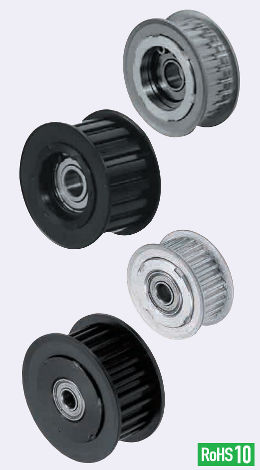
Flanged Idlers with Teeth

P2M, P3M, P5M, P8M / 2GT, 3GT, 5GT, 8YU

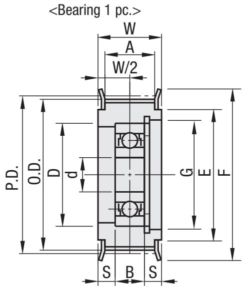
The Shaft Bore Specs. Y can also be selected for Idler use. P.1381~1387, P.1409~1413
Idler shafts (cantilever shafts) are selectable from P.881~906.



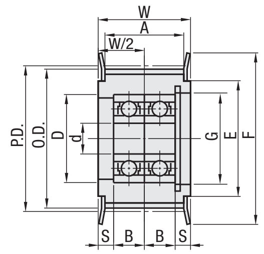
Type				Material			Surface Treatment
P2M, P3M, P5M, P8M		2GT, 3GT, 5GT, 8YU					
Center Bearing	Both Sides Bearing	Center Bearing	Both Sides Bearing	Main Body	Flange	Bearing	
APTF	APTFW	AGTF	AGTFW	(*1) Aluminum Alloy	A5052	Steel	Clear Anodize
-	KPTFW	-	-				Hard Clear Anodize *
BPTF	BPTFW	BGTF	BGTFW	S45C Equivalent	SPCC		Black Oxide

*Hard Clear Anodize: Film Hardness 300HV ~
*Bearing Accuracy: JIS B1514 Class 0 (before press-fitting)
Bearings are press-fitted.
(*1)Body material of P8M is A7075.

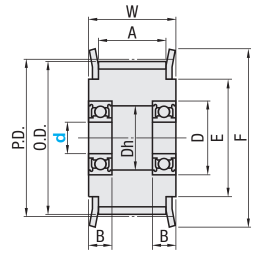
• Center Bearing
<Bearing 1 pc.>



<Bearing 2 pcs.>



• Both Sides Bearing



P2M, P3M, P5M, P8M (Center Bearing)

Part Number			Shaft Dia.	P.D.	O.D.	F		E		A	W	S	Bearing Dimensions			Unit Price	
Type	Number of Teeth	Applicable Belt	d			APTF	BPTF	APTF	BPTF				No.	D	B	APTF	BPTF
APTF BPTF	40	P2M060	6	25.46	24.96	32	-	23	-	7.5	11.5	3.25	696ZZx1	15	5		-
	30	P3M100	6	28.65	27.89	35	35	25	25	12	16	5	626ZZx1	19	6		
		P3M150								17	21	4.5	626ZZx2				
	20	P5M100	8	31.83	30.69	35	-	25	-	11.6	16	5	698ZZx1	19	6		-
		P5M150								16.6	21	4.5	698ZZx2				-
	28	P5M100	10	44.56	43.42	50	50	38	38	11.6	16	3.5	6200ZZx1	30	9		
		P5M150								16.6	21	6					
	20	P8M150	12	50.93	49.56	55	-	40	-	16.8	22	6	6201ZZx1	32	10		-
		P8M250	15							27.8	33	5.5	6202ZZx2	35	11		-
	24	P8M250	12	61.12	59.74	67	-	50	-	27.8	33	6.5	6201ZZx2	32	10		-
	30	P8M150	15	76.39	75.02	83	83	63	63	16.8	22	5.5	6202ZZx1	35	11		
		P8M250								27.8	33	5.5	6202ZZx2				

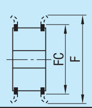
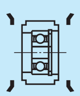
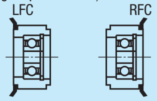
Radial G dimensions of the opening on the hub side are the same as D dimensions.

P5M, P8M (Both Sides Bearing)

Part Number			Shaft Dia.	P.D.	O.D.	F		E		A	W	Dh	Bearing Dimensions			Unit Price		
Type	Number of Teeth	Applicable Belt	d			APTFW KPTFW	BPTFW	APTFW KPTFW	BPTFW				No.	D	B	APTFW	KPTFW	BPTFW
APTFW KPTFW BPTFW	25	P5M100	6	39.79	38.65	-	44	-	32	11.6	16	13	696ZZx2	15	5	-	-	
		P5M150								16.6	21					-	-	
		P5M100	8			44		32		11.6	16	16.5	698ZZx2	19	6			
		P5M150								16.6	21							
	28	P5M100	10	44.56	43.42	50	50	38	38	11.6	16	19.5	6900ZZx2	22	6			
		P5M150								16.6	21							
	30	P5M150	12	47.75	46.60	-	55	-	40	16.6	21	24	6001ZZx2	28	8	-	-	
	36	P5M150	15	57.30	56.15	-	67	-	50	16.6	21	28	6002ZZx2	32	9	-	-	
	26	P8M150	12	66.21	64.84	74	74	58	58	16.8	22	24	6001ZZx2	28	8			
		P8M250								27.8	33							
	30	P8M150	15	76.39	75.02	83	83	63	63	16.8	22	28	6002ZZx2	32	9			
		P8M250								27.8	33							
		P8M250	20							27.8	33	36	6004ZZx2	42	12			

