

Oil Free Bushings

Copper Alloy Straight, Standard

Points on Comparing Similar Products | If you use it for high-precision positioning, high load weight, and high frequency movement, consider from the existing product series.

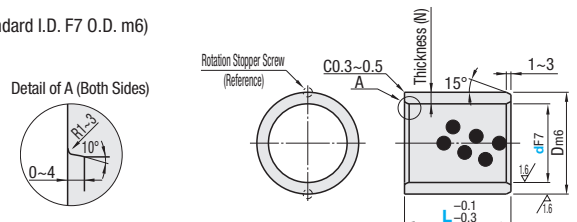
■ **Features:** Copper Alloy Bushings in general use.

■ **Standard**



RoHS10

MPBZ (Standard I.D. F7 O.D. m6)



 Recommended Mating Shaft for I.D. F7 Type

d8: General Use (High-Load)

e7: General Use (Light Load)

f8: High Precision Use

g6: High Precision Use (Intermittent Operation)

M Material: High Tensile Brass Alloy
Solid Lubricant Embedd

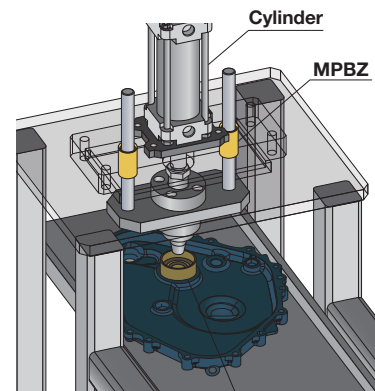
Part Number			L																Dm6		Thickness (N)	Housing Dia. (Recommended Dimension)		Rotation Stopper Screw (Reference)*
Type	dF7																					Standard Dimension	Tolerance (H7)	
MPBZ	5	+0.022	8	9	10	12	15											9	+0.015	2	9	+0.015	M4x8	
	6	+0.010	8	9	10	12	15	16	19	20							10	+0.006	10		0			
	8	+0.028	8	9	10	12	15	16	19	20	25	30					12	+0.018 +0.007	12		+0.018 0			
	10	+0.013	8	9	10	12	15	16	19	20	25	30					14		14					
	12	+0.034 +0.016	8	9	10	12	15	16	19	20	25	30	35						18	18				
	13		9	10	12	15	16	19	20	25	30	35					19	+0.021 +0.008	19	+0.021 0				
	15		9	10	12	15	16	19	20	25	30	35	40						21					
	16		9	10	12	15	16	19	20	25	30	35	40						22					
	18	9	10	12	15	16	19	20	25	30	35	40					24							
	20	+0.041 +0.020	9	10	12	15	16	19	20	25	30	35	40	50	60					28	+0.025 +0.009	28	+0.025 0	
	20A		9	10	12	15	16	19	20	25	30	35	40	50					30					
	25		12	15	16	19	20	25	30	35	40	50	60					33						
	25A		12	15	16	19	20	25	30	35	40	50	60					35						
	30	+0.050 +0.025	12	15	16	19	20	25	30	35	40	50	60	70					38	+0.030 +0.011	38	+0.030 0		
	35		20	25	30	35	40	50	60	70					44									
	40		20	25	30	35	40	50	60	70	80					50								
	50		30	35	40	50	60	70	80					62										
	60	+0.060																	75	+0.035	75	+0.035	M8x16	
80	+0.030																	96	+0.013	96	+0.035			
100	+0.021 +0.036	80 100																120		120	0			

	Existing Products Copper Alloy	
Lubrication	Regular	Unlubricated
Maximum Allowable Load	29.0 (98.0) N/mm ²	
	296 (1000) kgf/cm ²	
Maximum Allowable Velocity	1.00m/s	0.5m/s
	60m/min	30m/min

Value in () is the allowable static surface pressure.

[illegible]

Example



Press Fit Work



Ordering Example

Part Number	-	L
MPBZ10	-	15