


Flanged Idlers with Teeth

T5, T10, AT5, AT10 Type

ⓘ Idler shafts (cantilever shafts) can be selected from P.912.



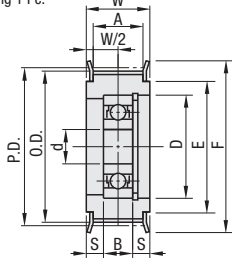
Flanged Idlers with Teeth – T5, T10, AT5, AT10 Type

RoHS10

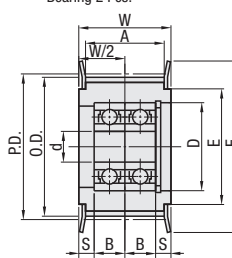
Type		Material			Surface Treatment
Center Bearing	Both Sides Bearing	Main Body	Flange	Bearing	
AHTF	AHTFW	2000 Series Aluminum Alloy	Aluminum Alloy	Steel or Equivalent	Clear Anodize
—	KHTFW				Hard Clear Anodize*

*Hard Anodize Treatment: Film Hardness 300 HV min.

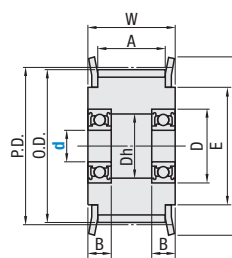
Center Bearing Type
Bearing 1 Pc.



Bearing 2 Pcs.



Both Sides Bearing Type



ⓘ Bearings are press-fitted. *Bearing Accuracy JIS B1514 Class 0

T5 Type (Center Bearing Type)

Type	Part Number	Teeth	Applicable Belt	Shaft Diameter d	P.D.	O.D.	F	E	A	W	S	Bearing Dimensions		
												No.	D	B
AHTF	18	T5100		8	28.65	27.80	33	22	11	16	5	698ZZx1	19	6
	20	T5100		8	31.83	31.00	36	24	11	16	5	698ZZx1	19	6
	22	T5100		10	35.01	34.25	40	27	11	16	5	6900ZZx1	22	6
	24	T5100		10	38.20	37.40	45	30	11	16	4	6000ZZx1	26	8
	25	T5100		10	39.79	39.00	45	30	11	16	4	6000ZZx1	26	8
	28	T5100		10	44.56	43.75	48	35	11	16	3.5	6200ZZx1	30	9
AHTF	30	T5100		12	47.75	46.95	52	36	11	16	3	6201ZZx1	32	10
		T5150							17	22	6			

T5 Type (Both Sides Bearing Type)

Type	Part Number	Teeth	Applicable Belt	Shaft Diameter d	P.D.	O.D.	F	E	A	W	Dh	Bearing Dimensions			
												No.	D	B	
AHTFW	18	T5100		6	28.65	27.80	33	22	11	16	13	696ZZx2	15	5	
												698ZZx2	19	6	
												698ZZx2	19	6	
	20	T5100		8	31.83	31.00	36	24	11	16	16.5	16.5	698ZZx2	19	6
													698ZZx2	19	6
													698ZZx2	19	6
22	T5100		10	35.01	34.25	40	27	11	16	19.5	19.5	6900ZZx2	22	6	
												6900ZZx2	22	6	
												6900ZZx2	22	6	
24	T5100		10	38.20	37.40	45	30	11	16	19.5	19.5	6900ZZx2	22	6	
												6900ZZx2	22	6	
												6900ZZx2	22	6	
25	T5100		10	39.79	39.00	45	30	11	16	23	23	6000ZZx2	26	8	
												6000ZZx2	26	8	
												6000ZZx2	26	8	
28	T5100		10	44.56	43.75	48	35	11	16	25	25	6200ZZx2	30	9	
												6200ZZx2	30	9	
												6200ZZx2	30	9	
30	T5100		12	47.75	46.95	52	36	11	16	27	27	6001ZZx2	28	8	
												6001ZZx2	28	8	
												6201ZZx2	32	10	

T10 Type (Center Bearing Type)

Type	Part Number	Teeth	Applicable Belt	Shaft Diameter d	P.D.	O.D.	F	E	A	W	S	Bearing Dimensions		
												No.	D	B
AHTF	16	T10150		12	50.93	49.05	58	40	17	22	6	6201ZZx1	32	10
				15								6202ZZx2	35	11
	18	T10150		12	57.30	55.45	61	45	17	22	6	6201ZZx1	32	10
												17	6201ZZx1	32
	20	T10150		15	63.66	61.80	67	50	17	22	6	6202ZZx2	35	11
												27	6202ZZx2	35
	22	T10150		15	70.03	68.15	80	60	17	22	5.5	6202ZZx1	35	11
												27	6202ZZx1	35
	24	T10150		15	76.39	74.55	87	67	17	22	5.5	6202ZZx1	35	11
												27	6202ZZx1	35
26	T10150		15	82.76	80.90	87	67	17	22	5.5	6202ZZx1	35	11	
											27	6202ZZx1	35	11

