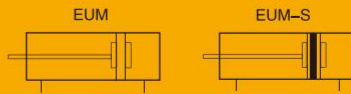


EUM Series Mini Type Free Mount Cylinder



EUM

Minitype Free Mount Cylinder



Specifications

| Bore(mm) | 6 | 8 | 10 | 12 | 16 | 20 |
|--------------------------|---|---|----|----------------|----------|----|
| Acting Type | Double Acting | | | | | |
| Working Medium | Clean Air(after 40 μm filtration) | | | | | |
| Working Pressure(MPa) | 0.15~0.7 | | | | | |
| Guaranteed Pressure(MPa) | 1.05 | | | | | |
| Working Temperature(°C) | -20~70(No freezing) | | | | | |
| Piston Speed(mm/s) | 30~500 | | | | | |
| Cushion | None | | | Rubber cushion | | |
| Stroke tolerance | $\begin{matrix} +1.0 \\ 0 \end{matrix}$ | | | | | |
| Port Size | M3 x 0.5 | | | | M5 x 0.8 | |

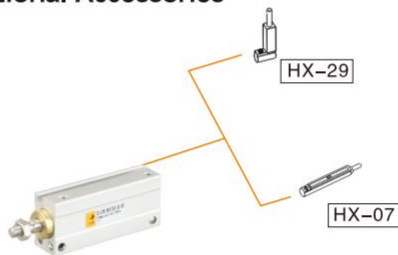
How to order?

| Series No. | Type No. | Bore | X Stroke | Magnet No. | Piston Rod Thread Type | Mounting Type |
|------------|-------------------|--------------------------------|----------------------|------------------------------------|--|---|
| EUM | Blank: Basic type | 6 8 10 12 16 20 | 4 6 8 | Blank: No magnet S: With magnet | Blank: Female thread M: Male thread | Blank: Lateral mounting R: Axial mounting (Note:ø6,ø8,ø10 is not available) |

Order Example:

EUM series basic type cylinder, bore 10, stroke 20, with magnet, male thread
The ERP code is: EUM10X20-S-M

Optional Accessories



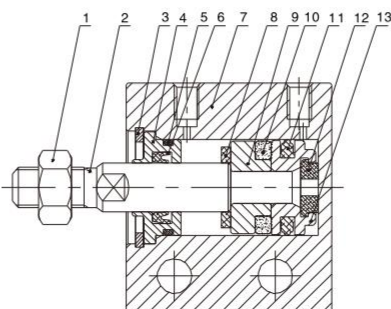
Note: Short stroke please use HX-29 series due to limited space.

Stroke

| Bore(mm) | Standard Stroke(mm) | Max.Stroke(mm) |
|----------|------------------------------|----------------|
| 6 | 4 6 8 10 15 20 25 30 | 30 |
| 8 | 4 6 8 10 15 20 25 30 | 30 |
| 10 | 4 6 8 10 15 20 25 30 | 30 |
| 12 | 5 10 15 20 25 30 35 40 45 50 | 50 |
| 16 | 5 10 15 20 25 30 35 40 45 50 | 50 |
| 20 | 5 10 15 20 25 30 35 40 45 50 | 50 |

Note: The dimensions of non-std stroke cylinder has the same dimensions as the next longer stroke std. stroke cylinder.
e.g. 27mm stroke cylinder has the same dimensions of 30 std. stroke cylinder.
When ordering stroke is larger than the maximum stroke, please contact us.

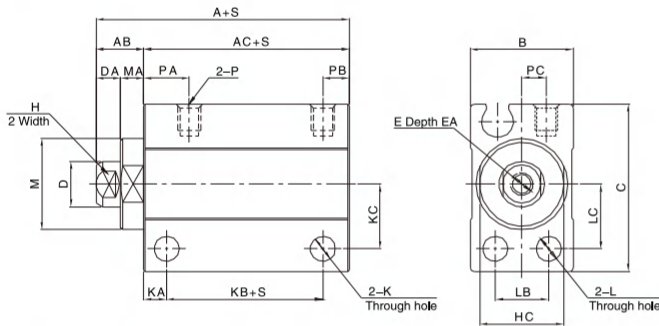
Internal Structure



| No. | Part Name | Material |
|-----|-------------------|----------------------------------|
| 1 | Nut | Carbon steel |
| 2 | Piston Rod | SUS 304 hard chrome carbon steel |
| 3 | Snap ring | Spring steels |
| 4 | Head cover | Cu/Aluminum alloy |
| 5 | O-ring | NBR |
| 6 | Head cover o-ring | NBR |
| 7 | Barrel | Aluminum Alloy |
| 8 | Anti-bump cushion | NBR |
| 9 | Magnet Seat | SUS304/Aluminum alloy |
| 10 | Magnet | NdFeB |
| 11 | Piston seal | NBR |
| 12 | Anti-bump cushion | TPU |
| 13 | Piston | SUS304/Cu/Aluminum alloy |

