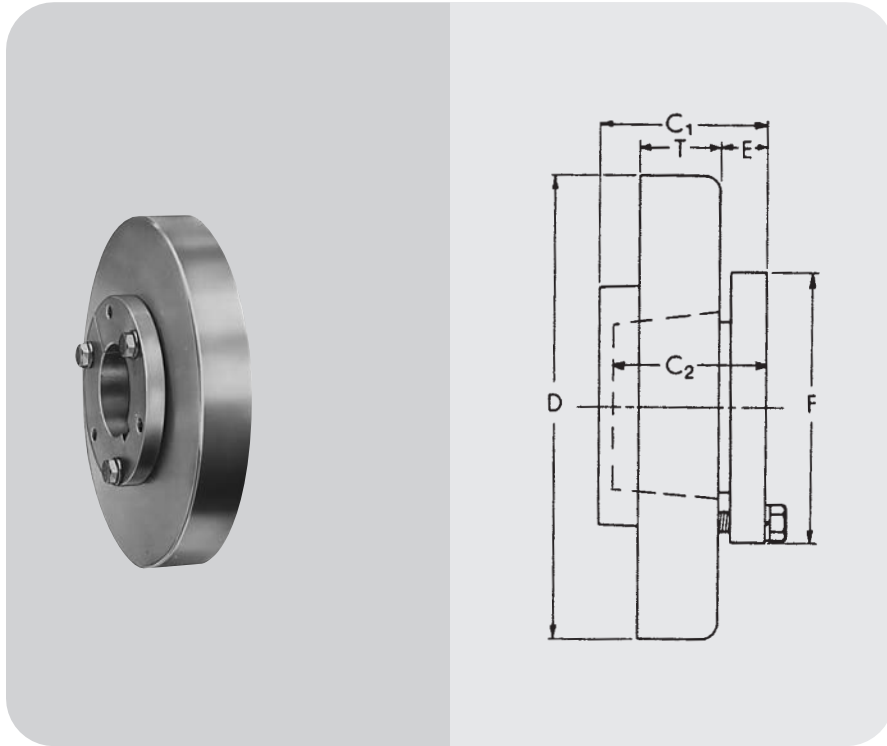


TYPE B BUSHED-FLEX

QD – FOR CLOSE COUPLED APPLICATIONS



FLANGES

Type B flanges are made of high-strength cast iron the same as Types S, C and SC Sure-Flex flanges. Type B, however, is designed to accommodate Wood's Sure-Grip Bushing for easy installation and removal.

BUSHINGS

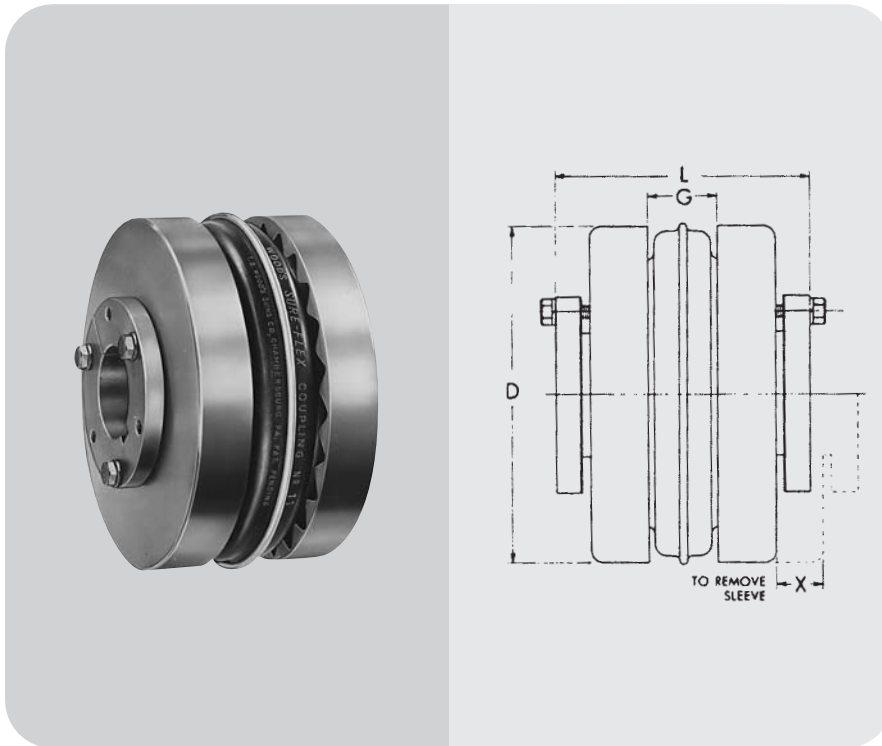
Sure-Grip Bushings offer convenient mounting of the flange to the shaft securely without setscrews. They are tapered and are split through both the bushing flange and taper to provide a clamp fit, eliminating wobble, vibration and fretting corrosion. This is the same bushing used in Wood's sheaves and pulleys and is readily available everywhere.

