


# Economy Pulleys for Flat Belts (Width L=110-500)

Crowned / Crosspiece Groove Straight

Feature: Compared to the Standard Type prices, on average, these are 32% lower in price.

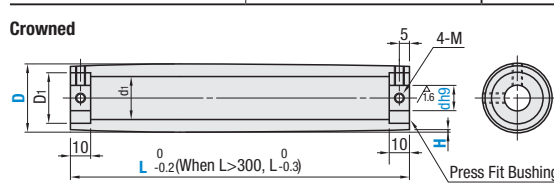
**Economy Pulleys for Flat Belts – Width L=110-500**



RoHS10

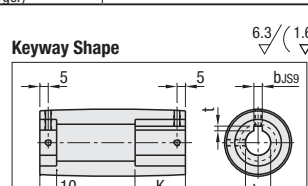
Type	Material	Surface Treatment
Crowned	5056 Aluminum Alloy	—
Crosspiece Groove Straight	6063 Aluminum Alloy (Crowned Type D38 or larger)	Clear Anodize

**Crowned**

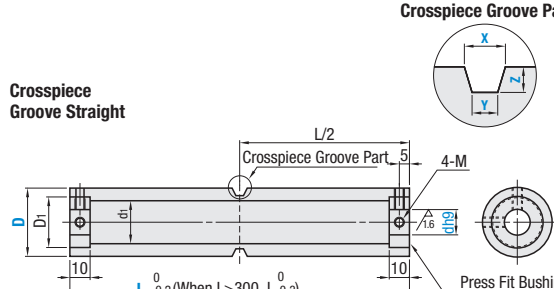


Press Fit Bushing

**Keyway Shape**



**Crosspiece Groove Part**



Press Fit Bushing

**New JIS (B1301) Keyway Dimension**

Nominal	d <sub>h7</sub>	b <sub>js9</sub>	Tolerance
N8	8	3	±0.0125
N10	10	4	±0.0150
NK10	10	4	±0.0150
N12	12	5	±0.0150
N15	15	6	±0.0180
N20	20	8	±0.0215
N25	25	10	±0.0215
N30	30	12	±0.0215
N35	35	14	±0.0215
N40	40	14	±0.0215
N50	50	14	±0.0215

## Crowned

Type	Part Number	d <sub>h9</sub>		10 mm Increment	H Selection		Key Length	K	d <sub>i</sub>	D <sub>1</sub>	M															
		Round Hole + Tap	Keyway Hole + Tap		L	L=110-300						L=310-500														
Crowned RBWAC RBWVC	18	8	—	110-510	0.3	0.5	30	—	10	12	M3															
	28	8	N8									25	0.5	1.0	30	—	20	22	M3							
		10	N10 / NK10									30								0.8	1.2	30	—	30	32	M4
		12	N12									—														
	15	—	—									0.8	1.2	30	—	30	32	M6								
	12	N12	—																0.8	1.2	30	—	40	42	M4	
	15	N15	—									0.8	1.2	30	—	40	42	M5								
	20	N20	—																0.8	1.2	30	—	40	42	M6	
	25	—	—									0.8	1.2	30	—	40	42	M6								
	15	N15	—																0.8	1.2	30	—	50	52	M5	
	20	N20	—		0.8	1.2	30	—	50	52	M6															
	25	N25	—									0.8	1.2	30	—	50	52	M6								
	30	N30	—		0.8	1.2	30	—	50	52	M8															
	30	N30	—									0.8	1.2	30	—	50	52	M6								
	35	N35	—		0.8	1.2	30	—	50	52	M6															
	25	N25	—									0.8	1.2	30	—	70	72	M6								
	30	N30	—		0.8	1.2	30	—	70	72	M6															
	35	N35	—									0.8	1.2	30	—	70	72	M6								
	40	N40	—		0.8	1.2	30	—	70	72	M8															
	50	N50	—									0.8	1.2	30	—	70	72	M8								

## Crosspiece Groove Straight

Type	Part Number	d <sub>h9</sub>		10 mm Increment	0.1 mm Increment			Key Length	K	d <sub>i</sub>	D <sub>1</sub>	M																
		Round Hole + Tap	Keyway Hole + Tap		L	X	Y						Z															
Crosspiece Groove Straight RBWAM RBWWM	38	12	N12	110-510	7.0-15.0	5.0-12.0	4.0-6.0	30	—	20	22	M3																
	48	15	N15										7.0-15.0	5.0-12.0	4.0-6.0	30	—	30	32	M4								
		20	N20																		7.0-15.0	5.0-12.0	4.0-6.0	30	—	30	32	M5
		25	—																									
	20	N20	7.0-15.0										5.0-12.0	4.0-6.0	30	—	40	42	M5									
	25	N25																		7.0-15.0	5.0-12.0	4.0-6.0	30	—	40	42	M6	
	30	N30	7.0-15.0										5.0-12.0	4.0-6.0	30	—	40	42	M6									
	35	—																		7.0-15.0	5.0-12.0	4.0-6.0	30	—	40	42	M8	
	25	N25	7.0-15.0										5.0-12.0	4.0-6.0	30	—	60	62	M6									
	30	N30																		7.0-15.0	5.0-12.0	4.0-6.0	30	—	60	62	M6	
	35	N35	7.0-15.0		5.0-12.0	4.0-6.0	30	—	60	62	M6																	
	40	N40										7.0-15.0	5.0-12.0	4.0-6.0	30	—	60	62	M8									
	50	N50	7.0-15.0		5.0-12.0	4.0-6.0	30	—	60	62	M8																	