◎ Main Dimensions

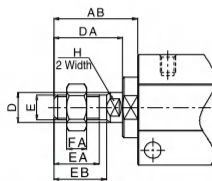
Ø6-Ø10



| | A | | AB | AC | | B | C | D | DA | E | EA | H | HC |
|----|-----------|-------------|----|-----------|-------------|------|----|---|----|-----------|----|-----|----|
| | No magnet | With magnet | | No magnet | With magnet | | | | | | | | |
| 6 | 19 | 24 | 6 | 13 | 18 | 13 | 19 | 4 | 3 | M2.5X0.45 | 5 | 3.5 | 8 |
| 8 | 19 | 24 | 6 | 13 | 18 | 13 | 21 | 5 | 3 | M3X0.5 | 6 | 4.5 | 10 |
| 10 | 19 | 24 | 6 | 13 | 18 | 13.5 | 22 | 6 | 3 | M3X0.5 | 6 | 5 | 11 |

| Bore/Sign | K | KA | KB | | L | LB | LC | M | MA | P | PA | PB | PC | |
|-----------|-----|----|-----------|-------------|-----|-----|----|-----|----|---|--------|----|-----|-----|
| | | | No magnet | With magnet | | | | | | | | | | |
| 6 | 3.3 | 3 | 6.5 | 11.5 | 7 | 3.3 | 7 | 7 | 9 | 3 | M3X0.5 | 6 | 3.5 | 3 |
| 8 | 3.3 | 3 | 6.5 | 11.5 | 8 | 3.3 | 7 | 8 | 11 | 3 | M3X0.5 | 6 | 3.5 | 3 |
| 10 | 3.3 | 3 | 6.5 | 11.5 | 8.5 | 3.3 | 7 | 8.5 | 12 | 3 | M3X0.5 | 6 | 3.5 | 3.2 |

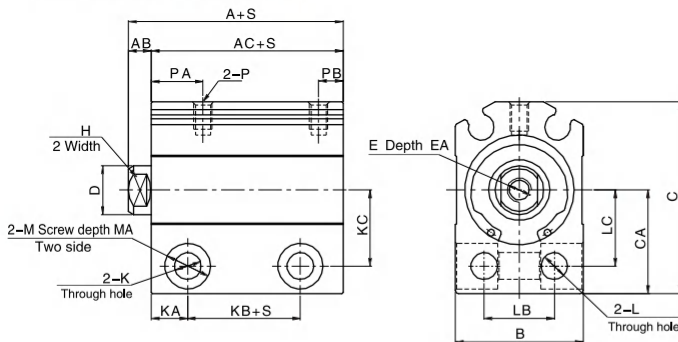
Ø6-Ø10 (Male Dimensions)



| Bore/Sign | AB | D | DA | E | EA | EB | FA | H |
|-----------|------|---|------|--------|-----|------|-----|-----|
| 6 | 12.5 | 4 | 9.5 | M3X0.5 | 5.5 | 6.5 | 2.5 | 3.5 |
| 8 | 14.5 | 5 | 11.5 | M4X0.7 | 7 | 8.5 | 3 | 4.5 |
| 10 | 16.5 | 6 | 13.5 | M5X0.8 | 9 | 10.5 | 4 | 5 |

Note: Not marked dimensions are same sizes as the female type.

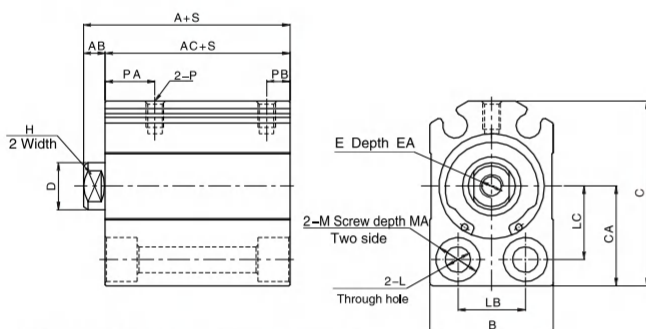
Ø12-Ø20 (Lateral Type)



| Bore/Sign | A | | AB | AC | | B | C | CA | D | E | EA | H | K | KA |
|-----------|-----------|-------------|-----|-----------|-------------|----|------|------|----|--------|----|---|-----|----|
| | No magnet | With magnet | | No magnet | With magnet | | | | | | | | | |
| 12 | 19 | 24 | 3.5 | 15.5 | 20.5 | 17 | 28.5 | 15.5 | 6 | M3X0.5 | 6 | 5 | 4.4 | 6 |
| 16 | 20 | 25 | 3.5 | 16.5 | 21.5 | 21 | 31.5 | 17 | 8 | M4X0.7 | 8 | 6 | 4.4 | 6 |
| 20 | 24 | 29 | 4.5 | 19.5 | 24.5 | 25 | 38.5 | 21 | 10 | M5X0.8 | 7 | 8 | 5.5 | 7 |

| Bore/Sign | KB | | L | LB | LC | M | MA | P | PA | PB |
|-----------|-----------|-------------|------|-----|------|-----|----|--------|-----|-----|
| | No magnet | With magnet | | | | | | | | |
| 12 | 3.5 | 8.5 | 11 | 4.4 | 8 | 7.5 | 7 | M5X0.8 | 7.5 | 4 |
| 16 | 4 | 9 | 12.5 | 4.4 | 11.5 | 7.5 | 7 | M5X0.8 | 8.5 | 4 |
| 20 | 5.5 | 10.5 | 15.5 | 5.5 | 13.5 | 9.5 | 9 | M5X0.8 | 8.5 | 5.5 |

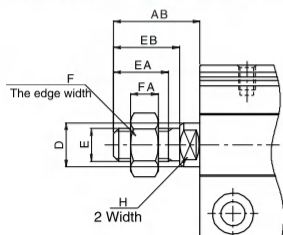
Ø12-Ø20 (Axial Type)



| Bore/Sign | A | | AB | AC | | B | C | CA | D | E | EA | H |
|-----------|-----------|-------------|-----|-----------|-------------|----|------|------|----|--------|----|---|
| | No magnet | With magnet | | No magnet | With magnet | | | | | | | |
| 12 | 19 | 24 | 3.5 | 15.5 | 20.5 | 17 | 28.5 | 15.5 | 6 | M3X0.5 | 6 | 5 |
| 16 | 20 | 25 | 3.5 | 16.5 | 21.5 | 21 | 31.5 | 17 | 8 | M4X0.7 | 8 | 6 |
| 20 | 24 | 29 | 4.5 | 19.5 | 24.5 | 25 | 38.5 | 21 | 10 | M5X0.8 | 7 | 8 |

| Bore/Sign | LB | LC | M | MA | P | PA | PB |
|-----------|------|------|-----|-----|--------|-----|-----|
| | | | | | | | |
| 16 | 11.5 | 12.5 | 7.5 | 5.5 | M3X0.5 | 8.5 | 4 |
| 20 | 13.5 | 15.5 | 9.5 | 6.5 | M5X0.8 | 8.5 | 5.5 |

