

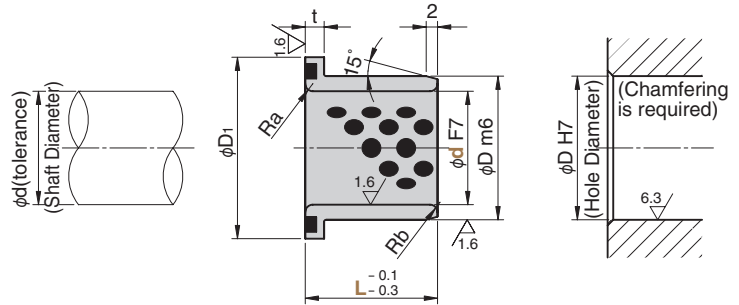
# Oilless Thrust Bush

Copper Alloy I.D.  
F7 · O.D. m6 Type

SO#50SP2



## SOBB



### ● Sliding Direction



### ● Mating post tolerance

d8 : General use (high load)  
e7 : General use (light load)  
f7 : High precision

### ● Other operating conditions and characteristics

Can be used in the atmosphere and fresh water (on condition).  
Good performance in operation under high load and at low speed.

When the product is used at high temperature (150 °C or more), the embedding specification of solid lubricant is different. Please contact us for details.

Material Base Copper alloy (SO-2)  
Solid lubricant (GR-1)

## Operation Range

Lubricant Type	Lubricating Condition	Environment Condition	Max. Allowable Load P N/mm <sup>2</sup>	Max. Allowable Sliding Speed V m/min	Max. Allowable PV value N/mm <sup>2</sup> · m/min	Operation Range Temperature °C
GR-1	No lubrication	Atmosphere	100	15	150	-50 ~ +300
	Regular lubrication (Grease)			30	200	-50 ~ +150

## Physical Properties

Specific Gravity	Hardness HB	Elongation %	Tensile Strength N/mm <sup>2</sup>	Linear Expansion Coefficient ×10 <sup>-5</sup> /°C
7.9	210 or more	12 or more	755 or more	1.9

d F7	D m6	D <sub>1</sub>	t	R <sub>a</sub>	R <sub>b</sub>	Catalog No.	d	L
12	18	25	4		1	SOBB	12	15
16	22	30					16	20
20	28	36					20	25
25	33	43	5	2			25	30
30	38	48			2		30	35
40	50	60					40	45
50	62	75	6				50	55
60	75	90	7	3			60	65



Order

Catalog No.

SOBB

d

20

L

25