

Flanged Idlers with Teeth - S5M, S8M Center Bearing



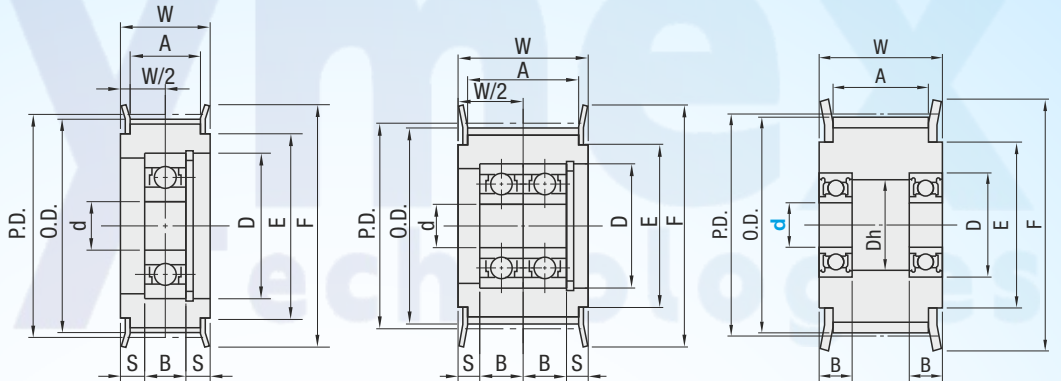
Type	Center Bearing	Both Sides Bearing	Material			Flange	Bearing	Surface Treatment
			S5M	S8M	S14M			
DAHTF	DAHTFW	DAHTFW	Aluminum Alloy	A7075 Aluminum Alloy	-	A5052	Steel	Clear Anodize
DKHTF	DKHTFW	DKHTFW	Aluminum Alloy	Aluminum Alloy	-	A5052	Steel	Hard Clear Anodize*
DFHTF	DBHTFW	DBHTFWNF	S45C Equivalent			S45C Equivalent	Steel	Black Oxide
DMHTF	DMHTFW	DMHTFW	S45C Equivalent			S45C Equivalent	Steel	Electroless Nickel Plating
DSHTF	-	-	SUS304	-	-	SUS304	Stainless Steel	-

*1 Hard Clear Anodize: Film Hardness 300HV ~
*2 Compatible with S14M Type only. On 2014 and later, S14M Type is to be delivered with flange not swaged on, but included.

• Center Bearing
<Bearing 1 pc.>

<Bearing 2 pcs.>

• Both Sides Bearing



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

• S5M Type (Centre Bearing Type)

Type	Part Number		Shaft Dia d	P.D	O.D	F	E	A	W	S	Bearing Dimensions		
	Number of Teeth	Applicable Belt									No.	D	B
DAHTF DKHTF DBHTF DMHTF DSHTF	16	S5M100	6	25.46	24.5	32	20	11	16	5	606ZZx1	17	6
	18	S5M100	8	28.65	27.69	33	22	11	16	5	698ZZx1	19	6
	20	S5M100	8	31.83	30.87	36	24	11	16	5	698ZZx1	19	6
		S5M150	8	31.83	30.87	36	24	17	22	5	698ZZx2	19	6
	22	S5M100	8	35.01	34.05	40	27	11	16	4	628ZZx1	24	8
		S5M150	8	35.01	34.05	40	27	17	22	3	628ZZx2	24	8
	24	S5M100	10	38.2	37.24	45	30	11	16	4	6000ZZx1	26	8
		S5M150	10	38.2	37.24	45	30	17	22	3	6000ZZx2	26	8
	25	S5M100	10	39.79	38.83	45	30	11	16	4	6000ZZx1	26	8
		S5M150	10	39.79	38.83	45	30	17	22	3	6000ZZx2	26	8
	26	S5M100	10	41.38	40.42	48	35	11	16	3.5	6200ZZx1	30	9
		S5M150	10	44.56	43.6	48	35	11	16	3.5	6200ZZx1	30	9
	28	S5M100	10	44.56	43.6	48	35	11	16	3.5	6200ZZx1	30	9
		S5M150	10	44.56	43.6	48	35	17	22	6.5	6200ZZx1	30	9
	30	S5M100	12	47.75	46.79	52	36	11	16	3	6201ZZx1	32	10
		S5M150	12	47.75	46.79	52	36	17	22	6	6201ZZx1	32	10
32	S5M100	12	50.93	49.97	55	40	11	16	3	6201ZZx1	32	10	
	S5M150	10	50.93	49.97	55	40	17	22	3	6000ZZx2	26	8	
36	S5M100	12	57.3	56.34	61	45	11	16	3	6201ZZx1	32	10	
40	S5M100	12	63.66	62.7	67	50	11	16	3	6201ZZx1	32	10	

