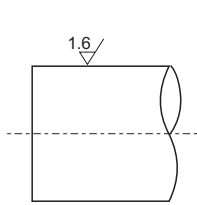
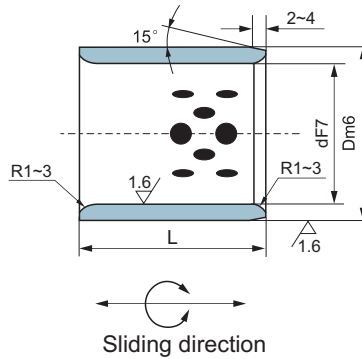


JDB650 Metric Cylindrical Bushes

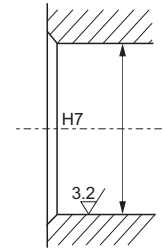
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Mating shaft
d8 High load
e7 light load
f7 High precision



Material 650# + Graphite



Mating housing

Unit:mm

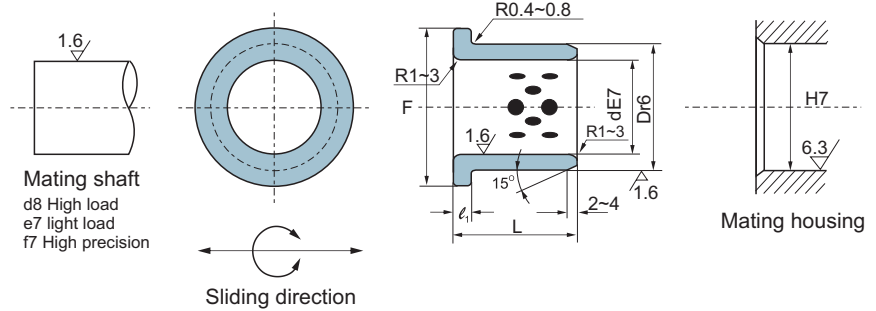
dF7	Dm6	L													
		8	10	12	15	16	20	25	30	35	40	50	60	70	80
8 +0.028 +0.013	12	JDB650 081208	JDB650 081210	JDB650 081212	JDB650 081215										
	14	JDB650 101408	JDB650 101410	JDB650 101412	JDB650 101415		JDB650 101420								
12	18		JDB650 121810	JDB650 121812	JDB650 121815	JDB650 121816	JDB650 121820	JDB650 121825	JDB650 121830						
	19		JDB650 131910		JDB650 131915	JDB650 131916									
14 +0.034 +0.016	20		JDB650 142010	JDB650 142012	JDB650 142015		JDB650 142020	JDB650 142025	JDB650 142030						
	21		JDB650 152110	JDB650 152112	JDB650 152115	JDB650 152116	JDB650 152120	JDB650 152125	JDB650 152130						
16	22		JDB650 162210	JDB650 162212	JDB650 162215	JDB650 162216	JDB650 162220	JDB650 162225	JDB650 162230	JDB650 162235	JDB650 162240				
	24			JDB650 182412	JDB650 182415	JDB650 182416	JDB650 182420	JDB650 182425	JDB650 182430	JDB650 182435	JDB650 182440				
20	28		JDB650 202810	JDB650 202812	JDB650 202815	JDB650 202816	JDB650 202820	JDB650 202825	JDB650 202830	JDB650 202835	JDB650 202840	JDB650 202850			
	32			JDB650 223212	JDB650 223215		JDB650 223220	JDB650 223225							
25	33			JDB650 253312	JDB650 253315	JDB650 253316	JDB650 253320	JDB650 253325	JDB650 253330	JDB650 253335	JDB650 253340	JDB650 253350	JDB650 253360		
	38			JDB650 303812	JDB650 303815		JDB650 303820	JDB650 303825	JDB650 303830	JDB650 303835	JDB650 303840	JDB650 303850	JDB650 303860		
35	45						JDB650 354520	JDB650 354525	JDB650 354530	JDB650 354535	JDB650 354540	JDB650 354550	JDB650 354560		
	50						JDB650 405020	JDB650 405025	JDB650 405030	JDB650 405035	JDB650 405040	JDB650 405050	JDB650 405060	JDB650 405070	JDB650 405080
45 +0.050 +0.025	55								JDB650 455530	JDB650 455535	JDB650 455540	JDB650 455550	JDB650 455560		
	60								JDB650 506030	JDB650 506035	JDB650 506040	JDB650 506050	JDB650 506060	JDB650 506070	JDB650 506080

