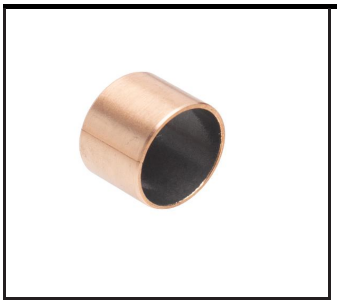
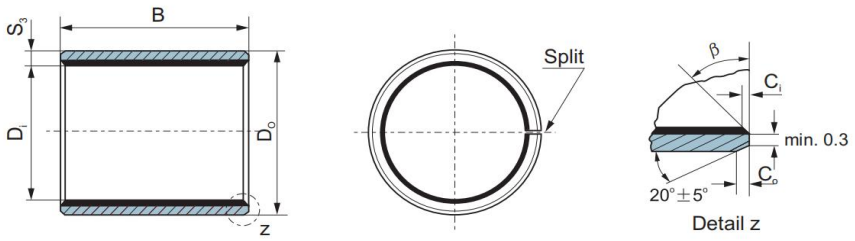
SLIDE BEARING SPECIALIST

PVB011 Metric Cylindrical Bushing





OD and ID chamfers

S_3	C_o	C_i	β	S_3	C_o	C_i	β
0.75	0.5±0.3	0.25±0.2	30° ±5°	2.00	1.2±0.4	0.50±0.3	30° ±5°
1.00	0.6±0.3	0.30±0.2	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°				

shaft D_k	Housing H7 D_H	D tolerance D_o	ID after fixed D_{1a}	Clearance C_o	Wall thickness S_3	$B_{-0.4}$ (d≤φ30 $B_{-0.3}$;d＞φ40 $B_{-0.4}$)									
						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	PVB011 0606	PVB011 0608	PVB011 0610							
8 -0.013 -0.028	10 +0.015	10 +0.055 +0.025	8.055 7.990	0.083 0.003		PVB011 0806	PVB011 0808	PVB011 0810	PVB011 0812	PVB011 0815					
10 -0.013 -0.028	12 +0.018	12 +0.065 +0.030	10.058 9.990	0.086 0.003		PVB011 1006	PVB011 1008	PVB011 1010	PVB011 1012	PVB011 1015	PVB011 1020				
12 -0.016 -0.034	14 +0.018	14 +0.065 +0.030	12.058 11.990	0.092 0.006		PVB011 1206	PVB011 1208	PVB011 1210	PVB011 1212	PVB011 1215	PVB011 1220	PVB011 1225			
13 -0.016 -0.034	15 +0.018	15 +0.065 +0.030	13.058 12.990					PVB011 1310			PVB011 1320				
14 -0.016 -0.034	16 +0.018	16 +0.065 +0.030	14.058 13.990					PVB011 1410	PVB011 1412	PVB011 1415	PVB011 1420	PVB011 1425			
15 -0.016 -0.034	17 +0.018	17 +0.065 +0.030	15.058 14.990					PVB011 1510	PVB011 1512	PVB011 1515	PVB011 1520	PVB011 1525			
16 -0.016 -0.034	18 +0.018	18 +0.065 +0.030	16.058 15.990					PVB011 1610	PVB011 1612	PVB011 1615	PVB011 1620	PVB011 1625			
17 -0.016 -0.034	19 +0.021	19 +0.075 +0.035	17.061 16.990	0.095 0.006				PVB011 1710	PVB011 1712		PVB011 1720				
18 -0.016 -0.034	20 +0.021	20 +0.075 +0.035	18.061 17.990					PVB011 1810	PVB011 1812	PVB011 1815	PVB011 1820	PVB011 1825			
20 -0.020 -0.041	23 +0.021	23 +0.075 +0.035	20.071 19.990	0.112 0.010	1.505 1.475			PVB011 2010	PVB011 2012	PVB011 2015	PVB011 2020	PVB011 2025	PVB011 2030		
22 -0.020 -0.041	25 +0.021	25 +0.075 +0.035	22.071 21.990					PVB011 2210	PVB011 2212	PVB011 2215	PVB011 2220	PVB011 2225	PVB011 2230		
24 -0.020 -0.041	27 +0.021	27 +0.075 +0.035	24.071 23.990							PVB011 2415	PVB011 2420	PVB011 2425	PVB011 2430		
25 -0.020 -0.041	28 +0.021	28 +0.075 +0.035	25.071 24.990					PVB011 2510	PVB011 2512	PVB011 2515	PVB011 2520	PVB011 2525	PVB011 2530	PVB011 2540	PVB011 2550
28 -0.020 -0.041	32 +0.025	32 +0.085 +0.045	28.085 27.990	0.126 0.010	2.005 1.970					PVB011 2815	PVB011 2820	PVB011 2825	PVB011 2830	PVB011 2840	
30 -0.020 -0.041	34 +0.025	34 +0.085 +0.045	30.085 29.990						PVB011 3012	PVB011 3015	PVB011 3020	PVB011 3025	PVB011 3030	PVB011 3040	
32 -0.025 -0.050	36 +0.025	36 +0.085 +0.045	32.085 31.990	0.135 0.015							PVB011 3220		PVB011 3230	PVB011 3240	
35 -0.025 -0.050	39 +0.025	39 +0.085 +0.045	35.085 34.990						PVB011 3512	PVB011 3515	PVB011 3520	PVB011 3525	PVB011 3530	PVB011 3540	PVB011 3550
38 -0.025 -0.050	42 +0.025	42 +0.085 +0.045	38.085 37.990							PVB011 3815			PVB011 3830	PVB011 3840	
40 -0.025 -0.050	44 +0.025	44 +0.085 +0.045	40.085 39.990						PVB011 4012		PVB011 4020	PVB011 4025	PVB011 4030	PVB011 4040	PVB011 4050