DIMENSIONS (in.)

Product No.	Bushing Required	Dimensions									Max. * Bore	Flange	Weight (lbs.) ■ Bushing
		C ₁	C ₂	D	E	F	G	L	T	X			
6B	JA	1 7/32	1	4.000	15/32	2	7/8	3 3/8	25/32	1 3/32	1 1/4	1.4	.8
7B	JA	1 5/8	1	4.625	15/32	2	1	3 1/2	25/32	1 5/16	1 1/4	1.9	.8
8B	SH	1 29/32	1 1/4	5.450	9/16	2 11/16	1 1/8	4 1/16	29/32	1 1/2	1 5/8	2.9	1.0
9B	SD	2 1/4	1 13/16	6.350	5/8	3 3/16	1 7/16	4 3/4	1 1/32	1 3/4	1 15/16	4.8	1.5
10B	SK	1 15/16	1 7/8	7.500	23/32	3 7/8	1 5/8	5 1/2	1 7/32	2	2 1/2	7.8	2.0
11B	SF	2 3/16	2	8.625	11/16	4 5/8	1 7/8	6 1/4	1 1/2	2 3/8	2 15/16	12.0	3.5
12B	E	2 23/32	2 5/8	10.000	29/32	6	2 5/16	7 1/2	1 11/16	2 11/16	3 1/2	18.0	9.0
13B	F	3 3/4	3 5/8	11.750	1 1/16	6 5/8	2 11/16	8 3/4	1 31/32	3	3 15/16	31.2	14.0
14B	F	3 3/4	3 5/8	13.875	1 1/16	6 5/8	3 1/4	9 7/8	2 1/4	3 1/2	3 15/16	51.4	14.0
16B	J	4 13/16	4 1/2	18.875	1 1/4	7 1/4	4 3/4	12 3/4	2 3/4	4 1/4	4 1/2	120.0	22.0

*Maximum bore with keyseat. ■ Approximate weight for each flange.

TYPE B BUSHED-FLEX QD – FOR CLOSE COUPLED APPLICATIONS



COUPLINGS

Type B Sure-Flex Couplings are normally supplied with the two-piece E sleeve, and can use any EPDM or Neoprene sleeves. DO NOT use Hytrel sleeves with Type B couplings.

Spacing between internal flange hubs equals L minus 2 times C. Spacing between shafts should be greater than 1/8 in. and less than G.

To order complete couplings, specify coupling size with flange symbol (B) and bushing. Refer to page F1–3 to order the required coupling. Refer to charts below for bushings.

SURE-GRIP® BUSHING KEYSEAT DIMENSIONS (in.)

Bushing	Bores	Keyseat
JA	1/2 – 1	Standard ②
	1 1/16 – 1 3/16	1/4 X 1/16
	1 1/4	1/4 X 1/32
SH	1/2 – 1 3/8	Standard ②
	1 7/16 – 1 5/8	3/8 X 1/16
	1 11/16	No K.S.
SD	1/2 – 1 11/16	Standard ②
	1 3/4	3/8 X 1/8
	1 13/16	1/2 X 1/8
	1 7/8 – 1 15/16	1/2 X 1/16
SK	1/2 – 2 1/8	Standard ②
	2 3/16 – 2 1/4	1/2 X 1/8
	2 5/16 – 2 1/2	5/8 X 1/16
	2 9/16 – 2 5/8	No K.S.

Bushing	Bores	Keyseat
SF	1/2 – 2 1/4	Standard ②
	2 5/16 – 2 1/2	5/8 X 3/16
	2 9/16 – 2 3/4	5/8 X 1/16
	2 13/16 – 2 7/8	3/4 X 1/16
	2 15/16	3/4 X 1/32
E	7/8 – 2 7/8	Standard ②
	2 15/16 – 3 1/4	3/4 X 1/8
	3 5/16 – 3 1/2	7/8 X 1/16
F	1 – 3 1/4	Standard ②
	3 5/16 – 3 3/4	7/8 X 3/16
	3 13/16 – 3 15/16	1 X 1/8
	4	No K.S.
J	1 7/16 – 3 13/16	Standard ②
	3 7/8 – 3 15/16	1 X 3/8
	4 – 4 1/2	1 X 1/8

②

Standard Keyseat Dimension

Shaft Dia.	Width	Depth
1/2 – 9/16	1/8	1/16
5/8 – 7/8	3/16	3/32
15/16 – 1 1/4	1/4	1/8
1 5/16 – 1 3/8	5/16	5/32
1 7/16 – 1 3/4	3/8	3/16
1 13/16 – 2 1/4	1/2	1/4
2 5/16 – 2 3/4	5/8	5/16
2 13/16 – 3 1/4	3/4	3/8
3 5/16 – 3 3/4	7/8	7/16
3 13/16 – 4 1/2	1	1/2
4 9/16 – 5 1/2	1 1/4	5/8
5 9/16 – 6 1/2	1 1/2	3/4