

Economy Pulleys for Flat Belts: Width L = 110~510

Crowned, Crosspiece Groove Straight

For products uncovered by the e-Catalog Standard, see P.131.

Features: Use of thin pipes has realized price reduction by average 32% compared to the conventional products.

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

Set screws are not included. P.2-239

Nominal	dH9	bJS9	tTolerance
N8	8	3	±0.0125
N10	10	4	±0.0150
NK10	10	5	±0.0150
N12	12	6	±0.0180
N15	15	8	±0.0215
N20	20	10	±0.0250
N25	25	12	±0.0285
N30	30	14	±0.0320
N35	35	16	±0.0355
N40	40	18	±0.0390
N50	50	22	±0.0460

*1. Since the drawing surface of pipe is unpolished, the Inner Dia. d1 is misshapen to some extent.

*X≥Y For Crosspiece Groove Part Dimensions, see "Pulley, Idler Relief Dimensions". P.1399

Part Number	D	Round Hole + Tap	Keyway + Tap	1mm Increment L	H Selection		Key Length K	d1	D1	M						
					L=110-300	L=310-510										
Crowned RBWAC RBWWC	18	8	N8	110-510	0.3	0.5	30	10	12	M3						
		10	N10 - NK10													
		12	N12													
	28	15	-								0.5	0.8	40	20	22	M4
		20	N20													
		25	N25													
	38	20	N20								0.8	1.0	50	30	32	M5
		25	N25													
		30	N30													
	48	20	N20								1.0	1.2	70	40	42	M6
		25	N25													
		30	N30													
	58	25	N25								1.2	1.5	-	-	-	-
		30	N30													
		35	N35													
78	30	N30	1.5	2.0	-	-	-	-								
	35	N35														
	40	N40														
	50	N50														

Specify NK10 when Keyway + Tap with shaft bore dia. 10 and keyway width 4.0mm (height 1.8mm) is desired.

Part Number	D	Round Hole + Tap	Keyway + Tap	1mm Increment L	0.1mm Increment			Key Length K	d1	D1	M						
					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						
		15	N15														
		20	N20														
	48	20	N20									0.8	1.0	40	30	32	M4
		25	N25														
		30	N30														
	58	20	N20									1.0	1.2	50	40	42	M5
		25	N25														
		30	N30														
	78	25	N25									1.2	1.5	70	50	52	M6
		30	N30														
		35	N35														
		40	N40														
		50	N50														

Ordering Example (Crowned) RBWAC28 - 10 - 350 - H0.5
(Crosspiece Groove Straight) RBWWM58 - N25 - 250 - X14.0 - Y11.8 - Z5.0

D	Body Price Crowned												Keyway Machining Charge (Body Price +)			
	RBWAC						RBWWC									
	L110-150	L160-200	L210-250	L260-300	L310-350	L360-400	L410-450	L460-510	L110-150	L160-200	L210-250	L260-300	L310-350	L360-400	L410-450	L460-510
18																
28																
38																
48																
58																
78																

D	Body Price Crosspiece Groove Straight												Keyway Machining Charge (Body Price +)			
	RBWAM						RBWWM									
	L110-150	L160-200	L210-250	L260-300	L310-350	L360-400	L410-450	L460-510	L110-150	L160-200	L210-250	L260-300	L310-350	L360-400	L410-450	L460-510
38																
48																
58																
78																

Economy Idlers for Flat Belts: Width L = 110~510

Straight, Crowned, Crosspiece Groove Straight

For products uncovered by the e-Catalog Standard, see P.131.

Features: Use of thin pipes has realized price reduction by average 34% compared to the conventional products.

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

*1. Since the drawing surface of pipe is unpolished, the Inner Dia. d1 is misshapen to some extent.

*X≥Y For Crosspiece Groove Part Dimensions, see "Pulley, Idler Relief Dimensions". P.1399

* Bearing Accuracy: JIS B1514 Class 0

Part Number	D	d	1mm Increment L	H Selection	d1	Bearing Dimension		
						No.	D1	B
Straight RFWAS RFWWS	18	8	110-510	0.3	10	678ZZ	12	3.5
		10				698ZZ	22	7
		12				690ZZ	22	6
	28	15				600ZZ	32	9
		20				680ZZ	32	7
		25				620ZZ	35	11
	38	20				690ZZ	37	9
		25				690ZZ	42	9
		30				680ZZ	42	7
	48	20				620ZZ	47	14
		25				600ZZ	47	12
		30				690ZZ	47	9
	58	20				680ZZ	52	7
		30				620ZZ	72	19
		40				620ZZ	72	17
78	30	600ZZ	68	15				
	35	600ZZ	68	15				
	40	600ZZ	68	15				

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

D	Unit Price Straight															
	RFWAS						RFWWS									
	L110-150	L160-200	L210-250	L260-300	L310-350	L360-400	L410-450	L460-510	L110-150	L160-200	L210-250	L260-300	L310-350	L360-400	L410-450	L460-510
18																
28																
38																
48																
58																
78																

D	Unit Price Crowned															
	RFWAC						RFWWC									
	L110-150	L160-200	L210-250	L260-300	L310-350	L360-400	L410-450	L460-510	L110-150	L160-200	L210-250	L260-300	L310-350	L360-400	L410-450	L460-510
18																
28																
38																
48																
58																
78																

D	Unit Price Crosspiece Groove Straight															
	RFWAM						RFWWM									
	L110-150	L160-200	L210-250	L260-300	L310-350	L360-400	L410-450	L460-510	L110-150	L160-200	L210-250	L260-300	L310-350	L360-400	L410-450	L460-510
38																
48																
58																
78																