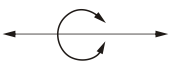
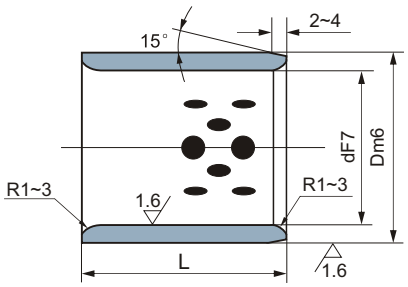
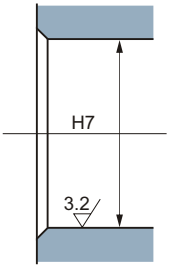




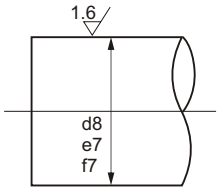


Mating Housing

I.D. ϕd F7		O.D. ϕD m6		L $^{-0.1}_{-0.3}$						
				8	10	12	15	16	19	20
6	+0.022 +0.010	10	+0.015 +0.006	061008	061010	061012				
8	+0.028 +0.013	12	+0.018 +0.007	081208	081210	081212	081215			
10		14		101408	101410	101412	101415			101420
12	+0.034 +0.016	18		121808	121810	121812	121815	121816	121819	121820
13		19	+0.021 +0.008		131910	131912	131915			131920
14		20			142010	142012	142015			142020
15		21			152110	152112	152115	152116		152120
16		22			162210	162212	162215	162216	162219	162220
17		23					172315			
18		24			182410	182412	182415	182416		182420
19	+0.041 +0.020	26					192615			192620
20		28			202810	202812	202815	202816	202819	202820
		30			203010	203012	203015	203016		203020
22		32	+0.025 +0.009			223212	223215			223220
25		33				253312	253315			253320
		35				253512	253515	253516		253520
28		38						283816		283820
30						303812	303815			303820
		40				304012	304015			304020
32	+0.050 +0.025	42								324220
35		44								354420
		45								354520
38		48								
40		50					405015			405020
		55	+0.030 +0.011				405515			
45										
		56								
		60								

JDB650 Metric Cylindrical Bushes

Material 650# + Graphite



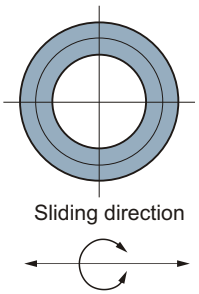
Mating Shaft

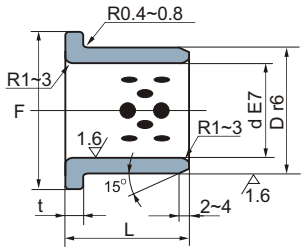
d8：High load
e7：Light load
f7：High precision

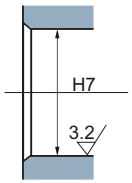
L $^{-0.1}_{-0.3}$								I.D. After Press-Fitting	JTW	I.D. Φd
25	30	35	40	50	60	70	80			
								+0.019 +0.007	—	6
								+0.025 +0.010	—	8
									10	10
121825	121830							+0.031 +0.013	12	12
131925	131930							+0.030 +0.012	13	13
142025	142030								14	14
152125	152130	152135							15	15
162225	162230	162235							16	16
									18	17
182425	182430	182435							18	18
								+0.037 +0.016	20	19
202825	202830	202835	202840	202850					20	20
203025	203030	203035	203040	203050					20	
223225									25	22
253325	253330	253335	253340	253350	253360				25	25
253525	253530	253535	253540	253550	253560				25	
283825	283830		283840						30	28
303825	303830	303835	303840	303850	303860				30	30
304025	304030	304035	304040	304050	304060				30	
	324230		324240						35	32
354425	354430	354435	354440	354450	354460				35	35
354525	354530	354535	354540	354550	354560				35	
			384840						40	38
405025	405030	405035	405040	405050	405060	405070	405080		40	40
	405530	405535	405540	405550	405560			+0.045 +0.020	40	
	455530	455535	455540	455550	455560				45	45
	455630	455635	455640	455650	455660				45	
	456030	456035	456040	456050	456060	456070	456080		45	

※压入后内孔公差值做参考。
The ID tolerance after fitting is for reference.

