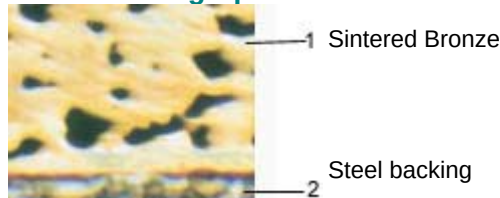


JF-800 bimetal bushing is based upon steel and sintered with CuPb10Sn10 or CuSn6Zn6Pb3 as a lining layer. This type is the best performance within the range of Cu-Pb alloy bushings. It can be used in balance suspensions of heavy-duty vehicles, wheel of bulldozers, auto chassis and so on. It's mostly suitable for middle speed and high impact occasions.

Color Metallograph



Bronze Backing Technical Data

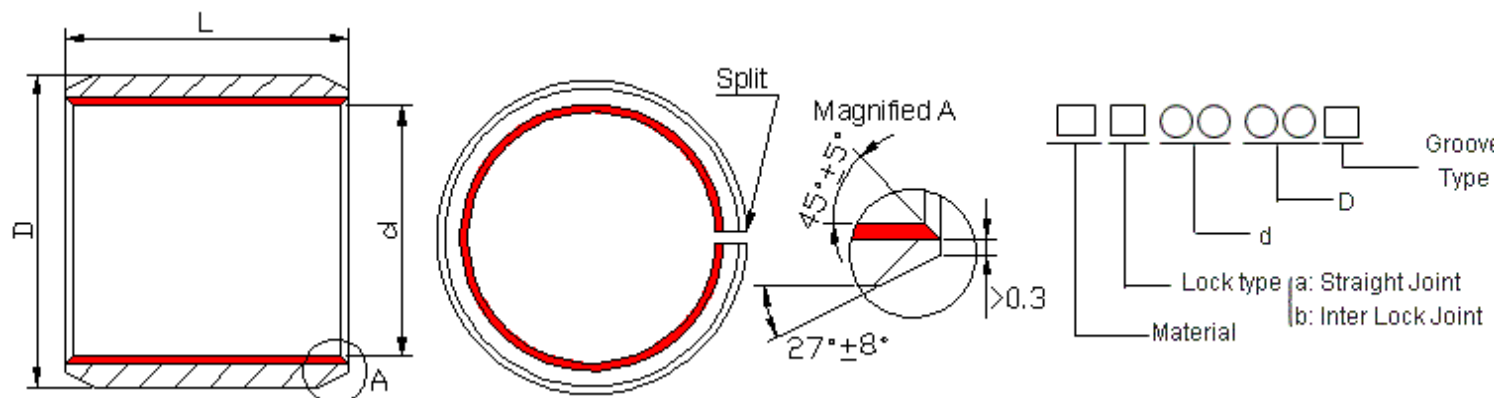
Bronze Alloy Code	Equivalent Standard Code	Composition analysis of alloy								
		Pb	Sn	Zn	P	Fe	Ni	Sb	Other	Cu
CuPb10Sn10	ASTM C93700; GLYCO 66; JIS-LBC3	9.0~10.0	9.0~11.0	0.5	0.1	0.7	0.5	0.2	0.5	remainder

Physical Characteristic

Load Capacity	Tensile Strengthen	Friction Coef (oil)	Speed Limit	PV Limit (grease)	PV Limit (oil)
150N/mm ²	185N/mm ²	0.06~0.14	5m/s	2.8N/mm ²	10N/MM ²

Specification

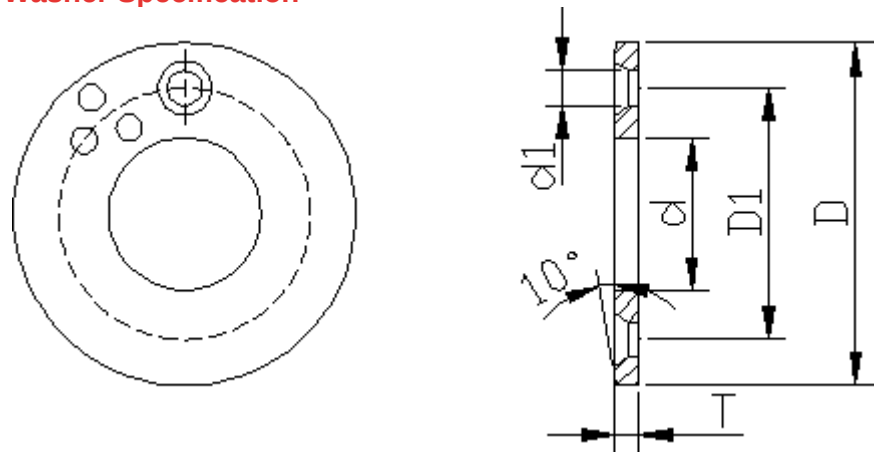
Cylinder Series Specification



d(H8)	D	Wall thickness	Housing bore(H7)	Mating Shaft	f1	f2	L											
							10	15	20	25	30	40	50	60	80	90	100	
10	+0.065 12 +0.035	1-0.025	12	10	0.5	0.3	1010	1015	1020									
12	+0.065 14 +0.035		14	12	0.5	0.3	1210	1215	1220									
14	+0.065 16 +0.035		16	14	0.5	0.3	1410	1415	1420									
15	+0.065 17 +0.035		17	15	0.5	0.3	1510	1515	1520									
16	+0.075 18 +0.035		18	16	0.8	0.4	1610	1615	1620									
18	+0.075 20 +0.035		20	18	0.8	0.4	1810	1815	1820	1825								

