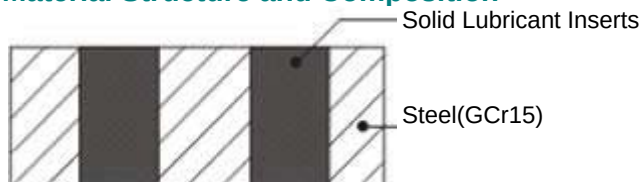


JDB-5 is reinforced product of JDB series. It is based steel **GCr15** and embedded with solid lubricant. It is of high compress strength and particularly suitable for support or low, middle and high load. Due to its superb high hardness, when under high load, it over performs than other JDB type. Not suitable for water, acid, alkali circumstances. Most suitable for the supporting position of hoisting machine, e.g. bulldozer supporter, hoister supporter, reeling machine supporter etc.

Material Structure and Composition



Material Specification

Base Material	Hardness	Similar Foreign Code				Application conditions
GCr15	HB230~270	BRITISH STANDARD	America ASTM	Germany	Japan JIS	High Load, Low speed
		534A99	E52100	100Cr6(1.3505)	SUJ2	

Material composition of GCr15

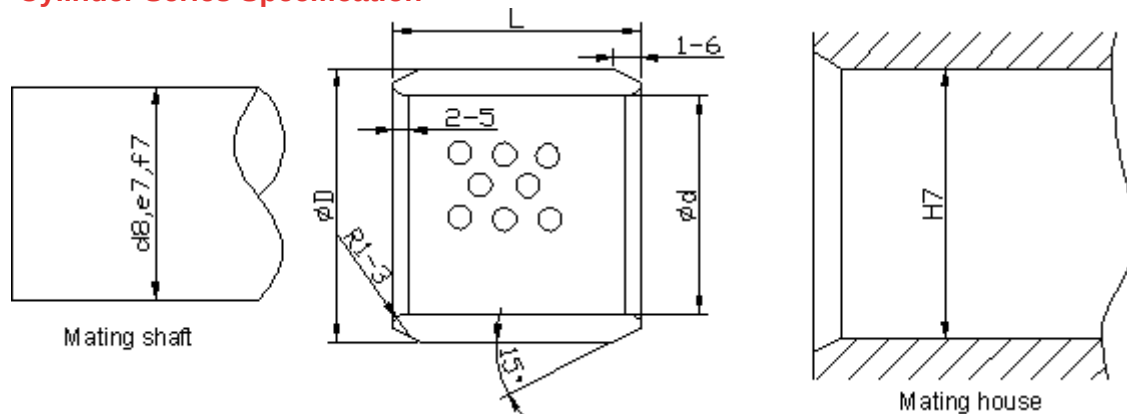
c%	Si%	Mn%	P%	S%	Cr%	O%	Fe%
0.95~1.05	0.15~0.35	0.25~0.45	<=0.025	<=0.025	1.40~1.65	<=15ppm	Balance

Physical Characteristic

Load Capacity	Friction Coef (μ)	Temperature max	PV Limit	Dynamic Load Limit	SpeedLimit
70N/mm ²	<0.17	350℃	2.5N/mm ² *m/s	250N/mm ²	0.1m/s

