T10

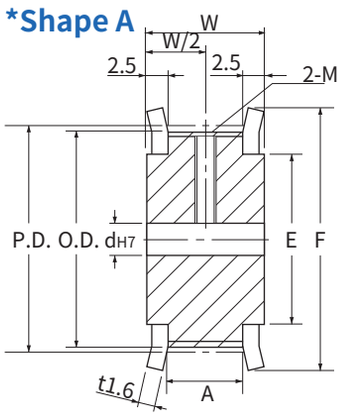
Light Load Conveyance, Regular Torque

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

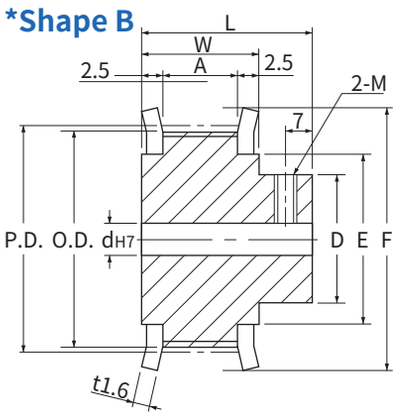
Teeth Type	-	Shape	-	Material	-	Surface Treatment	-	Belt Width	-	Number of teeth	-	Processing project of shaft hole
T10		A		AL		WA		15		20		H16
T10		B		CS		BK		20		30		F16 - Z18 - J2.0

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

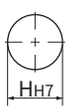
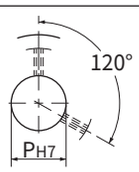
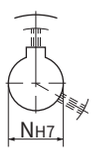
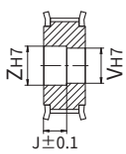
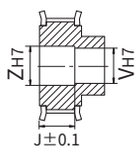
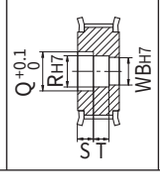
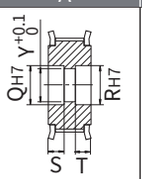
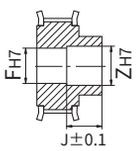
*Hard anode to a film's hardness of 300HV～.
*A small part of the processed area may not have a surface treatment.

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	
15 ※A:17 ※W:22 ※L:37	A B	12	38.20	-	36.35	-	40	-	27	-	-
		14	44.56		42.70		48		35		32
		15	47.75		45.90		52		36		33
20 ※A:22 ※W:27 ※L:42		16	50.93		49.05		58		40		37
		18	57.30		55.45		61		45		40
		20	63.66		61.80		67		50		47
25 ※A:27 ※W:32 ※L:47 (L:52)		22	70.03		68.15		80		60		50
		24	76.39		74.55		87		67		60
		25	79.58		77.70						63
		26	82.76		80.90						
30 ※A:32 ※W:37 ※L:52 (L:57)		28	89.13		87.25		95		75		70
		30	95.49		93.65		104		84		75
		32	101.86		100.00		111		90		85
40 ※A:43 ※W:48 ※L:61 (L:63)		34	108.23		106.40		115		95		90
		36	114.59		112.75		123		102		95
		40	127.32		125.45		135		115		100
		44	140.06		138.20		152		130		
50 ※A:53 ※W:58 ※L:70		48	152.79		150.95		160		140		
		50	159.15		157.30		170		150		
		60	190.99		189.10		200		175		

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

Belt Width 15mm · 20mm · 25mm · 30mm · 40mm · 50mm

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	B		
8~12	10~12	M4	M4X3
13~17	13~17	M5	M5X4
18~30	18~30	M6	M6X5
31~45	31~45	M8	M8X6
46~70	46~70	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 number of teeth is 34-50-60, t = 2.0 (for cutting flanges)

*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, 21～55

*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
12	8~23	-	8~18	-	8~18	-	8~21	-	10~23	-	3.0≤J≤W-.0	3.0≤J≤L-3.0	8~21	10~23	3.0~17.0 S+T≤W-3
14	10~31	10~28	10~26	10~22	10~26	10~20	10~29	10~26	12~31	12~28			10~29	12~31	
15	10~32	10~29	10~26	10~23	10~26	10~20	10~30	10~27	12~32	12~29			10~30	12~32	
16	12~36	12~33	12~30	12~27	12~30	12~22	12~34	12~31	14~36	14~33			12~34	14~36	
18	12~41	12~36	12~30	12~30	12~30	12~25	12~39	12~34	14~41	14~36			12~39	14~41	
20	12~46	12~43	12~40	12~35	12~40	12~29	12~44	12~41	14~46	14~43			12~44	14~46	
22	12~56	12~46	12~48	12~38	12~48	12~32	12~54	12~44	14~56	14~46			12~54	14~56	
24	12~63	12~56	12~50	12~46	12~50	12~40	12~61	12~54	14~63	14~56			12~61	14~63	
25	12~63	12~59	12~50	12~49	12~50	12~43	12~61	12~57	14~63	14~59			12~61	14~63	
26	12~63	12~59	12~50	12~56	12~50	12~43	12~61	12~57	14~63	14~59			12~61	14~63	
28	12~68	12~66	12~57	12~61	12~50	12~48	12~66	12~64	14~68	14~66			12~66	14~68	
30	12~76	12~71	12~65	20~65	12~55	12~50	12~74	12~69	14~76	14~71		-	12~74	14~76	
32	20~80	20~80	20~70	20~70	20~55	20~55	20~80	20~79	22~82	22~81			20~80	22~82	
34	20~80	20~84	20~70	20~70	20~55	20~55	20~80	20~82	22~92	22~86			20~80	22~92	
36	20~85	20~85	20~70	20~70	20~55	20~55	20~83	20~83	22~94	22~91			20~83	22~94	
40	20~85	20~85	20~70	20~70	20~55	20~55	20~83	20~83	22~95	22~95			20~83	22~95	
44	20~85	20~85	20~70	20~70	20~55	20~55	20~83	20~83	22~95	22~95			20~83	22~95	
48	20~85	20~85	20~70	20~70	20~55	20~55	20~83	20~83	22~95	22~95			20~83	22~95	
50	20~85	20~85	20~70	20~70	20~55	20~55	20~83	20~83	22~95	22~95			20~83	22~95	
60	20~85	20~85	20~70	20~70	20~55	20~55	20~83	20~83	22~95	22~95			20~83	22~95	