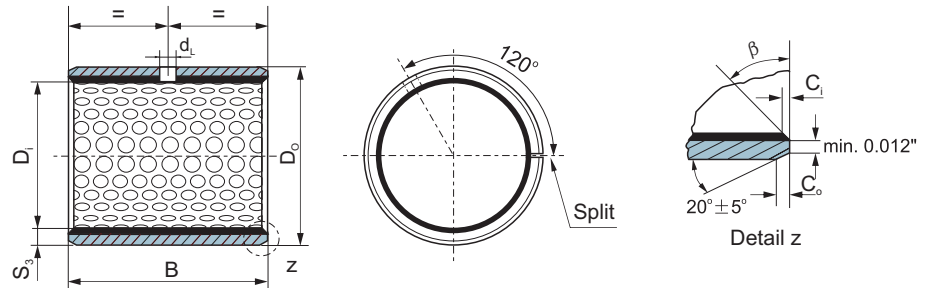


# CSB-20 Inch Cylindrical Bushes



ID and OD chamfers

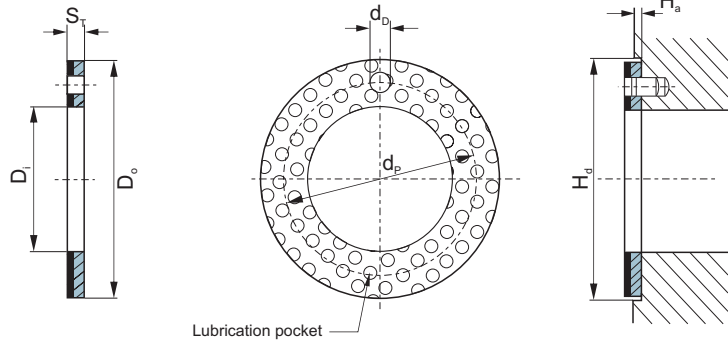
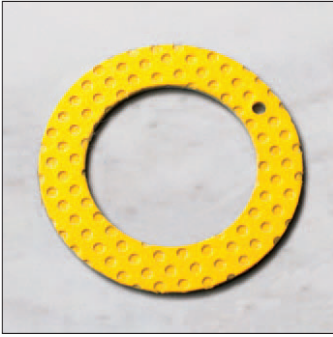
S <sub>3</sub>	C <sub>O</sub>	C <sub>1</sub>	β	S <sub>3</sub>	C <sub>O</sub>	C <sub>1</sub>	β
0.0505	0.012-0.035	0.004-0.020	30° ± 5°	0.0971	0.047-0.095	0.020-0.043	45° ± 5°
0.0663	0.016-0.040	0.008-0.030	30° ± 5°	0.0978	0.047-0.095	0.020-0.043	45° ± 5°
0.0817	0.030-0.063	0.008-0.030	30° ± 5°				

Unit:inch"

