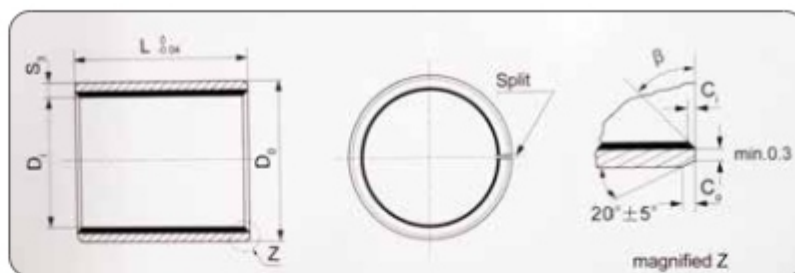


PB FREE SELF LUBRICANTING BUSHES


ID and OD Chamfers

S ₃	C ₀	C ₁	β	S ₃	C ₀	C ₁	β
0.75	0.5±0.3	0.25±0.3	30°±5°	2.00	1.2±0.4	0.50±0.3	30°±5°
1.00	0.6±0.3	0.30±0.3	30°±5°	2.50	1.8±0.6	0.60±0.3	45°±5°
1.50	0.7±0.3	0.50±0.3	30°±5°				

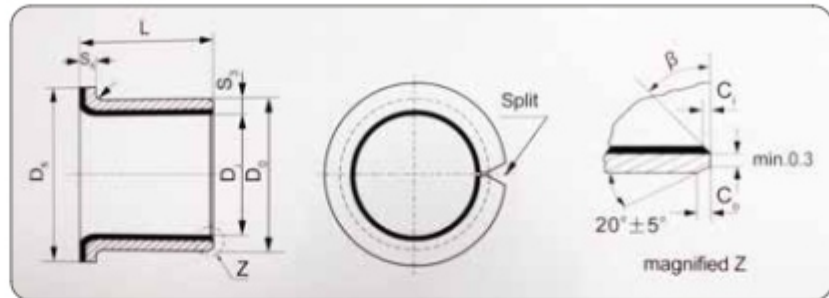
Unit: mm

Shaft(f7) D _s	Housing (H7) D _H	OD tolerance D _O	ID after fixed D ₁	Clearance	Wall thickness S ₃	Length ⁰ 0.40 (d<Φ30 L 0.30) d>Φ30 L 0.30									
						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	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	0.005 0.980	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	1320				
14	-0.016 -0.034	16 +0.018	16 +0.065 +0.030	14.058 13.990				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				1710	1712		1720				
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	0.112 0.010			2010	2012	2015	2020	2025	2030		
22	-0.020 -0.041	25 +0.021	25 +0.075 +0.035	22.071 21.990				2210	2212	2215	2220	2225	2230		
24	-0.020 -0.041	27 +0.021	27 +0.075 +0.035	24.071 23.990						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					2815	2820	2825	2830	2840	
30	-0.020 -0.041	34 +0.025	34 +0.085 +0.045	30.085 29.990					3012	3015	3020	3025	3030	3040	
32	-0.025 -0.050	36 +0.025	36 +0.085 +0.045	32.085 31.990							3220		3230	3240	
35	-0.025 -0.050	39 +0.025	39 +0.085 +0.045	35.085 34.990					3512	3515	3520	3525	3530	3540	3550
38	-0.025 -0.050	42 +0.025	42 +0.085 +0.045	38.085 37.990						3815			3830	3840	
40	-0.025 -0.050	44 +0.025	44 +0.085 +0.045	40.085 39.990					4012		4020	4025	4030	4040	4050

