

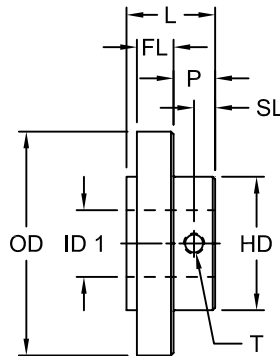
S Type Flanges and S Type Couplings

S Type Flanges

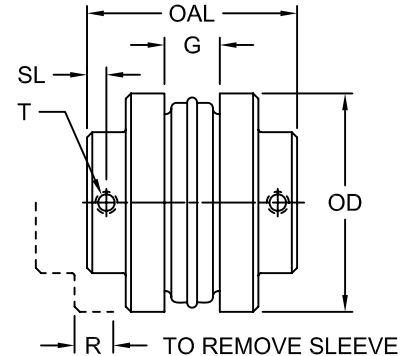
- S flanges are made of high strength cast iron and are bored-to-size for a slip fit on standard shafts
- S flanges are easy to install, are readily available from stock in a wide range of popular bore sizes, and are supplied with two set screws at 90°

S Type Couplings

- S Type couplings, normally supplied with the two-piece E sleeve, can be used with any JE, JN, N, H, or HS sleeves



S Type Flange



S Type Coupling

S Type Dimensional Data

Size	ID1		L	FL	P	SL	OD	T	HD	OAL	G	R	Weight Flange lbs
	Max Bore Standard Keyway in	Max Bore Shallow Keyway in											
5S	1.188	1.250	1.34	0.59	0.45	0.29	3.250	1/4-20	1.88	2.81	0.75	0.97	1.1
6S	1.438	1.500	1.64	0.78	0.53	0.29	4.000	5/16-18	2.50	3.50	0.88	1.09	1.9
	—	1.750	1.64	0.78	0.53	—	4.000	—	2.50	3.50	0.88	1.09	1.8
7S	1.625	1.875	1.84	0.78	0.69	0.35	4.625	3/8-16	2.81	3.94	1.00	1.31	2.6
8S	1.938	2.250	2.10	0.88	0.75	0.38	5.450	3/8-16	3.25	4.39	1.13	1.50	4.4
	—	2.375	1.94	0.88	1.03	—	5.450	—	3.25	4.95	1.13	1.50	3.7
9S	2.375	2.500	2.41	1.03	0.78	0.41	6.350	1/2-13	3.63	5.06	1.44	1.75	6.5
	—	2.875	2.28	1.03	1.25	—	6.350	—	4.13	6.00	1.44	1.75	6.2
10S	2.750	3.125	2.70	1.22	0.81	0.41	7.500	1/2-13	4.38	5.69	1.63	2.00	10.5
	—	3.375	2.70	1.22	0.81	—	7.500	—	4.75	5.69	1.63	2.00	9.8
11S	3.375	3.625	3.44	1.50	1.13	0.56	8.625	1/2-13	5.25	7.13	1.88	2.38	16.6
	—	3.875	3.06	1.50	1.56	—	8.625	—	5.63	8.00	1.88	2.38	16.4
12S	2.875	—	4.00	1.69	1.28	0.63	10.000	1/2-13	4.88	8.25	2.31	2.69	27.5
	3.875	3.938	4.00	1.69	1.28	—	10.000	—	5.75	8.25	2.31	2.69	26.6
13S	4.500	—	4.38	1.97	1.31	0.81	11.750	5/8-11	6.75	9.25	2.69	3.06	45.0
14S	5.000	—	4.50	2.25	1.06	0.62	13.875	5/8-11	7.50	9.88	3.25	3.50	69.0
16S	5.500	6.000	6.00	2.75	2.00	1.00	18.875	5/8-11	8.00	14.50	4.75	4.25	125.0

- Notes: ■ Spacing between shafts should be greater than 1/8 inch and less than OAL minus the sum of the two bore dimensions.
 ■ See page SF-12 for Performance Data.
 ■ The sizes with two dimensions listed indicate measurements for standard flanges (1st Line) and modified spacer flanges (2nd Line). See page SF-20.

