

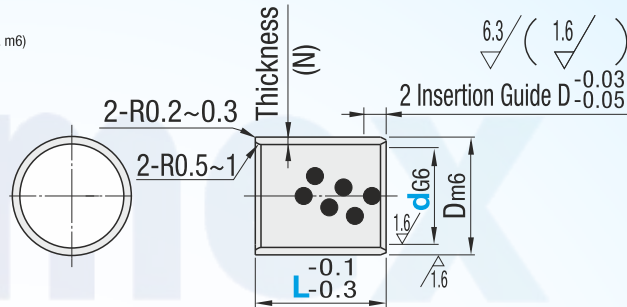
# Oil Free Bushings - Copper Alloy Straight, Thin Wall, I.D. G6 O.D. m6



● **Features:** More precise linear and rotary motion compared to I.D. F7 O.D. m6 (MPBZ, MPBZU) and I.D. E7 O.D. r6 (MPBR, MPBRU) can be achieved by keeping the clearance between bushings and g6 shafts small

● **Thin Wall, I.D. G6 O.D. m6**

**DMPBPU**  
(Thin Wall I.D. G6 O.D. m6)



● **How to use DMPBPU**  
Use of Rotation Stopper Screws is recommended to affix bushings.  
Recommended Mating Shaft for I.D. G6 Type, g6: High Precision Use

■ **Material:** High Tensile Brass Alloy  
Solid Lubricant Embedded

Part Number		L	DMPBPU	
Type	dG6		Dm6 (*1)	Thickness (N)
DMPBPU	5	+0.012	8 10 12 (15)	7
	6	+0.004	8 10 12 15 16	8
	8	+0.014	10 12 15 16 20	10
	10	+0.005	10 12 15 16 20 25	12
	12	+0.017 +0.006	12 15 16 20 25	15
	13		12 15 16 20 25	16
	15		12 15 16 20 25	18
	16		12 15 16 20 25	20
	20	+0.020 +0.007	15 16 20 25 30	24
	25		16 20 25 30 40	29
	30		16 20 25 30 40	34

D	DMPBPU	
	O.D. m6 (*1)	Housing Dia. G7 (#2)
7~10	+0.015 +0.006	+0.020 +0.005
11~18	+0.018 +0.007	+0.024 +0.006
19~30	+0.021 +0.008	+0.028 +0.007
31~50	+0.025 +0.009	+0.034 +0.009

● **Tolerance G7 (\*2) to D dimensions (\*1) for housing diameter**

● **\* Indicated dimensions of Rotation Stopper Screws are recommended dimensions**

● **Basic Specifications**

- **Type** - Straight
- **Maximum Allowable Velocity (m/s)** - 0.5
- **Operating Temperature Range (°C)** - -40:150
- **Metal Type** - High-Tensile Brass Alloy
- **Max. Allowable PV Value Range (N/mm<sup>2</sup> · m/s)** - 1.1~2.0
- **Max. Allowable Surface Pressure P (N/mm<sup>2</sup>)** - 29
- **Max. Allowable PV Value (N/mm<sup>2</sup>·m/s)** - 1.65

## ORDERING GUIDE



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