Ø12-Ø20 (Male Dimensions)



| Bore/Sign | AB | D | E | EA | EB | F | FA | H |
|-----------|------|----|---------|----|------|----|----|---|
| 12 | 14 | 6 | M5X0.8 | 9 | 10.5 | 8 | 4 | 5 |
| 16 | 15.5 | 8 | M6X1.0 | 10 | 12 | 10 | 5 | 6 |
| 20 | 18.5 | 10 | M8X1.25 | 12 | 14 | 12 | 6 | 8 |

Note: Not marked dimensions are same sizes as the female type.

How to Order?

| Series No. | Thread Size | Thread Length | Accessory Code |
|---------------|--|--|--|
| FJ: Accessory | M6: M6 M8: M8 M10: M10 M12: M12 M16: M16 | M20: M20 M27: M27 M36: M36 M42: M42 M48: M48 | 1: 1 1.25: 1.25 1.5: 1.5 2: 2 |
| | | | IJ: I fitting YJ: Y fitting(PIN) YCJ: Y fitting(PIN+CLIP) FD: Floating fitting BJ: Bearing fitting |

Dimensions of Cylinder Accessory

| Category | Image | Table | Diagram | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|--|---|------------|------|----------|----------|----------|-----|--------------|--------------|-------|----------|--------------|-----------|----|-------------|------|------|------|------|------|--------------|---------------|---------------|--------------|-----|----|---------|--------------|---------|---------|--------------|----------------|------|---------------|---------------|----|----------|----|----------|------|---------------|----------------|----------|------|--------------|---------------|----------|----------|----------|--------|--------------|---------------|------|---------------|------|--------------|--------------|------|---------|-----|--------------|---------------|---------|----|---------|-----|--------------|--------------|---------|-----|--------------|-------------|----|---------|-----|---------|-------|--------------|------------|--------------|--------------|-------------------|------|----|-------|------|---------|-----|--------------|------------|--------------|------------------|------------|-----|------|-------|------|---------|---------|--------------|--------------|------------------|------|------|------|------------|-------|-------|---------|-----|--------------|------------|-------|------|------|------|----|-------|----|---------|-----|--------------|-------------------|----|------|------|----|----|----------|----|---------|----|--------------|------------------|----|----|----|----|----|---------|----|----|----|------------|------------------|----|----|----|----|----|---------|----|----|----|------------|--|
| Y Fitting | | <table border="1"> <thead> <tr> <th>Model/Sign</th> <th>NA</th> <th>NB</th> <th>NC</th> <th>ND</th> <th>NE</th> <th>NH</th> <th>NM</th> <th>NP</th> <th>NQ</th> <th>Material</th> </tr> </thead> <tbody> <tr><td>FJ-M6X1YJ</td><td>10</td><td>12</td><td>6</td><td>24</td><td>-</td><td>M6X1</td><td>6</td><td>12</td><td>31</td><td>Carbon steel</td></tr> <tr><td>FJ-M8X1.25YJ</td><td>14</td><td>16</td><td>8</td><td>32</td><td>-</td><td>M8X1.25</td><td>8</td><td>16</td><td>42</td><td>Carbon steel</td></tr> <tr><td>FJ-M10X1.25YJ</td><td>18</td><td>20</td><td>10</td><td>40</td><td>-</td><td>M10X1.25</td><td>10</td><td>20</td><td>52</td><td>Carbon steel</td></tr> <tr><td>FJ-M12X1.25YJ</td><td>20</td><td>24</td><td>12</td><td>48</td><td>-</td><td>M12X1.25</td><td>12</td><td>24</td><td>62</td><td>Carbon steel</td></tr> <tr><td>FJ-M16X1.5YJ</td><td>26</td><td>32</td><td>16</td><td>64</td><td>-</td><td>M16X1.5</td><td>16</td><td>32</td><td>83</td><td>Carbon steel</td></tr> <tr><td>FJ-M20X1.5YJ</td><td>34</td><td>40</td><td>20</td><td>80</td><td>-</td><td>M20X1.5</td><td>20</td><td>40</td><td>105</td><td>Carbon steel</td></tr> <tr><td>FJ-M27X2YJ</td><td>42</td><td>55</td><td>30</td><td>110</td><td>-</td><td>M27X2</td><td>30</td><td>55</td><td>148</td><td>Carbon steel</td></tr> <tr><td>FJ-M36X2YJ</td><td>60</td><td>70</td><td>35</td><td>144</td><td>-</td><td>M36X2</td><td>35</td><td>72</td><td>188</td><td>Carbon steel</td></tr> <tr><td>FJ-M42X2YJ</td><td>70</td><td>85</td><td>40</td><td>168</td><td>-</td><td>M42X2</td><td>40</td><td>84</td><td>232</td><td>Carbon