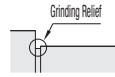


Cantilever Shafts

Shouldered



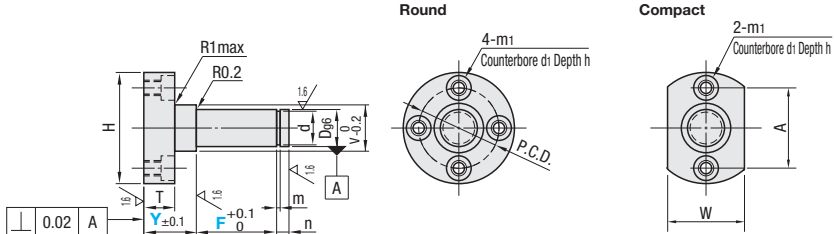
| Type | | Material | Surface Treatment |
|--------------|--------------|------------|----------------------------|
| Round | Compact | | |
| FXFA | FXEA | S45C | Black Oxide |
| PFXFA | PFXEA | Equivalent | Electroless Nickel Plating |
| SFXFA | SFXEA | SUS304 | - |



6.3 / (1.6 /)

All types except FXFA and FXEA have an undercut groove at R0.2 step.

| D Tolerance (g6) | |
|------------------|------------------|
| 6 | -0.004 -0.012 |
| 8-10 | -0.005 -0.014 |
| 12-18 | -0.006 -0.017 |
| 20-30 | -0.007 -0.020 |
| 35-50 | -0.009 -0.025 |



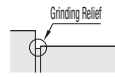
This type may have centering holes depending on dimensions.

| Part Number Type | No. | D | 1mm Increment | | V | H | T | m1 | d1 | h | P.C.D. | d Tolerance | | m | n | W | A | Unit Price | | | | | | | | |
|--------------------------|-----|----|---------------|--------|----|----|----|-----|-----|-----|--------|-------------|--------|--------|-----|----|----|------------|--------------|--------|-------|----|--|--|--|--|
| | | | Y | F | | | | | | | | Round FXFA | PFXFA | | | | | SFXFA | Compact FXEA | PFXEA | SFXEA | | | | | |
| Round FXFA PFXFA SFXFA | 6 | 6 | 12-60 | 5-100 | 8 | 26 | 10 | M 4 | 6.5 | 3.5 | 17 | 5 | +0.075 | 0.7 | 2 | 14 | 17 | | | | | | | | | |
| | 6A | | | | | | | | | | | 23 | 0 | | | | | 15 | 19 | | | | | | | |
| | 8 | | | | | | | | | | | 19 | +0.090 | | | | | 15 | 19 | | | | | | | |
| | 8A | | | | | | | | | | | 19 | 0 | | | | | - | - | | | | | | | |
| | 10 | 10 | 12-60 | 5-100 | 10 | 36 | 10 | M 5 | 8 | 4.4 | 26 | 7 | 0 | | 0.9 | 3 | 16 | 23 | | | | | | | | |
| | 10A | | | | | | | | | | | | 30 | 9.6 | | | | | - | - | | | | | | |
| | 12 | | | | | | | | | | | | 30 | -0.090 | | | | | - | - | | | | | | |
| | 12A | | | | | | | | | | | | 26 | 11.5 | | | | | 0 | 20 | 26 | | | | | |
| | 13 | | | | | | | | | | | | 27 | 12.4 | | | | | -0.110 | 22 | 27 | | | | | |
| | 15 | | | | | | | | | | | | 30 | 14.3 | | | | | | 24 | 30 | | | | | |
| Compact FXEA PFXEA SFXEA | 16 | 16 | 17-75 | 10-150 | 19 | 42 | 15 | M 5 | 8 | 4.4 | 30 | 14.3 | | 1.15 | 4 | 25 | 31 | | | | | | | | | |
| | 17 | | | | | | | | | | | 31 | 15.2 | | | | | 28 | 32 | | | | | | | |
| | 18 | | | | | | | | | | | 32 | 16.2 | | | | | 29 | 32 | | | | | | | |
| | 18A | | | | | | | | | | | 34 | 17 | | | | | 31 | 34 | | | | | | | |
| | 20 | 20 | 17-75 | 10-150 | 24 | 48 | 15 | M 6 | 9.5 | 5.4 | 36 | 19 | 0 | 1.35 | 5 | 32 | 36 | | | | | | | | | |
| | 22 | | | | | | | | | | | 39 | 21 | | | | | -0.210 | 34 | 39 | | | | | | |
| | 25 | | | | | | | | | | | 42 | 23.9 | | | | | 38 | 42 | | | | | | | |
| | 30 | | | | | | | | | | | 34 | 62 | | | | | 49 | 28.6 | 42 | 49 | | | | | |
| | 35 | | | | | | | | | | | 39 | 70 | | | | | 55 | 33 | 0 | 50 | 55 | | | | |
| | 40 | | | | | | | | | | | 44 | 80 | | | | | 63 | 38 | -0.250 | 56 | 63 | | | | |
| 50 | 54 | 90 | 73 | 47 | | 70 | 73 | | | | | | | | | | | | | | | | | | | |

Mounting holes are tapped and counterbored to allow mounting from either the front or the back side.



