

CBB Oiles 2000 Bushings

Selection Guide

Product Information

Plastic Bearing

Multi-layer Bearing

Metallic Bearing

Air Bearings

Slide Shifter

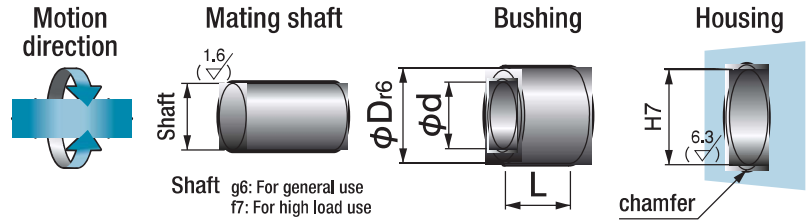
Technical Information

Corporate Profile



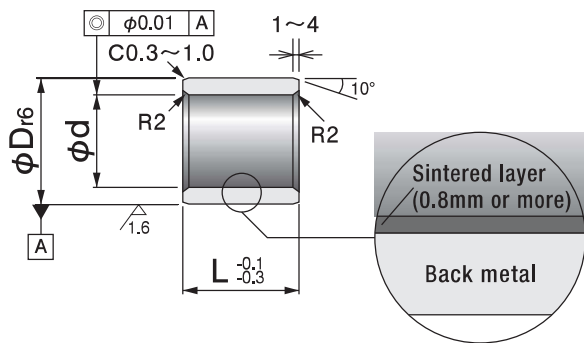
Specify Part No. by required I.D., O.D. and Length.

(e.g.) I.D. is 35mm, O.D. is 44mm, and length is 50mm. **CBB - 354450**
Parts No.



I.D.		O.D.		Length L									Tolerance $\begin{matrix} -0.1 \\ -0.3 \end{matrix}$	
ϕd	Tolerance	ϕD	Tolerance	8	10	12	15	16	19	20	25	30		
12	+0.049 +0.038	18	+0.034 +0.023	121808	121810	121812	121815	121816	121819	121820	121825	121830		
13	+0.053 +0.042	19	+0.041 +0.028		131910	131912	131915			131920	131925	131930		
14	+0.053 +0.042	20	+0.041 +0.028		142010	142012	142015			142020	142025	142030		
15	+0.053 +0.042	21	+0.041 +0.028		152110	152112	152115	152116		152120	152125	152130		
16	+0.053 +0.042	22	+0.041 +0.028		162210	162212	162215	162216	162219	162220	162225	162230		
18	+0.053 +0.042	24	+0.041 +0.028		182410	182412	182415	182416		182420	182425	182430		
20	+0.060 +0.047	28	+0.041 +0.028		202810	202812	202815	202816	202819	202820	202825	202830		
20	+0.060 +0.047	30	+0.041 +0.028				203015	203016		203020	203025	203030		
25	+0.065 +0.052	33	+0.050 +0.034			253312	253315	253316		253320	253325	253330		
25	+0.065 +0.052	35	+0.050 +0.034				253515	253516		253520	253525	253530		
28	+0.065 +0.052	38	+0.050 +0.034							283820	283825	283830		
30	+0.065 +0.052	38	+0.050 +0.034			303812	303815			303820	303825	303830		
30	+0.065 +0.052	40	+0.050 +0.034				304015			304020	304025	304030		
35	+0.076 +0.060	44	+0.050 +0.034							354420	354425	354430		
35	+0.076 +0.060	45	+0.050 +0.034							354520	354525	354530		
40	+0.076 +0.060	50	+0.050 +0.034				405015			405020	405025	405030		
45	+0.081 +0.065	55	+0.060 +0.041									455530		
45	+0.081 +0.065	60	+0.060 +0.041									456030		
50	+0.081 +0.065	60	+0.060 +0.041							506020		506030		
50	+0.081 +0.065	62	+0.060 +0.041									506230		
50	+0.081 +0.065	65	+0.060 +0.041									506530		
55	+0.091 +0.072	70	+0.062 +0.043									557030		
60	+0.091 +0.072	74	+0.062 +0.043									607430		
60	+0.091 +0.072	75	+0.062 +0.043									607530		
65	+0.091 +0.072	80	+0.062 +0.043											
70	+0.096 +0.077	85	+0.073 +0.051									708530		
70	+0.096 +0.077	90	+0.073 +0.051											
75	+0.096 +0.077	90	+0.073 +0.051											
75	+0.096 +0.077	95	+0.073 +0.051											
80	+0.096 +0.077	96	+0.073 +0.051											
80	+0.096 +0.077	100	+0.073 +0.051											
90	+0.107 +0.085	110	+0.076 +0.054											
100	+0.107 +0.085	120	+0.076 +0.054											

⚠ The dimensional tolerances are the values measured at +25°C.



- Press fitting is possible.
- Falling out or dislocation prevention is not required.

Length L Tolerance $\begin{smallmatrix} -0.1 \\ -0.3 \end{smallmatrix}$									I.D. tolerance after press fitting (reference)
35	40	50	60	70	80	90	100	120	
									+0.034 +0.023
									+0.034 +0.023
									+0.034 +0.023
									+0.034 +0.023
162235	162240								+0.034 +0.023
	182440								+0.033 +0.022
202835	202840	202850							+0.042 +0.029
203035	203040	203050							+0.042 +0.029
253335	253340	253350	253360						+0.042 +0.029
253535	253540	253550	253560						+0.042 +0.029
	283840								+0.042 +0.029
303835	303840	303850	303860						+0.042 +0.029
304035	304040	304050	304060						+0.042 +0.029
354435	354440	354450	354460						+0.053 +0.037
354535	354540	354550	354560						+0.053 +0.037
405035	405040	405050	405060	405070	405080				+0.053 +0.037
455535	455540	455550	455560						+0.053 +0.037
	456040	456050	456060	456070	456080				+0.056 +0.040
506035	506040	506050	506060	506070	506080				+0.053 +0.037
	506240	506250	506260	506270					+0.055 +0.039
	506540	506550	506560	506570	506580		5065100		+0.057 +0.041
	557040	557050	557060	557070					+0.064 +0.045
607435	607440	607450	607460	607470	607480				+0.064 +0.045
607535	607540	607550	607560	607570	607580		6075100		+0.064 +0.045
	658040	658050	658060	658070	658080				+0.064 +0.045
708535	708540	708550	708560	708570	708580		7085100		+0.064 +0.045
		709050	709060	709070	709080				+0.067 +0.048
		759050	759060	759070	759080		7590100		+0.064 +0.045
					759580		7595100		+0.067 +0.048
	809640	809650	809660	809670	809680		8096100	8096120	+0.065 +0.046
	8010040	8010050	8010060	8010070	8010080		80100100	80100120	+0.067 +0.048
		9011050	9011060		9011080	9011090	90110100	90110120	+0.076 +0.054
		10012050	10012060	10012070	10012080	10012090	100120100	100120120	+0.076 +0.054