Part Number Example


Crosspiece Groove Straight	RBWAC28	- 10 - 350 - H0.5
Groove Straight	RBWWM58	- N25 - 250 - X14.0 - Y11.8 - Z5.0

# Economy Idlers for Flat Belts (Width L=110-500)

Straight / Crowned / Crosspiece Groove Straight

Feature: Compared to the Standard Type, on average, these prices are 34% lower.

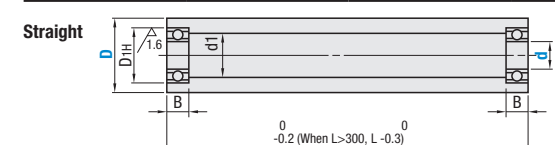
**Economy Idlers for Flat Belts – Width L=110-500**



RoHS10

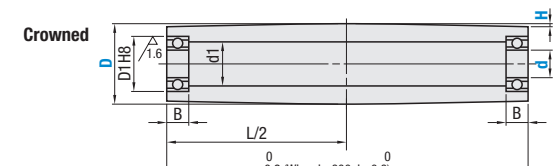
Type	Material	Surface Treatment
Straight	Aluminum Alloy	—
Crowned	Aluminum Alloy	Clear Anodize
Crosspiece Groove Straight	Aluminum Alloy	Clear Anodize

**Straight**

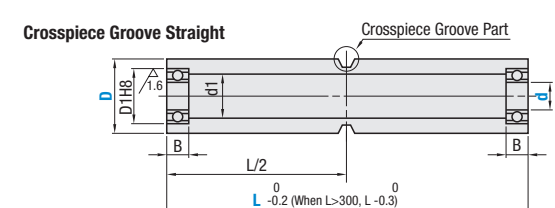


Bearings can be detached. Temporarily attached with tape for shipping.

**Crowned**

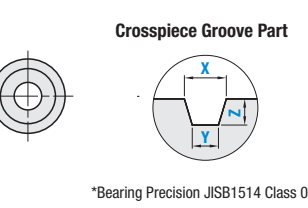


**Crosspiece Groove Straight**



\*Bearing Precision JISB1514 Class 0

**Crosspiece Groove Part**



## Straight Type / Crowned

Type	Part Number	D	d	10 mm Increment	L	H Selectable	d <sub>i</sub>	Bearing Dimension			
								No.	D <sub>1</sub>	B	
Straight Type RFWAS RFWWS	18	8	8	110-510	0.3	0.5	10	678ZZ	12	3.5	
								608ZZ	22	7	
								6900ZZ	22	6	
	28	10	10					20	6002ZZ	32	9
									6804ZZ	32	7
									6202ZZ	35	11
	38	15	15					30	6904ZZ	37	9
									6905ZZ	42	9
									6806ZZ	42	7
									6204ZZ	47	14
48	20	20	40	6005ZZ	47	12					
				6906ZZ	47	9					
				6808ZZ	52	7					
				6306ZZ	72	19					
58	25	25	50	6207ZZ	72	17					
				6207ZZ	72	17					
				6207ZZ	72	17					

## Crosspiece Groove Straight

Type	Part Number	D	d	10 mm Increment	0.1 mm Increment			d <sub>i</sub>	Bearing Dimension																								
					L	X	Y		Z	No.	D <sub>1</sub>	B																					
Crosspiece Groove Straight Type RFWAM RFWWM	38	12	12	110-510	7.0-15.0	5.0-12.0	4.0-6.0	20	6001ZZ	28	8																						
									6002ZZ	32	9																						
									6002ZZ	32	9																						
									6904ZZ	37	9																						
									6905ZZ	42	9																						
									6204ZZ	47	14																						
	48	15	15						30	6905ZZ	42	9																					
										6906ZZ	47	9																					
										6807ZZ	47	7																					
										6306ZZ	72	19																					
										6207ZZ	72	17																					
										6008ZZ	68	15																					
	58	20	20						40	60	62	M8	30	60	62	M8																	
																	78	25	25	50	60	62	M8										
																								30	30	30	30	30	30	30	30	30	30

Part Number Example

Straight	RFWWS28	- 8 - 200
Crowned	RFWAC28	- 10 - 350 - H0.5
Crosspiece Groove Straight	RFWWM58	- 20 - 250 - X14.0 - Y11.8 - Z5.0