Part Number Example

Center Bearing Type

Part Number: AHTF 25 T5100

Both Sides Bearing Type

Part Number: AHTFW 24 - T5200 - 10

Flanged Idlers with Teeth

T5, T10, AT5, AT10 Type, continued

T10 Type (Both Sides Bearing Type)

Type	Part Number	Teeth	Applicable Belt	Shaft Diameter d	P.D.	O.D.	F	E	A	W	Dh	Bearing Dimensions			
												No.	D	B	
AHTFW	16			12	50.93	49.05	58	40	17	22	25	6001ZZx2	28	8	
												6201ZZx2	32	10	
												6002ZZx2	32	9	
												6202ZZx2	35	11	
												6202ZZx2	35	11	
												6202ZZx2	35	11	
				15								6202ZZx2	35	11	
												6202ZZx2	35	11	
												6202ZZx2	35	11	
												6202ZZx2	35	11	
												6202ZZx2	35	11	
												6202ZZx2	35	11	
	18				15	57.30	55.45	61	45	22	27	29	6002ZZx2	32	9
													6202ZZx2	35	11
													6202ZZx2	35	11
													6202ZZx2	35	11
													6202ZZx2	35	11
													6202ZZx2	35	11
	20				15	63.66	61.80	67	50	22	27	29	6002ZZx2	32	9
													6202ZZx2	35	11
													6202ZZx2	35	11
													6202ZZx2	35	11
													6202ZZx2	35	11
													6202ZZx2	35	11
22				20	70.03	68.15	80	60	22	27	37	6004ZZx2	42	12	
												6204ZZx2	47	14	
												6004ZZx2	42	12	
												6204ZZx2	47	14	
												6204ZZx2	47	14	
												6204ZZx2	47	14	
24				20	76.39	74.55	87	67	22	27	37	6004ZZx2	42	12	
												6204ZZx2	47	14	
												6004ZZx2	42	12	
												6204ZZx2	47	14	
												6204ZZx2	47	14	
												6204ZZx2	47	14	
26				20	82.76	80.90	87	67	22	27	37	6004ZZx2	42	12	
												6204ZZx2	47	14	
												6004ZZx2	42	12	
												6204ZZx2	47	14	
												6204ZZx2	47	14	
												6204ZZx2	47	14	

AT5 Type (Center Bearing Type)

Type	Part Number	Teeth	Applicable Belt	Shaft Diameter d	P.D.	O.D.	F	E	A	W	S	Bearing Dimensions		
												No.	D	B
AHTF	20	AT5100		8	31.83	30.60	36	24	11.6	16.5	5.25	698ZZx1	19	6
												698ZZx2	19	6
	28	AT5100		10	44.56	43.35	48	35	11.6	16.5	3.75	6200ZZx1	30	9
												6200ZZx1	30	9
	30	AT5100		12	47.75	46.55	55	40	11.6	16.5	3.25	6201ZZx1	32	10
												6201ZZx1	32	10

AT5 Type (Both Sides Bearing Type)

Type	Part Number	Teeth	Applicable Belt	Shaft Diameter d	P.D.	O.D.	F	E	A	W	Dh	Bearing Dimensions		
												No.	D	B
AHTFW	18	AT5100		6	28.65	27.40	33	22	11.6	16.5	13	696ZZx2	15	5
												698ZZx2	19	6
	20	AT5100		8	31.83	30.60	36	24	11.6	16.5	16.5	698ZZx2	19	6
												698ZZx2	19	6
	24	AT5100		10	38.20	37.00	45	30	11.6	16.5	19.5	6900ZZx2	22	6
												6900ZZx2	22	6
	25	AT5100		10	39.79	38.60	45	30	11.6	16.5	23	6000ZZx2	26	8
												6000ZZx2	26	8
	30	AT5100		12	47.75	46.55	55	40	11.6	16.5	27	6201ZZx2	32	10
												6201ZZx2	32	10

AT10 Type (Center Bearing Type)

Type	Part Number	Teeth	Applicable Belt	Shaft Diameter d	P.D.	O.D.	F	E	A	W	S	Bearing Dimensions		
												No.	D	B
AHTF	16	AT10150		12	50.93	49.05	58	40	16.5	22.5	6.25	6201ZZx1	32	10
				15								6202ZZx2	35	11
	20	AT10150		12	63.66	61.80	67	50	16.5	22.5	6.25	6201ZZx1	32	10
												15	6202ZZx2	35
	22	AT10150		15	70.03	68.15	80	60	16.5	22.5	5.75	6202ZZx1	35	11
												6202ZZx1	35	11

AT10 Type (Both Sides Bearing Type)

Type	Part Number	Teeth	Applicable Belt	Shaft Diameter d	P.D.	O.D.	F	E	A	W	Dh	Bearing Dimensions			
												No.	D	B	
AHTFW	16			12	50.93	49.05	58	40	16.5	22.5	25	6001ZZx2	28	8	
												6201ZZx2	32	10	
												6002ZZx2	32	9	
				15					6202ZZx2	35	11				
									6202ZZx2	35	11				
									6202ZZx2	35	11				
	18				15	57.30	55.45	61	45	16.5	22.5	29	6002ZZx2	32	9
													6202ZZx2	35	11
													6202ZZx2	35	11
					20										