Specification Size

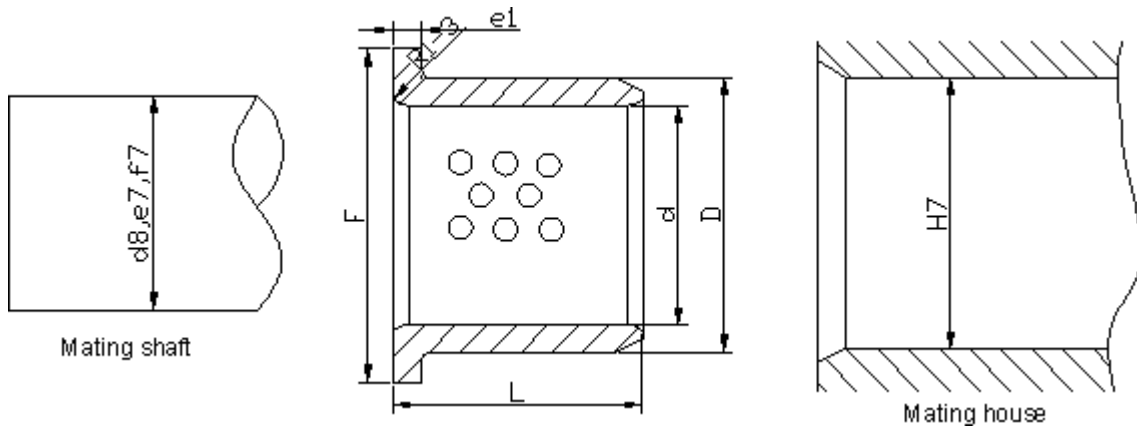
Cylinder Series Specification



d	D	IDF7	ODp7	L															
8	12	8	+0.028	12	+0.036	8	10	12	15	16	20	25	30	35	40	50	60	70	80
8	12	8	+0.028	12	+0.036	0808	0810	0812	0815										
10	14	10	+0.013	14	+0.018	1008	1010	1012	1015		1020								
12	18	12		18		1210	1212	1215	1216	1220	1225	1230							
13	19	13		19		1310		1315	1316										
14	20	14	+0.034	20		1410	1412	1415		1420	1425	1430							
15	21	15	+0.016	21	+0.043	1510	1512	1515	1516	1520	1525	1530							
16	22	16		22	+0.022	1610	1612	1615	1616	1620	1625	1630	1635	1640					
18	24	18		24			1812	1815	1816	1820	1825	1830	1835	1840					
20	28	20		28		2010	2012	2015	2016	2020	2025	2030	2035	2040	2050				
22	32	22	+0.041	32			2212	2215		2220	2225								
25	33	25	+0.020	33			2512	2515	2516	2520	2525	2530	2535	2540	2550	2560			
30	38	30		38	+0.051		3012	3015		3020	3025	3030	3035	3040	3050	3060			
35	45	35		45	+0.026					3520	3525	3530	3535	3540	3550	3560			
40	50	40	+0.050	50							4030	4035	4040	4050	4060	4070	4080		
45	55	45	+0.025	55	+0.062						4530	4535	4540	4550	4560				
50	60	50		60	+0.032						5030	5035	5040	5050	5060	5070	5080		

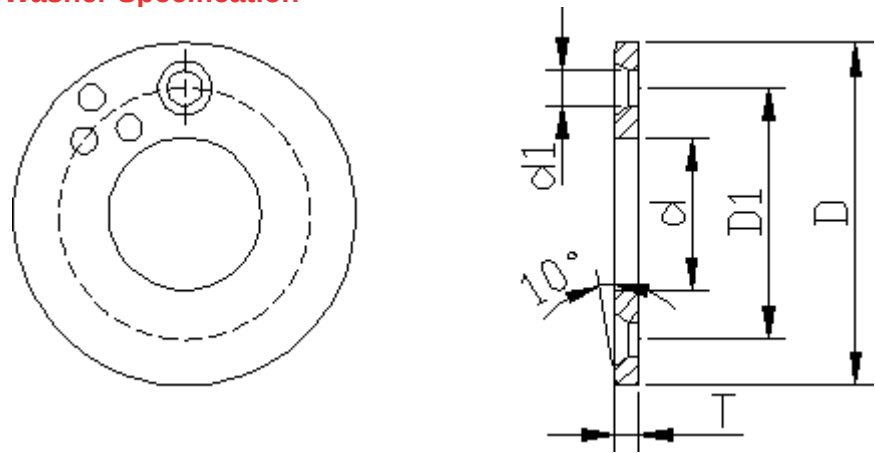
d	D	IDF7		ODp7		L											
						30	35	40	50	60	70	80	100	120	130	140	150
50	62	50	+0.050	62	+0.062 +0.032	5030	505	5040	5050	5060	5070						
50	65	50	+0.025	65		5030		5040	5050	5060	5070	5080	50100				
55	70	55	+0.060 +0.030	70				5540	5550	5560	5570						
60	74	60		74		6030	6035	6040	6050	6060	6070	6080					
60	75	60		75		6030	6035	6040	6050	6060	6070	6080	60100				
63	75	63		75						6360	6370	6380					
65	80	65		80					6550	6560	6570	6580					
70	85	70		85	+0.072 +0.037		7035	7040	7050	7060	7070	7080	70100				
70	90	70		90					7050	7060	7070	7080					
75	90	75	90						7560	7570	7580	75100					
75	95	75	95						7560	7570	7580	75100					
80	96	80	96					8040	8050	8060	8070	8080	80100	80120			
80	100	80	100						8040	8050	8060	8070	8080	80100	80120	80140	
90	110	90	110	+0.071 +0.036		9030			9050	9060	9070	9080	90100	90120			
100	120	100	120						10060	10070	10080	100100	100120		100140		
110	130	110	130		+0.083 +0.043						11080	110100	110120				
120	140	120	140									12080	120100	120120		120140	
125	145	125	145										125100	125120			
130	150	130	150										130100		130130		
140	160	140	160										140100			140140	
150	170	150	170									150100			150150		
160	180	160	180									160100			160150		

