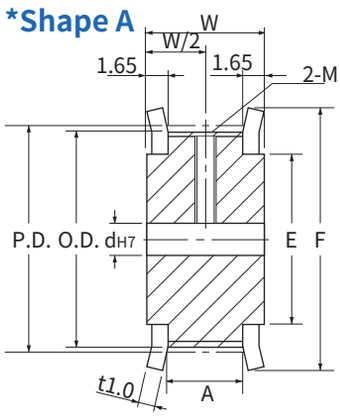
2 G T

High Accuracy Positioning

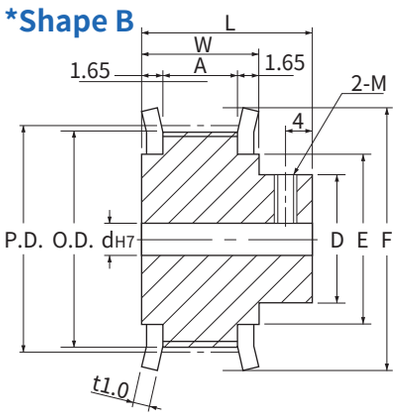
Ex Order.(For detailed ordering examples, please refer to page 04.)

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.
2GT		A		AL		WA		4		14		H3		
2GT		B		AL		WA		6		30		F5 - Z7 - J2.0		

*Shape A



*Shape B



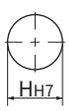
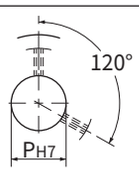
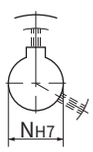
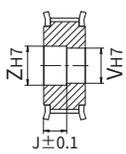
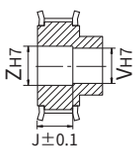
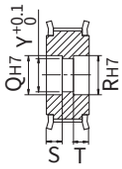
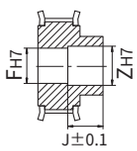
Material	Surface Treatment
Aluminum AL	white anode WA

*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	
4 ※A:5.0 ※W:8.3 ※L:16.0	A	14	8.91	-	8.40	-	13	-	6	-	-
		15	9.55		9.04		14		7		
		16	10.19		9.68		14		7		
		18	11.46		10.95		16		8		
		20	12.73		12.22		17		9		
		21	13.37		12.86		18		10		
6 ※A:7.0 ※W:10.3 ※L:16.0	A B	22	14.01		13.50		18		10		8
		24	15.28		14.77		20		12		10
		25	15.92		15.41						
		26	16.55		16.04		21				
		28	17.83		17.32		23		14		10
		30	19.10		18.59		24		15		11
		32	20.37		19.86		25		17		13
		34	21.65		21.14		27		18		14
		36	22.92		22.41						
9 ※A:10.0 ※W:13.3 ※L:21.0		38	24.19		23.68		29		20		16
		40	25.46		24.95		30		21		17
		44	28.01		27.50		32		23		19
		48	30.56		30.05		35		26		22
		50	31.83		31.32		36		27		22
		60	38.20		37.69		42		33		28

Belt Width 4mm · 6mm · 9mm

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) Keyway holes + tapping	V Neck hole		Y Both ends neck holes	F Neck hole (Hub Side Countersunk Hole)
			A	B	A	B
						

Accessory fixing screws for P, N-axis hole processing service.		
Axis diameter	2-M thick thread	Attachment Fixing Screws
5	M3	M3X3
6~22	M4	M4X3

*Flanges are installed. Set screws are included with P & N 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 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.

*For H, P, V the shaft hole diameter can be selected from 4.5, 6.35 as long as it is within the selection range; for A-shape only.

*For H, P, V, F the shaft hole diameter can be selected from 6.35 as long as it is within the selection range; for B-shape only.

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

*When the shaft hole specification is Y, the diameter of the shaft hole d is +0.1/0; only applicable to A-shape.

*When shaft hole diameter is Y,Z−F≥2; applicable to B-shape only.

Shaft hole specifications (specified unit: 1mm).

Number of teeth	H Round hole		P Round hole + tapping		N Keyway holes + tapping		V · F Neck hole						Y Both ends neck holes		
							V	V · F	Z		J (In units of 0.1mm.)		Y	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	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	3 · 4														
16	3 · 4														
18	4 · 4.5 · 5														
20	4 · 4.5 · 5 · 6														
21	4~6														
22	4~6	4					4	-	6	-	2.0~11.0 2.0≤J≤W-2.0	-	4	6	3.0~5.0 S+T≤W-3
24	5~8	5 · 6					5 · 6		7 · 8				5 · 6	7 · 8	
25	5~8	5~7					5 · 6		7 · 8				5 · 6	7 · 8	
26	5~8	5~8					5 · 6		7 · 8				5 · 6	7 · 8	
28	5~10	5~8					5~8		7~10				5~8	7~10	
30	5~11	5~8					5~9	5	7~11	7		2.0~19.0 2.0≤J≤L-2.0	5~9	7~11	
32	5~13	5~9	5~10	5 · 6			5~11	5~7	7~13	7~9			5~11	7~13	
34	6~14	6~10	6~10	6~8			6~12	6~8	8~14	8~10			6~12	8~14	
36	6~14	6~10	6~10	6~8			6~12	6~8	8~14	8~10			6~12	8~14	
38	6~16	6~12	6~10	6~8	8		6~14	6~10	8~16	8~12			6~14	8~16	
40	6~17	6~13	6~12	6~10	8 · 10		6~15	6~11	8~17	8~13			6~15	8~17	
44	6~19	6~15	6~13	6~12	8~11		8~17	6~13	8~19	8~15			6~17	8~19	
48	8~22	8~18	8~15	8~12	8~13	8	8~20	8~16	10~22	10~18			8~20	10~22	
50	8~23	8~18	8~16	8~12	8~14	8	8~21	8~16	10~23	10~18			8~21	10~23	
60	8~29	8~24	8~22	8~22	8~19	8~14	8~27	8~22	10~29	10~24			8~27	10~29	