• S8M Type (Center Bearing Type)

Type	Part Number		Shaft Dia d	P.D	O.D	F	E	A	W	S	Bearing Dimensions		
	Number of Teeth	Applicable Belt									No.	D	B
DAHTF DKHTF DBHTF DMHTF	20	S8M150	12	50.93	49.56	58	40	17	22	6	6201ZZx1	32	10
		S8M250	15	50.93	49.56	58	40	28	33	5.5	6202ZZx2	35	11
	22	S8M150	12	56.02	54.65	61	45	17	22	6	6201ZZx1	32	10
		S8M250	12	61.12	59.74	67	50	17	22	6	6201ZZx1	32	10
	24	S8M250	12	61.12	59.74	67	50	28	33	6.5	6201ZZx2	32	10
		S8M300	15	61.12	59.74	67	50	33	38	8	6202ZZx2	35	11
	25	S8M400	15	61.12	59.74	67	50	44	49	13.5	6202ZZx2	35	11
		S8M150	15	63.66	62.29	70	56	17	22	5.5	6202ZZx1	35	11
	26	S8M150	15	66.21	64.84	74	58	17	22	5.5	6202ZZx1	35	11
		S8M150	15	71.3	69.93	80	60	17	22	5.5	6202ZZx1	35	11
	28	S8M150	15	76.39	75.02	87	67	17	22	5.5	6202ZZx1	35	11
		S8M250	15	76.39	75.02	87	67	28	33	5.5	6202ZZx2	35	11
	30	S8M300	20	76.39	75.02	87	67	33	38	5	6204ZZx2	47	14
		S8M400	20	76.39	75.02	87	67	44	49	10.5	6204ZZx2	47	14
	32	S8M150	20	81.49	80.12	87	67	17	22	4	6204ZZx1	47	14
	34	S8M150	20	86.58	85.21	95	75	17	22	4	6204ZZx1	47	14
40	S8M150	25	101.86	100.49	111	90	17	22	3.5	6205ZZx1	52	15	

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DAHTF - 30 - S5M100

Alterations	Flange Cut	Flange Not Swaged	Flange Swaged on One Side
Code	FC	NFC	LFC, RFC
Spec.	<p>Lowfers flange by cutting. FC: 0.5mm Increment</p> <p>⊗ Not available for Stainless Steel Type.</p> <p>⊕ No surface treatment is applied on flange circumference.</p> <p>⊕ FC₂(O. D.)+1 ⊕ FC_sF-2</p> <p>Ordering Code FC46</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>

• Basic Specifications

• Type - Idlers with Teeth • Timing Pulley / Idler - Idlers

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DAHTF28S5M100 - Fc46

(FC, NFC, LFC, RFC)

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Flanged Idlers with Teeth - S5M, S8M Both Sides Bearing



S5M Type (Both Side Bearing)

