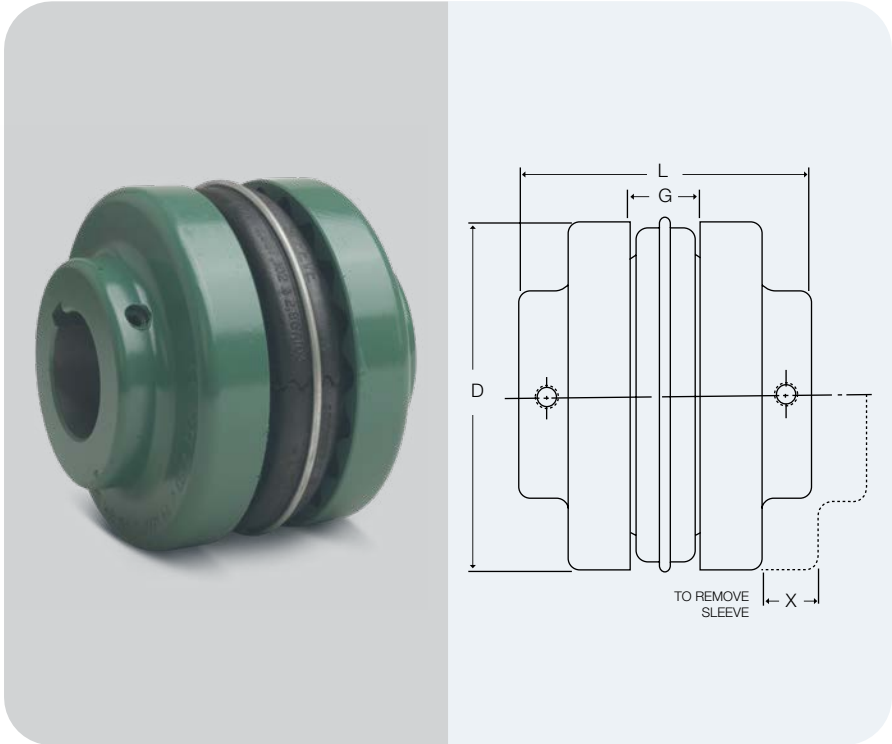




# Type S Sure-Flex Plus® BTS

## Selection For Close Coupled Applications



### COUPLINGS

Spacing between shafts should be greater than 1/8 in. and less than L minus .85 times the sum of the two bore diameters. Spacing between internal flange hubs equals  $L - 2 \times C$ .

To order couplings, refer to the part number examples on page F1-3.

### DIMENSIONS (in.)

STOCK BORES																Max Bore		SHALLOW KEYSEAT DIMENSIONS ②																		
Millimeters																① Standard Keyseat	② Shallow Keyseat	Bore	K.S.	Key	Bore	K.S.	Key	Bore	K.S.	Key										
14	15	16	19	20	24	25	28	30	32	35	38	42	45	48	50												52	55	60	65	70	80	90			
X	X	X	X	X	X	X	X																	1-3/16	1-1/4	1-1/4	1/4 X 1/16	1/4 X 3/16 X 1-3/8	-	-	-	-	-	-	-	
	X		X	X	X	X	X	X	X	X	X													1-7/16	1-1/2 ④	-	-	-	-	-	-	-	-	-	-	-
				X	X	X	X	X	X		X														1-3/4	1-1/2 & 1-5/8	3/8 X 1/8	3/8 X 5/16 X ③	1-3/4	3/8 X 1/16	3/8 X 1/4 X 1-1/4	-	-	1-7/8	1/2 X 1-9/16	1/2 X 5/16 X 1-9/16
			X	X	X	X	X	X	X	X	X	X												1-5/8	1-7/8	1-7/8	1/2 X 1/8	1/2 X 3/8 X 1-7/8	-	-	-	-	-	-	-	
				X	X	X	X	X	X	X	X	X	X											1-15/16	2-1/4 ④	2-1/8	1/2 X 3/16	1/2 X 7/16 X 2-1/8	-	-	-	-	-	-	-	
																									2-3/8	-	-	-	2-3/8	5/8 X 1/8	5/8 X 7/16 X 1-7/8	-	-	-	-	
				X				X	X	X	X	X												2-1/2	2-3/4 ④	-	-	-	-	-	-	-	-	-	-	
																									2-7/8	2-7/8	3-1/4 X 1/8	3/4 X 1/2 X 2-1/4	-	-	-	-	-	-	-	
								X	X	X	X	X	X	X	X	X	X							2-3/4	3-1/8 ④	2-7/8	3/4 X 1/4	3/4 X 5/8 X 2-3/4	-	-	-	-	-	-	-	
																									3-3/8	-	-	-	3-3/8	7/8 X 3/16	7/8 X 5/8 X 2-5/8	-	-	-	-	
											X	X	X	X			X	X	X	X				3-3/8	3-7/16 ④	3-7/16	7/8 X 3/16	7/8 X 5/8 X 3-7/16	-	-	-	-	-	-	-	
																									3-7/8	3-7/8	3-7/8	1 X 1/4	1 X 3/4 X 3	-	-	-	-	-	-	-
															X		X	X	X	X				3-7/8	3-15/16	-	-	-	-	-	-	-	-	-	-	
																								4-1/2	-	-	-	-	-	-	-	-	-	-	-	
																								5	-	-	-	-	-	-	-	-	-	-	-	
																								5-1/2	6	-	-	-	-	-	-	-	-	-	-	

① See charts on page F1—13  
 ② Some large bore Type S flanges are supplied with shallow keyseats. In these cases, a rectangular key is furnished. The bores involved are listed above.  
 ③ 1-5/8 for 1-1/2 bore, 1-5/16 for 1-5/8 bore.  
 ④ Altered bores available only up to this diameter.