steel</td></tr> <tr><td>FJ-M48X2YJ</td><td>80</td><td>90</td><td>50</td><td>192</td><td>-</td><td>M48X2</td><td>50</td><td>96</td><td>265</td><td>Carbon steel</td></tr> <tr><td>FJ-M12X1.25YJ-TBC</td><td>21</td><td>25</td><td>12</td><td>48</td><td>23</td><td>M12X1.25</td><td>12</td><td>22</td><td>60</td><td>Carbon steel</td></tr> <tr><td>FJ-M16X1.5YJ-TBC</td><td>28</td><td>32</td><td>16</td><td>62</td><td>30</td><td>M16X1.5</td><td>16</td><td>30</td><td>78</td><td>Cast Steel</td></tr> <tr><td>FJ-M20X1.5YJ-TBC</td><td>36</td><td>40</td><td>20</td><td>79</td><td>38</td><td>M20X1.5</td><td>20</td><td>39</td><td>90</td><td>Cast Steel</td></tr> </tbody> </table> | Model/Sign | NA | NB | NC | ND | NE | NH | NM | NP | NQ | Material | FJ-M6X1YJ | 10 | 12 | 6 | 24 | - | M6X1 | 6 | 12 | 31 | Carbon steel | FJ-M8X1.25YJ | 14 | 16 | 8 | 32 | - | M8X1.25 | 8 | 16 | 42 | Carbon steel | FJ-M10X1.25YJ | 18 | 20 | 10 | 40 | - | M10X1.25 | 10 | 20 | 52 | Carbon steel | FJ-M12X1.25YJ | 20 | 24 | 12 | 48 | - | M12X1.25 | 12 | 24 | 62 | Carbon steel | FJ-M16X1.5YJ | 26 | 32 | 16 | 64 | - | M16X1.5 | 16 | 32 | 83 | Carbon steel | FJ-M20X1.5YJ | 34 | 40 | 20 | 80 | - | M20X1.5 | 20 | 40 | 105 | Carbon steel | FJ-M27X2YJ | 42 | 55 | 30 | 110 | - | M27X2 | 30 | 55 | 148 | Carbon steel | FJ-M36X2YJ | 60 | 70 | 35 | 144 | - | M36X2 | 35 | 72 | 188 | Carbon steel | FJ-M42X2YJ | 70 | 85 | 40 | 168 | - | M42X2 | 40 | 84 | 232 | Carbon steel | FJ-M48X2YJ | 80 | 90 | 50 | 192 | - | M48X2 | 50 | 96 | 265 | Carbon steel | FJ-M12X1.25YJ-TBC | 21 | 25 | 12 | 48 | 23 | M12X1.25 | 12 | 22 | 60 | Carbon steel | FJ-M16X1.5YJ-TBC | 28 | 32 | 16 | 62 | 30 | M16X1.5 | 16 | 30 | 78 | Cast Steel | FJ-M20X1.5YJ-TBC | 36 | 40 | 20 | 79 | 38 | M20X1.5 | 20 | 39 | 90 | Cast Steel | |
| Model/Sign | NA | NB | NC | ND | NE | NH | NM | NP | NQ | Material | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M6X1YJ | 10 | 12 | 6 | 24 | - | M6X1 | 6 | 12 | 31 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M8X1.25YJ | 14 | 16 | 8 | 32 | - | M8X1.25 | 8 | 16 | 42 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M10X1.25YJ | 18 | 20 | 10 | 40 | - | M10X1.25 | 10 | 20 | 52 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M12X1.25YJ | 20 | 24 | 12 | 48 | - | M12X1.25 | 12 | 24 | 62 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M16X1.5YJ | 26 | 32 | 16 | 64 | - | M16X1.5 | 16 | 32 | 83 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M20X1.5YJ | 34 | 40 | 20 | 80 | - | M20X1.5 | 20 | 40 | 105 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M27X2YJ | 42 | 55 | 30 | 110 | - | M27X2 | 30 | 55 | 148 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M36X2YJ | 60 | 70 | 35 | 144 | - | M36X2 | 35 | 72 | 188 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M42X2YJ | 70 | 85 | 40 | 168 | - | M42X2 | 40 | 84 | 232 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M48X2YJ | 80 | 90 | 50 | 192 | - | M48X2 | 50 | 96 | 265 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M12X1.25YJ-TBC | 21 | 25 | 12 | 48 | 23 | M12X1.25 | 12 | 22 | 60 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M16X1.5YJ-TBC | 28 | 32 | 16 | 62 | 30 | M16X1.5 | 16 | 30 | 78 | Cast Steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M20X1.5YJ-TBC | 36 | 40 | 20 | 79 | 38 | M20X1.5 | 20 | 39 | 90 | Cast Steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| YC Fitting | | <table border="1"> <thead> <tr> <th>Model/Sign</th> <th>NA</th> <th>NB</th> <th>NC</th> <th>ND</th> <th>NH</th> <th>NM</th> <th>NP</th> <th>NQ</th> <th>Material</th> </tr> </thead> <tbody> <tr><td>FJ-M6X1YCJ</td><td>10</td><td>12</td><td>6</td><td>24</td><td>M6X1</td><td>6</td><td>12</td><td>31</td><td>Carbon steel</td></tr> <tr><td>FJ-M8X1.25YCJ</td><td>14</td><td>16</td><td>8</td><td>32</td><td>M8X1.25</td><td>8</td><td>16</td><td>42</td><td>Carbon