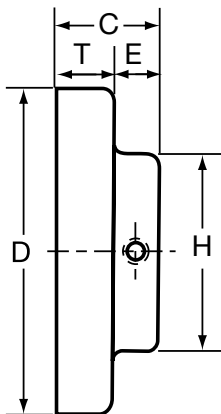


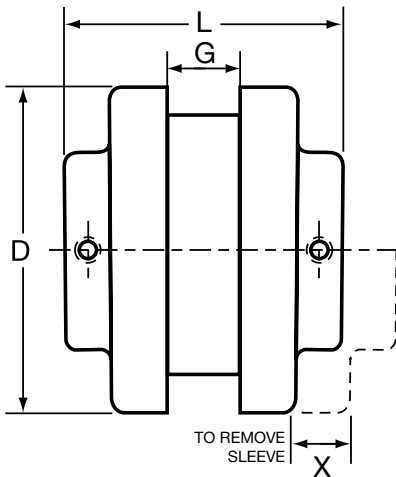
Type J Sure-Flex Plus®

BTS - Close Coupled Applications



Flanges

Type J flanges sizes 3, 4 and 5 are manufactured of sintered carbon steel. The powdered metal manufacturing process provides high dimensional accuracy and uniform material properties for high strength. Size 6 is made of high strength cast iron. Flanges are bored-to-size for a slip fit on standard shafts. The outside face of the flange is precision machined, allowing the surface to be used to align the coupling without special tools. Type J flanges can be used with EPDM and Neoprene sleeves. Each flange has a standard keyway, one setscrew over the keyway and one setscrew at 90° from the keyway.



Couplings

Spacing between internal flange hubs equals G. Spacing between shafts should be greater than 3.2mm and less than L minus .85 times the sum of the two bore diameters.

To order couplings, refer to the part number examples on page 3. When specifying Type J flanges, the coupling and bore sizes accompany the flange symbol “J”. For example, 3J x 1/2 is 3J12.

Dimensions

Size	Dimensions (mm)								Wt. (kg)	STOCK BORES*																					
										(Inches)										Max Bore (mm)	(Millimeters)										
	C	D	E	G	H	L	T	X		3/8	1/2	5/8	3/4	7/8	15/16	1	1-1/8	1-3/16	1-1/4		1-3/8	9	11	12	14	15	16	19	20	24	25
3J	20	52	10	10	38	50	10	16	0.14	X	X	X	X	X							7/8 (22)	X	X	X	X	X	X				
4J	22	63	11	16	41	60	11	16	0.18		X	X	X	X	X	X					1 (25)				X	X	X	X	X	X	X
5J	27	83	12	19	48	72	15	23	0.41		X	X	X	X	X	X	X				1-1/8 (29)										
6J	33	102	14	22	64	89	19	28	0.54				X	X	X	X	X	X	X	X	1-3/8 (35)										

* See page 11 for standard keyseat dimensions and page 8 for bore tolerances.

■ Approximate weight for each flange.