Oilless Bearing Metric Flange Bushes





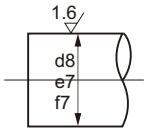


Mating Housing

I.D. ϕd E7		O.D. ϕD r6		Flange ϕF	Flange t		L -0.1 -0.3 10	12	15	17	18	20	23
6	+0.032 +0.020	10	+0.028 +0.019	16	2	0 -0.1	0610	0612					
8	+0.040 +0.025	12	+0.034 +0.023	20			0810	0812	0815				
10		14		22			1010	1012	1015	1017		1020	
12	+0.050 +0.032	18		25	3		1210	1212	1215			1220	
13		19	+0.041 +0.028	26			1310	1312	1315			1320	
14		20		27					1415			1420	
15		21		28			1510	1512	1515			1520	
16		22		29				1612	1615		1618	1620	1623
18		24		32					1815			1820	
20	+0.061 +0.040	30		40	5				2015			2020	
25		35	+0.050 +0.034	45					2515			2520	
30		40		50								3020	
31.5	+0.075 +0.050											3120	
35		45		60								3520	
40		50		65								4020	
45		55	+0.060 +0.041	70									
50		60		75									
55	+0.090 +0.060	65		80									
60		75	+0.062 +0.043	90	7.5								
63				85									
65		80		95									
70		85	+0.073 +0.051	105									
75		90		110									
80		100		120	10								
90	+0.107 +0.072	110	+0.076 +0.054	130									
100		120		150									
120		140	+0.088 +0.063	170									
130	+0.125 +0.085	150	+0.090 +0.065	180									
140		160		190									
150		170	+0.093 +0.068	200									
160		180		210									

Oilless Bearings Metric Flange Bushes

Material 650# + Graphite



Mating Shaft

d8：High load

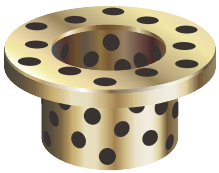
e7：Light load

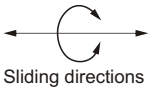
f7：High precision

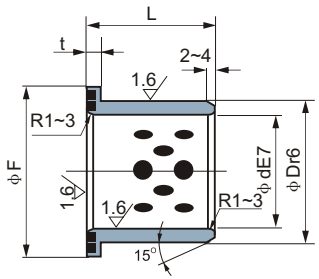
L $^{-0.1}_{-0.3}$										I.D. After Press-Fitting	I.D. ϕd
25	30	35	40	50	60	67.5	80	100	120		
										+0.016 +0.004	6
										+0.021 +0.006	8
											10
1225	1230									+0.031 +0.013	12
1325	1330									+0.026 +0.008	13
1425											14
1525	1530										15
1625	1630	1635	1640								16
1825	1830	1835	1840								18
2025	2030	2035	2040							+0.037 +0.016	20
2525	2530	2535	2540	2550						+0.032 +0.011	25
3025	3030	3035	3040	3050							30
	3130	3135	3140							+0.046 +0.021	31.5
3525	3530	3535	3540	3550							35
4025	4030	4035	4040	4050							40
	4530	4535	4540	4550	4560					+0.040 +0.015	45
	5030	5035	5040	5050	5060						50
			5540		5560					+0.055 +0.025	55
			6040	6050	6060		6080			+0.053 +0.023	60
						6367					63
					6560						65
				7050						+0.046 +0.016	70
					7560		7080				75
					8060		8080	80100			80
					9060		9080			+0.060 +0.025	90
							10080	100100			100
							12080	120100		+0.052 +0.017	120
							13080	130100		+0.068 +0.028	130
							14080	140100			140
								150100	150120	+0.065 +0.025	150
								160100	160120		160

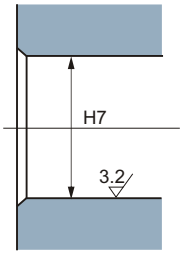
The ID tolerance after fitting is for reference.

