

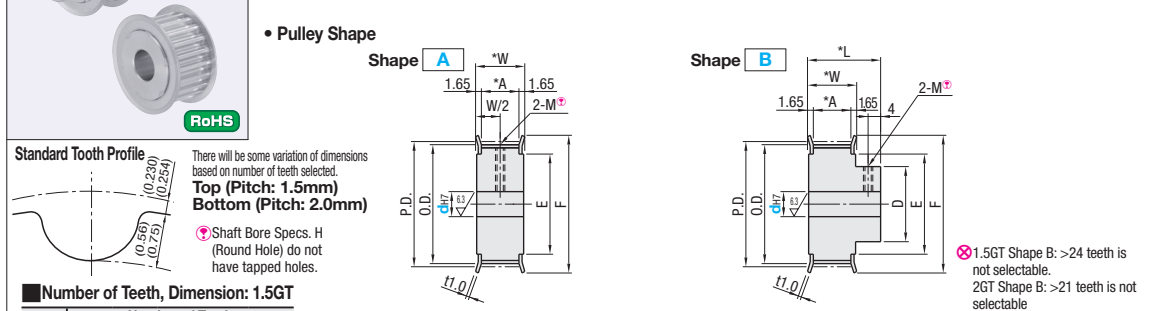
High Torque Timing Pulleys - 1.5GT, 2GT

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	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 Bore P and N.



Number of Teeth, Dimension: 1.5GT

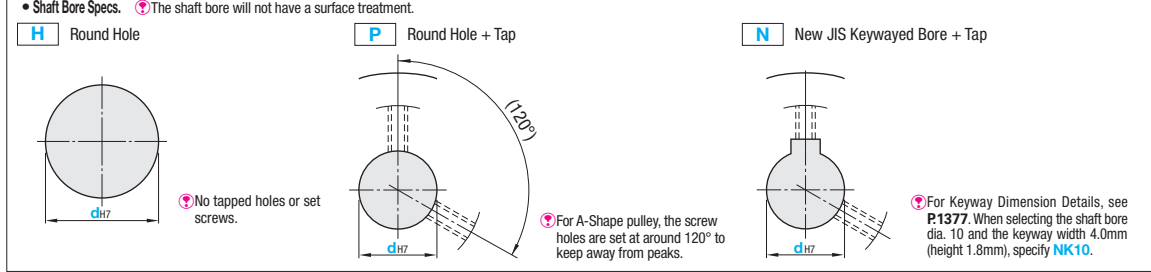
mm	18	20	24	30	36
P.D.	8.59	9.55	11.46	14.32	17.19
O.D.	8.13	9.09	11.00	13.86	16.73
D	-	-	-	8	10
F	13	14	16	18	22
E	6	7	8	10	13

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	14	16	17	19	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

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	14	16	17	19	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	Shaft Bore Specs. (Selection)			Shaft Bore Specs. (Selection)			
		20		H Round Hole	P Round Hole + Tap	N: Keyway + Tap	H Round Hole	P Round Hole + Tap	N: Keyway + Tap	
		24		3	3, 4	-	-	-	-	
		30		4, 5	5	-	-	-	-	
		36		4, 5, 6	5, 6	-	4	5, 6	-	
Aluminum GPA	GT2040	14	A	Shaft Bore Specifications (-): Specify in 1mm Increment, (:): Select the former or latter			Shaft Bore Specifications (-): Specify in 1mm Increment, (:): Select the former or latter			
		15		H Round Hole	P Round Hole + Tap	N: Keyway + Tap	H Round Hole	P Round Hole + Tap	N: Keyway + Tap	
		16		3	3, 4	-	-	-	-	
		18		3, 4	4, 5	-	-	-	-	
		20		4, 5	5	-	4	5, 6	-	
		21		4-6	4-6	-	-	-	-	
		22		4-6	4-6	-	4	5, 6, 6.35, 7, 8	-	
		24		5, 6, 6.35, 7	5, 6, 6.35, 7	-	5	5, 6, 6.35, 7, 8	-	
		25		5, 6, 6.35, 7	5, 6, 6.35, 7	-	5, 6, 6.35, 7, 8	5, 6, 6.35, 7, 8	-	
		26		5, 6, 6.35, 7, 8	5, 6, 6.35, 7, 8	-	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	-	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	-	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, 6.35, 7, 8	5, 6	-	
		34		6, 6.35, 7-10	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, 7-10	6, 6.35, 7, 8	-	
38	6, 6.35, 7-10	6, 6.35, 7-10	-	6, 6.35, 7-10	6, 6.35, 7, 8	-				
40	6, 6.35, 7-10	6, 6.35, 7-10	-	6, 6.35, 7-10	6, 6.35, 7, 8	-				
44	6, 6.35, 7-15	6, 6.35, 7-15	-	6, 6.35, 7-15	6, 6.35, 7-15	-				
48	8-17	8-15	8, 10, NK10	8-16	8-12	8				
50	8-17	8-16	8, 10, NK10, 11-13	8-16	8-12	8				
60	8-24	8-22	8, 10, NK10, 11-19	8-24	8-22	8, 10, NK10, 11-14				

