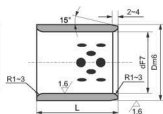


## SPB / SB-SOB Oilless Cylindrical Bushings 自润滑轴套



### Material Specifications 材料

材料: 高力青铜+固体润滑剂  
CuZn25Al5Mn4Fe3 + Graphite(#500SP)

Housing Tolerance 相配座孔公差

相配座孔公差等级推荐H7  
Housing tolerance recommended H7

### How To Order 订货方式

Code	d	D	L
● SPB	06	10	08
● SOB	06	10	08

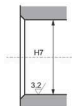
I.D. $\phi d$ 内径 F7	O.D. $\phi D$ 外径 m6	L $\begin{matrix} -0.1 \\ -0.3 \end{matrix}$									
		8	10	12	15	16	19	20			
6	+0.022 +0.010	10	+0.015 +0.005	●	●	●					
8	+0.028 +0.013	12		●	●	●					
10		14	+0.018 +0.007	●	●	●					●
12		18		●	●	●	●		●		●
13		19					●				●
14		20					●				●
15	+0.034 +0.016	21		●	●	●		●			●
16		22		●	●	●		●		●	●
17		23	+0.021 +0.005				●				
18		24		●	●	●		●			●
19		26					●				●
20		28		●	●	●			●		●
22		30		●	●	●					●
25	+0.041 +0.020	32		●	●	●					●
28		35					●				●
30		38									●
32		40	+0.025 +0.009		●	●					●
35		42									●
38		44									●
40	+0.050 +0.025	45									●
45		48									●
		50					●				●
		55					●				
		56	+0.030 +0.011								
		60									

## SPB / SB-SOB Oilless Cylindrical Bushings 自润滑轴套



Mating Shaft  
相配轴

d8: High load 高负荷  
e7: Light load 轻负荷  
f7: High precision 高精度



Mating Housing  
相配座孔

### Material Specifications 材料

材料: 高力青铜+固体润滑剂  
CuZn25Al5Mn4Fe3 + Graphite(500#SP)

### Housing Tolerance 相配座孔公差

相配座孔公差等级推荐H7  
Housing tolerance recommended H7

### How To Order 订单方式

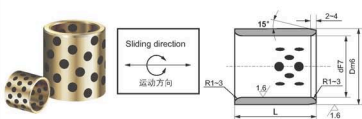
Code d D L  
● SPB 12 18 25  
● SOB 12 18 25

Unit(单位): mm

L <sup>+0.1</sup> / <sub>-0.3</sub>								I.D. After Press-Fitting 压装后内孔	SPW Washer 适用垫片	I.D. 内径
25	30	35	40	50	60	70	80			
								+0.019 +0.007	—	6
								+0.025 +0.010	—	8
●	●							+0.031 +0.015	12	12
●	●								13	13
●	●								14	14
●	●	●							15	15
●	●	●						+0.030 +0.012	16	16
									18	17
●	●	●							18	18
									20	19
●	●		●	●					20	20
●	●	●	●	●					20	
●	●								25	22
●	●	●	●	●	●	●			25	25
●	●	●	●	●	●	●			25	
●	●	●	●	●	●	●		+0.037 +0.016	30	28
●	●	●	●	●	●	●			30	30
●	●	●	●	●	●	●			30	
●	●	●	●	●	●	●			35	32
●	●	●	●	●	●	●			35	35
●	●	●	●	●	●	●			35	
			●	●	●	●			40	38
●	●	●	●	●	●	●	●		40	40
●	●	●	●	●	●	●	●		40	
		●	●	●	●	●		+0.045 +0.020	45	45
●	●	●	●	●	●	●	●		45	
●	●	●	●	●	●	●	●		45	

※压入后内孔公差值仅供参考。  
The ID tolerance after fitting is for reference.

**SPB / SB-SOB Oilless Cylindrical Bushings 自润滑轴套**



**Material Specifications 材料**  
 材料: 高力黄铜+固体润滑剂  
 CuZn25Al5Mn4Fe3 + Graphite(500#SP)

**Housing Tolerance 相配孔径公差**  
 相配孔径公差等级推荐H7  
 Housing tolerance recommended H7

**How To Order 订单方式**

Code	d	D	L
● SPB	50	60	20
● SOB	50	60	20

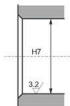
I.D. $\phi$ d 内径 F7		O.D. $\phi$ D 外径 m6		L $\begin{matrix} 21 \\ 23 \end{matrix}$						
				20	30	35	40	50	60	70
50	+0.050 +0.025	60	+0.030 +0.011	●	●	●	●	●	●	●
		62		●	●	●	●	●	●	
		65		●	●	●	●	●	●	
55	70	●		●	●	●	●	●	●	
		60		74	●	●	●	●	●	●
63	75				●	●	●	●	●	●
		65		80	●	●	●	●	●	●
70	85				●	●	●	●	●	●
		75		90	●	●	●	●	●	●
80	95				●	●	●	●	●	●
		85	100	●	●	●	●	●	●	
90	110			●	●	●	●	●	●	
		100	120	●	●	●	●	●	●	
110	130			●	●	●	●	●	●	
		120	140	●	●	●	●	●	●	
125	145			●	●	●	●	●	●	
		130	150	●	●	●	●	●	●	
140	160			●	●	●	●	●	●	
		150	170	●	●	●	●	●	●	
160	180			●	●	●	●	●	●	
		170	190	●	●	●	●	●	●	
180	200			●	●	●	●	●	●	
		190	210	●	●	●	●	●	●	
200	230			●	●	●	●	●	●	

## SPB / SB-SOB Oilless Cylindrical Bushings 自润滑轴套



Mating Shaft  
相配轴

d8: High load 高负荷  
e7: Light load 轻负荷  
f7: High precision 高精度



Mating Housing  
相配座孔

### Material Specifications 材料

材料: 高力黄铜+固体润滑剂  
CuZn25Al5Mn4Fe3 + Graphite(500#SP)

Housing Tolerance 相压座孔公差

相配座孔公差等级推荐H7  
Housing tolerance recommended H7

### How To Order 订单方式

Code d D L  
● SPB 50 60 80  
● SOB 50 60 80

Unit(单位): mm

L $\begin{matrix} -0.1 \\ -0.3 \end{matrix}$								I.D. After Press-Fitting 压装后内孔	SPW ( Washer ) 适用垫片	I.D. $\phi$ d 内径
80	90	100	120	130	140	150	200			
●								+0.045 +0.020	50	50
●									55	55
●		●						+0.055 +0.025	60	60
●									65	63
●									65	65
●		●							70	70
●									75	75
●		●						+0.054 +0.024	75	75
●		●	●						80	80
●		●	●						90	85
●	●	●	●					+0.065 +0.030	90	90
●	●	●	●						100	100
●	●	●	●					+0.064 +0.029	120	110
●	●	●	●						120	120
●	●	●	●							125
●	●	●	●							130
●	●	●	●							140
●	●	●	●					+0.076 +0.036	—	150
●	●	●	●							160
●	●	●	●							170
●	●	●	●							180
●	●	●	●							190
●	●	●	●					+0.088 +0.042		200

※压入后内孔公差值做参考。  
The ID tolerance after fitting is for reference.