

# Pulleys for Flat Belts

- ◀ Crowned
  - ◀ Crosspiece Groove Straight
- Width L = 100~500

| Code  | Type                       | Material       |        | Surface Treatment                    |
|-------|----------------------------|----------------|--------|--------------------------------------|
|       |                            | GB             | Equiv. |                                      |
| ENF01 | Crowned                    | Aluminum Alloy |        | Fine Sand Blast Anodizing            |
| ENF06 |                            | 45             | S45C   | Fine Sand Electroless Nickel Plating |
| ENF11 |                            | 0Cr18Ni9       | SUS304 | —                                    |
| ENF21 | Crosspiece Groove Straight | Aluminum Alloy |        | Fine Sand Blast Anodizing            |
| ENF26 |                            | 45             | S45C   | Fine Sand Electroless Nickel Plating |
| ENF31 |                            | 0Cr18Ni9       | SUS304 | —                                    |

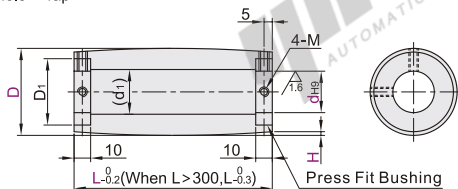
Keyway Dimension  
N: New JIS (B1301) Keyway Dimension

| N <sub>H9</sub> | b <sub>JIS9</sub> | t Tolerance |
|-----------------|-------------------|-------------|
| 8               | 3                 | ±0.0125     |
| 10              |                   |             |
| 12              |                   |             |
| 12              | 4                 | ±0.0150     |
| 15              |                   |             |
| 20              |                   |             |
| 25              | 6                 | ±0.0200     |
| 30              |                   |             |
| 35              |                   |             |
| 40              | 8                 | ±0.0250     |
| 45              |                   |             |
| 50              |                   |             |
| 55              | 10                | ±0.0300     |
| 60              |                   |             |
| 65              |                   |             |

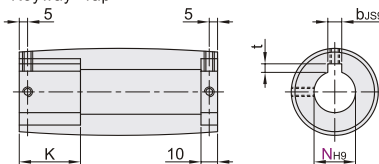


Crowned ENF01/06/11

Round Hole + Tap

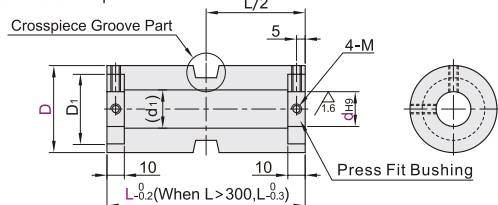


Keyway+Tap

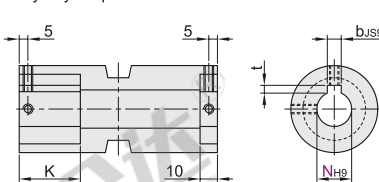


Crosspiece Groove Straight ENF21/26/31

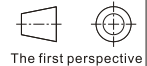
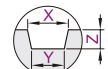
Round Hole + Tap



Keyway+Tap



Crosspiece Groove Part



The first perspective

d1 size just for reference, will not effect the usage of the idle.