Unit:mm

dF7		Dm6		L ^{-0.10} -0.30												
				30	35	40	50	60	70	80	100	120	140	150		
50	+0.050 +0.025	62		JDB650 506230	JDB650 506235	JDB650 506240	JDB650 506250	JDB650 506260	JDB650 506270							
		65		JDB650 506530		JDB650 506540	JDB650 506550	JDB650 506560	JDB650 506570	JDB650 506580	JDB650 5065100					
55	+0.030 +0.011	70				JDB650 557040	JDB650 557050	JDB650 557060	JDB650 557070							
60		74	JDB650 607430	JDB650 607435	JDB650 607440	JDB650 607450	JDB650 607460	JDB650 607470	JDB650 607480							
60		75	JDB650 607530	JDB650 607535	JDB650 607540	JDB650 607550	JDB650 607560	JDB650 607570	JDB650 607580	JDB650 6075100						
63		75						JDB650 637560	JDB650 637570	JDB650 637580						
65		80					JDB650 658050	JDB650 658060	JDB650 658070	JDB650 658080						
70		85		JDB650 708535	JDB650 708540	JDB650 708550	JDB650 708560	JDB650 708570	JDB650 708580	JDB650 7085100						
70		90				JDB650 709050	JDB650 709060	JDB650 709070	JDB650 709080							
75		90						JDB650 759060	JDB650 759070	JDB650 759080	JDB650 7590100					
75		95						JDB650 759560	JDB650 759570	JDB650 759580	JDB650 7595100					
80		96			JDB650 809640	JDB650 809650	JDB650 809660	JDB650 809670	JDB650 809680	JDB650 8096100	JDB650 8096120					
80	100			JDB650 8010040	JDB650 8010050	JDB650 8010060	JDB650 8010070	JDB650 8010080	JDB650 80100100	JDB650 80100120	JDB650 80100140					
90	+0.035 +0.013	110	JDB650 9011030		JDB650 9011050	JDB650 9011060	JDB650 9011070	JDB650 9011080	JDB650 90110100	JDB650 90110120						
100		120				JDB650 10012060	JDB650 10012070	JDB650 10012080	JDB650 100120100	JDB650 100120120	JDB650 100120140					
110		130							JDB650 11013080	JDB650 110130100	JDB650 110130120					
120		140							JDB650 12014080	JDB650 120140100	JDB650 120140120	JDB650 120140140				
125		145								JDB650 125145100	JDB650 125145120	JDB650 125145140				
130		150								JDB650 130150100	JDB650 130150120	JDB650 130150140				
140		160								JDB650 140160100	JDB650 140160120	JDB650 140160140				
150		170								JDB650 150170100	JDB650 150170120	JDB650 150170140	JDB650 150170150			
160		180								JDB650 160180100	JDB650 160180120	JDB650 160180140	JDB650 160180150			

JFB650 Metric Flange Bushes

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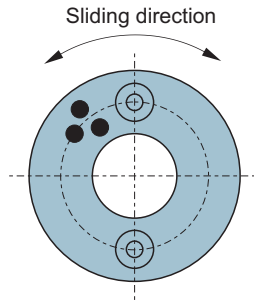


