

Flanged Idlers with Teeth

L, H

The shaft bore specifications for the Timing Pulleys is applicable to the Idlers. P.1393, 1395 Idler shafts (cantilever shafts) are selectable from P.881~906. Tensioners can be selected from P.1555, P.1556.

Type	Material	Surface Treatment
Center Bearing	Main Body: Aluminum Alloy 7000 series Flange: Aluminum Alloy 5000 series	Steel
Both Sides Bearing	Main Body: Aluminum Alloy 7000 series Flange: Aluminum Alloy 5000 series	Steel
AATF		Clear Anodize
AATFW		Hard Clear Anodize *
BATF		Black Oxide
MATF		Electroless Nickel Plating

* Hard Clear Anodize: Film Hardness 300HV ~

• Center Bearing
<Bearing 1 pc.>

• Both Sides Bearing
<Bearing 2 pcs.>

RoHS10 Bearings are press-fitted. * Bearing Accuracy: JIS B1514 Class 0 (before press-fitting)

L (Center Bearing)

Type	Part Number		Shaft Dia. d	P.D.	O.D.	F	E	A	W	S	Bearing Dimensions			Unit Price		
	Number of Teeth	Applicable Belt									No.	D	B	AATF	BATF	MATF
AATF BATF MATF	16	L050	10	48.51	47.75	55	40	14	19	5	6200ZZx1	30	9			
		21						26	8.5							
		27						32	6							
	18	L075	12	54.57	53.81	61	45	14	19	4.5	6201ZZx1	32	10			
		21						26	8							
		27						32	6							
	20	L050	12	60.64	59.88	67	50	14	19	4.5	6201ZZx1	32	10			
		21						26	8							
		27						32	6							
	22	L075	15	66.70	65.94	80	60	14	19	4	6202ZZx1	35	11			
		21						26	8							
		27						32	6							
30	L050	15	90.96	90.20	99	80	14	19	4	6202ZZx1	35	11				
	21						26	8								
	27						32	6								

L (Both Sides Bearing)

Type	Part Number		Shaft Dia. d	P.D.	O.D.	F	E	A	W	Dh	Bearing Dimensions			Unit Price		
	Number of Teeth	Applicable Belt									No.	D	B	AATFW	AKTFW	BATFW
AATFW BATFW MATFW	14	L050	8	42.45	41.68	48	35	14	19	16.5	698ZZx2	19	6			
		21						26								
		27						32								
	15	L075	8	45.48	44.72	48	35	14	19	16.5	698ZZx2	19	6			
		21						26								
		27						32								
	16	L100	8	48.51	47.75	55	40	14	19	16.5	698ZZx2	19	6			
		21						26								
		27						32								
	16	L150	10	48.51	47.75	55	40	14	19	19.5	6900ZZx2	22	6			
		21						26								
		27						32								
18	L050	12	54.57	53.81	61	45	14	19	25	6001ZZx2	28	8				
	21						26									
	27						32									
20	L075	15	60.64	59.88	67	50	14	19	29	6002ZZx2	32	9				
	21						26									
	27						32									
22	L100	20	66.70	65.94	80	60	14	19	37	6004ZZx2	42	12				
	21						26									
	27						32									
30	L150	20	90.96	90.20	99	80	14	19	22	6901ZZx2	24	6				
	21						26									
	27						32									

Ordering Example

Center Bearing: Part Number AATF 22 L050

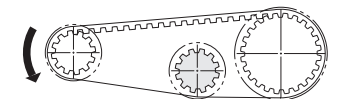
Both Sides Bearing: Part Number BATFW 20 L100 15

H (Center Bearing)

