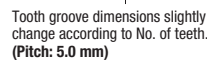


5GT Type

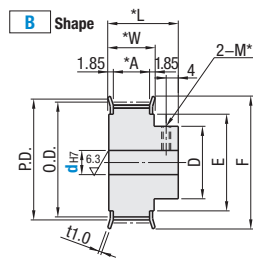
Timing Pulleys / Belts / Keyless Bushings



⚠ Flanges are installed. Set screws are included with P & N bore hole specification.



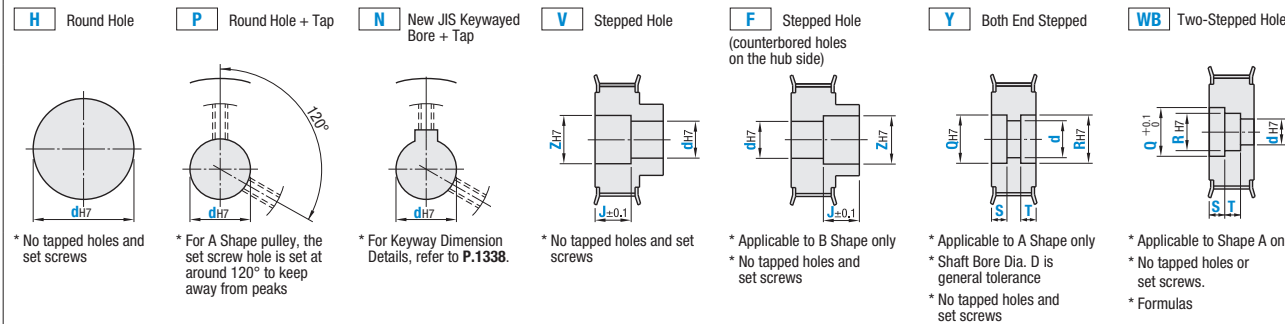
*For Shaft Bore Specifications H (Round Hole), V and F (Stepped Hole) and Y (Both Sides Stepped Hole), no tapped hole is machined



Tapped Hole Dimensions (Shaft Bores: P, N)


d_{H7} Shaft Bore Inner Dia.	M (Coarse)	Accessory Set Screw
6–12	M4	M4 x 3
13–30	M5	M5 x 4
31–45	M6	M6 x 5 (A Shape Only)

H Round Hole **P** Round Hole + Tap **N** New JIS Keywayed **V** Stepped Hole **F** Stepped Hole **Y** Both End Stepped **WB** Two-Stepped Hole



Part Number			Pulley Shape	Shaft Bore Specs	Shaft Bore Spec. (1 mm Increment)														P.D.	O.D.	D	F	E
		H			P		N		V / F				Y / WB										
Type	Teeth	Type Nom. Width			d _{H7}				d _{H7}		Z _{H7}		J (0.1 mm Inc.)	d	Q _{H7} / R _{H7}	S / T							
			A Shape	B Shape	A Shape	B Shape	A Shape	B Shape	A Shape	B Shape	A Shape	B Shape	A Shape / B Shape	A Shape	A Shape	A Shape							
2017 Aluminum Alloy GPA	14	GT5090 *A: 10.3 *W: 14.0 *L: 22.0	A	H	6-12	6-8	6-8	—	—	—	6-10	6	8 12	8	2-18	6-10	8-12	22.28	21.14	12	26	16	
	15				6-13	6-10	6-8	—	—	—	6-11	6 7	8-13	8 9		6-11	8-13	23.87	22.73	13	27	17	
	16				6-15	6-12	6-10	6-9	8	—	6-13	6-9	8-15	8-11		6-13	8-15	25.46	24.32	15	29	19	
	18				6-18	6-14	6-13	6-9	8 10	—	6-16	6-12	8-18	8-14		6-16	8-18	28.65	27.51	18	32	22	
	20				8-20	8-16	8-14	8-10	8-12	8	8-18	8-14	10-20	10-16		8-18	10-20	31.83	30.69	20	35	24	
1045 Carbon Steel or Equivalent GPT	22	GT5120 *A: 13.3 *W: 17.0 *L: 25.0		P	8-23	8-19	8-17	8-12	8-12	8	8-21	8-16	10-23	10-18	For A Shape 2.0≤J≤W-2.0	8-21	10-23	35.01	33.87	22	39	27	
	24				8-26	8-22	8-18	8-16	8-14	8 10	8-24	8-20	10-26	10-22		8-24	10-26	38.20	37.06	26	42	30	
	25				8-28	8-24	8-20	8-16	8-16	8-12	8-26	8-22	10-28	10-24		8-26	10-28	39.79	38.65	28	43	32	
	26				10-29	10-24	10-21	10-16	10-17	10-13	10-27	10-22	12-29	12-24		10-27	12-29	41.38	40.24	28	45	33	
	28				10-32	10-27	10-24	10-20	10-19	10-15	10-30	10-25	12-32	12-27		10-30	12-32	44.56	43.42	30	48	36	
1045 Carbon or Equivalent Steel+ Black Oxide GPM	30	GT5150 *A: 16.3 *W: 20.0 *L: 28.0	B	V	10-35	10-28	10-26	10-20	10-16	10-16	10-33	10-26	12-35	12-28	For B Shape 2.0≤J≤L-2.0	10-33	12-35	47.75	46.61	32	51	39	
	32				10-38	10-30	10-30	10-22	10-23	10-17	10-36	10-28	12-38	12-30		10-36	12-38	50.93	49.79	34	55	42	
	34				12-42	12-32	12-32	12-24	12-26	12-18	12-40	12-30	14-42	14-32		12-40	14-42	54.11	52.97	36	58	46	
	36				12-45	12-34	12-34	12-26	12-30	12-20	12-43	12-32	14-45	14-34		12-43	14-45	57.30	56.16	38	61	49	
	40				12-51	12-36	12-36	12-26	12-30	12-22	12-49	12-34	14-51	14-36		12-49	14-51	63.66	62.52	40	67	55	
	44			12-58	12-38	12-42	12-26	12-30	12-23	12-56	12-36	14-58	14-38	12-56	14-58	70.03	68.89	42	74	62			
	48			12-64	12-42	12-45	12-30	12-30	12-26	12-62	12-40	14-64	14-42	12-62	14-64	76.39	75.25	46	80	68			
	50			12-67	12-42	12-45	12-30	12-30	12-27	12-65	12-40	14-67	14-42	12-65	14-67	79.58	78.44	46	83	71			
60	12-83	12-44	12-45	12-30	12-30	12-20	12-81	12-46	14-83	14-48	12-81	14-83	95.49	94.35	52	99	80						


