



### Order example:

**MFC – 1004 T**

MODEL

THREAD SIZE

TYPE

T: Standard type  
F: FAC type  
L: LB type

**T**

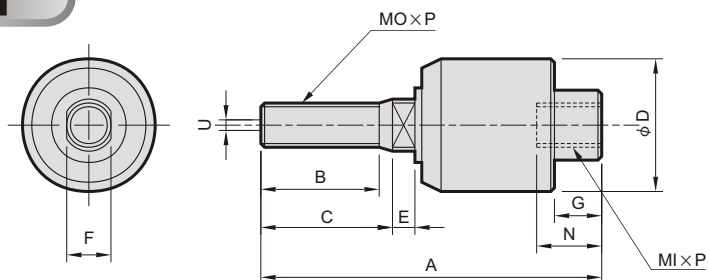
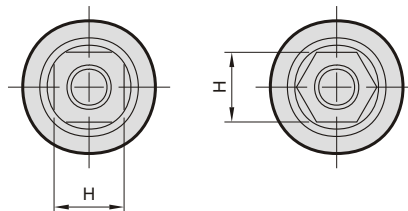


Fig.1

Fig.2



| Model     | Cyl. dia | MI罐P              | MO□P              | A    | B  | C   | D  | E  | F  | G    | H  | N  | Permissible<br>U deviation | Illustration<br>fig no. | Weight |
|-----------|----------|-------------------|-------------------|------|----|-----|----|----|----|------|----|----|----------------------------|-------------------------|--------|
| MFC-1003T | 6        | M3×0.5            | M3×0.5            | 24.5 | 8  | 9   | 12 | 2  | 3  | 4    | 8  | 7  | 0.5                        | Fig.1                   | 10 g   |
| MFC-1004T | 8        | M4×0.7            | M4×0.7            | 24.5 | 8  | 9   | 12 | 2  | 4  | 4    | 8  | 7  | 0.5                        | Fig.1                   | 10 g   |
| MFC-1005T | 10, 15   | M5×0.8            | M5×0.8            | 38   | 14 | 15  | 18 | 3  | 5  | 5    | 11 | 9  | 0.5                        | Fig.1                   | 30 g   |
| MFC-1006T | 15       | M6×1.0            | M6×1.0            | 38   | 14 | 15  | 18 | 3  | 6  | 5    | 11 | 9  | 0.5                        | Fig.1                   | 30 g   |
| MFC-1008T | 20       | M8×1.25           | M8×1.25           | 50   | 18 | 20  | 24 | 4  | 8  | 7    | 14 | 12 | 0.5                        | Fig.1                   | 70 g   |
| MFC-1010T | 25, 30   | M10×1.25/1.5      | M10×1.25/1.5      | 59   | 20 | 22  | 26 | 5  | 10 | 7    | 17 | 14 | 0.75                       | Fig.1                   | 103 g  |
| MFC-1012T | 40       | M12×1.25/1.5/1.75 | M12×1.25/1.5/1.75 | 57   | 20 | 22  | 28 | 5  | 12 | 8    | 19 | 12 | 0.75                       | Fig.1                   | 121 g  |
| MFC-1014T | 40       | M14×1.5           | M14×1.5           | 70   | 21 | 24  | 35 | 7  | 14 | 8    | 22 | 17 | 1                          | Fig.1                   | 245 g  |
| MFC-1016T | 50, 63   | M16×1.5           | M16×1.5           | 90   | 26 | 28  | 45 | 9  | 16 | 13   | 28 | 24 | 1.25                       | Fig.1                   | 500 g  |
| MFC-1018T | 50, 63   | M18×1.5           | M18×1.5           | 90   | 26 | 28  | 45 | 9  | 18 | 13   | 28 | 24 | 1.25                       | Fig.1                   | 500 g  |
| MFC-1020T | 80       | M20×1.5           | M20×1.5           | 103  | 30 | 32  | 55 | 10 | 20 | 16   | 32 | 27 | 2                          | Fig.2                   | 800 g  |
| MFC-1022T | 80       | M22×1.5           | M22×1.5           | 103  | 30 | 32  | 55 | 10 | 22 | 16   | 32 | 27 | 2                          | Fig.2                   | 800 g  |
| MFC-1024T | 100      | M24×1.5           | M24×1.5           | 124  | 35 | 38  | 61 | 12 | 24 | 19   | 41 | 33 | 2.5                        | Fig.2                   | 1.3 kg |
| MFC-1026T | 100      | M26×1.5           | M26×1.5           | 130  | 43 | 45  | 61 | 12 | 26 | 19   | 41 | 33 | 2.5                        | Fig.2                   | 1.3 kg |
| MFC-1027T | 125      | M27×2.0           | M27×2.0           | 153  | 63 | 65  | 63 | 20 | 27 | 19   | 41 | 33 | 2.5                        | Fig.2                   | 1.7 kg |
| MFC-1030T | 125, 140 | M30×1.5/2.0/3.5   | M30×1.5/2.0/3.5   | 153  | 57 | 59  | 63 | 20 | 30 | 18   | 41 | 33 | 3                          | Fig.2                   | 1.7 kg |
| MFC-1036T | 140, 160 | M36×1.5/2.0       | M36×1.5/2.0       | 195  | 80 | 82  | 75 | 18 | 36 | 22   | 50 | 41 | 4                          | Fig.2                   | 2.9 kg |
| MFC-1040T | 160      | M40×2.0           | M40×2.0           | 194  | 82 | 100 | 75 | 18 | 40 | 23   | 54 | 41 | 5                          | Fig.2                   | 7.5 kg |
| MFC-1045T | 160      | M45×2.0           | M45×2.0           | 205  | 78 | 95  | 85 | 14 | 45 | 33.5 | 64 | 50 | 5                          | Fig.2                   | 8.0 kg |
| MFC-1050T | 160      | M50×2.0           | M50×2.0           | 208  | 78 | 95  | 85 | 14 | 50 | 33.5 | 64 | 50 | 6                          | Fig.2                   |        |

