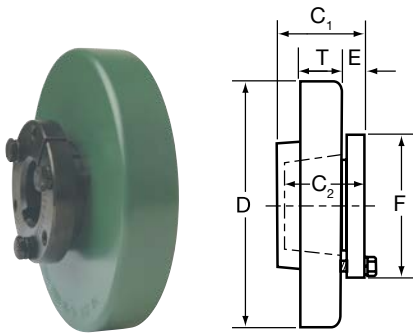


Type B Sure-Flex Plus®

QD - Closed Coupled Applications



Flanges

Type B flanges are made of high-strength cast iron and are designed to accommodate Wood's Sure-Grip Bushings for easy installation and removal.

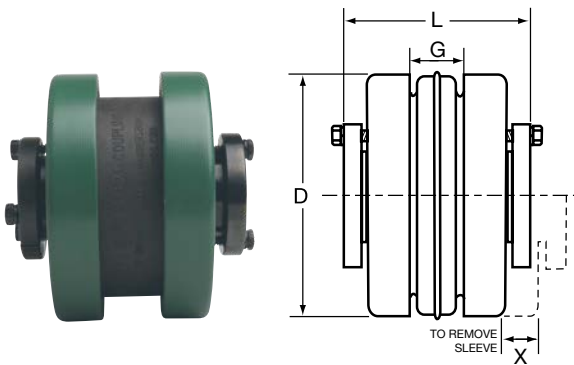
Bushings

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 (mm)

Part Number	Bushing Required	Dimensions									Max Bore*	Weight (kg) ■	
		C ₁	C ₂	D	E	F	G	L	T	X		Flange	Bushing
6B	JA	31	25	102	12	51	22	86	20	28	32	0.64	0.36
7B	JA	41	25	117	12	51	25	89	20	33	32	0.86	0.36
8B	SH	48	32	138	14	68	29	103	23	28	41	1.3	0.45
9B	SD	57	46	161	16	97	37	121	27	45	49	2.2	0.68
10B	SK	49	48	191	18	98	41	140	31	51	64	3.5	0.91
11B	SF	56	51	219	17	117	48	159	38	60	75	5.4	1.6
12B	E	69	67	254	23	152	54	191	43	65	89	8.2	4.1
13B	F	95	92	298	27	168	68	222	50	76	100	14	6.4
14B	F	95	92	352	27	168	83	251	57	89	100	23	6.4
16B	J	122	114	479	32	184	121	324	70	108	114	54	10

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



Couplings

Type B Sure-Flex Plus couplings can use any EPDM and Neoprene sleeves. Do not use Hytrel sleeves with Type B couplings.

Spacing between internal flange hubs equals L minus 2 times C₂. Spacing between shafts should be greater than 3.2 mm and less than G.

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

Sure-Grip® Bushing Keyseat Dimensions (mm)

Bushing	Bore	Keyseat	Bushing	Bore	Keyseat	Bushing	Bore	Keyseat	Shaft Dia.	Width	Depth
JA	15-16	5 x 5	SF	28-30	8 x 7	J	50	14 x 9	1/2 - 9/16	1/8	1/16
	19-20	6 x 6		32-38	10 x 8		55	16 x 10	5/8 - 7/8	3/16	3/32
	24-25	8 x 6*		40-42	12 x 8		60-65	18 x 11	15/16 - 1-1/4	1/4	1/8
	28	8 x 5*		45-50	14 x 9		70-75	20 x 12	1-5/16 - 1-3/8	5/16	5/32
SH	24-30	8 x 7		55	16 x 10		80-85	22 x 14	1-7/16 - 1-3/4	3/8	3/16
	32-35	10 x 8		60	18 x 11		90-95	25 x 14	1-13/16 - 2-1/4	1/2	1/4
SDS	24-30	8 x 7		65	18 x 8*		100	28 x 16	2-5/16 - 2-3/4	5/8	5/16
	32-38	10 x 8	E	35-38	10 x 8				2-13/16 - 3-1/4	3/4	3/8
	40-42	12 x 8		40-42	12 x 8				3-5/16 - 3-3/4	7/8	7/16
SD	24-30	8 x 7		45-50	14 x 9				3-13/16 - 4-1/2	1	1/2
	32-38	10 x 8		55	16 x 10				4-9/16 - 5-1/2	1-1/4	5/8
	40-42	12 x 8		60-65	18 x 11				5-9/16 - 6-1/2	1-1/2	3/4
SK	24-30	8 x 7		70-75	20 x 12						
	32-38	10 x 8		80	22 x 11*						
	40-42	12 x 8	F	45-50	14 x 9						
	45-50	14 x 9		55	16 x 10						
	55	16 x 10		60-65	18 x 11						
				70-75	20 x 12						
				80-90	22 x 14						

*Shallow key furnished