Flange Bushing Specification



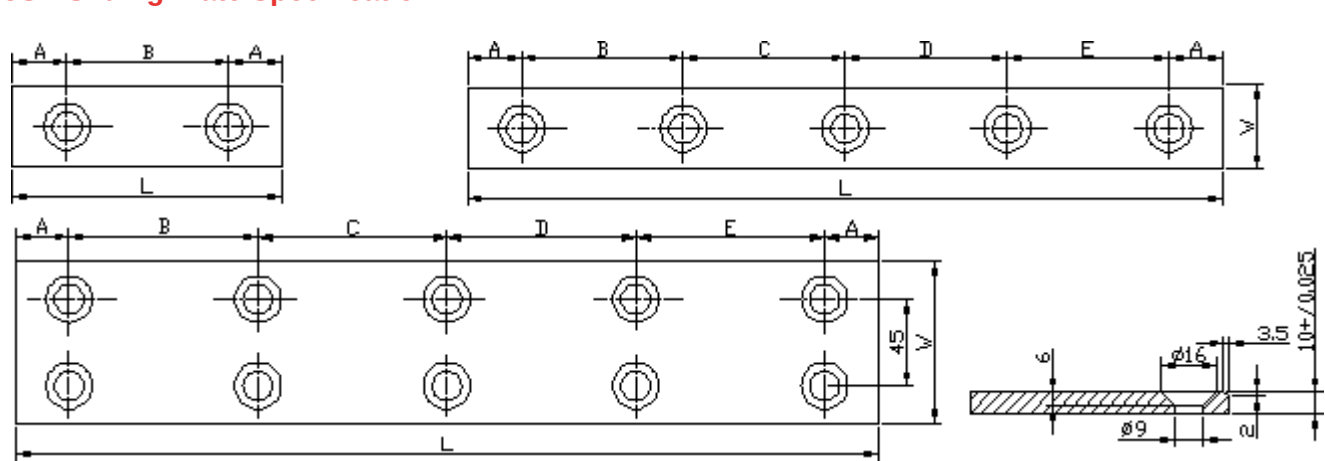
d	D	ID	F7	OD	p7	F	e_1	L										
								15	20	25	30	35	40	50	60	80	100	
10	14	10	+0.028 +0.013	14	+0.036 +0.018	22	2	1015	1020									
12	18	12	+0.041 +0.020	18	+0.043 +0.022	25	3	1215	1220									
13	19	13		19		26		1315	1320									
14	20	14		20		27		1415	1420									
15	21	15		21		28		1515	1520	1525	1530							
16	22	16		22		29		1615	1620	1625	1630							
20	28	20	+0.050 +0.025	30	+0.051 +0.026	40	5	2015	2020	2025	2030		2040					
25	33	25		35		45		2515	2520	2525	2530		2540					
30	38	30		40		50			3020	3025	3030	3035	3040	3050				
31.5	40	31.5		40		50			31.520			3535						
35	45	35		45		60			3520		3530		3540	3550				
40	50	40		50	+0.062 +0.032	65	7.5		4020		4030		4040	4050				
45	55	45		55		70				4530		4540	4550	4560				
50	60	50		60		75				5030		5040	5050	5060				
55	65	55		65		80						5540	5550	5560				
60	75	60		75		85						6040	6050		6080			
63	75	63	+0.060 +0.030	75	+0.072 +0.037	90	10					6340	6350		6380			
70	85	70		85		105						7040			7080			
75	90	75		90		110						7540	7550	7560				
80	100	80		100		120								8060	8080	80100		
90	110	90		110		130								9/50	9060	9080		
100	120	100	+0.071 +0.036	120	+0.083 +0.043	150										10080	100100	
120	140	120		140		170										12080	120100	

