface treatment.

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	
12.7	A B	10	30.32		29.56		36		24		22
12.7・19.1		12	36.38		35.62		45		30		27
12.7 ※A:14 ※W:19 ※L:31 (L:39)		14	42.45		41.68		48		35		30
		15	45.48		44.72						
		16	48.51		47.75		55		40		32
		17	51.54		50.78						34
		18	54.57		53.81		61		45		36
		19	57.61		56.84		67		50		38
		20	60.64		59.88						40
		21	63.67		62.91		70		56		42
19.1 ※A:21 ※W:26 ※L:38 (L:46)		22	66.70		65.94		80		60		45
		24	72.77		72.00		87		67		50
		25	75.80		75.04						
		26	78.83		78.07						
		28	84.89		84.13		95		75		
25.4 ※A:27 ※W:32 ※L:44 (L:53)		30	90.96		90.20		99		80		56
		32	97.02		96.26		104		84		
		34	103.08		102.32		111		90		63
		36	109.15		108.39		123		102		
		38	115.21		114.45		127		105		
		40	121.28		120.51		131		110		
38.1 ※A:40 ※W:45 ※L:57 (L:57)		42	127.34		126.58		135		115		71
		44	133.40		132.64		140		120		
		46	139.47		137.71		144		125		
		48	145.53		144.77		152		130		
		50	151.60		150.83		160		140		
	A	60	181.91		181.15	-	190	-	170	-	-
		72	218.30		217.53		225		200		

* L dimensions in () are for 60–72 toothed pulleys.

Belt Width 12.7mm · 19.1mm · 25.4mm · 38.1mm

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
A形	B形		
6~12		M4	M4X3
13~17		M5	M5X4
18~30		M6	M6X5
31~45		M8	M8X6
46~70	46~57	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.
*When teeth are 60 or 72,t= 2.0(for cutting flanges)
*No tapped holes and set screws for H, V, Y, WB, F shaft holes.
*For H, P, V, F, the shaft hole diameter can be selected from 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 and 51-54
*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, 9, 11, 13, 14, 17, 21-55.
*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
10	6~20	6~18	6~14	6~14	8~14	8~14	6~18	6~16	8~20	8~18			6~18	8~20	
12	8~26	8~23	8~18	8~18	8~18	8~18	8~24	8~21	10~26	10~23			8~24	10~26	
14	8~31	8~26	8~23	8~20	8~21	8~20	8~29	8~24	10~31	10~26			8~29	10~31	
15	8~31	8~26	8~23	8~20	8~23	8~20	8~29	8~24	10~31	10~26			8~29	10~31	
16	10~36	10~28	10~28	10~22	10~23	10~22	10~34	10~26	12~36	12~28			10~34	12~36	
17	10~36	10~30	10~28	10~24	10~26	10~23	10~34	10~28	12~36	12~30			10~34	12~36	
18	10~41	10~32	10~33	10~26	10~34	10~23	10~39	10~30	12~41	12~32			10~39	12~41	
19	12~46	12~34	12~34	12~28	12~35	12~25	12~44	12~32	14~46	14~34			12~44	14~46	
20	12~46	12~36	12~34	12~30	12~35	12~26	12~44	12~34	14~46	14~36			12~44	14~46	
21	12~52	12~38	12~40	12~30	12~37	12~26	12~50	12~36	14~52	14~38			12~50	14~52	
22	12~53	12~41	12~44	12~33	12~38	12~30	12~51	12~39	14~53	14~41			12~51	14~53	
24	12~63	12~46	12~49	12~38	12~44	12~30	12~61	12~44	14~63	14~46			12~61	14~63	
25	12~63	12~46	12~49	12~38	12~45	12~30	12~61	12~44	14~63	14~46	3.0≤J ≤W-3.0	3.0≤J ≤L-3.0	12~61	14~63	3.0~21.0
26	12~63	12~46	12~49	12~38	12~45	12~30	12~61	12~44	14~63	14~46			12~61	14~63	S+T≤W-3
28	12~71	12~46	12~57	12~38	12~50	12~30	12~69	12~44	14~71	14~46			12~69	14~71	
30	12~72	12~52	12~62	12~42	12~55	12~34	12~70	12~50	14~72	14~52			12~70	14~72	
32	14~76	14~52	14~65	14~42	14~55	14~34	14~74	14~50	16~76	16~52			14~74	16~76	
34	14~83	14~59	14~70	14~49	14~55	14~41	14~81	14~57	16~83	16~59			14~81	16~83	
36	14~85	14~59	14~70	14~49	14~55	14~41	14~83	14~57	16~94	16~59			14~83	16~85	
38	15~85	15~59	15~70	15~49	15~55	15~41	15~83	15~57	17~95	17~59			15~83	17~85	
40	15~85	15~59	15~70	15~49	15~55	15~41	15~83	15~57	17~95	17~59			15~83	17~85	
42	16~85	16~67	16~70	16~57	16~55	16~49	16~83	16~65	18~95	18~67			16~83	18~85	
44	16~85	16~67	16~70	16~57	16~55	16~49	16~83	16~65	18~95	18~67			16~83	18~85	
46	16~85	16~67	16~70	16~57	16~55	16~49	16~83	16~65	18~95	18~67			16~83	18~85	
48	16~85	16~67	16~70	16~57	16~55	16~49	16~83	16~65	18~95	18~67			16~83	18~85	
50	16~85	16~67	16~70	16~57	16~55	16~49	16~83	16~65	18~95	18~67			16~83	18~85	
60	16~105	-	16~70	-	16~55	-	16~103	-	18~125	-			16~103	18~105	
72	16~105		16~70		16~55		16~103		18~125				16~103	18~105	