d	D	Wall thcikness	Housing Bore	Mating Shift	f1	f2	L										
							10	15	20	25	30	40	50	60	80	90	100
20	^{+0.075} ₂₃ ^{+0.035}	1.5 _{-0.030}	22	20	0.8	0.4	2010	2015	2020	2025							
22	^{+0.075} ₂₅ ^{+0.035}		24	22	0.8	0.4	2210	2215	2220	2225							
24	^{+0.075} ₂₇ ^{+0.035}		25	24	1.0	0.5	2410	2415	2420	2425							
25	^{+0.075} ₂₈ ^{+0.035}		26	25	1.0	0.5		2415	2420	2425	2430						
26	^{+0.075} ₃₀ ^{+0.035}	2 _{-0.035}	28	26	1.0	0.5		2515	2520	2525	2530						
28	^{+0.085} ₃₂ ^{+0.035}		30	28	1.0	0.5		2615	2620	2625	2630						
30	^{+0.085} ₃₄ ^{+0.035}		32	30	1.2	0.6		2815	2820	2825	2830	2840					
32	^{+0.085} ₃₆ ^{+0.035}		35	32	1.2	0.6		3015	3020	3025	3030	3040					
35	^{+0.085} ₃₉ ^{+0.035}		38	35	1.2	0.6		3215	3220	3225	3230	3240					
38	^{+0.085} ₄₂ ^{+0.035}		40	38	1.2	0.6			3520	3525	3530	3540	3550				
40	^{+0.085} ₄₄ ^{+0.035}		45	40	1.2	0.6			3820	3825	3830	3840	3850				
45	^{+0.085} ₅₀ ^{+0.035}	2.5 _{-0.040}	50	45	1.5	1.0			4020	4025	4030	4040	4050				
50	^{+0.100} ₅₅ ^{+0.055}		55	50	1.5	1.0			4520	4525	4530	4540	4550				
55	^{+0.100} ₆₀ ^{+0.055}		60	55	1.5	1.0					5030	5040	5050	5060			
60	^{+0.100} ₆₅ ^{+0.055}		65	60	1.5	1.0					6030	6040	6050	6060			
65	^{+0.100} ₇₀ ^{+0.055}		70	65	1.5	1.0					6530	6540	6550	6560			
70	^{+0.100} ₇₅ ^{+0.055}		75	70	1.5	1.0					7030	7040	7050	7060	7080		
75	^{+0.100} ₈₀ ^{+0.055}		80	75	1.5	1.0					7530	7540	7550	7560			
80	^{+0.120} ₈₅ ^{+0.070}		84	80	1.5	1.0						8040	8050	8060	8080		
84	^{+0.120} ₉₀ ^{+0.070}	3 _{-0.045}	89	84	1.8	1.2						8440	8450	8460	8480		
89	^{+0.120} ₉₅ ^{+0.070}		94	89	1.8	1.2						8940	8950	8960	8980		
94	^{+0.120} ₁₀₀ ^{+0.070}		99	94	1.8	1.2							9450	9460	9480	9490	
99	^{+0.120} ₁₀₅ ^{+0.070}		104	99	1.8	1.2							9950	9960	9980	9990	
104	^{+0.120} ₁₁₀ ^{+0.070}		109	104	1.8	1.2							10450	10460	10480		
109	^{+0.120} ₁₁₅ ^{+0.070}		114	109	1.8	1.2							10950	10960	10980		
114	^{+0.120} ₁₂₀ ^{+0.070}		119	114	1.8	1.2							11450	11460	11480		
119	^{+0.170} ₁₂₅ ^{+0.100}		123	119	1.8	1.2							11950	11960	11980		

Washer Specification



Item	d	D	T	Bolt			
				D1	Dry	Size	d1
JWT-10	10.2	30	3	----	----	----	----
JWT-12	12.2	40		28	2	M3	3.5
JWT-13	13.2						
JWT-14	14.2						
JWT-15	15.2			50	35	2	M3
JWT-16	16.2						
JWT-16N		----	----		----	----	
JWT-18	18.2	35	2		M3	3.5	
JWT-20	20.2				M5	6	
JWT-20N	20.2	----	----	----	----		
JWT-25	25.2	5	40	2	M5	6	
JWT-25N	25.2		----	----	----	----	
JWT-30	30.2		45	2	M5	6	
JWT-35	35.2		50				
JWT-40	40.2		60				
JWT-45	45.2	70					
JWT-50	50.3	100	7	70	M6	7	
JWT-55	55.3	110					
JWT-60	60.3	120	8	90	M8	9	
JWT-65	65.3	125		95			
JWT-70	70.3	130		100			
JWT-75	75.3	140	10	110	4	M10	11
JWT-80	80.5	150		120			
JWT-90	90.5	170		140			
JWT-100	100.5	190		160			
JWT-120	120.5			175			

JSP Sliding Plate Specification