Part Number			Shaft Dia	P.D	O.D	F	E	A	W	DH	Bearing Dimensions		
Type	Number of Teeth	Applicable Belt									No.	D	B
DAHTF	16	S5M150	6	25.46	24.50	32	20	17	22	14.5	606ZZx2	17	6
		S5M250						27	32				
	18	S5M150	8	28.65	27.69	33	22	17	22	16.5	698ZZx2	19	6
		S5M250						27	32				
	20	S5M150	8	31.83	30.87	36	24	17	22	16.5	698ZZx2	19	6
		S5M250						27	32				
	22	S5M150	8	35.01	34.05	40	27	17	22	19.5	608ZZx2	22	7
		S5M250						27	32				
	24	S5M150	8	38.20	37.24	45	30	17	22	19.5	608ZZx2	22	7
		S5M250						27	32				
	25	S5M100	6	39.79	38.83	45	30	11	16	13	696ZZx2	15	5
		S5M150						17	22				
S5M250		27						32					
25	S5M100	8	39.79	38.83	45	30	11	16	16.5	698ZZx2	19	6	
	S5M150						17	22					
25	S5M250	8	39.79	38.83	45	30	27	32	19.5	608ZZx2	22	7	
	S5M150						17	22					
26	S5M150	10	41.38	40.42	48	35	17	22	25	6200ZZx2	30	9	
	S5M250						27	32					
28	S5M100	10	44.56	43.60	48	35	11	16	19.5	6900ZZx2	22	6	
	S5M150						17	22					
	S5M250						27	32					
30	S5M150	12	47.75	46.79	52	36	17	22	25	6001ZZx2	28	8	
	S5M250						27	32					
30	S5M150	12	50.93	49.97	55	40	17	22	25	6001ZZx2	28	8	
	S5M250						27	32					
30	S5M150	12	50.93	49.97	55	40	27	32	27	6201ZZx2	32	10	
	S5M250						17	22					
36	S5M150	15	57.30	56.34	61	45	17	22	29	6002ZZx2	32	9	
	S5M250						27	32					
40	S5M150	15	63.66	62.70	67	50	17	22	29	6002ZZx2	32	9	
	S5M250						27	32					
											35	11	

S8M Type (Both Side Bearing)

Part Number			Shaft Dia	P.D	O.D	F	E	A	W	DH	Bearing Dimensions		
Type	Number of Teeth	Applicable Belt									No.	D	B
DAHTFW	22	S8M250	12	56.02	54.65	61	45	28	33	27	6201ZZx2	32	10
		S8M300						33	38				
		S8M400						44	49				
24	S8M250	12	61.12	59.74	67	50	28	33	27	6201ZZx2	32	10	
	S8M300						33	38					
	S8M400						44	49					
25	S8M250	12	63.66	62.29	70	56	28	33	27	6201ZZx2	32	10	
	S8M300						33	38					
	S8M400						44	49					
26	S8M150	12	66.21	64.84	74	58	17	22	25	6001ZZx2	28	8	
	S8M250						28	33					
	S8M300						33	38					
28	S8M400	15	71.30	69.93	80	60	44	49	30	6202ZZx2	35	11	
	S8M150						17	22					
	S8M250						28	33					
30	S8M300	15	76.39	75.02	87	67	33	38	29	6002ZZx2	32	9	
	S8M400						44	49					
	S8M250						28	33					
30	S8M300	20	76.39	75.02	87	67	33	38	30	6202ZZx2	35	11	
	S8M400						44	49					
	S8M250						28	33					
30	S8M300	20	76.39	75.02	87	67	33	38	37	6004ZZx2	42	12	
	S8M400						44	49					
	S8M250						28	33					
32	S8M300	20	81.49	80.12	87	67	33	38	41	6204ZZx2	47	14	
	S8M400						44	49					
	S8M250						28	33					
34	S8M300	20	86.58	85.21	95	75	33	38	41	6204ZZx2	47	14	
	S8M400						44	49					
	S8M250						28	33					
40	S8M300	25	101.86	100.49	111	90	33	38	43	6005ZZx2	47	12	
	S8M400						44	49					
	S8M250						28	33					
											52	15	

S14M Type (Both Side Bearing)

Part Number			Shaft Dia	P.D	O.D	F	E	A	W	DH	Bearing Dimensions		
Type	Number of Teeth	Applicable Belt									No.	D	B
DBHTFWNF	28	S14M400	30	124.78	121.98	136	101	46	53	57	6206ZZx2	62	16
		S14M600						67	74				
		S14M400	40	124.78	121.98	136	101	46	53	73.5	6208ZZx2	80	18
		S14M600						67	74				

Basic Specifications

■ Type - Idlers with Teeth ■ Timing Pulley / Idler - Idlers

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DBHTFWNF - 28 - S14M400 - 30

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