※Permissible pressure range: pneumatic pressure must below 10kgf/cm<sup>2</sup>, hydraulic pressure must below 70kgf/cm<sup>2</sup>.

### Features:

- The minor error connects between two shafts can be removed.
- The machining accuracy can be neglected.
- The shaft alignment's time for the error tolerance connects between two shafts can be finished and installed easily, even the newcomer can do also.
- The abnormal noise can be prohibited.
- Small in dimension but can be loaded high tension & compression.
- Long time for the machine parts and the packing in the cylinder or the rod sealing's damage can be prohibited, reduced the producing's cost.
- The compression's decrease can be prohibited.

### F

Fig.3

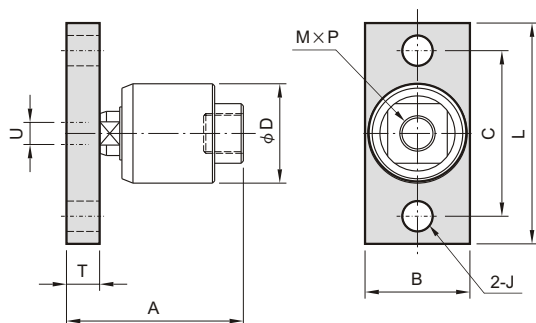
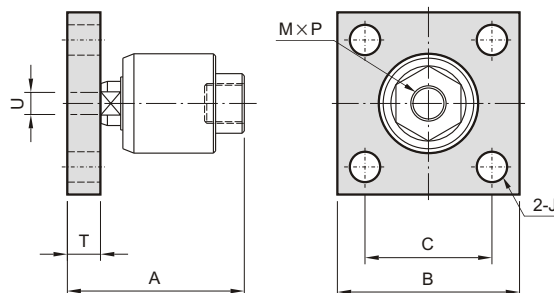


