


Flanged Idlers with Teeth

L, H

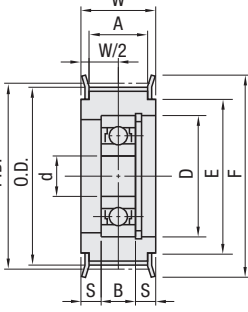
The shaft bore specifications for the Timing Pulleys is applicable to the Idlers. P.1393, 1395 Idler shafts (cantilever shafts) are selectable from P.881~906. Tensioners can be selected from P.1555, P.1556.



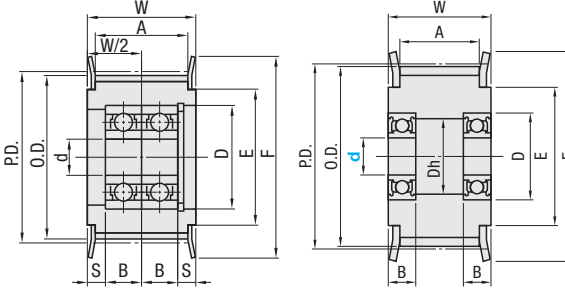
Type	Material	Surface Treatment
Center Bearing	Main Body: A7075, Flange: A5052	Steel
Both Sides Bearing	Main Body: S45C, Flange: SPCC	Steel
		Clear Anodize Hard Clear Anodize* Black Oxide Electroless Nickel Plating

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

L (Both Sides Bearing)

Type	Part Number	Number of Teeth	Applicable Belt	Shaft Dia. d	P.D.	O.D.	F	E	A	W	Dh	Bearing Dimensions			Unit Price		
												No.	D	B	AATFW	AKTFW	BATFW
AATFW BATFW MATFW	14	L050	8	42.45	41.68	48	35	14	19	5	16.5	698ZZx2	19	6			
	15	L075	8	45.48	44.72	48	35	21	26	8	6201ZZx2	32	10				
	16	L075	8	48.51	47.75	55	40	21	26	8	6201ZZx2	32	10				
	16	L050	10	48.51	47.75	55	40	14	19	5	6200ZZx1	30	9				
	18	L075	12	54.57	53.81	61	45	21	26	8	6201ZZx1	32	10				
	20	L075	12	60.64	59.88	67	50	21	26	8	6201ZZx1	32	10				
22	L100	20	66.70	65.94	80	60	27	32	6	6201ZZx2	32	10					
30	L050	12	90.96	90.20	99	80	14	19	4	6202ZZx1	35	11					

Ordering Example

Center Bearing: Part Number AATF 22 L050

Both Sides Bearing: Part Number BATFW 20 L100 15

H (Center Bearing)

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

H (Both Sides Bearing)



Type	Part Number	Number of Teeth	Applicable Belt	Shaft Dia. d	P.D.	O.D.	F	E	A	W	Dh	Bearing Dimensions			Unit Price			
												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					
	15	H100	12	60.64	59.27	67	50	21	26	3	6201ZZx2	32	10					
	16	H150	15	64.68	63.31	70	56	21	26	4	6001ZZx2	28	8					
	16	H200	15	64.68	63.31	70	56	21	26	4	6002ZZx2	32	9					
	18	H100	20	72.77	71.39	80	60	27	32	6	6004ZZx2	42	12					
	20	H150	20	80.85	79.48	87	67	27	32	6	6004ZZx2	42	12					
	22	H200	20	88.94	87.56	95	75	27	32	6	6004ZZx2	42	12					
	24	H100	25	97.02	95.65	104	84	27	32	6	6005ZZx2	47	12					
25	H150	25	101.06	99.69	111	90	27	32	6	6205ZZx2	52	15						
28	H200	25	113.19	111.82	123	102	27	32	6	6005ZZx2	47	12						



Driving Pulley Flanged Idlers with Teeth Driven Pulley

Be sure to use the idler on the loose side.
Install the idler as close as possible to the larger 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>Lowers flange by cutting. FC: 0.5mm Increment</p>  <p>No surface treatment is applied on flange circumference. FC₂=(O. D.)+1 FC₃=F-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> 