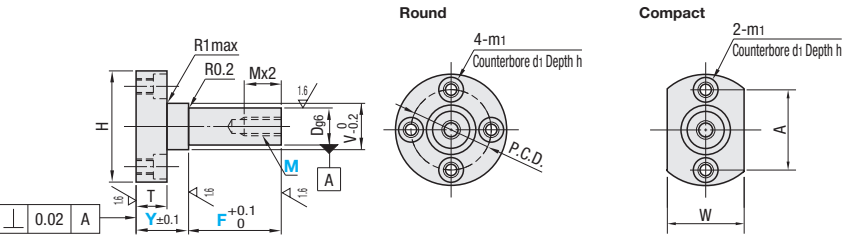
| Type | | Material | Surface Treatment |
|--------------|--------------|------------|----------------------------|
| Round | Compact | | |
| FXFB | FXEB | S45C | Black Oxide |
| PFXFB | PFXEB | Equivalent | Electroless Nickel Plating |
| SFXFB | SFXEB | SUS304 | - |



6.3 / (1.6 /)

All types except FXFB and FXEB have an undercut groove at R0.2 step.

| D Tolerance (g6) | |
|------------------|------------------|
| 6 | -0.004 -0.012 |
| 8, 10 | -0.005 -0.014 |
| 12-18 | -0.006 -0.017 |
| 20-30 | -0.007 -0.020 |
| 35-50 | -0.009 -0.025 |



This type may have centering holes depending on dimensions.

| Part Number Type | No. | D | 1mm Increment | | V | H | T | M (Coarse) Selection | m1 | d1 | h | P.C.D. | W | A | Unit Price | | | | | | | | | |
|--------------------------|-----|----|---------------|--------|----|----|----|----------------------|-----|-----|-----|--------|----|----|------------|-------|-------|--------------|-------|-------|--|--|--|--|
| | | | Y | F | | | | | | | | | | | Round FXFB | PFXFB | SFXFB | Compact FXEB | PFXEB | SFXEB | | | | |
| Round FXFB PFXFB SFXFB | 6 | 6 | 12-60 | 5-100 | 8 | 26 | 10 | 3 | M 4 | 6.5 | 3.5 | 17 | 14 | 17 | | | | | | | | | | |
| | 6A | | | | | | | | | | | | 23 | - | - | | | | | | | | | |
| | 8 | | | | | | | | | | | | 19 | 15 | 19 | | | | | | | | | |
| | 8A | | | | | | | | | | | | 19 | - | - | | | | | | | | | |
| | 10 | 10 | 12-60 | 5-100 | 10 | 36 | 10 | 4 | M 5 | 8 | 4.4 | 26 | 7 | 16 | 23 | | | | | | | | | |
| | 10A | | | | | | | | | | | | | | | 30 | - | - | | | | | | |
| | 12 | | | | | | | | | | | | | | | 30 | - | - | | | | | | |
| | 12A | | | | | | | | | | | | | | | 26 | 20 | 26 | | | | | | |
| | 13 | | | | | | | | | | | | | | | 27 | 22 | 27 | | | | | | |
| | 15 | | | | | | | | | | | | | | | 30 | 24 | 30 | | | | | | |
| Compact FXEB PFXEB SFXEB | 16 | 16 | 17-75 | 10-150 | 19 | 42 | 15 | 5 | M 5 | 8 | 4.4 | 30 | 24 | 30 | | | | | | | | | | |
| | 17 | | | | | | | | | | | | | | 31 | 25 | 31 | | | | | | | |
| | 18 | | | | | | | | | | | | | | 32 | 28 | 32 | | | | | | | |
| | 18A | | | | | | | | | | | | | | 34 | 31 | 34 | | | | | | | |
| | 20 | 20 | 17-75 | 10-150 | 24 | 48 | 15 | 6 | M 6 | 9.5 | 5.4 | 36 | 32 | 36 | | | | | | | | | | |
| | 22 | | | | | | | | | | | | | | 39 | 34 | 39 | | | | | | | |
| | 25 | | | | | | | | | | | | | | 42 | 38 | 42 | | | | | | | |
| | 30 | | | | | | | | | | | | | | 49 | 42 | 49 | | | | | | | |
| | 35 | | | | | | | | | | | | | | 55 | 50 | 55 | | | | | | | |
| | 40 | | | | | | | | | | | | | | 63 | 56 | 63 | | | | | | | |
| 50 | 73 | 70 | 73 | | | | | | | | | | | | | | | | | | | | | |

Mounting holes are tapped and counterbored to allow mounting from either the front or the back side.