

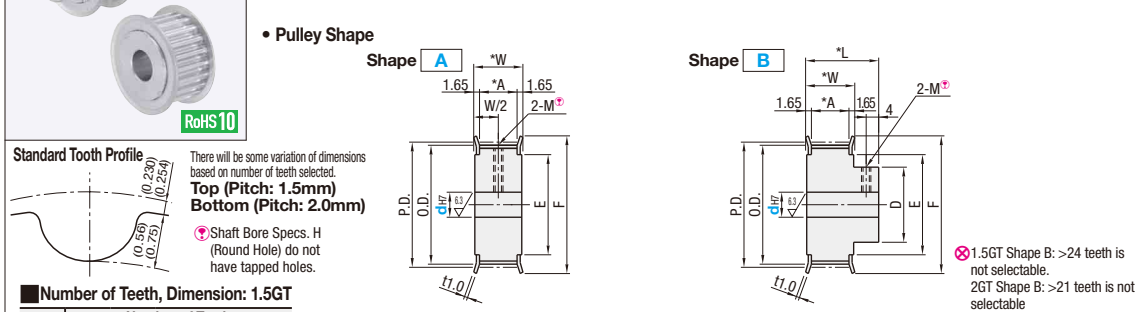
High Torque Timing Pulleys - 1.5GT, 2GT

Compatible with 1.5GT and 2GT Types from Gates Unitta Asia Company.

For 2GT High Torque Timing Belts, see **P.1459** and for 2GT Idlers with Teeth, see **1453**. For 1.5GT High Torque Timing Belts, see the VONA Site.

Type	Belt Width				Material		Surface Treatment	Accessories Set Screws
	4mm	6mm	9mm	12mm	Pulley	Flange		
GPA	GT15040	GT2040	GT2060	GT2090	A2000 Series Aluminum Alloy	Aluminum Alloy	Clear Anodize	304 Stainless Steel

Flange is installed, and set screws are included with Shaft Bores P and N.



Number of Teeth, Dimension: 1.5GT

mm	18	20	24	30	36
P.D.	8.59	9.55	11.46	14.32	17.19
O.D.	8.13	9.09	11.00	13.86	16.73
D	-	-	-	8	10
F	13	14	16	18	22
E	6	7	8	10	13

Belt Nominal Width / Dimension

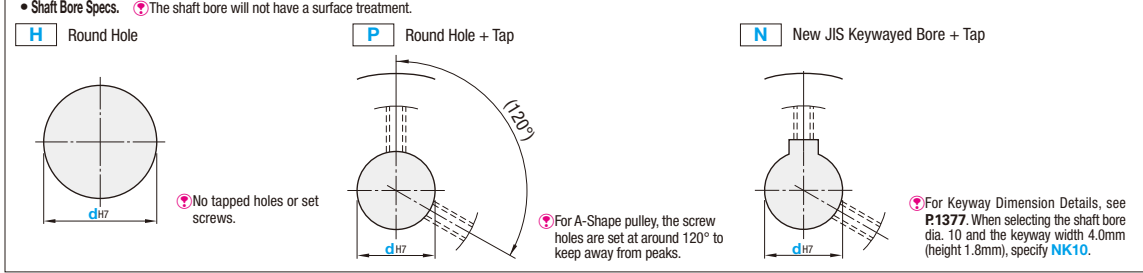
mm	GT15040	GT2040	GT2060	GT2090
A	5.0	5.0	7.0	10.0
W	8.3	8.3	10.3	13.3
L	16.0	16.0	18.0	21.0

Tapped Hole Dimensions (Shaft Bore Specs.: P, N)

dh7 Shaft Bore I.D.	M (Coarse)	Accessories Set Screws
5	M3	M3x3
6-22	M4	M4x3

Number of Teeth, Dimension: 2GT

mm	14	15	16	18	20	21	22	24	25	26	28	30	32	34	36	38	40	44	48	50	60
P.D.	8.91	9.55	10.19	11.46	12.73	13.37	14.01	15.28	15.92	16.55	17.83	19.10	20.37	21.65	22.92	24.19	25.46	28.01	30.56	31.83	38.20
O.D.	8.40	9.04	9.68	10.95	12.22	12.86	13.50	14.77	15.41	16.04	17.32	18.59	19.86	21.14	22.41	23.68	24.95	27.50	30.05	31.32	37.69
D	-	-	-	-	-	8	10	10	10	10	11	13	14	14	16	17	19	22	22	22	28
F	13	14	14	16	17	18	18	20	20	21	23	24	25	27	27	29	30	32	35	36	42
E	6	7	7	8	9	10	10	12	12	12	14	15	17	18	18	20	21	23	26	27	33



