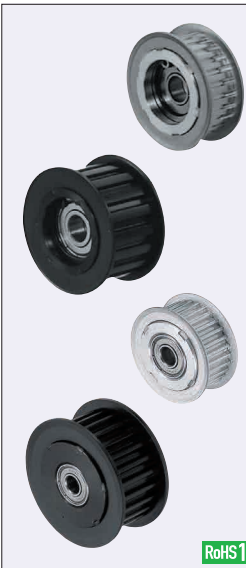


Flanged Idlers with Teeth

L, H

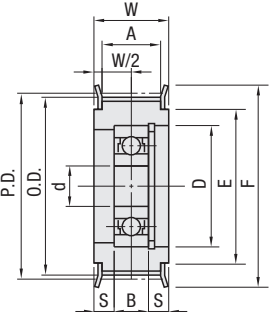
The shaft bore specifications for the Timing Pulleys is applicable to the Idlers. P.1393, 1395 Idler shafts (cantilever shafts) are selectable from P.881~906. Tensioners can be selected from P.1555, P.1556.



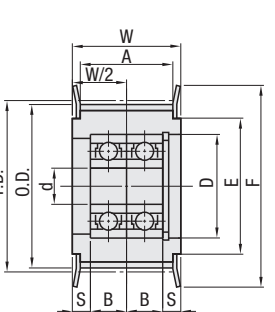
Type	Material	Surface Treatment
Center Bearing	Both Sides Bearing	Main Body Flange Bearing
AATF	AATFW	A7075 A5052 Steel Clear Anodize
BATF	BATFW	S45C SPCC Steel Hard Clear Anodize *
MATF	MATFW	Equivalent Electroless Nickel Plating

* Hard Clear Anodize: Film Hardness 300HV ~

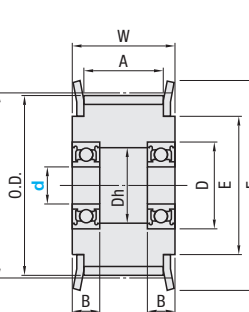
• Center Bearing
<Bearing 1 pc.>



• Both Sides Bearing
<Bearing 2 pcs.>



• Both Sides Bearing



RoHS10

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

L (Center Bearing)

Part Number		Shaft Dia. d	P.D.	O.D.	F	E	A	W	S	Bearing Dimensions			Unit Price		
Type	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		
		L075						21	26	8.5					
		L050						14	19	4.5	6201ZZx1	32	10		
	18	L075	12	54.57	53.81	61	45	21	26	8	6201ZZx2				
		L100						27	32	6					
		L050						14	19	4.5	6201ZZx1	32	10		
	20	L075	12	60.64	59.88	67	50	21	26	8	6201ZZx2				
		L100						27	32	6	6202ZZx2				
	22	L050	15	66.70	65.94	80	60	14	19	4	6202ZZx1	35	11		
		L050	15	90.96	90.20	99	80	14	19	4	6202ZZx1	35	11		
	30	L050													

L (Both Sides Bearing)

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



Ordering Example

• Center Bearing

Part Number		
Type	Number of Teeth	Applicable Belt
AATF	22	L050

• Both Sides Bearing

Part Number		
Type	Number of Teeth	Applicable Belt
BATFW	20	L100
	-	-
	-	15

H (Center Bearing)

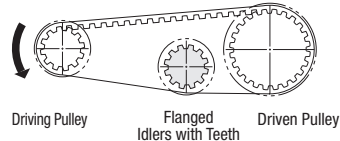
Part Number		Shaft Dia. d	P.D.	O.D.	F	E	A	W	S	Bearing Dimensions			Unit Price		
Type	Number of Teeth Applicable Belt									No.	D	B	AATF	BATF	MATF
AATF BATF MATF	14	H075	12	56.60	55.22	61	45	21	26	3	6201ZZx2	32	10		
		H100						27	32	6					
		H150						40	45	11.5	6202ZZx2	35	11		
		H200						54	59	18.5					
	16	H075	12	64.68	63.31	70	56	21	26	3	6201ZZx2	32	10		
		H100						27	32	6					
		H150						40	45	11.5	6202ZZx2	35	11		
		H200						54	59	18.5					
	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	-	
AATF BATF MATF	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)

Part Number		Shaft Dia. d	P.D.	O.D.	F	E	A	W	Dh	Bearing Dimensions			Unit Price			
Type	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							
		H150						40	45	30	6202ZZx2	35	11			
		H200						54	59							
	15	H075	12	60.64	59.27	67	50	21	26	27	6201ZZx2	32	10			
		H100						27	32							
		H150						40	45	30	6202ZZx2	35	11			
		H200						54	59							
	16	H075	12	64.68	63.31	70	56	21	26	27	6201ZZx2	32	10	-		
		H100						27	32	25	6001ZZx2	28	8			
		H150						40	45							
		H200						54	59	27	6201ZZx2	32	10			
AATFW AKTFW BATFW MATFW	16	H075	15	64.68	63.31	70	56	21	26	29	6002ZZx2	32	9			
		H100						27	32							
		H150						40	45	30	6202ZZx2	35	11			
		H200						54	59							
	18	H100	20	72.77	71.39	80	60	27	32	37	6004ZZx2	42	12			
		H150						40	45							
		H200						54	59	41	6204ZZx2	47	14			
	20	H100	20	80.85	79.48	87	67	27	32	37	6004ZZx2	42	12			
		H150						40	45	41	6204ZZx2	47	14			
		H200						54	59							
	22	H100	20	88.94	87.56	95	75	27	32	37	6004ZZx2	42	12			
		H150						40	45							
AATFW AKTFW BATFW MATFW		H200						54	59	41	6204ZZx2	47	14			
	24	H100	25	97.02	95.65	104	84	27	32	42	6005ZZx2	47	12			
		H150						40	45	46	6205ZZx2	52	15			
		H200						54	59							
	25	H100	25	101.06	99.69	111	90	27	32	42	6005ZZx2	47	12			
		H150						40	45	46	6205ZZx2	52	15			
		H200						54	59							
	28	H100	25	113.19	111.82	123	102	27	32	42	6005ZZx2	47	12			
		H150						40	45	56	6206ZZx2	62	16			
		H200	30					54	59							



Example



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



Alterations