SLIDE BEARING SPECIALIST

PVB011 Metric Cylindrical Bushes

shaft D_s	Housing H7 D_H	oD tolerance D_o	ID after fixed $D_{i,a}$	clearance c_D	wall thickness s_3	B $^{0}_{-0.40}$									
						20	25	30	40	50	60	70	80	100	115
45 $^{-0.025}_{-0.05}$	50 $^{+0.025}$	50 $^{+0.085}_{+0.045}$	45.105 44.990	0.155 0.015	2.505 2.460	PVB011 4520	PVB011 4525	PVB011 4530	PVB011 4540	PVB011 4550					
50 $^{-0.025}_{-0.05}$	55 $^{+0.030}$	55 $^{+0.100}_{+0.055}$	50.110 49.990	0.160 0.015		PVB011 5020		PVB011 5030	PVB011 5040	PVB011 5050	PVB011 5060				
55 $^{-0.03}_{-0.06}$	60 $^{+0.030}$	60 $^{+0.100}_{+0.055}$	55.110 54.990					PVB011 5530	PVB011 5540	PVB011 5550	PVB011 5560				
60 $^{-0.03}_{-0.06}$	65 $^{+0.030}$	65 $^{+0.100}_{+0.055}$	60.110 59.990					PVB011 6030	PVB011 6040	PVB011 6050	PVB011 6060	PVB011 6070			
65 $^{-0.03}_{-0.06}$	70 $^{+0.030}$	70 $^{+0.100}_{+0.055}$	65.110 64.990	0.170 0.020				PVB011 6530	PVB011 6540	PVB011 6550	PVB011 6560	PVB011 6570			
70 $^{-0.03}_{-0.06}$	75 $^{+0.030}$	75 $^{+0.100}_{+0.055}$	70.110 69.990						PVB011 7040	PVB011 7050	PVB011 7060	PVB011 7070	PVB011 7080		
75 $^{-0.03}_{-0.06}$	80 $^{+0.030}$	80 $^{+0.100}_{+0.055}$	75.110 74.990					PVB011 7530	PVB011 7540	PVB011 7550	PVB011 7560	PVB011 7570	PVB011 7580		
80 $^{0}_{-0.046}$	85 $^{+0.035}$	85 $^{+0.120}_{+0.070}$	80.155 80.020	0.201 0.020	2.490 2.440				PVB011 8040	PVB011 8050	PVB011 8060	PVB011 8070	PVB011 8080	PVB011 80100	
85 $^{0}_{-0.054}$	90 $^{+0.035}$	90 $^{+0.120}_{+0.070}$	85.155 85.020	0.209 0.020					PVB011 8540		PVB011 8560		PVB011 8580	PVB011 85100	
90 $^{0}_{-0.054}$	95 $^{+0.035}$	95 $^{+0.120}_{+0.070}$	90.155 90.020						PVB011 9040	PVB011 9050	PVB011 9060		PVB011 9080	PVB011 90100	
95 $^{0}_{-0.054}$	100 $^{+0.035}$	100 $^{+0.120}_{+0.070}$	95.155 95.020							PVB011 9550	PVB011 9560		PVB011 9580	PVB011 95100	
100 $^{0}_{-0.054}$	105 $^{+0.035}$	105 $^{+0.120}_{+0.070}$	100.155 100.020							PVB011 10050	PVB011 10060		PVB011 10080		PVB011 100115