Unit: mm

Shaft(f7) D _S	Housing (H7) D _H	OD tolerance D _O	ID after fixed D _I	Clearance	Wall thickness S ₃	Length ⁰ _{-0.40} (d<Φ30 L=0.30) (d>Φ30 L=0.30)										
						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		5030	5040	5050	5060					
55 ^{-0.060} _{-0.030}	60 ^{+0.030}	60 ^{+0.100} _{+0.055}	55.110 54.990	0.170 0.020				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					6530	6540	6550	6560	6570				
70 ^{-0.060} _{-0.030}	75 ^{+0.030}	75 ^{+0.100} _{+0.055}	70.110 69.990						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	0.209 0.020					8540		8560		8580	85100		
90 ^{-0.054}	95 ^{+0.035}	95 ^{+0.120} _{+0.070}	90.155 90.020						9040	9050	9060		9080	90100		
95 ^{-0.054}	100 ^{+0.035}	100 ^{+0.120} _{+0.070}	95.155 95.020							9550	9560		9580	95100		
100 ^{-0.054}	105 ^{+0.035}	105 ^{+0.120} _{+0.070}	100.155 100.020							10050	10060		10080		100115	
105 ^{-0.054}	110 ^{+0.035}	110 ^{+0.120} _{+0.070}	105.155 105.020								10560		10580		105115	
110 ^{-0.054}	115 ^{+0.035}	115 ^{+0.120} _{+0.070}	110.115 110.020								11060		11080		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		12080	120100		
125 ^{-0.063}	130 ^{+0.040}	130 ^{+0.170} _{+0.100}	125.210 125.070	0.273 0.070							12560			125100	125115	
130 ^{-0.063}	135 ^{+0.040}	135 ^{+0.170} _{+0.100}	130.210 130.070								13060		13080	130100		
140 ^{-0.063}	145 ^{+0.040}	145 ^{+0.170} _{+0.100}	140.210 140.070								14060		14080	14100		
150 ^{-0.063}	155 ^{+0.040}	155 ^{+0.170} _{+0.100}	150.210 150.070								15060		15080	150100		
160 ^{-0.063}	165 ^{+0.040}	165 ^{+0.170} _{+0.100}	160.210 160.070								16060		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							18080	180100	
190 ^{-0.072}	195 ^{+0.046}	195 ^{+0.210} _{+0.130}	190.216 190.070	0.288 0.070									19080	190100		
200 ^{-0.072}	205 ^{+0.046}	205 ^{+0.210} _{+0.130}	200.016 200.070										20080	200100		
220 ^{-0.072}	225 ^{+0.046}	225 ^{+0.210} _{+0.130}	220.216 220.070								20060		2280	220100		
250 ^{-0.072}	255 ^{+0.052}	255 ^{+0.260} _{+0.170}	250.222 250.070	0.294 0.070	2.465 2.415							25080	250100			
260 ^{-0.081}	265 ^{+0.052}	265 ^{+0.260} _{+0.170}	260.222 260.070	0.303 0.070									26080	260100		
280 ^{-0.081}	285 ^{+0.052}	285 ^{+0.260} _{+0.170}	280.222 280.070										28080	28100		
300 ^{-0.081}	300 ^{+0.052}	300 ^{+0.260} _{+0.170}	300.222 300.070													

PB FREE SELF LUBRICATING BUSHES



S_3	1.0	1.5	2.0	2.5
r	1 ⁰⁰	1±0.5	1.5±0.5	2±0.5

Unit: mm

Shaft D _s	Housing (H7) D _H	OD tolerance D _O	ID after fixed D _{IΔ}	Clearance	Designation	Wall thickness S ₃	Dimension					
							D _I	D _O	D _F ± 0.5	L ± 0.25	S _{H-0.2}	
6 -0.013 -0.028	8 +0.015	8 +0.055 +0.025	6.055 5.990	0.077 0.000	06040	1.005 0.980	6	8	12	4	1	
					06070					7		
8 -0.013 -0.028	10 +0.015	10 +0.055 +0.025	8.055 7.990	0.083 0.003	08055		8	10	15	5.5		
					08075					7.5		
10 -0.016 -0.034	12 +0.018	12 +0.055 +0.025	10.058 9.990	0.086 0.003	10070		10	12	18	7		
					10090					9		
					10120					12		
					12070					7		
12 -0.016 -0.034	14 +0.018	14 +0.065 +0.030	12.058 11.990	0.092 0.006	12090		12	14	20	9		
					12120					12		
					14120					12		
					14170					17		
14 -0.016 -0.034	16 +0.018	16 +0.065 +0.030	14.058 13.990		15090		14	16	22	9		
					15120					12		
					15170					17		
					15 -0.016 -0.034		17 +0.018	17 +0.065 +0.030	15.058 14.990	16120		15
16170	17											
18120	12											
16 -0.016 -0.034	18 +0.018	18 +0.065 +0.030	16.058 15.990							18170		16
					18200		20					
				20115	20	23	30	11.5				
				20165				16.5				
20215	21.5											
22 -0.020 -0.041	25 +0.021	25 +0.075 +0.035	22.071 21.990	0.112 0.010	22150	22	25	32	15			
					22200				20			
					25115				25	28	35	11.5
					25165							16.5
25215	21.5											
30 -0.020 -0.041	34 +0.025	34 +0.075 +0.035	30.085 29.990		0.126 0.010	30160	2.005 1.970	30	34	42	16	
						30260					26	
35 -0.020 -0.041	39 +0.025	39 +0.085 +0.045	35.085 34.990			0.135 0.015		35160	35	39	47	16
				35260				26				
40 -0.020 -0.041	44 +0.025	44 +0.085 +0.045	40.085 39.990	40260	40			44	53	26		
				40400						40		