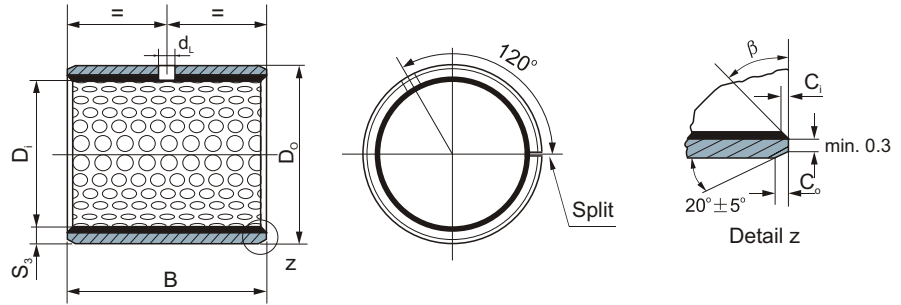


CSB-800 Metric Cylindrical Bushes



ID and OD 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	$35^\circ \pm 5^\circ$	2.00	1.2 ± 0.4	0.50 ± 0.3	$35^\circ \pm 5^\circ$
1.00	0.6 ± 0.3	0.30 ± 0.2	$35^\circ \pm 5^\circ$	2.50	1.8 ± 0.6	0.60 ± 0.3	$45^\circ \pm 5^\circ$
1.50	0.7 ± 0.3	0.50 ± 0.3	$35^\circ \pm 5^\circ$				

Unit:mm

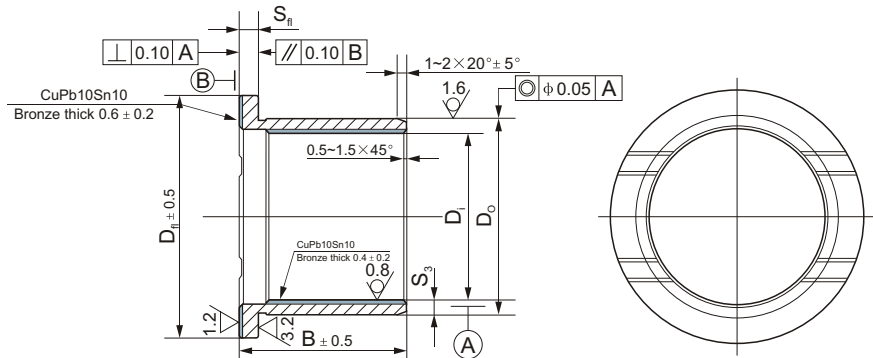
D_i	D_o	Shaft D_s h8	Housing H7 D_H	ID after fixed $D_{i,a}$	Clearance C_D	Wall thickness S_3	Oil hole d_L	$B_{-0.40}^0$							
								10	15	20	25	30	40	50	
10	12	$10_{-0.022}$	$12^{+0.018}$	$+0.148$ $+0.010$	0.170 0.010	0.995 0.935	4	CSB-800 1010	CSB-800 1015	CSB-800 1020					
12	14	$12_{-0.027}$	$14^{+0.018}$					CSB-800 1210	CSB-800 1215	CSB-800 1220					
14	16	$14_{-0.027}$	$16^{+0.018}$					CSB-800 1410	CSB-800 1415	CSB-800 1420					
15	17	$15_{-0.027}$	$17^{+0.018}$					CSB-800 1510	CSB-800 1515	CSB-800 1520					
16	18	$16_{-0.027}$	$18^{+0.018}$					CSB-800 1610	CSB-800 1615	CSB-800 1620					
18	20	$18_{-0.027}$	$20^{+0.021}$					$+0.151$ $+0.010$	0.178 0.010	1.490 1.430	6	CSB-800 1810	CSB-800 1815	CSB-800 1820	CSB-800 1825
20	23	$20_{-0.033}$	$23^{+0.021}$	$+0.161$ $+0.020$	0.194 0.020	CSB-800 2010	CSB-800 2015	CSB-800 2020				CSB-800 2025			
22	25	$22_{-0.033}$	$25^{+0.021}$			CSB-800 2210	CSB-800 2215	CSB-800 2220				CSB-800 2225			
24	27	$24_{-0.033}$	$27^{+0.021}$			CSB-800 2410	CSB-800 2415	CSB-800 2420				CSB-800 2425	CSB-800 2430		
25	28	$25_{-0.033}$	$28^{+0.021}$			CSB-800 2515	CSB-800 2520	CSB-800 2525				CSB-800 2530			
26	30	$26_{-0.033}$	$30^{+0.021}$	$+0.181$ $+0.040$	0.214 0.040	1.980 1.920	8	CSB-800 2615				CSB-800 2620	CSB-800 2625	CSB-800 2630	
28	32	$28_{-0.033}$	$32^{+0.025}$	$+0.185$ $+0.040$				0.218 0.040	CSB-800 2815	CSB-800 2820	CSB-800 2825	CSB-800 2830	CSB-800 2840		
30	34	$30_{-0.033}$	$34^{+0.025}$						CSB-800 3015	CSB-800 3020	CSB-800 3025	CSB-800 3030	CSB-800 3040		
32	36	$32_{-0.039}$	$36^{+0.025}$						CSB-800 3215	CSB-800 3220	CSB-800 3225	CSB-800 3230	CSB-800 3240		
35	39	$35_{-0.039}$	$39^{+0.025}$						CSB-800 3520	CSB-800 3525	CSB-800 3530	CSB-800 3540	CSB-800 3550		
38	42	$38_{-0.039}$	$42^{+0.025}$	0.224 0.040				CSB-800 3820	CSB-800 3825	CSB-800 3830	CSB-800 3840	CSB-800 3850			
40	44	$40_{-0.039}$	$44^{+0.025}$		CSB-800 4020	CSB-800 4025	CSB-800 4030	CSB-800 4040	CSB-800 4050						