Type	Part Number		Shaft Dia. d	P.D.	O.D.	F	E	A	W	S	Bearing Dimensions			Unit Price		
	Number of Teeth	Applicable Belt									No.	D	B	AATF	BATF	MATF
AATF BATF MATF	14	H075	12	56.60	55.22	61	45	21	26	3	6201ZZx2	32	10			
		H100						27	32	6						
		H150						40	45	11.5						
	16	H075	12	64.68	63.31	70	56	21	26	3	6201ZZx2	32	10			
		H100						27	32	6						
		H150						40	45	11.5						
	18	H075	15	72.77	71.39	80	60	21	26	4	6002ZZx2	32	9			
		H100						27	32	6						
		H150						40	45	11.5						
	20	H075	15	80.85	79.48	87	67	21	26	4	6002ZZx2	32	9			
		H100						27	32	6						
		H150						40	45	11.5						
22	H075	15	88.94	87.56	95	75	21	26	4	6002ZZx2	32	9				
	H100						27	32	6							
	H150						40	45	11.5							
24	H075	15	97.02	95.65	104	84	21	26	4	6002ZZx2	32	9				
	H100						27	32	6							
	H150						40	45	11.5							
25	H075	15	101.06	99.69	111	90	21	26	4	6002ZZx2	32	9				
	H100						27	32	6							
	H150						40	45	11.5							
28	H075	15	113.19	111.82	123	102	21	26	4	6002ZZx2	32	9				
	H100						27	32	6							
	H150						40	45	11.5							

H (Both Sides Bearing)

Type	Part Number		Shaft Dia. d	P.D.	O.D.	F	E	A	W	Dh	Bearing Dimensions			Unit Price			
	Number of Teeth	Applicable Belt									No.	D	B	AATFW	AKTFW	BATFW	MATFW
AATFW AKTFW BATFW MATFW	14	H075	12	56.60	55.22	61	45	21	26	27	6201ZZx2	32	10				
		H100						27	32	6							
		H150						40	45	11.5							
	15	H075	12	60.64	59.27	67	50	21	26	27	6201ZZx2	32	10				
		H100						27	32	6							
		H150						40	45	11.5							
	16	H075	15	64.68	63.31	70	56	21	26	27	6201ZZx2	32	10				
		H100						27	32	6							
		H150						40	45	11.5							
	16	H200	15	64.68	63.31	70	56	21	26	27	6201ZZx2	32	10				
		H075						27	32	6							
		H100						40	45	11.5							
18	H100	20	72.77	71.39	80	60	27	32	37	6004ZZx2	42	12					
	H150						40	45	11.5								
	H200						54	59	18.5								
20	H100	20	80.85	79.48	87	67	27	32	37	6004ZZx2	42	12					
	H150						40	45	11.5								
	H200						54	59	18.5								
22	H100	20	88.94	87.56	95	75	27	32	37	6004ZZx2	42	12					
	H150						40	45	11.5								
	H200						54	59	18.5								
24	H100	25	97.02	95.65	104	84	27	32	37	6004ZZx2	42	12					
	H150						40	45	11.5								
	H200						54	59	18.5								
25	H100	25	101.06	99.69	111	90	27	32	37	6004ZZx2	42	12					
	H150						40	45	11.5								
	H200						54	59	18.5								
28	H100	25	113.19	111.82	123	102	27	32	37	6004ZZx2	42	12					
	H150						40	45	11.5								
	H200						54	59	18.5								



Driving Pulley Flanged Idlers with Teeth Driven Pulley

Alterations Part Number - (FC, NFC, LFC, RFC)
AATF20L100 - FC65

Alteration Code	Flange Cut	Flange Not Swaged	Flange Swaged on One Side
	FC	NFC	LFC, RFC
Spec.	<p>Low flange by cutting. FC: 0.5mm Increment</p> <p>No surface treatment is applied on flange circumference. FC_z=(O. D.)+1 FC_sF-2 (Ordering Code) FC65</p>	<p>Flange is not installed. (Flange Included)</p>	<p>Flange installed by swaging only on either hub side (RFC) or the opposite side (LFC) at the time of shipment. (Flange 1 pc. Included)</p>

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