Alterations

Part Number - (FC, NFC, LFC, RFC)
APTF30P8M250 - NFC

Alterations	Flange Cut	Flange Not Swaged	Flange Swaged on One Side
Code	FC	NFC	LFC, RFC
Spec.	Lowers flange by cutting. FC: 0.5mm Increment FC≥(O. D.)+1 FC≤F-2 Ordering Code FC35 	Flange is not installed. (Flange Included) 	Flange installed by swaging only on either hub side (RFC) or the opposite side (LFC) at the time of shipment. (Flange 1 pc. Included) LFC RFC 

2GT, 3GT, 5GT, 8YU (Center Bearing)

Part Number			Shaft Dia.	P.D.	O.D.	F	E	A	W	S	Bearing Dimensions				Unit Price 1 ~ 9 pc(s).	
Type	Number of Teeth	Applicable Belt	d								No.	D	B	G	AGTF	BGTF
AGTF BGTF	40	GT2060	6	25.46	24.96	30	21	7.0	10.3	2.15	606ZZx1	17	6	17		-
		GT2090	6				21	10.0	13.3	3.65	606ZZx1	17	6	17		-
	30	GT3060	6	28.65	27.89	32	23	7.3	11.0	2.50	606ZZx1	17	6	17		-
		GT3090	6				23	10.3	14.0	4.00	606ZZx1	17	6	17		-
	20	GT5090	8	31.83	30.69	35	24	10.3	14.0	4.00	698ZZx1	19	6	19		
		GT5120	8				24	13.3	17.0	5.50	698ZZx1	19	6	19		
	24	GT5090	10	38.20	37.06	42	30	10.3	14.0	4.50	6800ZZx1	19	5	20		
		GT5120	10				30	13.3	17.0	3.50	6800ZZx2	19	5	20		
	28	GT5090	10	44.56	43.42	48	36	10.3	14.0	4.50	6800ZZx1	19	5	20		
		GT5120	10				36	13.3	17.0	6.00	6800ZZx1	19	5	20		
	30	GT5090	12	47.75	46.61	51	39	10.3	14.0	4.50	6801ZZx1	21	5	22		
		GT5120	12				39	13.3	17.0	6.00	6801ZZx1	21	5	22		
	20	YU8150	20	50.93	49.56	62	40	16.7	23.0	8.00	6804ZZx1	32	7	34		
		YU8200	20				40	21.7	28.0	7.00	6804ZZx2	32	7	34		
	30	YU8150	25	76.39	75.02	85	64	16.7	23.0	8.00	6805ZZx1	37	7	38		
		YU8200	25				64	21.7	28.0	7.00	6805ZZx2	37	7	38		
		YU8250	25				64	26.7	33.0	9.50	6805ZZx2	37	7	38		

For orders larger than indicated quantity, please request a quotation.

2GT, 3GT, 5GT, 8YU (Both Sides Bearing)

Part Number			Shaft Dia.	P.D.	O.D.	F	E	A	W	Dh	Bearing Dimensions			Unit Price 1 ~ 9 pc(s).	
Type	Number of Teeth	Applicable Belt	d								No.	D	B	AGTFW	BGTFW
AGTFW BGTFW	30	GT2040	5	19.10	18.59	24	15	5.0	8.3	7	675ZZx2	8	2.5		-
		GT2060	5				15	7.0	10.3	7	675ZZx2	8	2.5		-
		GT2090	5				15	10.0	13.3	7	675ZZx2	8	2.5		-
	20	GT3090	5	19.10	18.34	23	14	10.3	14.0	7	675ZZx2	8	2.5		-
		GT3150	5				14	16.3	20.0	7	675ZZx2	8	2.5		-
	24	GT3090	6	22.92	22.16	26	18	10.3	14.0	9	676ZZx2	10	3		-
		GT3150	6				18	16.3	20.0	9	676ZZx2	10	3		-
	30	GT3090	8	28.65	27.89	32	23	10.3	14.0	11	678ZZx2	12	3.5		-
		GT3150	8				23	16.3	20.0	11	678ZZx2	12	3.5		-
	20	GT5120	8	31.83	30.69	35	24	13.3	17.0	11	678ZZx2	12	3.5		
		GT5150	8				24	16.3	20.0	11	678ZZx2	12	3.5		
	30	GT5120	8	47.75	46.61	51	39	13.3	17.0	11	678ZZx2	12	3.5		
		GT5150	12				39	16.3	20.0	18.5	6801ZZx2	21	5		
	32	GT5120	12	50.93	49.79	55	42	13.3	17.0	18.5	6801ZZx2	21	5		
		GT5150	12				42	16.3	20.0	18.5	6801ZZx2	21	5		
	36	GT5120	15	57.30	56.16	61	49	13.3	17.0	21.5	6802ZZx2	24	5		
		GT5150	15				49	16.3	20.0	21.5	6802ZZx2	24	5		
	30	YU8200	25	76.39	75.02	85	64	21.7	28.0	34.5	6805ZZx2	37	7		
		YU8250	25				64	26.7	33.0	34.5	6805ZZx2	37	7		

For orders larger than indicated quantity, please request a quotation.

Ordering Example

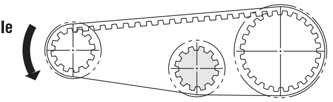
• Center Bearing

Part Number		
Type	Number of Teeth	Applicable Belt
APTF	20	P5M100
AGTF	30	GT5090

• Both Sides Bearing

Part Number				
Type	Number of Teeth	Applicable Belt	-	d
APTFW	25	P5M150	-	6
AGTFW	20	GT3090	-	4

Example



Be sure to use the idler on the loose side.
Install the idler as close as possible to the larger pulley.