Unit:mm

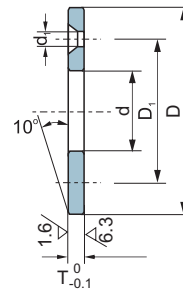
d	D	IDE7		ODr6		F	ℓ_1 -0.10	L -0.10 -0.30										
								15	20	25	30	35	40	50	60	80	100	
10	14	10	+0.040 +0.025	14	+0.034 +0.023	22	2	JFB650 1015	JFB650 1020									
12	18	12		18		25		JFB650 1215	JFB650 1220									
13	19	13		19		26		JFB650 1315	JFB650 1320									
14	20	14	+0.050 +0.032	20		27	3	JFB650 1415	JFB650 1420									
15	21	15		21	+0.041 +0.028	28		JFB650 1515	JFB650 1520	JFB650 1525	JFB650 1530							
16	22	16		22		29		JFB650 1615	JFB650 1620	JFB650 1625	JFB650 1630							
20	30	20		30		40		JFB650 2015	JFB650 2020	JFB650 2025	JFB650 2030		JFB650 2040					
25	35	25	+0.061 +0.040	35		45		JFB650 2515	JFB650 2520	JFB650 2525	JFB650 2530		JFB650 2540					
30	40	30		40		50			JFB650 3020	JFB650 3025	JFB650 3030	JFB650 3035	JFB650 3040	JFB650 3050				
31.5	40	31.5		40	+0.050 +0.034	50			JFB650 3120			JFB650 3135						
35	45	35		45		60	5		JFB650 3520		JFB650 3530		JFB650 3540	JFB650 3550				
40	50	40	+0.075 +0.050	50		65			JFB650 4020		JFB650 4030		JFB650 4040	JFB650 4050				
45	55	45		55		70					JFB650 4530		JFB650 4540	JFB650 4550	JFB650 4560			
50	60	50		60	+0.060 +0.041	75					JFB650 5030		JFB650 5040	JFB650 5050	JFB650 5060			
55	65	55		65		80							JFB650 5540		JFB650 5560			
60	75	60		75		90							JFB650 6040	JFB650 6050			JFB650 6080	
63	75	63	+0.090 +0.060	75	+0.062 +0.043	85	7.5										JFB650 6380	
70	85	70		85		105								JFB650 7050			JFB650 7080	
75	90	75		90	+0.073 +0.051	110									JFB650 7560			
80	100	80		100		120									JFB650 8060	JFB650 8080	JFB650 80100	
90	110	90		110		130									JFB650 9060	JFB650 9080		
100	120	100	+0.107 +0.072	120	+0.076 +0.054	150	10										JFB650 10080	JFB650 100100
120	140	120		140	+0.088 +0.063	170											JFB650 12080	JFB650 120100

JTW650 Metric Thrust Washer

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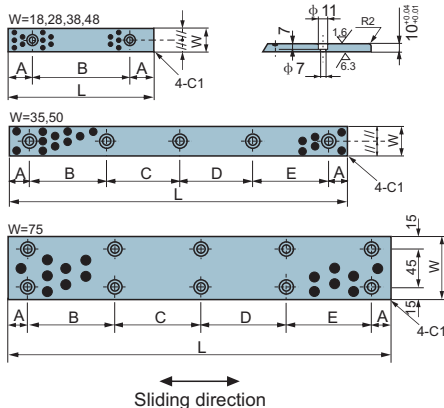


Material 650# + Graphite

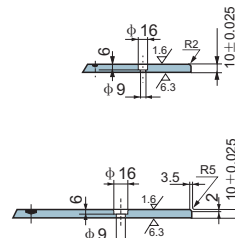


Unit:mm

Stanard No.	d	D	T _{-0.1} ⁰	Bolt					
				D ₁	Q'ty	Size	d ₁		
JTW650 -10	10.2	30	3	20	2	M 3	3.5		
JTW650 -10N				-----	-----	-----	-----		
JTW650 -12	12.2	40		28	2	M 3	3.5		
JTW650 -12N				-----	-----	-----	-----		
JTW650 -13	13.2	50		5	28	2	M 3	3.5	
JTW650 -14	14.2				35				
JTW650 -15	15.2				-----	-----	-----		-----
JTW650 -16	16.2				35	2	M 3		3.5
JTW650 -16N					-----	-----	-----		-----
JTW650 -18	18.2				-----	-----	-----		-----
JTW650 -20	20.2	55		7	-----	-----	M 5	6	
JTW650 -20N					-----	-----	-----	-----	
JTW650 -25	25.2	60	8	40	2	M 5	6		
JTW650 -25N				-----				-----	-----
JTW650 -30	30.2	70	10	45	2	M 5	6		
JTW650 -35	35.2	80		50					
JTW650 -40	40.2	90		60					
JTW650 -45	45.3	100	8	67.5	2	M 6	7		
JTW650 -50	50.3	110		75					
JTW650 -55	55.3	120		85	4	M 8		9	
JTW650 -60	60.3	125		90					
JTW650 -65	65.3	130	10	95	4	M 8	9		
JTW650 -70	70.3	140		100					
JTW650 -75	75.3	150		110					
JTW650 -80	80.3	170		120					
JTW650 -90	90.5	190	10	140	4	M 10	11		
JTW650 -100	100.5	190		160					
JTW650 -120	120.5	200	175	4	M 10	11			