105 $^{0}_{-0.054}$	110 $^{+0.035}$	110 $^{+0.120}_{+0.070}$	105.155 105.020								PVB011 10560		PVB011 10580		PVB011 105115
110 $^{0}_{-0.054}$	115 $^{+0.035}$	115 $^{+0.120}_{+0.070}$	110.155 110.020								PVB011 11060		PVB011 11080		PVB011 110115
120 $^{0}_{-0.054}$	125 $^{+0.040}$	125 $^{+0.170}_{+0.100}$	120.210 120.070	0.264 0.070	2.465 2.415						PVB011 12060		PVB011 12080	PVB011 120100	
125 $^{0}_{-0.063}$	130 $^{+0.040}$	130 $^{+0.170}_{+0.100}$	125.210 125.070	0.273 0.070							PVB011 12560			PVB011 125100	PVB011 125115
130 $^{0}_{-0.063}$	135 $^{+0.040}$	135 $^{+0.170}_{+0.100}$	130.210 130.070								PVB011 13060		PVB011 13080	PVB011 130100	
140 $^{0}_{-0.063}$	145 $^{+0.040}$	145 $^{+0.170}_{+0.100}$	140.210 140.070								PVB011 14060		PVB011 14080	PVB011 140100	
150 $^{0}_{-0.063}$	155 $^{+0.040}$	155 $^{+0.170}_{+0.100}$	150.210 150.070								PVB011 15060		PVB011 15080	PVB011 150100	
160 $^{0}_{-0.063}$	165 $^{+0.040}$	165 $^{+0.170}_{+0.100}$	160.210 160.070								PVB011 16060		PVB011 16080	PVB011 160100	PVB011 160115
180 $^{0}_{-0.063}$	185 $^{+0.046}$	185 $^{+0.210}_{+0.130}$	180.216 180.070	0.279 0.070	2.465 2.415								PVB011 18080	PVB011 180100	
190 $^{0}_{-0.072}$	195 $^{+0.046}$	195 $^{+0.210}_{+0.130}$	190.216 190.070										PVB011 19080	PVB011 190100	
200 $^{0}_{-0.072}$	205 $^{+0.046}$	205 $^{+0.210}_{+0.130}$	200.216 200.070	0.288 0.070							PVB011 20060		PVB011 20080	PVB011 200100	
220 $^{0}_{-0.072}$	225 $^{+0.046}$	225 $^{+0.210}_{+0.130}$	220.216 220.070										PVB011 22080	PVB011 220100	
250 $^{0}_{-0.072}$	255 $^{+0.052}$	255 $^{+0.260}_{+0.170}$	250.222 250.070	0.294 0.070	2.465 2.415								PVB011 25080	PVB011 250100	
260 $^{0}_{-0.081}$	265 $^{+0.052}$	265 $^{+0.260}_{+0.170}$	260.222 260.070	0.303 0.070									PVB011 26080	PVB011 260100	
280 $^{0}_{-0.081}$	285 $^{+0.052}$	285 $^{+0.260}_{+0.170}$	280.222 280.070										PVB011 28080	PVB011 280100	
300 $^{0}_{-0.081}$	305 $^{+0.052}$	305 $^{+0.260}_{+0.170}$	300.222 300.070										PVB011 30080	PVB011 300100	