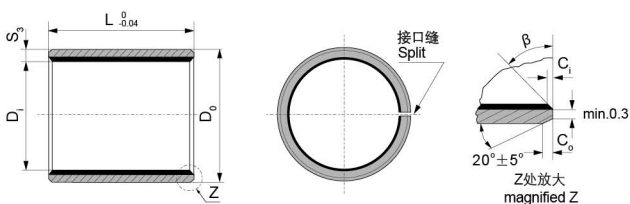


# SF-1 标准公制轴套 SF-1 Standard Metric Bearing



内外倒角 ID and OD chamfers

$S_3$	$C_0$	$C_1$	$\beta$	$S_3$	$C_0$	$C_1$	$\beta$
0.75	$0.5 \pm 0.3$	$0.25 \pm 0.2$	$30^\circ \pm 5^\circ$	2.00	$1.2 \pm 0.4$	$0.50 \pm 0.3$	$30^\circ \pm 5^\circ$
1.00	$0.6 \pm 0.3$	$0.30 \pm 0.2$	$30^\circ \pm 5^\circ$	2.50	$1.8 \pm 0.6$	$0.60 \pm 0.3$	$45^\circ \pm 5^\circ$
1.50	$0.7 \pm 0.3$	$0.50 \pm 0.3$	$30^\circ \pm 5^\circ$				

单位 unit:mm

轴径(f7) Shaft $D_s$	座孔(H7) Housing $D_H$	(OD) 外径公差 Tolerance $D_0$	(ID)压装后 内孔公差 After fixed $D_{Ia}$	配合间隙 Clearance $D_D$	壁厚 Wall thick-ness $S_3$	长度 L $\begin{matrix} 0 \\ -0.40 \end{matrix}$ ( $d \leq \Phi 28$ L-0.30 $d > \Phi 30$ L-0.40)															
						6	8	10	12	15	20	25	30	40	50						
6	-0.010 -0.022	8 +0.015	8 +0.055 +0.025	6.055 5.990	0.077 0.000	1.005 0.980	0606	0608	0610												
8	-0.013 -0.028	10 +0.015	10 +0.055 +0.025	8.055 7.990	0.083 0.003		0806	0808	0810	0812	0815										
10	-0.013 -0.028	12 +0.018	12 +0.065 +0.030	10.058 9.990	0.086 0.003		1006	1008	1010	1012	1015	1020									
12	-0.016 -0.034	14 +0.018	14 +0.065 +0.030	12.058 11.990			1206	1208	1210	1212	1215	1220	1225								
13	-0.016 -0.034	15 +0.018	15 +0.065 +0.030	13.058 12.990					1310	1312	1315	1320	1325								
14	-0.016 -0.034	16 +0.018	16 +0.065 +0.030	14.058 13.990	0.092 0.006				1410	1412	1415	1420	1425								
15	-0.016 -0.034	17 +0.018	17 +0.065 +0.030	15.058 14.990					1510	1512	1515	1520	1525								
16	-0.016 -0.034	18 +0.018	18 +0.065 +0.030	16.058 15.990					1610	1612	1615	1620	1625								
17	-0.016 -0.034	19 +0.021	19 +0.075 +0.035	17.061 16.990	0.095 0.006				1710	1712	1715	1720	1725								
18	-0.016 -0.034	20 +0.021	20 +0.075 +0.035	18.061 17.990					1810	1812	1815	1820	1825								
20	-0.020 -0.041	23 +0.021	23 +0.075 +0.035	20.071 19.990		1.505 1.475			2010	2012	2015	2020	2025	2030							
22	-0.020 -0.041	25 +0.021	25 +0.075 +0.035	22.071 21.990	0.112 0.010					2210	2212	2215	2220	2225	2230						
24	-0.020 -0.041	27 +0.021	27 +0.075 +0.035	24.071 23.990						2410	2412	2415	2420	2425	2430						
25	-0.020 -0.041	28 +0.021	28 +0.075 +0.035	25.071 24.990						2510	2512	2515	2520	2525	2530	2540	2550				
28	-0.020 -0.041	32 +0.025	32 +0.085 +0.045	28.085 27.990	0.126 0.010						2812	2815	2820	2825	2830	2840	2850				
30	-0.020 -0.041	34 +0.025	34 +0.085 +0.045	30.085 29.990						3012	3015	3020	3025	3030	3040	3050					
32	-0.025 -0.050	36 +0.025	36 +0.085 +0.045	32.085 31.990		2.005 1.970				3212	3215	3220	3225	3230	3240	3250					
35	-0.025 -0.050	39 +0.025	39 +0.085 +0.045	35.085 34.990	0.135 0.015						3512	3515	3520	3525	3530	3540	3550				
38	-0.025 -0.050	42 +0.025	42 +0.085 +0.045	38.085 37.990							3812	3815	3820	3825	3830	3840	3850				
40	-0.025 -0.050	44 +0.025	44 +0.085 +0.045	40.085 39.990							4012	4015	4020	4025	4030	4040	4050				