Oilless Bearings Metric Flange Bushes







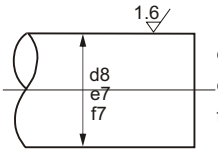


Mating Housing

I.D. ϕ d E7		O.D. ϕ D r6		Flange			L $^{-0.1}_{-0.3}$								
				ϕ F	t		10	11	12	13	15	18	20	23	25
6	+0.032 +0.020	10	+0.028 +0.019	20	3	0 -0.03	0610	0611	0612						
8	+0.040 +0.025	12	+0.034 +0.023	25					0812	0813	0815				
10		14								1013		1018			
12	+0.050 +0.032	18	+0.041 +0.028	30				1211				1218		1223	
13		19								1313		1318		1323	
15		21		35						1513		1518		1523	
16		22								1613		1618		1623	1625
18		24		40								1818		1823	
20	+0.061 +0.040	28		45	5								2020		2025
25		33	+0.050 +0.034	50									2520		2525
30		38		55									3020		3025
35	+0.075 +0.050	44		65									3520		3525
40		50		70	7										
50		62	+0.060 +0.041	90	8	0 -0.04									
60	+0.090 +0.060	74	+0.062 +0.043	110											
70		85	+0.073 +0.051	120	10										
80		96		140											

Oilless Bearings **Metric Flange Bushes**

Material 650# + Graphite



d8：High load
e7：Light load
f7：High precision

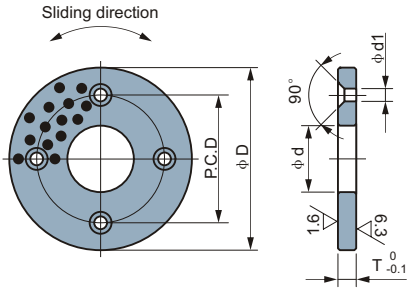
Mating Shaft

L $^{-0.1}_{-0.3}$												I.D. After Press-Fitting	I.D. φd
27	35	37	38	47	48	50	58	60	68	80	90		
												+0.016 +0.004	6
												+0.021 +0.006	8
													10
												+0.031 +0.013	12
												+0.026 +0.008	13
													15
													16
													18
												+0.037 +0.016	20
												+0.032 +0.011	25
	3035												30
	3535											+0.046 +0.021	35
4027		4037		4047									40
			5038		5048		5058					+0.040 +0.015	50
			6038		6048		6058		6068			+0.053 +0.023	60
						7075				7080		+0.046 +0.016	70
								8060			8090		80

The ID tolerance after fitting is for reference.

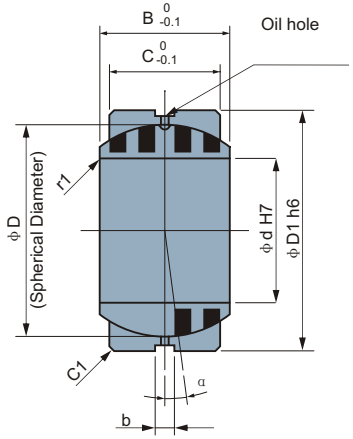
BRONZE THRUST BEARING Metric Thrust Washer