D <sub>i</sub>	D <sub>o</sub>	Shaft D <sub>s</sub>	Housing H7 D <sub>H</sub>	ID after fixed D <sub>i,a</sub>	Clearance C <sub>O</sub>	Wall thickness S <sub>3</sub>	Oil hole d <sub>L</sub>	Length ± 0.010			
								CSB-20	CSB-20	CSB-20	CSB-20
3/8	15/32	0.3648	0.4694	0.3694	0.0055	0.0510 0.0500	—	CSB-20	CSB-20	CSB-20	
		0.3639	0.4687	0.3667	0.0019			06IB06	06IB08	06IB12	
7/16	17/32	0.4273	0.5319	0.4319	0.0056			CSB-20	CSB-20		
		0.4263	0.5312	0.4292	0.0019			07IB08	07IB12		
1/2	19/32	0.4897	0.5944	0.4944	0.0057			CSB-20	CSB-20	CSB-20	CSB-20
		0.4887	0.5937	0.4917	0.0020			08IB06	08IB08	08IB10	08IB14
9/16	21/32	0.5522	0.6569	0.5569	0.0057			CSB-20	CSB-20		
		0.5512	0.6562	0.5542	0.0020			09IB08	09IB12		
5/8	23/32	0.6146	0.7195	0.6195	0.0059			CSB-20	CSB-20	CSB-20	CSB-20
		0.6136	0.7178	0.6167	0.0021			10IB08	10IB10	10IB12	10IB14
11/16	25/32	0.6770	0.7820	0.6820	0.0060	CSB-20					
		0.6760	0.7812	0.6792	0.0022	11IB14					
3/4	7/8	0.7390	0.8758	0.7444	0.0066	CSB-20	CSB-20	CSB-20			
		0.7378	0.8750	0.7412	0.0022	12IB08	12IB12	12IB16			
7/8	1	0.8639	1.0008	0.8694	0.0067	CSB-20	CSB-20	CSB-20			
		0.8627	1.0000	0.8662	0.0023	14IB12	14IB14	14IB16			
1	1 1/8	0.9888	1.1258	0.9944	0.0068	CSB-20	CSB-20	CSB-20			
		0.9876	1.1250	0.9912	0.0024	16IB12	16IB16	16IB24			
1 1/8	1 9/32	1.1138	1.2822	1.1202	0.0076	CSB-20	CSB-20				
		1.1126	1.2812	1.1164	0.0026	18IB12	18IB16				
1 1/4	1 13/32	1.2387	1.4072	1.2452	0.0081	CSB-20	CSB-20	CSB-20	CSB-20		
		1.2371	1.4062	1.2414	0.0027	20IB12	20IB16	20IB20	20IB28		
1 3/8	1 17/32	1.3635	1.5322	1.3702	0.0083	CSB-20	CSB-20	CSB-20			
		1.3619	1.5312	1.3664	0.0029	22IB16	22IB22	22IB28			
1 1/2	1 21/32	1.4884	1.6572	1.4952	0.0084	CSB-20	CSB-20	CSB-20			
		1.4868	1.6562	1.4914	0.0030	24IB16	24IB20	24IB24			
1 5/8	1 25/32	1.6133	1.7822	1.6202	0.0085	CSB-20	CSB-20		CSB-20		
		1.6117	1.7812	1.6164	0.0031	26IB16	26IB24		24IB32		
1 3/4	1 15/16	1.7383	1.9385	1.7461	0.0094	CSB-20	CSB-20	CSB-20			
		1.7367	1.9375	1.7415	0.0032	28IB16	28IB24	28IB28			
1 7/8	2 1/16	1.8632	2.0637	1.8713	0.0097	CSB-20	CSB-20	CSB-20	CSB-20		
		1.8616	2.0625	1.8665	0.0033	30IB16	30IB30	30IB36	28IB32		
2	2 3/16	1.9881	2.1887	1.9963	0.0100	CSB-20	CSB-20	CSB-20			
		1.9863	2.1875	1.9915	0.0034	32IB16	32IB24	32IB32			
2 1/4	2 7/16	2.2378	2.4387	2.2463	0.0103	CSB-20	CSB-20	CSB-20	CSB-20		
		2.2360	2.4375	2.2415	0.0037	36IB32	36IB36	36IB40	32IB40		
2 1/2	2 11/16	2.4875	2.6887	2.4963	0.0106	CSB-20	CSB-20				
		2.4857	2.6875	2.4915	0.0040	40IB32	40IB40				
2 3/4	2 15/16	2.7351	2.9387	2.7457	0.0124	CSB-20	CSB-20	CSB-20			
		2.7333	2.9375	2.7393	0.0042	44IB32	44IB40	44IB48			
3	3 3/16	2.9849	3.1889	2.9959	0.0128	CSB-20	CSB-20	CSB-20			
		2.9831	3.1875	2.9893	0.0044	48IB32	48IB48	48IB60			
3 1/2	3 11/16	3.4844	3.6889	3.4959	0.0137	CSB-20	CSB-20	CSB-20	CSB-20		
		3.4822	3.6875	3.4893	0.0049	56IB40	56IB48	56IB60	44IB56		
4	4 3/16	3.9839	4.1889	3.9959	0.0142	CSB-20	CSB-20	CSB-20			
		3.9817	4.1875	3.9893	0.0054	64IB48	64IB60	64IB76			

# CSB-20 Inch Thrust Washer

## Inch Thrust washer



Unit:inch"

Specification	Dimension				installation size		
	inner side $D_i+0.010$	outside $D_o-0.010$	$S_T$	$d_p$ -0.010	$d_b$ +0.010	$H_a$ $\pm 0.010$	$H_d$ +0.010
CSB-20 WC06IB	0.500	0.875	0.0660 0.0625	0.692	0.067	0.04	0.875
CSB-20 WC07IB	0.562	1.000		0.786			1.000
CSB-20 WC08IB	0.625	1.125		0.880			1.125
CSB-20 WC09IB	0.687	1.187		0.942	1.187		
CSB-20 WC10IB	0.750	1.250		1.005	1.250		
CSB-20 WC11IB	0.812	1.375		1.099	1.375		
CSB-20 WC12IB	0.875	1.500		1.192	1.500		
CSB-20 WC13IB	0.937	1.625		1.286	1.625		
CSB-20 WC14IB	1.000	1.750		1.380	1.750		
CSB-20 WC16IB	1.125	2.000		1.567	2.000		
CSB-20 WC18IB	1.250	2.125		1.692	2.125		
CSB-20 WC20IB	1.375	2.250		1.817	2.250		
CSB-20 WC22IB	1.500	2.500		2.005	2.500		
CSB-20 WC24IB	1.625	2.625		2.130	2.625		
CSB-20 WC26IB	1.750	2.750	2.255	2.750			
CSB-20 WC28IB	2.000	3.000	2.505	3.000			
CSB-20 WC30IB	2.125	3.125	2.630	3.125			
CSB-20 WC32IB	2.250	3.250	2.755	3.250			