1.5GT

Type	Part Number	Number of Teeth	Type Nominal Width	Pulley Shape	Pulley Shape							
					A			B				
Aluminum GPA	GT15040	18	A	H Round Hole			P Round Hole + Tap			N: Keyway + Tap		
		20		3			3, 4			-		
		24		4, 5			5			-		
		30		4, 5, 6			5, 6			4		
		36		5, 6, 6.35, 7, 8			5, 6, 6.35, 7, 8			8		

2GT

Type	Part Number	Number of Teeth	Type Nominal Width	Pulley Shape	Pulley Shape							
					A			B				
Aluminum GPA	GT2040	14	A	H Round Hole			P Round Hole + Tap			N: Keyway + Tap		
		15		3			3, 4			-		
		16		3, 4			-			-		
		18		4, 5			-			-		
		20		4-6			-			-		
		21		4-6			-			-		
		22		4-6			4			-		
		24		5, 6, 6.35, 7			5			-		
		25		5, 6, 6.35, 7			5, 6, 6.35, 7			-		
		26		5, 6, 6.35, 7, 8			5, 6, 6.35, 7, 8			-		
		28		5, 6, 6.35, 7, 8			5, 6, 6.35, 7, 8			-		
		30		5, 6, 6.35, 7, 8			5, 6, 6.35, 7, 8			-		
		32		5, 6, 6.35, 7-10			5, 6, 6.35, 7-10			5, 6		
		34		6, 6.35, 7-10			6, 6.35, 7-10			6, 6.35, 7, 8		
		36		6, 6.35, 7-10			6, 6.35, 7-10			6, 6.35, 7, 8		
38	6, 6.35, 7-10			6, 6.35, 7-10			8					
40	6, 6.35, 7-12			6, 6.35, 7-12			8, 10, NK10					
44	6, 6.35, 7-15			6, 6.35, 7-13			8, 10, NK10, 11					
48	8-17			8-15			8-16					
50	8-17			8-16			8-12					
60	8-24			8-22			8, 10, NK10, 11-14					

Ordering Example: Part Number - Pulley Shape - Shaft Bore Specs., I.D. - Days to Ship

Example: GPA32GT2060 - A - H8

Price [Configure Online](#)

Number of Teeth	Body Price								Shaft Bore Machining Charge (Body Price +)			
	2000 Series Aluminum Alloy (Clear Anodize)											
	GT15040		GT2040		GT2060		GT2090		1.5GT		2GT	
	Shape A	Shape B	Shape A	Shape B	Shape A	Shape B	Shape A	Shape B	P Hole	N Hole	P Hole	N Hole
14												
15												
16												
18												
20												
21												
22												
24												
25												
26												
28												
30												
32												
34												
36												
38												
40												
44												
48												
50												

Alterations [Part Number](#) - Pulley Shape - Shaft Bore Specs., I.D. - (KC90...etc.)

Example: GPA32GT2060 - A - H8 - NFC

Alterations Code	Set Screw Angle	No Flange	Single Flange	Flange Cut	Hub Shortening
KC90	NFC	RFC, LFC	FC	BC	
Spec.	Changes an angle of set screw to 90°. For A-Shape pulley, the screw holes are set at around 90° to keep away from peaks.	(Flange 2 pcs. Included) NFC	(Flange 1 pc. Included) RFC, LFC	Cut the flange O.D. in 0.5mm increment. FC17	Cuts the hub length in 0.5mm increment. BC6.5

Alterations Code	Side Through Hole / Side Tapped Hole, 3 places	Side Through Hole / Side Tapped Hole, 4 places	Side Through Hole / Side Tapped Hole, 6 places
KTC, QTC	KFC, QFC	KSC, QSC	
Spec.	Machine Through Hole / Tapped Hole on the side surface of hub side. KTC20-K5.0, QTC28-M4, K4.0-K8.0 (0.5mm Increment), M3, M4, M5, M6, M8.	Machine Through Hole / Tapped Hole on the side surface of hub side. KFC20-K5.0, QFC28-M4, K4.0-K8.0 (0.5mm Increment), M3, M4, M5, M6, M8.	Machine Through Hole / Tapped Hole on the side surface of hub side. KSC20-K5.0, QSC28-M4, K4.0-K8.0 (0.5mm Increment), M3, M4, M5, M6, M8.

Performance Comparison between MXL and 2GT Belts

