

Oil Free Bushings

Copper Alloy Straight, Standard

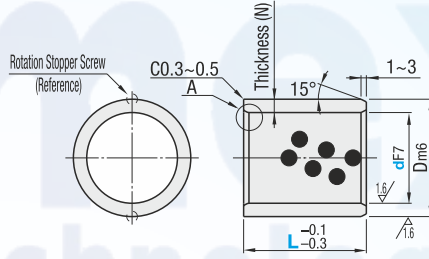
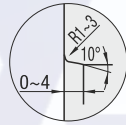
● **Features:** Copper Alloy Bushings in general use.

● **Standard**

● **DMPBZ** (Standard I.D.F7 O.D.m6)



Detail of A (Both Sides)



- Recommended Mating Shaft for I.D. F7 Type
- Use of Rotation Stopper Screws is recommended to affix bushings.

- f8: High Precision Use
- g6: High Precision Use (Intermittent Operation)

M Material: High Tensile Brass Alloy
Solid Lubricant Embedded

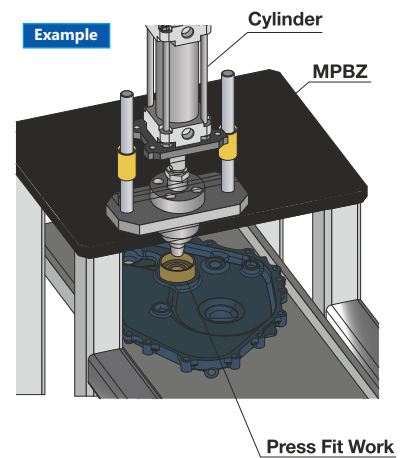
Type	Part Number		L	Dm6	Thickness (N)	Housing Dia. (Recommended Dimension)		Rotation Stopper Screw (Reference)*		
	dF7					Standard Dimension	Tolerance (H7)			
DMPBZ	5	+0.022	8 9 10 12 15	9	+0.015	9	+0.015	M4 x 8		
	6	+0.01	8 9 10 12 15 16 19 20	10	+0.006	10	0			
	8	+0.028	8 9 10 12 15 16 19 20 25	12	+0.018	12	+0.018			
	10	+0.013	8 9 10 12 15 16 19 20 25 30	14		14			0	
	12	+0.034	8 9 10 12 15 16 19 20 25 30 35	18	+0.021	18	+0.021		M5 x 8	
	13		9 10 12 15 16 19 20 25 30 35	19		19				
	15		9 10 12 15 16 19 20 25 30 35 40	21		21				
	16		9 10 12 15 16 19 20 25 30 35 40	22		22				
	18	9 10 12 15 16 19 20 25 30 35 40	24	24	24	0				
	20	+0.041	9 10 12 15 16 19 20 25 30 35 40 50 60	28	+0.008	4	28			+0.025
	20 A		9 10 12 15 16 19 20 25 30 35 40 50	30		5	30			
	25	+0.020	12 15 16 19 20 25 30 35 40 50 60	33	+0.025	4	33			+0.025
	25 A		12 15 16 19 20 25 30 35 40 50 60	35		5	35	0		
	30	+0.050	12 15 16 19 20 25 30 35 40 50 60 70	38	+0.009	4	38	+0.030		
	32		20 30 40	42		5	42		+0.030	
	35		20 25 30 35 40 50 60 70	44		4.5	44			
	38		40	48		5	48			
	40	+0.025	20 25 30 35 40 50 60 70 80	50	+0.030	6	50	+0.030		
	45		30 35 40 50 60	55		5	55			
	50	+0.060	30 35 40 50 60 70 80	62	+0.011	6	62	+0.030		
	55		30 35 40 50 60 70	70		7	70			
	60		50 60 70 80	75		7.5	75			
	65		50 60 70 80	80		7.5	80			
	70	+0.030	50 60 70 80	85	+0.035	8	85	+0.035		
	80		50 60 70 80	96		8	96			
	90	+0.071	80 90	110	+0.013	10	110	+0.035		
	100	+0.036	80 100	120		10	120		0	

Existing Products Copper Alloy	Existing Products Copper Alloy		C-VALUE Products Copper Alloy	
	Regular	Unlubricated	Regular	Unlubricated
Maximum Allowable Surface Pressure	29.0 (98.0) N/mm ²		20.3 (68.6) N/mm ²	
	296 (1000) kgf/cm ²		207.2 (700) kgf/cm ²	
Maximum Allowable Velocity	1.00m/s	0.5m/s	0.7m/s	0.35m/s
	60m/min	30m/min	42m/min	21m/min

Value in () is the allowable static surface pressure.

Part Number	Type	d
		5
		6
		8
		10
		12
		13
		15
		16
		18
		20
		20 A
		25
		25 A
		30

Part Number	Type	d
		32
		35
		38
		40
		45
		50
		55
		60
		65
		70
		80
		90
		100



Basic Specifications

- **Type** - Straight
- **Operating Temperature Range (°C)** - -40:150
- **Max. Allowable Surface Pressure P (N/mm²)** - 29
- **Mounting Hole Fits** - H7
- **Metal Type** - High-Tensile Brass Alloy

