

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

Crowned, Crosspiece Groove Straight

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

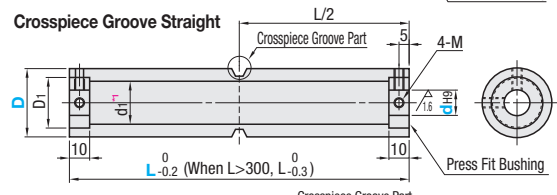
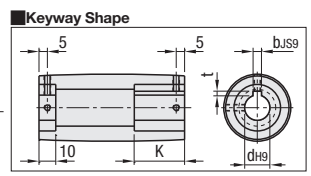
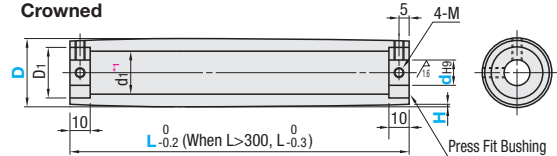
Features: Use of thin pipes has realized price reduction by average 32% compared to the conventional products.



| Type | | Material | | Surface Treatment |
|---------|------------------------------|----------------|-------------------|-------------------|
| Crowned | (Crosspiece Groove Straight) | Pulley | Press Fit Bushing | |
| RBWAC | RBWAM | Aluminum Alloy | Aluminum Alloy | - |
| RBWWC | RBWWM | Aluminum Alloy | Aluminum Alloy | Clear Anodize |

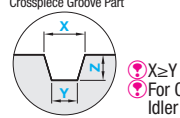
Set screws are not included. P.2-239

6.3 / (1.6 /)



| Nominal | dh9 | bJS9 | tTolerance |
|---------|-----|------|------------|
| N8 | 8 | 3 | ±0.0125 |
| N10 | 10 | 4 | 1.8 +0.1 |
| NK10 | 10 | 4 | 0 |
| N12 | 12 | 5 | ±0.0150 |
| N15 | 15 | 6 | 2.3 |
| N20 | 20 | 8 | 2.8 |
| N25 | 25 | 10 | ±0.0180 |
| N30 | 30 | 12 | 3.3 +0.2 |
| N35 | 35 | 14 | ±0.0215 |
| N40 | 40 | 14 | 3.8 |
| N50 | 50 | 14 | 3.8 |

*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

RoHS10

Crowned

| Part Number | D | dh9 | | 1mm Increment | H Selection | | Key Length | d1 | D1 | M | |
|---------------------------|----|------------------|--------------|---------------|-------------|-----------|------------|----|----|----|-----------|
| | | Round Hole + Tap | Keyway + Tap | | L | L=110-300 | | | | | L=310-510 |
| Crowned RBWAC RBWWC | 18 | 8 | N8 | 110-510 | 0.3 | 0.5 | K | 10 | 12 | M3 | |
| | | 10 | N10 - NK10 | | | | | | | | |
| | | 12 | N12 | | | | | | | | |
| | 15 | - | | | | | | | | | |
| | 12 | N12 | | | | | | | | | |
| | 15 | N15 | | | | | | | | | |
| | 38 | 20 | N20 | | 0.5 | 0.8 | 30 | 32 | 30 | 42 | M4 |
| | | 25 | N25 | | | | | | | | |
| | | 20 | N20 | | | | | | | | |
| | | 25 | N25 | | | | | | | | |
| | | 30 | N30 | | | | | | | | |
| | | 35 | N35 | | | | | | | | |
| 48 | 20 | N20 | 1.0 | 1.2 | 40 | 52 | 50 | 62 | M5 | | |
| | 25 | N25 | | | | | | | | | |
| | 30 | N30 | | | | | | | | | |
| | 35 | N35 | | | | | | | | | |
| | 40 | N40 | | | | | | | | | |
| | 50 | N50 | | | | | | | | | |
| 78 | 25 | N25 | 1.2 | 1.2 | 70 | 82 | 70 | 82 | M6 | | |
| | 30 | N30 | | | | | | | | | |
| | 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.

Crosspiece Groove Straight

| Part Number | D | dh9 | | 1mm Increment | 0.1mm Increment | | | Key Length | d1 | D1 | M | | | | |
|--|----|------------------|--------------|---------------|-----------------|----------|---------|------------|----|----|----|----|----|----|----|
| | | Round Hole + Tap | Keyway + Tap | | 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 | 40 | 42 | M3 | | | | |
| | | 15 | - | | | | | | | | | | | | |
| | | 15 | N15 | | | | | | | | | | | | |
| | 48 | 20 | N20 | | | | | | | | | 30 | 30 | 32 | M4 |
| | | 25 | - | | | | | | | | | | | | |
| | | 20 | N20 | | | | | | | | | | | | |
| | 58 | 25 | N25 | | 30 | 40 | 42 | M5 | | | | | | | |
| | | 30 | N30 | | | | | | | | | | | | |
| | | 35 | - | | | | | | | | | | | | |
| | 78 | 25 | N25 | | 30 | 60 | 62 | 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 | | | | | | | | | | | | | | Keyway Machining Charge (Body Price +) | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------------------------|----------|----------|----------|----------|----------|----------|--|----------|--|
| | Crowned | | | | | | | Crosspiece Groove Straight | | | | | | | | | |
| | RBWAC | | | | | | | 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 | |
| 18 | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | |
| 38 | | | | | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | | | | | |
| 58 | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | |

| D | Body Price | | | | | | | | | | | | | | Keyway Machining Charge (Body Price +) | | |
|----|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|----------|--|
| | Crosspiece Groove Straight | | | | | | | Crowned | | | | | | | | | |
| | 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 | | | | | | | | | | | | | | | | | |