2GT

Type	Part Number	Number of Teeth	Type Nominal Width	Pulley Shape	Pulley Shape					
					A			B		
Aluminum GPA	GT2040	14	A	Shaft Bore Specifications (-): Specify in 1mm Increment, (:): Select the former or latter			Shaft Bore Specifications (-): Specify in 1mm Increment, (:): Select the former or latter			
		15		H Round Hole	P Round Hole + Tap	N: Keyway + Tap	H Round Hole	P Round Hole + Tap	N: Keyway + Tap	
		16		3	3, 4	-	-	-	-	
		18		3, 4	4, 5	-	-	-	-	
		20		4, 5	5	-	4	5, 6	-	
		21		4-6	4-6	-	-	-	-	
		22		4-6	4-6	-	4	5, 6, 6.35, 7, 8	-	
		24		5, 6, 6.35, 7	5, 6, 6.35, 7	-	5	5, 6, 6.35, 7, 8	-	
		25		5, 6, 6.35, 7	5, 6, 6.35, 7	-	5, 6, 6.35, 7, 8	5, 6, 6.35, 7, 8	-	
		26		5, 6, 6.35, 7, 8	5, 6, 6.35, 7, 8	-	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	-	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	-	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, 6.35, 7, 8	5, 6	-	
		34		6, 6.35, 7-10	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, 7-10	6, 6.35, 7, 8	-	
		38		6, 6.35, 7-10	6, 6.35, 7-10	-	6, 6.35, 7-10	6, 6.35, 7, 8	-	
		40		6, 6.35, 7-10	6, 6.35, 7-10	-	6, 6.35, 7-10	6, 6.35, 7, 8	-	
		44		6, 6.35, 7-15	6, 6.35, 7-15	-	6, 6.35, 7-15	6, 6.35, 7-15	-	
		48		8-17	8-15	8, 10, NK10	8-16	8-12	8	
		50		8-17	8-16	8, 10, NK10, 11-14	8-16	8-12	8	
		60		8-24	8-22	8, 10, NK10, 11-19	8-24	8-22	8, 10, NK10, 11-14	

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												
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Alterations [Part Number](#) - Pulley Shape - Shaft Bore Specs., I.D. - (KC90--etc.)
 GPA32GT2060 - A - H8 - NFC

Alterations	Set Screw Angle	No Flange	Single Flange	Flange Cut	Hub Shortening
Code	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 Application Notes: FC>(O.D.)+1 FC<F-2 No surface treatment is applied on flange circumference.	Cuts the hub length in 0.5mm increment. BC6.5 Application Notes: Shaft Bore Specs. H: 3<BC<L-W Shaft Bore Specs. P, N: M+3<BC<L-W Not available for Shape A.

Alterations	Side Through Hole / Side Tapped Hole, 3 places	Side Through Hole / Side Tapped Hole, 4 places	Side Through Hole / Side Tapped Hole, 6 places
Code	KTC, QTC	KFC, QFC	KSC, QSC
Spec.	Machine Through Hole / Tapped Hole on the side surface of hub side KTC20-K5.0 QTC28-M4 Selection (Through Hole) K Selection K4.0-K8.0 (0.5mm Increment) Selection (Tapped Hole) M Selection M3, M4, M5, M6, M8 Application Notes: Specify KC90 when selecting KFC/QFC for Shaft Bore Specs. P, N and C. Side holes and tooth side tapped holes might interfere with each other. For details, see the relevant CAD data. Not available for 1.5GT	Machine Through Hole / Tapped Hole on the side surface of hub side KFC20-K5.0 QFC28-M4 Selection (Through Hole) K Selection K4.0-K8.0 (0.5mm Increment) Selection (Tapped Hole) M Selection M3, M4, M5, M6, M8 Application Notes: Specify KC90 when selecting KFC/QFC for Shaft Bore Specs. P, N and C. Side holes and tooth side tapped holes might interfere with each other. For details, see the relevant CAD data. Not available for 1.5GT	Machine Through Hole / Tapped Hole on the side surface of hub side KSC20-K5.0 QSC28-M4 Selection (Through Hole) K Selection K4.0-K8.0 (0.5mm Increment) Selection (Tapped Hole) M Selection M3, M4, M5, M6, M8 Application Notes: KSC/QSC is not applicable to the Shaft Bore Specs. P and N. Not available for 1.5GT

Performance Comparison between MXL and 2GT Belts