CSB-800 Metric Cylindrical Bushes

Unit:mm

D _i	D _o	Shaft D _s h8	Housing H7 D _H	ID after fixed D _{i,a}	Clearance C _D	Wall thickness S ₃	Oil hole d _L	B _{-0.40} ⁰								
								25	30	40	50	60	80	90	100	
45	50	45 _{-0.039}	50 ^{+0.025}	+0.225 +0.080	0.264 0.080	2.460 2.400	8	CSB-800 4525	CSB-800 4530	CSB-800 4540	CSB-800 4550					
50	55	50 _{-0.039}	55 ^{+0.030}	+0.230 +0.080	0.276 0.080				CSB-800 5030	CSB-800 5040	CSB-800 5050	CSB-800 5060				
55	60	55 _{-0.046}	60 ^{+0.030}						CSB-800 5530	CSB-800 5540	CSB-800 5550	CSB-800 5560				
60	65	60 _{-0.046}	65 ^{+0.030}						CSB-800 6030	CSB-800 6040	CSB-800 6050	CSB-800 6060				
65	70	65 _{-0.046}	70 ^{+0.030}						CSB-800 6530	CSB-800 6540	CSB-800 6550	CSB-800 6560				
70	75	70 _{-0.046}	75 ^{+0.030}						CSB-800 7030	CSB-800 7040	CSB-800 7050	CSB-800 7060	CSB-800 7080			
75	80	75 _{-0.046}	80 ^{+0.030}						CSB-800 7530	CSB-800 7540	CSB-800 7550	CSB-800 7560				
80	85	80 _{-0.046}	85 ^{+0.035}					+0.235 +0.080	0.289 0.080			CSB-800 8040	CSB-800 8050	CSB-800 8060	CSB-800 8080	
85	90	85 _{-0.054}	90 ^{+0.035}							CSB-800 8530		CSB-800 8550	CSB-800 8560	CSB-800 8580		CSB-800 85100
90	95	90 _{-0.054}	95 ^{+0.035}							CSB-800 9050	CSB-800 9060	CSB-800 9080		CSB-800 90100		
95	100	95 _{-0.054}	100 ^{+0.035}								CSB-800 9560	CSB-800 9580	CSB-800 9590	CSB-800 95100		
100	105	100 _{-0.054}	105 ^{+0.035}								CSB-800 10060	CSB-800 10080	CSB-800 10090	CSB-800 100100		
105	110	105 _{-0.054}	110 ^{+0.035}								CSB-800 10560	CSB-800 10580		CSB-800 105100		
110	115	110 _{-0.054}	115 ^{+0.035}								CSB-800 11060	CSB-800 11080		CSB-800 110100		
115	120	115 _{-0.054}	120 ^{+0.035}									CSB-800 11580				
120	125	120 _{-0.054}	125 ^{+0.040}	+0.240 +0.080	0.303 0.080					CSB-800 12050	CSB-800 12060			CSB-800 120100		
125	130	125 _{-0.063}	130 ^{+0.040}											CSB-800 125100		
130	135	130 _{-0.063}	135 ^{+0.040}							CSB-800 13060				CSB-800 130100		
135	140	135 _{-0.063}	140 ^{+0.040}								CSB-800 13560	CSB-800 13580				
140	145	140 _{-0.063}	145 ^{+0.040}								CSB-800 14060	CSB-800 14080		CSB-800 140100		
150	155	150 _{-0.063}	155 ^{+0.040}									CSB-800 15080		CSB-800 150100		
											CSB-800 15060	CSB-800 15080		CSB-800 150100		
									9.5							