Fig.4



| Model     | Cyl. dia | M×P      | A   | B   | C  | J  | L  | T  | Permissible<br>U deviation | Illustration<br>fig no. | Weight |
|-----------|----------|----------|-----|-----|----|----|----|----|----------------------------|-------------------------|--------|
| MFC-1008F | 20       | M8×1.25  | 38  | 25  | 40 | 7  | 52 | 6  | 0.5                        | Fig.3                   | 120 g  |
| MFC-1010F | 25, 30   | M10×1.25 | 46  | 32  | 44 | 7  | 56 | 9  | 0.75                       | Fig.3                   | 210 g  |
| MFC-1012F | 40       | M12×1.25 | 46  | 32  | 44 | 7  | 56 | 9  | 0.75                       | Fig.3                   | 220 g  |
| MFC-1014F | 40       | M14×1.5  | 61  | 38  | 60 | 11 | 80 | 12 | 1                          | Fig.3                   | 500 g  |
| MFC-1018F | 50, 63   | M18×1.5  | 80  | 74  | 45 | 11 | -  | 15 | 1.25                       | Fig.4                   | 1.1 kg |
| MFC-1020F | 80       | M20×1.5  | 91  | 100 | 62 | 14 | -  | 18 | 1.25                       | Fig.4                   | 1.1 kg |
| MFC-1026F | 100      | M26×1.5  | 108 | 100 | 70 | 14 | -  | 21 | 2.5                        | Fig.4                   | 2.2 kg |
| MFC-1027F | 125      | M27×2.0  | 111 | 100 | 70 | 14 | -  | 21 | 2.5                        | Fig.4                   | -      |
| MFC-1030F | 125, 140 | M30×1.5  | 117 | 100 | 70 | 14 | -  | 21 | 3                          | Fig.4                   | 2.7 kg |
| MFC-1036F | 140, 160 | M36×1.5  | 140 | 130 | 95 | 16 | -  | 25 | 4                          | Fig.4                   | 2.8 kg |

※Permissible pressure range: pneumatic pressure must below 10kgf/cm<sup>2</sup>, hydraulic pressure must below 70kgf/cm<sup>2</sup>.

### L

Fig.5

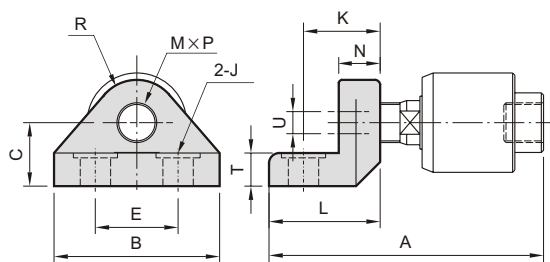
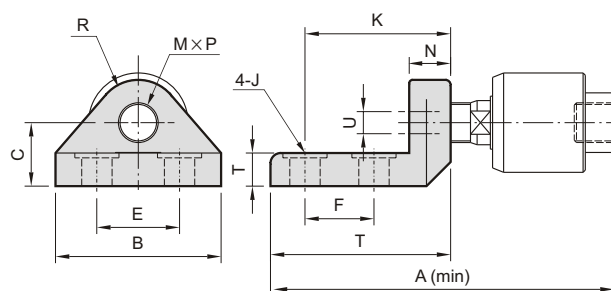


Fig.6



| Model     | Cyl. dia | M×P      | A   | B  | C  | E  | F  | J  | K    | L   | N  | R  | T  | Illustration<br>fig no. | Weight |
|-----------|----------|----------|-----|----|----|----|----|----|------|-----|----|----|----|-------------------------|--------|
| MFC-1008L | 20       | M8×1.25  | 61  | 44 | 15 | 26 | -  | 9  | 19   | 29  | 11 | 9  | 4  | Fig.5                   | 149 g  |
| MFC-1010L | 25, 30   | M10×1.25 | 72  | 44 | 19 | 26 | -  | 9  | 24   | 35  | 13 | 10 | 5  | Fig.5                   | 223 g  |
| MFC-1012L | 40       | M12×1.5  | 72  | 44 | 19 | 26 | -  | 9  | 24   | 35  | 13 | 10 | 5  | Fig.5                   | 240 g  |
| MFC-1014L | 40       | M14×1.5  | 105 | 66 | 22 | 36 | -  | 11 | 40.5 | 56  | 21 | 15 | 10 | Fig.5                   | 600 g  |
| MFC-1018L | 50, 63   | M18×1.5  | 155 | 60 | 28 | 32 | 32 | 11 | 76   | 90  | 31 | 17 | 15 | Fig.6                   | 1.2 kg |
| MFC-1022L | 80       | M22×1.5  | 179 | 68 | 35 | 36 | 36 | 14 | 89   | 106 | 40 | 19 | 20 | Fig.6                   | 2.0 kg |
| MFC-1026L | 100      | M26×1.5  | 199 | 68 | 42 | 36 | 36 | 14 | 95   | 112 | 46 | 21 | 20 | Fig.6                   | 2.4 kg |

※Permissible pressure range: pneumatic pressure must below 10kgf/cm<sup>2</sup>, hydraulic pressure must below 70kgf/cm<sup>2</sup>.