Washer Specification



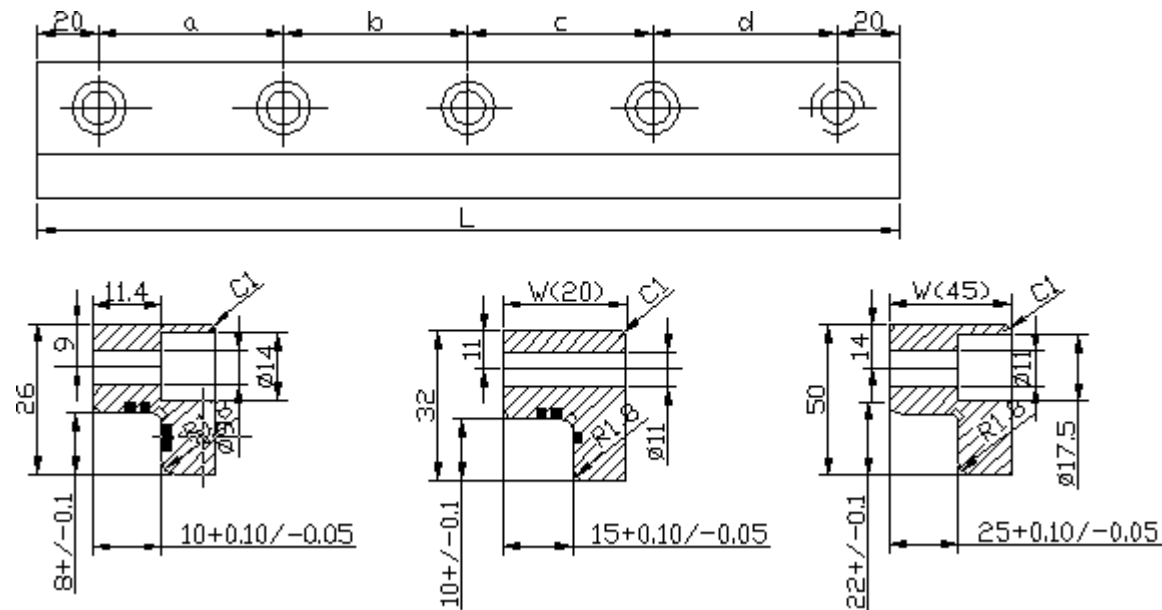
Item	d	D	T	Bolt			
				D1	Dry	Size	d1
JWT-10	10.2	30	3	----	----	----	----
JWT-12	12.2	40		28	2	M3	3.5
JWT-13	13.2						
JWT-14	14.2						
JWT-15	15.2			50	35	2	M3
JWT-16	16.2						
JWT-16N		----	----		----	----	
JWT-18	18.2	35	2		M3	3.5	
JWT-20	20.2				M5	6	
JWT-20N	20.2	----	----	----	----		
JWT-25	25.2	55	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	2	M6	7	
JWT-45	45.2	70					
JWT-50	50.3	100	8	4	M8	9	
JWT-55	55.3						75
JWT-60	60.3						85
JWT-65	65.3						90
JWT-70	70.3						95
JWT-75	75.3	140	10	4	M10	11	
JWT-80	80.5						100
JWT-90	90.5						110
JWT-100	100.5						120
JWT-120	120.5						140

JSP Sliding Plate Specification



Item	W	L	A	B	C	D	E	Flat Head Screw	N0. of Holes
JSP-1875	18	75	15	45				M6	2
JSP18100		100	25	50					
JSP18125		125		75					
JSP18150		150		100					
JSP2875	28	75	15	45				M6	2
JSP28100		100	25	50					
JSP28125		125		75					
JSP28150		150		100					
JSP35100	35	100	20	60				M8	3
JSP35150		150		55	55				
JSP35200		200		55	50	55			
JSP35250		250		70	70	70			
JSP35300		300		65	65	65	65		
JSP35350		350		80	75	90	80		
JSP3875	38	75	15	45				M6	2
JSP35100		100	25	50					
JSP38125		125		75					
JSP38150		100		100					
JSP4875	48	75	15	45				M6	2
JSP48100		100	25	50					
JSP48125		125		75					
JSP48150		150		100					
JSP50100	50	100	20	60				M8	3
JSP50150		150		55	55				
JSP50200		200		55	50	55			
JSP50250		250		70	70	70	65		
JSP50300		300		65	65	65	90		
JSP50400		400		90	90	90			
JSP75150	75	150	20	110				M8	4
JSP75200		200		80					
JSP75250		250		105					
JSP75300		300		85	85	85			
JSP75400		400		120	120	120			
JSP75500		500		115	115	115	115		

JSL Sliding Plate Specification



Item	W	L	Bolt				Size	No.	Sketch
			a	b	c	d			
JSL20*100	20	100	60	----	----	----	M8	2	A
JSL20*150		150	55	55	----	----		3	
JSL20*200		200	55	50	55	----		4	
JSL30*100	30	100	60	----	----	----	M10	2	B
JSL30*150		150	55	55	----	----		3	
JSL30*200		200	55	50	55	----		4	
JSL30*250		250	70	70	70	----		4	
JSL45*200	45	200	55	50	55	----	M10	4	C
JSL45*250		250	70	70	70	----		4	
JSL45*300		300	65	65	65	65		5	
JSL45*350		350	80	70	75	80		5	