Material 650# + Graphite



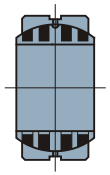
Standard No.	I.D. ϕ d		O.D. ϕ D	Thickness		Screw Holes			
						P.C.D	Number of Holes	Flat Head Screw	d1
JTW-0603	6.2	+0.20 +0.10	25	3	0 -0.1	15	2	M3	3.5
JTW-0803	8.2		28			18			
JTW-1003	10.2		30			20			
JTW-1203	12.2		40			28			
JTW-1203N						Without flat head screw hole			
JTW-1303	13.2					28	2	M3	3.5
JTW-1403	14.2								
JTW-1503	15.2		50			35			
JTW-1603	16.2								
JTW-1603N						Without flat head screw hole			
JTW-1803	18.2					35	2	M3	3.5
JTW-2005	20.2			5				M5	6
JTW-2505	25.2		55			40			
JTW-3005	30.2		60			45			
JTW-3505	35.2		70			50			
JTW-4007	40.2		80	7		60		M6	7
JTW-4507	45.2		90			67.5			
JTW-5008	50.3	+0.30 +0.10	100	8		75	4		
JTW-5508	55.3		110			85			
JTW-6008	60.3		120			90		M8	9
JTW-6508	65.3		125			95			
JTW-7010	70.3		130	10		100			
JTW-7510	75.3		140			110			
JTW-8010	80.3		150			120			
JTW-9010	90.5		170			140		M10	11
JTW-10010	100.5		190			160			
JTW-12010	120.5		200			175			

BRONZE PARTS Metric Spherical Bushes

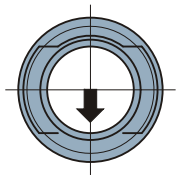


Spherical bushing assembly

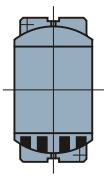
• JDBS 015~090

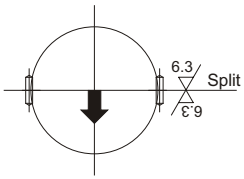


Fixing direction



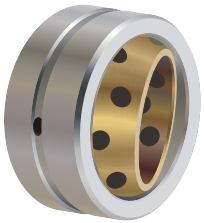
• JDBS≥100





Inner ring	Material	650# + Gr/
Outer ring	Material	S45C
	Hardness	HRC25～30

Recommend shaft & housing:
Housing: H7
Shaft: g6



Standard No.	d	H7	D1	h6	B	C	D	b	Alignment Angle α°	Allowable Radial Load (kN)	Allowable Thrust Load (kN)
JDBS-015	15	+0.018 0	26	0 -0.013	12	9	22	4	8	6.5	0.5
JDBS-020	20	+0.021 0	32	0 -0.016	16	14	28		4	12.6	1.4
JDBS-025	25		42		21	18	36		5	21.8	2.5
JDBS-030	30		50		27	23	44		6	32.0	3.5
JDBS-035	35	+0.025 0	55	0 -0.019	30	26	49		5	43.7	4.8
JDBS-040	40		62		33	28	55		6	54.7	5.7
JDBS-045	45		72		36	31	62		5	69.7	7.2
JDBS-050	50		80		42	36	70			92.4	10
JDBS-060	60	+0.030 0	100	0 -0.022	53	45	90		6	143	16
JDBS-070	70		110		58	50	99		5	181	20
JDBS-080	80		130		70	60	115			254	30
JDBS-090	90	+0.035 0	140	0 -0.025	76	65	125		6	313	36
JDBS-100	100		160		88	75	145	6		544	64
JDBS-110	110		170		93	80	155		5	642	73
JDBS-120	120		190	0 -0.029	105	90	170		6	797	94
JDBS-130	130	+0.040 0	200		110	95	180		5	880	105
JDBS-140	140		210		90	70	180		7	668	56
JDBS-150	150		220		120	105	200		5	1135	129
JDBS-160	160		230		105	80	200		8	891	73
JDBS-180	180		260	0 -0.032	105	80	225		6	1002	74
JDBS-200	200	+0.046 0	290		130	100	250		7	1434	117
JDBS-220	220		320	0 -0.036	135	100	275		8	1577	118
JDBS-240	240		340		140	100	300	9		1720	118
JDBS-260	260	+0.052 0	370		150	110	325		7	2072	143
JDBS-280	280		400		155	120	350		6	2455	172
JDBS-300	300		430	0 -0.040	165	120	375		7	2630	172