Material 650# + Graphite

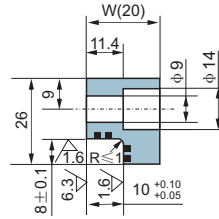
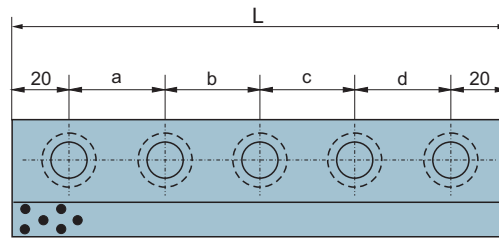


Unit:mm

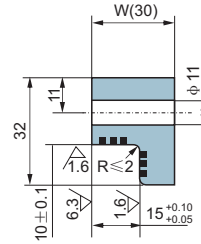
Standard No.	W	L	A	B	C	D	E	Flat head screw	No.of holes
JSP650 -1875	18	75	15	45				M 6	2
JSP650 -18100		100		50					
JSP650 -18125		125	25	75					
JSP650 -18150		150		100					
JSP650 -2875	28	75	15	45				M 6	2
JSP650 -28100		100		50					
JSP650 -28125		125	25	75					
JSP650 -28150		150		100					
JSP650 -35100	35	100		60				M 8	3
JSP650 -35150		150		55	55				
JSP650 -35200		200	20	55	50	55			
JSP650 -35250		250		70	70	70			
JSP650 -35300		300		65	65	65	65		
JSP650 -35350		350		80	75	75	80		
JSP650 -3875	38	75	15	45				M 6	2
JSP650 -38100		100		50					
JSP650 -38125		125	25	75					
JSP650 -38150		150		100					
JSP650 -4875	48	75	15	45				M 6	2
JSP650 -48100		100		50					
JSP650 -48125		125	25	75					
JSP650 -48150		150		100					
JSP650 -50100	50	100		60				M 8	3
JSP650 -50150		150		55	55				
JSP650 -50200		200	20	55	50	55			
JSP650 -50250		250		70	70	70			
JSP650 -50300		300		65	65	65	65		
JSP650 -50400		400		90	90	90	90		
JSP650 -75150	75	150	20	110				M 8	4
JSP650 -75200		200		80	80				
JSP650 -75250		250		105	105				
JSP650 -75300		300		85	90	85			
JSP650 -75400		400		120	120	120			
JSP650 -75500		500		115	115	115	115		



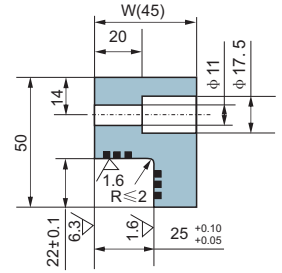
Material 650# + Graphite



A



B



C

Sliding direction

Unit:mm

Stanard No.	W	L	Bolt				Size	Q'ty	Sketch
			a	b	c	d			
JSL650-20×100	20	100	60	---	---	---	M8	2	A
JSL650-20×150		150	55	55	---	---		3	
JSL650-20×200		200	55	50	55	---		4	
JSL650-30×100	30	100	60	---	---	---	M10	2	B
JSL650-30×150		150	55	55	---	---		3	
JSL650-30×200		200	55	50	55	---		4	
JSL650-30×250		250	70	70	70	---		4	
JSL650-45×200	45	200	55	50	55	---	M10	4	C
JSL650-45×250		250	70	70	70	---		4	
JSL650-45×300		300	65	65	65	65		5	
JSL650-45×350		350	80	75	75	80		5	