steel</td></tr> <tr><td>FJ-M10X1.25YCJ</td><td>18</td><td>20</td><td>10</td><td>40</td><td>M10X1.25</td><td>10</td><td>20</td><td>52</td><td>Carbon steel</td></tr> <tr><td>FJ-M12X1.25YCJ</td><td>20</td><td>24</td><td>12</td><td>48</td><td>M12X1.25</td><td>12</td><td>24</td><td>62</td><td>Carbon steel</td></tr> <tr><td>FJ-M16X1.5YCJ</td><td>26</td><td>32</td><td>16</td><td>64</td><td>M16X1.5</td><td>16</td><td>32</td><td>83</td><td>Carbon steel</td></tr> <tr><td>FJ-M20X1.5YCJ</td><td>34</td><td>40</td><td>20</td><td>80</td><td>M20X1.5</td><td>20</td><td>40</td><td>105</td><td>Carbon steel</td></tr> <tr><td>FJ-M27X2YCJ</td><td>42</td><td>55</td><td>30</td><td>110</td><td>M27X2</td><td>30</td><td>55</td><td>148</td><td>Carbon steel</td></tr> </tbody> </table> | Model/Sign | NA | NB | NC | ND | NH | NM | NP | NQ | Material | FJ-M6X1YCJ | 10 | 12 | 6 | 24 | M6X1 | 6 | 12 | 31 | Carbon steel | FJ-M8X1.25YCJ | 14 | 16 | 8 | 32 | M8X1.25 | 8 | 16 | 42 | Carbon steel | FJ-M10X1.25YCJ | 18 | 20 | 10 | 40 | M10X1.25 | 10 | 20 | 52 | Carbon steel | FJ-M12X1.25YCJ | 20 | 24 | 12 | 48 | M12X1.25 | 12 | 24 | 62 | Carbon steel | FJ-M16X1.5YCJ | 26 | 32 | 16 | 64 | M16X1.5 | 16 | 32 | 83 | Carbon steel | FJ-M20X1.5YCJ | 34 | 40 | 20 | 80 | M20X1.5 | 20 | 40 | 105 | Carbon steel | FJ-M27X2YCJ | 42 | 55 | 30 | 110 | M27X2 | 30 | 55 | 148 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Model/Sign | NA | NB | NC | ND | NH | NM | NP | NQ | Material | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M6X1YCJ | 10 | 12 | 6 | 24 | M6X1 | 6 | 12 | 31 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M8X1.25YCJ | 14 | 16 | 8 | 32 | M8X1.25 | 8 | 16 | 42 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M10X1.25YCJ | 18 | 20 | 10 | 40 | M10X1.25 | 10 | 20 | 52 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M12X1.25YCJ | 20 | 24 | 12 | 48 | M12X1.25 | 12 | 24 | 62 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M16X1.5YCJ | 26 | 32 | 16 | 64 | M16X1.5 | 16 | 32 | 83 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M20X1.5YCJ | 34 | 40 | 20 | 80 | M20X1.5 | 20 | 40 | 105 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M27X2YCJ | 42 | 55 | 30 | 110 | M27X2 | 30 | 55 | 148 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| I Fitting | | <table border="1"> <thead> <tr> <th>Model/Sign</th> <th>NA</th> <th>NC</th> <th>ND</th> <th>NE</th> <th>NF</th> <th>NG</th> <th>NH</th> <th>NM</th> <th>Material</th> </tr> </thead> <tbody> <tr><td>FJ-M6X1IJ</td><td>12</td><td>6</td><td>24</td><td>31</td><td>12</td><td>10</td><td>M6X1</td><td>6</td><td>Carbon steel</td></tr> <tr><td>FJ-M8X1.25IJ</td><td>16</td><td>8</td><td>30</td><td>40</td><td>11</td><td>15</td><td>M8X1.25</td><td>8</td><td>Carbon steel</td></tr> <tr><td>FJ-M10X1.25IJ</td><td>20</td><td>10</td><td>40</td><td>52</td><td>15</td><td>20</td><td>M10X1.25</td><td>10</td><td>Carbon steel</td></tr> <tr><td>FJ-M12X1.25IJ</td><td>24</td><td>12</td><td>48</td><td>67</td><td>24</td><td>20</td><td>M12X1.25</td><td>12</td><td>Carbon steel</td></tr> <tr><td>FJ-M16X1.5IJ</td><td>32</td><td>16</td><td>64</td><td>89</td><td>32</td><td>23</td><td>M16X1.5</td><td>16</td><td>Carbon steel</td></tr> <tr><td>FJ-M20X1.5IJ</td><td>40</td><td>20</td><td>80</td><td>112</td><td>40</td><td>30</td><td>M20X1.5</td><td>20</td><td>Carbon steel</td></tr> <tr><td>FJ-M27X2IJ</td><td>55</td><td>30</td><td>110</td><td>155</td><td>50</td><td>55</td><td>M27X2</td><td>30</td><td>Carbon steel</td></tr> <tr><td>FJ-M12X1.25IJ-TBC</td><td>23.5</td><td>12</td><td>48</td><td>60</td><td>24</td><td>20</td><td>M12X1.25</td><td>12</td><td>Carbon steel</td></tr> <tr><td>FJ-M16X1.5IJ-TBC</td><td>28.5</td><td>16</td><td>62.5</td><td>78.5</td><td>31.5</td><td>25</td><td>M16X1.5</td><td>16</td><td>Carbon steel</td></tr> <tr><td>FJ-M20X1.5IJ-TBC</td><td>38</td><td>20</td><td>81</td><td>100</td><td>37.5</td><td>30</td><td>M20X1.5</td><td>20</td><td>Carbon