MJF-800 Welding Flange Type Bushes



Unit:mm

$D_i \pm 0.5$	$S_3 \pm 0.05$	D_o		D_i	S_{ii}		$B \pm 0.5$	$D_i \pm 0.5$	$S_3 \pm 0.05$	D_o		D_i	S_{ii}		$B \pm 0.5$	
44	3.5	36	+0.15 +0.10	30	3	-0.05	40	88	4.5	68	+0.15 +0.10	60	4	-0.07 -0.12	60	
45	4					-0.03	30	87	4.5	69	+0.19 +0.14	65	2	-0.03 -0.08	64.5	
60	3.5	41	+0.13 +0.08	35		-0.09 -0.15	42	103	4.52	70.7	+0.09 +0.04	63.7	3.5	0 -0.05	65	
52	4				0 -0.05	35	103	4.52	63.3		3.7	+0.01 -0.04	73			
54	3.5	42	+0.10 +0.05	40	3.5	-0.02 -0.07	30	86.4	4.5	+0.15 +0.09	65	3.5	-0.08 -0.13	64.5		
60	4.52	44	+0.14 +0.09		2	-0.03 -0.08	39.5	95	4.52	+0.27 +0.21			-0.045 -0.095	71.5		
53	4.5						40	40	95	3.5			+0.09 +0.03	-0.015 -0.065	64	
60	4	45	+0.12 +0.07		2.4	-0.03 -0.08	39.5	108	3.5	+0.11 +0.06			-0.03 -0.08	75		
66	4						40	40	87	4.5			+0.01 -0.04	53		
60	4.5	46	+0.12 +0.07		3	0 -0.05	39.5	95	4.52	+0.27 +0.21			-0.045 -0.095	67.5		
61	4						40	40	99	4.5			74	+0.19 +0.14	2	-0.03 -0.08
62	4	47	+0.13 +0.07		3.5	-0.08 -0.13	49	112	4.6	+0.27 +0.21			70	3.5	-0.04 -0.10	72
70	4.5	54	+0.19 +0.14		2	-0.03 -0.08	53	95	4.5	+0.14 +0.09					-0.005 -0.055	89.7
68	4.52	54.9	+0.045 -0.005		48	3.5	-0.045 -0.095	41.3	112	4.52					+0.27 +0.21	71
70	3.5	56	+0.16 +0.11	50	3	-0.09 -0.14	48	93	6	78	+0.15 +0.09	4	-0.09 -0.14	71		
76	3.5	57	+0.10 +0.05		3.5	+0.01 -0.04	54	93	8	80	+0.16 +0.10	5	-0.075 -0.125	70		
70.5	8	58	+0.14 +0.09		4	-0.11 -0.16	46	107	4.5	83	75	4	-0.07 -0.13	74		
92	4.52	60.6	+0.03 -0.02		54.4	3.1	+0.02 -0.03	59	97	10			85	+0.17 +0.12	5	-0.10 -0.16
87	4.5	67	+0.15 +0.10	60	3.5	-0.06 -0.11	60	97	5	85	+0.155 +0.095	5	3.8	+0.06 0	93	
77	4.5					-0.08 -0.13	65	120	3.8		92.6			+0.16 +0.09	85	4
88	8	68	-0.075 -0.125	4	-0.075 -0.125	58	120	6	93							