Round Hole + Tap

| Part Number |    | d <sub>H9</sub> | 1 mm Inc. | H<br>(Crowned) |             | 0.1 mm Inc.<br>(Crosspiece Groove Straight) |          |         | K  | (d1)  |      |        | D1 | M  |
|-------------|----|-----------------|-----------|----------------|-------------|---------------------------------------------|----------|---------|----|-------|------|--------|----|----|
| Code        | D  |                 | L         | L = 100~300    | L = 301~500 | X                                           | Y        | Z       |    | A5052 | S45C | SUS304 |    |    |
| ENF01       | 30 | 8               |           |                |             |                                             |          | 2.0~4.5 | 25 | 15    |      | 15     | 22 |    |
| ENF06       |    | 10              |           |                |             |                                             |          |         | 30 |       | 18   |        |    |    |
| ENF11       |    | 12              |           |                |             |                                             |          |         | 25 |       |      |        |    |    |
| ENF21       | 35 | 10              |           |                |             |                                             |          | 4.0~6.0 |    | 17    |      | 18     | 27 | M4 |
| ENF01       |    | 12              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF06       |    | 15              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF11       | 40 | 12              |           |                |             |                                             |          | 4.0~7.0 |    | 21    | 22   | 22     | 33 |    |
| ENF21       |    | 15              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF26       |    | 20              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF31       | 50 | 15              | 100~500   | 0.3            | 0.5         | 7.0~15.0                                    | 5.0~12.0 | 4.0~6.0 |    | 28    | 30   | 31     | 40 | M5 |
| ENF01       |    | 20              |           |                |             |                                             |          |         | 30 |       |      |        |    |    |
| ENF06       |    | 25              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF11       | 60 | 20              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF21       |    | 25              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF26       |    | 30              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF31       | 80 | 25              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF01       |    | 30              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF06       |    | 35              |           |                |             |                                             |          |         |    |       |      |        |    |    |

Keyway+Tap

| Part Number |    | N <sub>H9</sub> | 1 mm Inc. | H<br>(Crowned) |             | 0.1 mm Inc.<br>(Crosspiece Groove Straight) |          |         | K  | (d1)  |      |        | D1 | M  |
|-------------|----|-----------------|-----------|----------------|-------------|---------------------------------------------|----------|---------|----|-------|------|--------|----|----|
| Code        | D  |                 | L         | L = 100~300    | L = 301~500 | X                                           | Y        | Z       |    | A5052 | S45C | SUS304 |    |    |
| ENF01       | 30 | 8               |           |                |             |                                             |          | 2.0~4.5 | 25 | 15    |      | 15     | 22 |    |
| ENF06       |    | 10              |           |                |             |                                             |          |         | 30 |       | 18   |        |    |    |
| ENF11       |    | 12              |           |                |             |                                             |          |         | 25 |       |      |        |    |    |
| ENF21       | 35 | 10              |           |                |             |                                             |          | 4.0~6.0 |    | 17    |      | 18     | 27 | M3 |
| ENF01       |    | 12              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF06       |    | 15              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF11       | 40 | 12              |           |                |             |                                             |          | 4.0~7.0 |    | 21    | 22   | 22     | 33 | M4 |
| ENF21       |    | 15              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF26       |    | 20              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF31       | 50 | 15              | 100~500   | 0.3            | 0.5         | 7.0~15.0                                    | 5.0~12.0 | 4.0~6.0 |    | 28    | 30   | 31     | 40 | M5 |
| ENF01       |    | 20              |           |                |             |                                             |          |         | 30 |       |      |        |    |    |
| ENF06       |    | 25              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF11       | 60 | 20              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF21       |    | 25              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF26       |    | 30              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF31       | 80 | 25              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF01       |    | 30              |           |                |             |                                             |          |         |    |       |      |        |    |    |
| ENF06       |    | 35              |           |                |             |                                             |          |         |    |       |      |        |    |    |

Crowned

| Part Number | d <sub>H9</sub> | 1 mm Inc. | H           |
|-------------|-----------------|-----------|-------------|
| Code        | D               | L         | L = 100~300 |
| ENF01       | 8               |           |             |
| ENF06       | 10              |           |             |

ENF01—D30—d8—L100—H0.3

Crosspiece Groove Straight

| Part Number | d <sub>H9</sub> | 1 mm Inc. | 0.1 mm Inc. |
|-------------|-----------------|-----------|-------------|
| Code        | D               | L         | X Y Z       |
| ENF21       | 8               |           |             |
| ENF26       | 10              |           |             |

ENF21—D30—d8—L100—X8—Y5—Z3



| Discount price |      |                      |  |
|----------------|------|----------------------|--|
| Per            | 1~4  | 5~                   |  |
| Price          | 100% | Additional quotation |  |



| Delivery |  |
|----------|--|
| 6        |  |