## SF-1 标准公制轴套 SF-1 Standard Metric Bearing

轴径(f7) Shaft D <sub>s</sub>	座孔(H7) Housing D <sub>H</sub>	(OD) 外径公差 Tolerance D <sub>O</sub>	(ID)压装后 内孔公差 After fixed D <sub>1a</sub>	配合间隙 Clearance D <sub>D</sub>	壁厚 Wall thick- ness S <sub>3</sub>	长度 L <sup>0</sup> <sub>-0.40</sub>												
						20	25	30	40	50	60	70	80	100	115			
45	-0.050 -0.025	50 +0.025	50 +0.085 +0.045	45.105 44.990	0.155 0.015	2.505 2.460	4520	4525	4530	4540	4550							
50	-0.050 -0.025	55 +0.030	55 +0.100 +0.055	50.110 49.990	0.160 0.015		5020	5025	5030	5040	5050	5060						
55	-0.060 -0.030	60 +0.030	60 +0.100 +0.055	55.110 54.990					5530	5540	5550	5560						
60	-0.060 -0.030	65 +0.030	65 +0.100 +0.055	60.110 59.990					6030	6040	6050	6060	6070					
65	-0.060 -0.030	70 +0.030	70 +0.100 +0.055	65.110 64.990	0.170 0.020				6530	6540	6550	6560	6570					
70	-0.060 -0.030	75 +0.030	75 +0.100 +0.055	70.110 69.990					7030	7040	7050	7060	7070	7080				
75	-0.060 -0.030	80 +0.030	80 +0.100 +0.055	75.110 74.990					7530	7540	7550	7560	7570	7580				
80	-0.045	85 +0.035	85 +0.120 +0.070	80.155 80.020	0.201 0.020	2.490 2.440				8040	8050	8060	8070	8080	80100			
85	-0.054	90 +0.035	90 +0.120 +0.070	85.155 85.020							8540	8550	8560	8570	8580	85100		
90	-0.054	95 +0.035	95 +0.120 +0.070	90.155 90.020							9040	9050	9060	9070	9080	90100		
95	-0.054	100 +0.035	100 +0.120 +0.070	95.155 95.020	0.209 0.020						9550	9560	9570	9580	95100			
100	-0.054	105 +0.035	105 +0.120 +0.070	100.155 100.020							10050	10060	10070	10080	100100	100115		
105	-0.054	110 +0.035	110 +0.120 +0.070	105.155 105.020								10560	10570	10580	105100	105115		
110	-0.054	115 +0.035	115 +0.120 +0.070	110.115 110.020								11060	11070	11080	110100	110115		
120	-0.054	125 +0.040	125 +0.170 +0.100	120.210 120.070	0.264 0.070	2.465 2.415					12060	12070	12080	120100	120115			
125	-0.063	130 +0.040	130 +0.170 +0.100	125.210 125.070								12560	12570	12580	125100	125115		
130	-0.063	135 +0.040	135 +0.170 +0.100	130.210 130.070								13060	13070	13080	130100	130115		
140	-0.063	145 +0.040	145 +0.170 +0.100	140.210 140.070	0.273 0.070							14060	14070	14080	140100	140115		
150	-0.063	155 +0.040	155 +0.170 +0.100	150.210 150.070								15060	15070	15080	150100	150115		
160	-0.063	165 +0.040	165 +0.170 +0.100	160.210 160.070								16060	16070	16080	160100	160115		
180	-0.063	185 +0.046	185 +0.210 +0.130	180.216 180.070	0.279 0.070		2.465 2.415					18060	18070	18080	180100			
190	-0.072	195 +0.046	195 +0.210 +0.130	190.216 190.070								19060	19070	19080	190100			
200	-0.072	205 +0.046	205 +0.210 +0.130	200.016 200.070	0.288 0.070							20060	20070	20080	200100			
220	-0.072	225 +0.046	225 +0.210 +0.130	220.216 220.070								22060	22070	22080	220100			
250	-0.072	255 +0.052	255 +0.260 +0.170	250.222 250.070	0.294 0.070										25080	250100		
260	-0.081	265 +0.052	265 +0.260 +0.170	260.222 260.070											26080	260100		
280	-0.081	285 +0.052	285 +0.260 +0.170	280.222 280.070	0.303 0.070										28080	280100		
300	-0.081	305 +0.052	305 +0.260 +0.170	300.222 300.070										30080	300100			