

Flanged Idlers with Teeth

MXL, XL Type

⊕ Tensioners can be selected from P.1530-1531. ⊕ Idler shafts (cantilever shafts) can be selected from P.912.

Flanged Idlers with Teeth – MXL, XL Type

Type		Material		Surface Treatment	
Center Bearing	Both Sides Bearing	Main Body	Flange	Bearing	
AATF	AATFW	2000 Series Aluminum Alloy	Aluminum Alloy	Steel or Equivalent	Clear Anodize
ANTF	—				Electroless Nickel Plating

Center Bearing Type

Both Sides Bearing Type

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

MXL Type (Center Bearing Type)

Type	Part Number		Shaft Diameter d	P.D.	O.D.	F	E	A	W	S	Bearing Dimensions		
	Teeth	Applicable Belt									No.	D	B
AATF	20	MXL019	3	12.94	12.43	18	11	6	10	3	693ZZx1	8	4
	22	MXL019	3	14.23	13.72	18	11	6	10	3	693ZZx1	8	4
	24	MXL019	3	15.52	15.02	20	13	6	10	3	693ZZx1	8	4
	30	MXL019	5	19.40	18.90	25	16	6	10	3	695ZZx1	13	4
	36	MXL019	5	23.29	22.78	28	18	6	10	3	695ZZx1	13	4
	40	MXL019	6	25.87	25.36	30	20	6	10	2.5	696ZZx1	15	5
		MXL025											
		MXL037											
	50	MXL019	8	32.34	31.84	35	25	7.5	11.5	2.75	698ZZx1	19	6
		MXL025											
		MXL037											
	60	MXL019	10	38.81	38.30	44	32	7.5	11.5	2.75	6900ZZx1	22	6
MXL025													
MXL037													

MXL Type (Both Sides Bearing Type)

Type	Part Number		Shaft Diameter d	P.D.	O.D.	F	E	A	W	Dh	Bearing Dimensions		
	Teeth	Applicable Belt									No.	D	B
AATFW	16	MXL019	3	10.35	9.84	14	8	6	10	5	673ZZx2	6	2.5
	20	MXL019	3	12.94	12.43	18	11	6	10	5	673ZZx2	6	2.5
	22	MXL025	3	14.23	13.72	18	11	7.5	11.5	5	673ZZx2	6	2.5
		MXL037											
		MXL050											
	24	MXL037	4	15.52	15.02	20	13	11	15	6	674ZZx2	7	2.5
		MXL050											
		MXL025											
	30	MXL019	4	19.40	18.90	25	16	6	10	6	674ZZx2	7	2.5
		MXL025											
		MXL037											
	36	MXL037	5	23.29	22.78	28	18	11	15	11	695ZZx2	13	4
MXL050													
MXL025													
40	MXL037	6	25.87	25.36	30	20	11	15	13	696ZZx2	15	5	
	MXL050												
	MXL025												
50	MXL037	8	32.34	31.84	35	25	11	15	16.5	698ZZx2	19	6	
	MXL050												
	MXL025												
60	MXL025	5	38.81	38.30	44	32	7.5	11.5	11	695ZZx2	13	4	
	MXL037												
	MXL050												

Part Number Example

Center Bearing Type			Both Sides Bearing Type		
Type	Teeth	Applicable Belt	Type	Teeth	Applicable Belt
AATF	40	MXL037	AATFW	40	MXL050

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Flanged Idlers with Teeth

MXL, XL Type, continued

XL Type (Center Bearing Type)

Type	Part Number		Shaft Diameter d	P.D.	O.D.	F	E	A	W	S	Bearing Dimensions		
	Teeth	Applicable Belt									No.	D	B
AATF ANTF	18	XL025	6	29.11	28.60	36	24	7.5	12.5	3.25	626ZZ x 1	19	6
		XL031											
		XL037											
	20	XL025	6	32.34	31.83	40	27	7.5	12.5	3.25	626ZZ x 1	19	6
		XL031											
		XL037											
	22	XL025	8	35.57	35.07	45	30	7.5	12.5	2.25	628ZZ x 1	24	8
		XL031											
		XL037											
	25	XL025	10	40.43	39.92	48	35	7.5	12.5	2.25	6000ZZ x 1	26	8
		XL031											
		XL037											
28	XL025	10	45.28	44.77	55	40	7.5	12.5	2.25	6000ZZ x 1	26	8	
	XL031												
	XL037												
30	XL025	10	48.51	48.00	55	40	7.5	12.5	2.25	6000ZZ x 1	26	8	
	XL031												
	XL037												
36	XL025	12	58.21	57.70	67	50	7.5	12.5	2.25	6001ZZ x 1	28	8	
	XL031												
	XL037												

XL Type (Both Sides Bearing Type)

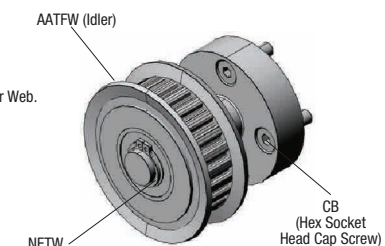
Type	Part Number		Shaft Diameter d	P.D.	O.D.	F	E	A	W	Dh	Bearing Dimensions		
	Teeth	Applicable Belt									No.	D	B
AATFW	16	XL025	5	25.87	25.36	32	20	7.5	12.5	11	695ZZ x 2	13	4
		XL031											
		XL037											
	18	XL037	6	29.11	28.60	36	24	11	16	13	696ZZ x 2	15	5
		XL050											
		XL037											
	20	XL037	8	32.34	31.83	40	27	11	16	16.5	698ZZ x 2	19	6
		XL050											
		XL037											
	22	XL037	8	35.57	35.07	45	30	11	16	16.5	698ZZ x 2	19	6
		XL050											
		XL037											
25	XL037	10	40.43	39.92	48	35	11	16	19.5	6900ZZ x 2	22	6	
	XL050												
	XL037												
28	XL037	10	45.28	44.77	55	40	11	16	19.5	6900ZZ x 2	22	6	
	XL050												
	XL037												
30	XL037	10	48.51	48.00	55	40	11	16	19.5	6900ZZ x 2	22	6	
	XL050												
	XL037												
36	XL037	10	58.21	57.70	67	50	11	16	19.5	6900ZZ x 2	22	6	
	XL050												
	XL037												

Part Number Alterations

Part Number	- (FC / NFC / LFC / RFC)
AATF25XL037	- FC43

Application Example

Combination of these use examples can be selected over Web.



Alteration	Flange Cut	Flange Not Swaged	Flange Swaged on One Side
Code	FC	NFC	LFC / RFC
Spec.	<p>Lowers flange by cutting. FC: 0.5 mm Increment</p> <p>⊕ No surface treatment applied on flange circumference. ⊕ FC=(O.D.)+2 ⊕ FC=F-2 Ordering Code: FC43</p>	<p>Flange is not installed. (Flange included)</p>	<p>Flange installed on the retaining ring side (RFC) or the opposite side (LFC).</p>