T 5

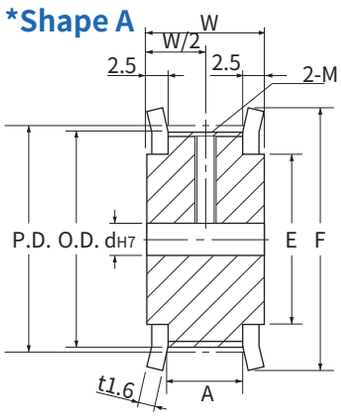
Light Load Conveyance, Regular Torque

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

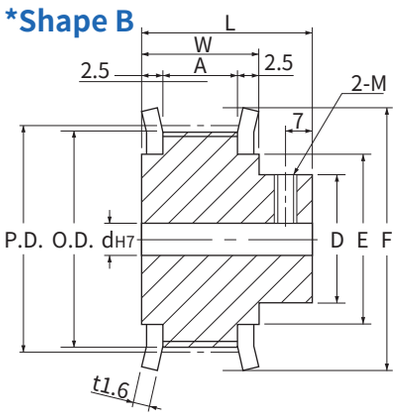
Teeth Type	-	Shape	-	Material	-	Surface Treatment	-	Belt Width	-	Number of teeth	-	Processing project of shaft hole
T5		A		AL		WA		10		12		H5
T5		B		CS		BK		20		30		F10 - Z12 - J2.0

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

*Shape A



*Shape B



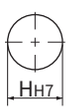
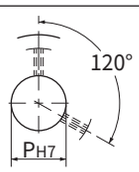
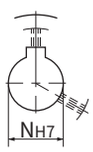
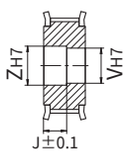
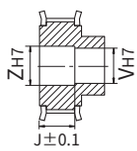
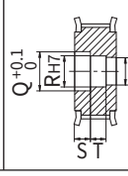
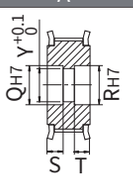
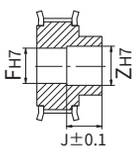
Material	Surface Treatment
Aluminum AL	white anode WA
	Black anode BA
	Hard anode HA
	Electroless nickel NE
S45C CS	-
	Black oxide BK
	Electroless nickel NE

*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	
10 ※A:11 ※W:16 ※L:28	A B	12	19.10	-	18.25	-	24	-	12	-	-
		14	22.28		21.45		26		16		14
		15	23.87		23.05		28		18		15
		16	25.46		24.60		32		20		17
		18	28.65		27.80		33		22		19
		20	31.83		31.00		36		24		
15 ※A:17 ※W:22 ※L:34		22	35.01		34.25		40		27		24
		24	38.20		37.40		45		30		27
		25	39.79		39.00						
		26	41.38		40.60		48		35		31
		28	44.56		43.75						32
20 ※A:22 ※W:27 ※L:39		30	47.75		46.95		52		36		33
		32	50.93		50.10		55		40		37
		34	54.11		53.25		61		45		40
		36	57.30		56.45						
25 ※W:32 ※L:44		40	63.66		62.85		67		50		47
		44	70.03		69.20		74		58		50
		48	76.39		75.55		83		63		60
		50	79.58		78.75		87		67		63
		60	95.49		94.65		99		80		75

Belt Width 10mm · 15mm · 20mm · 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	M3	M3X3
6~12	M4	M4X3
13~17	M5	M5X4
18~30	M6	M6X5
31~50	M8	M8X6

*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 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, 21~50

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

*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
12	5~8	-	5~8	-	8	-	5~6	-	7~8	-	2.0≤J ≤W-2.0	2.0≤J ≤L-2.0	5~6	7~8	3.0~14.0 S+T≤W-3
14	5~12	5~10	5~10	5~8	8・10・NK10	-	5~10	5~8	7~12	7~10			5~10	7~12	
15	5~14	5~11	5~10	5~8	8・10・NK10		5~12	5~9	7~14	7~11			5~12	7~14	
16	6~16	6~13	6~12	6~10	8~12	8	6~14	6~11	8~16	8~13			6~14	8~16	
18	6~18	6~15	6~12	6~11	8~12	8・10・NK10	6~16	6~13	8~18	8~15			6~16	8~18	
20	6~20	6~15	6~16	6~12	8~16	8・10・NK10	6~18	6~13	8~20	8~15			6~18	8~20	
22	7~23	7~20	7~18	7~15	8~18	8~12	7~21	7~18	9~23	9~20			7~21	9~23	
24	7~26	7~23	7~20	7~17	8~20	8~13	7~24	7~21	9~26	9~23			7~24	9~26	
25	7~26	7~23	7~20	7~18	8~20	8~15	7~24	7~21	9~26	9~23			7~24	9~26	
26	8~31	8~27	8~23	8~21	8~22	8~17	8~29	8~25	10~31	10~27			8~29	10~31	
28	8~31	8~28	8~24	8~22	8~24	8~18	8~29	8~26	10~31	10~28			8~29	10~31	
30	10~32	10~29	10~26	10~23	10~26	10~18	10~30	10~27	12~32	12~29			10~30	12~32	
32	10~36	10~33	10~28	10~27	10~28	10~22	10~34	10~31	12~36	12~33			10~34	12~36	
34	10~41	10~36	10~30	10~30	10~30	10~25	10~39	10~34	12~41	12~36			10~39	12~41	
36	10~41	10~36	10~30	10~30	10~30	10~25	10~39	10~34	12~41	12~36			10~39	12~41	
40	10~46	10~43	10~38	10~37	10~38	10~30	10~44	10~41	12~46	12~43			10~44	12~46	
44	12~54	12~46	12~42	12~40	12~40	12~32	12~52	12~44	14~54	14~46			12~52	14~54	
48	12~59	12~56	12~47	12~45	12~40	12~40	12~57	12~54	14~59	14~56			12~57	14~59	
50	12~63	12~59	12~50	12~47	12~45	12~45	12~61	12~57	14~63	14~59			12~61	14~63	
60	12~76	12~71	12~50	12~50	12~50	12~50	12~74	12~69	14~76	14~71			12~74	14~76	