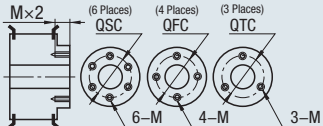
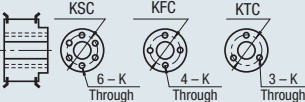
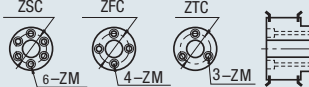
⚠ Z-d≥2 for shaft bore specification V and F. ⚠ Q(R)-d≥2 for shaft bore specification Y. ⚠ Shaft Bore Dia. 9 is not available for Shaft Bore specification N.
⚠ Shaft Bore Dia. 6.35 is selectable for Shaft Bore specifications H, P, V and F.

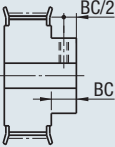

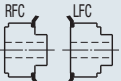
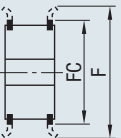
	Part Number Example	Part Number	-	Pulley Shape	-	Shaft Bore Spec. / Inner Dia.	-	Z	-	J	-	Q	-	R	-	S	-	T
	Shaft Bore: H / P / N	GPA20GT5090	-	A	-	N10												
	Shaft Bore: V / F	GPA36GT5120	-	B	-	V20			- Z22	- J10.0								T7
	Shaft Bore: Y	GPA40GT5150	-	A	-	Y25						- Q27	- R35	- S5				

5GT Type, *continued*

Part Number - Pulley Shape - Shaft Bore Spec. / Inner Dia. - Z - J - Q - R - S - T - (KC90 / QSC / QFC / QTC / KSC / KFC / KTC / BC / NFC / RFC / LFC / FC)

GPA20GT5090 - A - N10 - KC90

Alterations	Set Screw Angle	Side Tapped Hole	Side Through Holes	Side Counterbore Holes
Code	KC90	QSC / QFC / QTC	KSC-KTC-KFC	ZTC-ZFC-ZSC
Spec.	<p>Changes an angle of set screw to 90°.</p> <p>① For A shape pulley, the set screw hole is set at around 90° to keep away from peaks.</p> 	<p>Machines tapped hole on the side surface of hub side. (QSC, QFC, QTC: 0.5 mm Increment)</p> <p>① Thickness required: minimum 2mm</p> <p>A Shape: $d+M+4 \leq QSC(QFC / QTC) \leq E-(M+4)$</p> <p>B Shape: $d+M+4 \leq QSC(QFC / QTC) \leq D-(M+4)$</p> <p>① $d=Z$ when the Shaft Bore Specifications is V.</p> <p>① Specify KC90 when selecting QFC for Shaft Bore specifications P, PU, HU, N, and C.</p> <p>① The pilot hole for tapping may go through.</p> <p>② Not applicable to Shaft Bore Specifications F or Y.</p> <p>② When the Shaft Bore Specifications are P, PU, HU, N or C, QSC is not applicable.</p> <p>② Not applicable to K shape.</p> <p>M Selection: M3, M4, M5, M6, M8</p> <p>Ordering Code: QFC28-M4</p> 	<p>Machines through hole on the side surface of hub side.</p> <p>Ordering Code: KTC28-K4.5</p> <p>K, C Selection: Please specify the hole's manufacturing position (P.C.D.)</p> <p>K Specification: K4.0-11.0 (0.5mm increments)</p> <p>Application Notes</p> <p>⊗ Not available for K shape</p> 	<p>Machines countbore holes on the side surface of the hub side.</p> <p>Ordering Code: ZTC28-ZM4</p> <p>Z/C Selection: Please specify the hole's manufacturing position (P.C.D.)</p> <p>ZM Selection: ZM3, ZM4, ZM5, ZM6, ZM8</p> <p>Application Notes</p> <p>⊗ Not applicable for 1.5GT</p> <p>① Minimum thickness is 2mm</p> <p>① Conditions vary depending on the shaft hole specifications</p> 

Alterations	Hub Shortening	Flange Not Swaged	Flange Swaged on One Side	Flange Cut
Code	BC	NFC	RFC / LFC	FC
Spec.	<p>Cuts the hub length in 0.5mm increments Ordering Code: BC6.5 Application Notes ① Shaft Bore specification H, V, F: $3 \leq BC \leq L-W$ ① Shaft Bore specification P, N, C: $M+3 \leq BC \leq L-W$ ② Not available for K, A shape</p> 	<p>Flange is not installed. (Flange included)</p> 	<p>Flange installed on the hub side (RFC) or the opposite side (LFC) only. ① Same on A Shape</p> 	<p>Cuts the outer diameter of the flange in 0.5mm increments Ordering Code: FC17 Application Notes ① $FC \geq (O.D.) + 1$ ① $FC \leq F - 2$ ① No surface treatment applied on flange circumference.</p> 

Timing Pulleys / Belts / Keyless Bushings