steel</td></tr> </tbody> </table> | Model/Sign | NA | NC | ND | NE | NF | NG | NH | NM | Material | FJ-M6X1IJ | 12 | 6 | 24 | 31 | 12 | 10 | M6X1 | 6 | Carbon steel | FJ-M8X1.25IJ | 16 | 8 | 30 | 40 | 11 | 15 | M8X1.25 | 8 | Carbon steel | FJ-M10X1.25IJ | 20 | 10 | 40 | 52 | 15 | 20 | M10X1.25 | 10 | Carbon steel | FJ-M12X1.25IJ | 24 | 12 | 48 | 67 | 24 | 20 | M12X1.25 | 12 | Carbon steel | FJ-M16X1.5IJ | 32 | 16 | 64 | 89 | 32 | 23 | M16X1.5 | 16 | Carbon steel | FJ-M20X1.5IJ | 40 | 20 | 80 | 112 | 40 | 30 | M20X1.5 | 20 | Carbon steel | FJ-M27X2IJ | 55 | 30 | 110 | 155 | 50 | 55 | M27X2 | 30 | Carbon steel | FJ-M12X1.25IJ-TBC | 23.5 | 12 | 48 | 60 | 24 | 20 | M12X1.25 | 12 | Carbon steel | FJ-M16X1.5IJ-TBC | 28.5 | 16 | 62.5 | 78.5 | 31.5 | 25 | M16X1.5 | 16 | Carbon steel | FJ-M20X1.5IJ-TBC | 38 | 20 | 81 | 100 | 37.5 | 30 | M20X1.5 | 20 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Model/Sign | NA | NC | ND | NE | NF | NG | NH | NM | Material | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M6X1IJ | 12 | 6 | 24 | 31 | 12 | 10 | M6X1 | 6 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M8X1.25IJ | 16 | 8 | 30 | 40 | 11 | 15 | M8X1.25 | 8 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M10X1.25IJ | 20 | 10 | 40 | 52 | 15 | 20 | M10X1.25 | 10 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M12X1.25IJ | 24 | 12 | 48 | 67 | 24 | 20 | M12X1.25 | 12 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M16X1.5IJ | 32 | 16 | 64 | 89 | 32 | 23 | M16X1.5 | 16 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M20X1.5IJ | 40 | 20 | 80 | 112 | 40 | 30 | M20X1.5 | 20 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M27X2IJ | 55 | 30 | 110 | 155 | 50 | 55 | M27X2 | 30 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M12X1.25IJ-TBC | 23.5 | 12 | 48 | 60 | 24 | 20 | M12X1.25 | 12 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M16X1.5IJ-TBC | 28.5 | 16 | 62.5 | 78.5 | 31.5 | 25 | M16X1.5 | 16 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M20X1.5IJ-TBC | 38 | 20 | 81 | 100 | 37.5 | 30 | M20X1.5 | 20 | Carbon steel | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Floating Fitting | | <table border="1"> <thead> <tr> <th>Model/Sign</th> <th>MA</th> <th>MB</th> <th>MC</th> <th>MD</th> <th>ME</th> <th>MF</th> <th>MG</th> <th>MH</th> <th>MI/MJ</th> <th>ML</th> <th>MM</th> <th>MK</th> </tr> </thead> <tbody> <tr><td>FJ-M3X0.5FD</td><td>23.5</td><td>7.5</td><td>3</td><td>15</td><td>12.8</td><td>5.5</td><td>2.4</td><td>4</td><td>M3X0.5</td><td>5.5</td><td>13</td><td>5</td></tr> <tr><td>FJ-M4X0.7FD</td><td>26</td><td>9.5</td><td>3</td><td>17</td><td>12.8</td><td>6</td><td>3</td><td>4</td><td>M4X0.7</td><td>7</td><td>13</td><td>5</td></tr> <tr><td>FJ-M5X0.8FD</td><td>34.5</td><td>13.5</td><td>3.5</td><td>22.8</td><td>13.8</td><td>8</td><td>4</td><td>6</td><td>M5X0.8</td><td>8</td><td>14</td><td>5</td></tr> <tr><td>FJ-M6X1.0FD</td><td>34.5</td><td>13.5</td><td>3.5</td><td>22.8</td><td>13.8</td><td>8</td><td>4</td><td>6</td><td>M6X1.0</td><td>10</td><td>14</td><td>5</td></tr> </tbody> </table> | Model/Sign | MA | MB | MC | MD | ME | MF | MG | MH | MI/MJ | ML | MM | MK | FJ-M3X0.5FD | 23.5 | 7.5 | 3 | 15 | 12.8 | 5.5 | 2.4 | 4 | M3X0.5 | 5.5 | 13 | 5 | FJ-M4X0.7FD | 26 | 9.5 | 3 | 17 | 12.8 | 6 | 3 | 4 | M4X0.7 | 7 | 13 | 5 | FJ-M5X0.8FD | 34.5 | 13.5 | 3.5 | 22.8 | 13.8 | 8 | 4 | 6 | M5X0.8 | 8 | 14 | 5 | FJ-M6X1.0FD | 34.5 | 13.5 | 3.5 | 22.8 | 13.8 | 8 | 4 | 6 | M6X1.0 | 10 | 14 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | Model/Sign | MA | MB | MC | MD | ME | MF | MG | MH | MI/MJ | ML | MM | MK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M3X0.5FD | 23.5 | 7.5 | 3 | 15 | 12.8 | 5.5 | 2.4 | 4 | M3X0.5 | 5.5 | 13 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M4X0.7FD | 26 | 9.5 | 3 | 17 | 12.8 | 6 | 3 | 4 | M4X0.7 | 7 | 13 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M5X0.8FD | 34.5 | 13.5 | 3.5 | 22.8 | 13.8 | 8 | 4 | 6 | M5X0.8 | 8 | 14 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M6X1.0FD | 34.5 | 13.5 | 3.5 | 22.8 | 13.8 | 8 | 4 | 6 | M6X1.0 | 10 | 14 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>Model/Sign</th> <th>MA</th> <th>MB</th> <th>MC</th> <th>MD</th> <th>ME</th> <th>MF</th> <th>MG</th> <th>MH</th> <th>MI/MJ</th> <th>MK</th> </tr> </thead> <tbody> <tr><td>FJ-M8X1.25FD</td><td>51</td><td>20</td><td>6</td><td>17</td><td>24</td><td>10.5</td><td>6</td><td>8</td><td>M8X1.25</td><td>13</td></tr> <tr><td>FJ-M10X1.25FD</td><td>58</td><td>22</td><td>7</td><td>21</td><td>26</td><td>11</td><td>6</td><td>10</td><td>M10X1.25</td><td>12</td></tr> <tr><td>FJ-M12X1.25FD</td><td>58</td><td>22</td><td>8</td><td>21</td><td>28</td><td>11.5</td><td>7</td><td>12</td><td>M12X1.25</td><td>12</td></tr> <tr><td>FJ-M14X1.5FD</td><td>70</td><td>22.5</td><td>8.5</td><td>28</td><td>34.5</td><td>16</td><td>8</td><td>15</td><td>M14X1.5</td><td>12</td></tr> <tr><td>FJ-M16X1.5FD</td><td>90</td><td>27</td><td>10</td><td>41</td><td>44.5</td><td>19</td><td>8</td><td>17</td><td>M16X1.5</td><td>7</td></tr> <tr><td>FJ-M18X1.5FD</td><td>92</td><td>27</td><td>10</td><td>41</td><td>44.5</td><td>21</td><td>11</td><td>18</td><td>M18X1.5</td><td>7</td></tr> <tr><td>FJ-M20X1.5FD</td><td>102</td><td>29</td><td>13</td><td>46</td><td>53</td><td>22</td><td>10</td><td>22</td><td>M20X1.5</td><td>10</td></tr> <tr><td>FJ-M22X1.5FD</td><td>108</td><td>32</td><td>13</td><td>46</td><td>53</td><td>25</td><td>13</td><td>22</td><td>M22X1.5</td><td>5</td></tr> <tr><td>FJ-M26X1.5FD</td><td>120</td><td>32</td><td>14.5</td><td>52.5</td><td>59.5</td><td>25</td><td>13</td><td>27</td><td>M26X1.5</td><td>5</td></tr> <tr><td>FJ-M27X2.0FD</td><td>136.5</td><td>40</td><td>14.5</td><td>52.5</td><td>59.5</td><td>40</td><td>13.5</td><td>27</td><td>M27X2.0</td><td>5</td></tr> <tr><td>FJ-M36X2.0FD</td><td>194.5</td><td>60</td><td>20.5</td><td>77.5</td><td>84</td><td>54</td><td>18</td><td>36</td><td>M36X2.0</td><td>5</td></tr> </tbody> </table> | Model/Sign | MA | MB | MC | MD | ME | MF | MG | MH | MI/MJ | MK | FJ-M8X1.25FD | 51 | 20 | 6 | 17 | 24 | 10.5 | 6 | 8 | M8X1.25 | 13 | FJ-M10X1.25FD | 58 | 22 | 7 | 21 | 26 | 11 | 6 | 10 | M10X1.25 | 12 | FJ-M12X1.25FD | 58 | 22 | 8 | 21 | 28 | 11.5 | 7 | 12 | M12X1.25 | 12 | FJ-M14X1.5FD | 70 | 22.5 | 8.5 | 28 | 34.5 | 16 | 8 | 15 | M14X1.5 | 12 | FJ-M16X1.5FD | 90 | 27 | 10 | 41 | 44.5 | 19 | 8 | 17 | M16X1.5 | 7 | FJ-M18X1.5FD | 92 | 27 | 10 | 41 | 44.5 | 21 | 11 | 18 | M18X1.5 | 7 | FJ-M20X1.5FD | 102 | 29 | 13 | 46 | 53 | 22 | 10 | 22 | M20X1.5 | 10 | FJ-M22X1.5FD | 108 | 32 | 13 | 46 | 53 | 25 | 13 | 22 | M22X1.5 | 5 | FJ-M26X1.5FD | 120 | 32 | 14.5 | 52.5 | 59.5 | 25 | 13 | 27 | M26X1.5 | 5 | FJ-M27X2.0FD | 136.5 | 40 | 14.5 | 52.5 | 59.5 | 40 | 13.5 | 27 | M27X2.0 | 5 | FJ-M36X2.0FD | 194.5 | 60 | 20.5 | 77.5 | 84 | 54 | 18 | 36 | M36X2.0 | 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| Model/Sign | MA | MB | MC | MD | ME | MF | MG | MH | MI/MJ | MK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M8X1.25FD | 51 | 20 | 6 | 17 | 24 | 10.5 | 6 | 8 | M8X1.25 | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M10X1.25FD | 58 | 22 | 7 | 21 | 26 | 11 | 6 | 10 | M10X1.25 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M12X1.25FD | 58 | 22 | 8 | 21 | 28 | 11.5 | 7 | 12 | M12X1.25 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M14X1.5FD | 70 | 22.5 | 8.5 | 28 | 34.5 | 16 | 8 | 15 | M14X1.5 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M16X1.5FD | 90 | 27 | 10 | 41 | 44.5 | 19 | 8 | 17 | M16X1.5 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M18X1.5FD | 92 | 27 | 10 | 41 | 44.5 | 21 | 11 | 18 | M18X1.5 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M20X1.5FD | 102 | 29 | 13 | 46 | 53 | 22 | 10 | 22 | M20X1.5 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M22X1.5FD | 108 | 32 | 13 | 46 | 53 | 25 | 13 | 22 | M22X1.5 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M26X1.5FD | 120 | 32 | 14.5 | 52.5 | 59.5 | 25 | 13 | 27 | M26X1.5 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M27X2.0FD | 136.5 | 40 | 14.5 | 52.5 | 59.5 | 40 | 13.5 | 27 | M27X2.0 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M36X2.0FD | 194.5 | 60 | 20.5 | 77.5 | 84 | 54 | 18 | 36 | M36X2.0 | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Bearing Fitting | | <table border="1"> <thead> <tr> <th>Model/Sign</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>G</th> <th>H</th> <th>I</th> <th>J</th> <th>K</th> <th>L</th> <th>M</th> </tr> </thead> <tbody> <tr><td>FJ-M6X1BJ</td><td>40.5</td><td>31</td><td>11</td><td>20</td><td>6</td><td>7</td><td>M6X1</td><td>13</td><td>18</td><td>11</td><td>9</td><td>7</td></tr> <tr><td>FJ-M8X1.25BJ</td><td>48</td><td>36</td><td>12</td><td>24</td><td>8</td><td>7.5</td><td>M8X1.25</td><td>16</td><td>20</td><td>14</td><td>12</td><td>9</td></tr> <tr><td>FJ-M10X1.25BJ</td><td>57.5</td><td>44</td><td>15.5</td><td>28</td><td>10</td><td>8</td><td>M10X1.25</td><td>19</td><td>25</td><td>17</td><td>14</td><td>10.5</td></tr> <tr><td>FJ-M12X1.25BJ</td><td>66.5</td><td>51.5</td><td>17</td><td>32</td><td>12</td><td>9.5</td><td>M12X1.25</td><td>22</td><td>25</td><td>19</td><td>16</td><td>12</td></tr> <tr><td>FJ-M16X1.5BJ</td><td>85</td><td>65</td><td>25</td><td>40</td><td>16</td><td>11</td><td>M16X1.5</td><td>27</td><td>35</td><td>24</td><td>21</td><td>15</td></tr> <tr><td>FJ-M20X1.5BJ</td><td>102</td><td>77</td><td>30</td><td>50</td><td>20</td><td>12.5</td><td>M20X1.5</td><td>34</td><td>40</td><td>30</td><td>25</td><td>18</td></tr> <tr><td>FJ-M27X2BJ</td><td>145</td><td>109</td><td>40.5</td><td>70</td><td>30</td><td>18.5</td><td>M27X2</td><td>50</td><td>60</td><td>43</td><td>37</td><td>25</td></tr> <tr><td>FJ-M36X2BJ</td><td>168</td><td>127.5</td><td>39.5</td><td>80</td><td>35</td><td>19</td><td>M36X2</td><td>57</td><td>70</td><td>49.5</td><td>43</td><td>28.5</td></tr> </tbody> </table> | Model/Sign | A | B | C | D | E | G | H | I | J | K | L | M | FJ-M6X1BJ | 40.5 | 31 | 11 | 20 | 6 | 7 | M6X1 | 13 | 18 | 11 | 9 | 7 | FJ-M8X1.25BJ | 48 | 36 | 12 | 24 | 8 | 7.5 | M8X1.25 | 16 | 20 | 14 | 12 | 9 | FJ-M10X1.25BJ | 57.5 | 44 | 15.5 | 28 | 10 | 8 | M10X1.25 | 19 | 25 | 17 | 14 | 10.5 | FJ-M12X1.25BJ | 66.5 | 51.5 | 17 | 32 | 12 | 9.5 | M12X1.25 | 22 | 25 | 19 | 16 | 12 | FJ-M16X1.5BJ | 85 | 65 | 25 | 40 | 16 | 11 | M16X1.5 | 27 | 35 | 24 | 21 | 15 | FJ-M20X1.5BJ | 102 | 77 | 30 | 50 | 20 | 12.5 | M20X1.5 | 34 | 40 | 30 | 25 | 18 | FJ-M27X2BJ | 145 | 109 | 40.5 | 70 | 30 | 18.5 | M27X2 | 50 | 60 | 43 | 37 | 25 | FJ-M36X2BJ | 168 | 127.5 | 39.5 | 80 | 35 | 19 | M36X2 | 57 | 70 | 49.5 | 43 | 28.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Model/Sign | A | B | C | D | E | G | H | I | J | K | L | M | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M6X1BJ | 40.5 | 31 | 11 | 20 | 6 | 7 | M6X1 | 13 | 18 | 11 | 9 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M8X1.25BJ | 48 | 36 | 12 | 24 | 8 | 7.5 | M8X1.25 | 16 | 20 | 14 | 12 | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M10X1.25BJ | 57.5 | 44 | 15.5 | 28 | 10 | 8 | M10X1.25 | 19 | 25 | 17 | 14 | 10.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M12X1.25BJ | 66.5 | 51.5 | 17 | 32 | 12 | 9.5 | M12X1.25 | 22 | 25 | 19 | 16 | 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M16X1.5BJ | 85 | 65 | 25 | 40 | 16 | 11 | M16X1.5 | 27 | 35 | 24 | 21 | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M20X1.5BJ | 102 | 77 | 30 | 50 | 20 | 12.5 | M20X1.5 | 34 | 40 | 30 | 25 | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M27X2BJ | 145 | 109 | 40.5 | 70 | 30 | 18.5 | M27X2 | 50 | 60 | 43 | 37 | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FJ-M36X2BJ | 168 | 127.5 | 39.5 | 80 | 35 | 19 | M36X2 | 57 | 70 | 49.5 | 43 | 28.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |