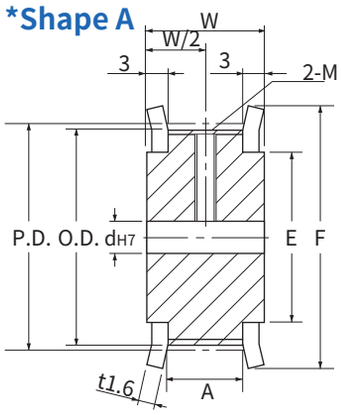
AT10 Heavy Load Conveyance

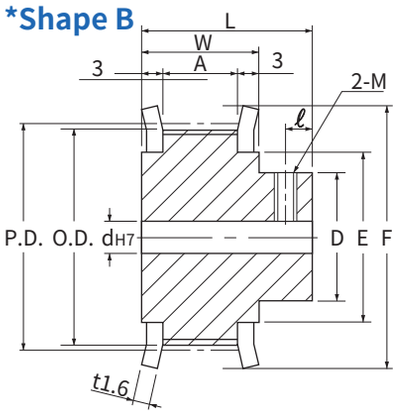
Ex Order.(For detailed ordering examples, please refer to page 04.)

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.
AT10		A		AL		WA		15		14		H10		
AT10		B		AL		BA		20		30		F12 - Z14 - J3.0		

*Shape A



*Shape B



Material	Surface Treatment
Aluminum AL	white anode WA
	Black anode BA
	Hard anode HA
	Electroless nickel NE

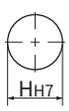
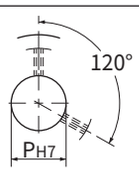
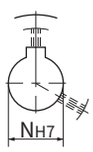
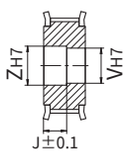
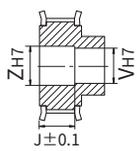
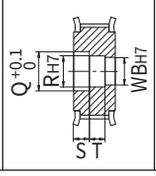
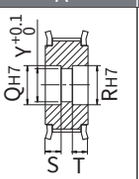
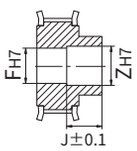
*Hard anode to a film's hardness of 300HV～.
*A small part of the processed area may not have a surface treatment.

Type			P.D.		O.D.		F		E		D	ℓ
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:16.5 ※W:22.5 ※L:38 (L:40)	A B	14	44.56		42.7		52		36		34	8
		15	47.75		45.9		58		40		35	
		16	50.93		49.05							
		18	57.3		55.45		61		45			
		20	63.66		61.8		67		50		40	
		22	70.03		68.15		80		60			
20 ※A:21.5 ※W:27.5 ※L:43 (L:45)		24	76.39		74.55		87		67		50	
		25	79.58		77.7							
		26	82.76		80.9							
		28	89.13		87.25		95		75		60	
		30	95.49		93.65		104		84			
25 ※A:26.5 ※W:32.5 ※L:48 (L:50)		32	101.86		100		111		90			
		36	114.59		112.75		123		102			
		40	127.32		125.45		135		115			
		44	140.06		138.2		152		130			
		48	152.79		150.95		160		140			

*When the belt width is 15, for teeth numbers 30 to 48, the length is 40.
*When the belt width is 20, for teeth numbers 30 to 48, the length is 45.
*When the belt width is 25, for teeth numbers 30 to 48, the length is 50.

Belt Width 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 A	Axis diameter B	2-M thick thread	Attachment Fixing Screws
5		M3	M3X3
6~12		M4	M4X3
13~17		M5	M5X4
18~30		M6	M6X5
31~45		M8	M8X6
46~55	-	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.

*The size of the tooth slot varies change with the number of teeth (AT10 Pitch: 10.0mm).

*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 50~54

*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, 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
14	10~32	10~30	10~26	10~24	10~26	10~18	10~30	10~28	12~32	12~30			10~30	12~32	
15	10~33	10~31	10~26	10~25	10~26	10~20	10~31	10~29	12~33	12~31			10~31	12~33	
16	12~36	12~31	12~30	12~25	12~30	12~20	12~34	12~29	14~36	14~31			12~34	14~36	
18	12~41	12~31	12~30	12~25	12~30	12~20	12~39	12~29	14~41	14~31			12~39	14~41	
20	12~46	12~36	12~40	12~30	12~40	12~25	12~44	12~34	14~46	14~36			12~44	14~46	
22	12~56	12~36	12~48	12~30	12~48	12~25	12~54	12~34	14~56	14~36			12~54	14~56	
24	12~63	12~46	12~50	12~38	12~50	12~32	12~61	12~44	14~63	14~46			12~61	14~63	
25	12~63	12~46	12~50	12~38	12~50	12~32	12~61	12~44	14~63	14~46	3.0≤J ≤W-3.0	3.0≤J ≤L-3.0	12~61	14~63	3.0~17.0
26	12~63	12~46	12~50	12~38	12~50	12~32	12~61	12~44	14~63	14~46			12~61	14~63	S+T≤W-3
28	12~68	12~55	12~57	12~45	12~55	12~40	12~66	12~53	14~68	14~55			12~66	14~68	
30	12~76	12~55	12~65	12~45	12~55	12~40	12~74	12~53	14~76	14~55			12~74	14~76	
32	20~80	20~55	20~70	20~45	20~55	20~40	20~80	20~53	22~82	20~55			20~80	22~82	
36	20~85	20~55	20~70	20~45	20~55	20~40	20~85	20~53	22~94	20~55			20~85	22~94	
40	20~85	20~55	20~70	20~45	20~55	20~40	20~85	20~53	22~95	20~55			20~85	22~95	
44	20~85	20~55	20~70	20~45	20~55	20~40	20~85	20~53	22~95	20~55			20~85	22~95	
48	20~85	20~55	20~70	20~45	20~55	20~40	20~85	20~53	22~95	20~55			20~85	22~95	