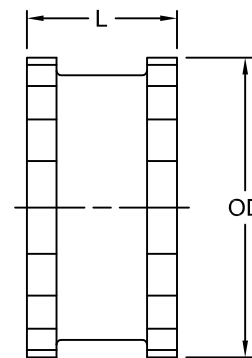
S-Flex Sleeve Types

S-Flex Sleeves

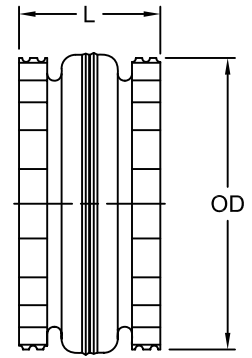
- Flexible sleeves for Lovejoy S-Flex couplings are available in three materials (EPDM, Neoprene, and Hytrel®) and in three basic designs: one piece solid, one-piece split, or two piece

JE, JN, JES and JNS Types

- JE and JN Type sleeves feature a one-piece solid design
- JES and JNS Type sleeves feature a one-piece split design
- JE and JES Type sleeves are molded in EPDM material
- JN and JNS Type sleeves are molded in Neoprene material



JE, JN, JES and JNS Types



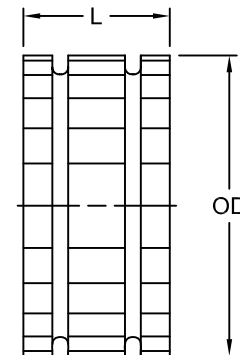
E and N Types

E and N Types

- E and N Type sleeves feature a two-piece design with retaining ring
- E Type sleeves are made from EPDM material and are available in sizes 5-16
- N Type sleeves are made from Neoprene material and are available in sizes 5-14
- Two piece sleeves are ideal for applications where small shaft separations inhibit the installation of a one piece sleeve

H and HS Types

- H and HS Type sleeves are designed for high torque applications, transmitting about 4 times as much power as an equivalent EPDM or Neoprene sleeve
- Hytrel sleeves are available in a one-piece solid (H) or two-piece split (HS) construction
- Hytrel sleeves can be used only with S or SC flanges and can not be used with J or B flanges
- Hytrel sleeves should not be used as direct replacements for EPDM or Neoprene applications
- H and HS Type sleeves are available for sizes 6-14 (sizes 13 and 14 are available in HS only)



H and HS Types

Sleeve Dimensional Data

Size	L	OD		L	OD		L	OD	
	Types JE, JES, JN & JNS			Types E & N			Types H & HS		
	EPDM & Neoprene			EPDM & Neoprene			Hytrel		
	in	in	Weight lbs	in	in	Weight lbs	in	in	Weight lbs
3	1.00	1.88	0.06	—	—	—	—	—	—
4	1.25	2.31	0.10	—	—	—	—	—	—
5	1.56	2.94	0.20	1.56	2.94	0.25	—	—	—
6	1.88	3.75	0.40	1.88	3.75	0.49	1.88	3.75	0.44
7	2.19	4.34	0.62	2.19	4.34	0.77	2.19	4.34	0.69
8	2.50	5.06	1.13	2.50	5.06	1.40	2.50	5.06	1.40
9	3.00	6.00	1.46	3.00	6.00	2.00	3.00	6.00	1.80
10	3.44	7.06	2.32	3.44	7.06	3.20	3.44	7.06	2.90
11	—	—	—	4.00	8.19	5.10	4.00	8.19	4.50
12	—	—	—	4.69	9.56	8.10	4.69	8.56	7.30
13	—	—	—	5.50	11.19	13.00	5.50	11.19	11.80
14	—	—	—	6.50	13.09	21.10	6.50	13.09	19.30
16	—	—	—	8.75	17.91	45.30	—	—	—

Note: ■ See page SF-12 for Performance Data.