

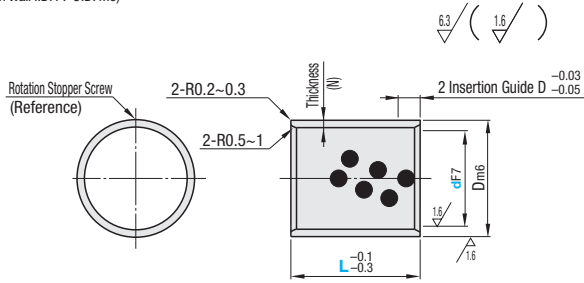
Oil Free Bushings

Copper Alloy Straight / Thin Wall, I.D. F7 O.D. m6

■ **Features:** Suitable for use in limited space.

■ **Thin Wall I.D. F7 O.D. m6**

MPBZU (Thin Wall I.D. F7 O.D. m6)



- ☑ Recommended Mating Shaft for I.D. F7 Type d8: General Use (High-Load) f8: High Precision Use
- ☑ Use of Rotation Stopper Screws is recommended to affix bushings. e7: General Use (Light Load), g6: High Precision Use (Intermittent Operation)
- ☑ Material: High Tensile Brass Alloy Solid Lubricant Embedded

RoHS10

| Part Number | | dF7 | L | | | | | | | Dm6 | Thickness (N) | Housing Dia. (Recommended Dimension) | | Rotation Stopper Screw (Reference) |
|-------------|----|------------------|----|----|----|----|----|------------------|----|-----|---------------|--------------------------------------|----------------|------------------------------------|
| Type | | | | | | | | | | | | Ref. Dim. | Tolerance (H7) | |
| MPBZU | 5 | +0.022 | 8 | 10 | 12 | | | | | 7 | 1 | 7 | +0.015 0 | M4x8 |
| | 6 | +0.010 | 8 | 10 | 12 | 15 | 16 | | | 8 | | 8 | | |
| | 8 | +0.028 +0.013 | 8 | 10 | 12 | 15 | 16 | 20 | 25 | 10 | | 12 | | |
| | 10 | | 8 | 10 | 12 | 15 | 16 | 20 | 25 | 12 | 15 | | | |
| | 12 | +0.034 +0.016 | 10 | 12 | 15 | 16 | 20 | 25 | 15 | 1.5 | 15 | +0.018 0 | M5x8 | |
| | 13 | | 10 | 12 | 15 | 16 | 20 | 25 | 16 | | 16 | | | |
| | 15 | | 10 | 12 | 15 | 16 | 20 | 25 | 30 | | 18 | | | 18 |
| | 16 | | 10 | 12 | 15 | 16 | 20 | 25 | 30 | | 20 | | | 20 |
| | 18 | +0.041 +0.020 | 12 | 15 | 16 | 20 | 25 | 30 | 22 | 2 | 22 | +0.021 0 | M6x16 | |
| | 20 | | 15 | 16 | 20 | 25 | 30 | 40 | 24 | | 24 | | | |
| | 25 | | 15 | 16 | 20 | 25 | 30 | 40 | 29 | | 29 | | | |
| | 30 | | 15 | 16 | 20 | 25 | 30 | 40 | 34 | | 34 | | | |
| | 35 | +0.050 +0.025 | 20 | 25 | 30 | 40 | | | 40 | 2.5 | 40 | +0.025 0 | M8x16 | |
| | 40 | | 20 | 25 | 30 | 40 | 50 | 45 | 45 | | | | | |
| | 50 | | 30 | 40 | 50 | 55 | 55 | +0.030 +0.011 | 55 | | +0.030 0 | | | |

| Part Number | Unit Price | | | | | | | | | | | |
|-------------|------------|---|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | Type | d | L8 | L10 | L12 | L15 | L16 | L20 | L25 | L30 | L40 | L50 |
| MPBZU | 5 | | | | | - | - | - | - | - | - | - |
| | 6 | | | | | | | - | - | - | - | - |
| | 8 | | | | | | | | - | - | - | - |
| | 10 | | | | | | | | - | - | - | - |
| | 12 | - | | | | | | | - | - | - | - |
| | 13 | - | | | | | | | - | - | - | - |
| | 15 | - | | | | | | | - | - | - | - |
| | 16 | - | | | | | | | - | - | - | - |
| | 18 | - | - | | | | | | - | - | - | - |
| | 20 | - | - | - | | | | | - | - | - | - |
| | 25 | - | - | - | | | | | - | - | - | - |
| | 30 | - | - | - | | | | | - | - | - | - |
| | 35 | - | - | - | - | | | | - | - | - | - |
| | 40 | - | - | - | - | - | | | - | - | - | - |
| | 50 | - | - | - | - | - | - | | - | - | - | - |

■ O.D. Dimension Comparison Table

| d | Dimension Variation | | Thin Wall MPBZU | | Standard Type MPBZ | |
|----|---------------------|---------------|-----------------|---------------|--------------------|---------------|
| | O.D. Dm6 | Thickness (N) | O.D. Dm6 | Thickness (N) | O.D. Dm6 | Thickness (N) |
| 5 | -2 | -1 | 7 | 1 | 9 | 2 |
| 6 | -2 | -1 | 8 | | 10 | |
| 8 | -2 | -1 | 10 | | 12 | |
| 10 | -2 | -1 | 12 | | 14 | |
| 12 | -3 | -1.5 | 15 | 1.5 | 18 | 3 |
| 13 | -3 | -1.5 | 16 | | 19 | |
| 15 | -3 | -1.5 | 18 | | 21 | |
| 16 | -2 | -1 | 20 | | 22 | |
| 18 | -2 | -1 | 22 | 2 | 24 | 4 |
| 20 | -4 | -2 | 24 | | 28 | |
| 25 | -4 | -2 | 29 | | 33 | |
| 30 | -4 | -2 | 34 | | 38 | |
| 35 | -4 | -2 | 40 | 2.5 | 44 | 4.5 |
| 40 | -5 | -2.5 | 45 | | 50 | 5 |
| 50 | -7 | -3.5 | 55 | | 62 | 6 |



Ordering Example

Part Number - L
MPBZU16 - 20