



Sure-Flex Plus Sleeve Couplings

- Max. angular misalignment: 1° with EPDM sleeves, ¼° with Hytrel sleeves
- EPDM temp range: -30° to 275°F (-34° to 135°C)
- Hytrel temp. range: -65° to 250°F (-54° to 121°C)

Elastomer-in-shear design offers exceptional torsional flexibility to help protect equipment from misalignment, vibration, and shock loads. No lubrication required.

Note: A complete coupling consists of 2 flanges and 1 sleeve, sold separately.

Coupling Flanges

- Type 3J, 4J, and 5J: sintered carbon steel
- Type 6J and all S: cast iron
- Each has a keyway and 2 set screws

Coupling Sleeves

- JE: 1-pc. solid EPDM rubber
- JES: split 1-pc. EPDM rubber
- E: 2-pc. EPDM rubber with retaining ring
- H: 1-pc. molded Hytrel
- HS: 2-pc. molded Hytrel



Complete Coupling Assembly



Flange



Sleeve

Coupling Size	Rated Torque	Max. RPM	Coupling Ratings				Assembled Coupling Dim.	
			100	1200	1800	3600	O.D.	Length
Couplings Assembled with Sleeve Type JE, JES								
3	78 in-lb	9,200 RPM	0.12 hp	1.49 hp	2.23 hp	4.46 hp	2.062 in	1.97"
4	156 in-lb	7,600 RPM	0.25 hp	2.97 hp	4.46 hp	8.91 hp	2.5 in	2.39"
Couplings Assembled with Sleeve Type E, JE, JES								
5	312 in-lb	7,600 RPM	0.5 hp	5.94 hp	8.91 hp	17.82 hp	3.25 in	2.84"
6	585 in-lb	6,000 RPM	0.93 hp	11.14 hp	16.71 hp	33.42 hp	4 in	3.50"
7	940 in-lb	5,250 RPM	1.49 hp	17.9 hp	26.85 hp	53.69 hp	4.625 in	3.94"
8	1,475 in-lb	4,500 RPM	2.34 hp	28.08 hp	42.13 hp	84.25 hp	5.45 in	4.44"
9	2,340 in-lb	3,750 RPM	3.71 hp	44.55 hp	66.83 hp	133.66 hp	6.35 in	5.06"
10	3,735 in-lb	3,600 RPM	5.93 hp	71.11 hp	106.67 hp	213.34 hp	7.5 in	5.69"
Couplings Assembled with Sleeve Type H, HS								
6	1,800 in-lb	6,000 RPM	2.9 hp	34.27 hp	51.41 hp	98.53 hp	4 in	3.50"
7	2,875 in-lb	5,250 RPM	4.6 hp	54.74 hp	82.11 hp	157.38 hp	4.625 in	3.94"
8	4,500 in-lb	4,500 RPM	7.2 hp	86.25 hp	129.38 hp	247.97 hp	5.45 in	4.44"
9	7,200 in-lb	3,750 RPM	11.4 hp	137.09 hp	205.63 hp	394.13 hp	6.35 in	5.06"
10	11,350 in-lb	3,600 RPM	18 hp	216.1 hp	324.16 hp	621.3 hp	7.5 in	5.69"

Coupling Size	Bore Dia.										JE Sleeves Item No.	JES Sleeves Item No.	E Sleeves Item No.	H Sleeves Item No.	HS Sleeves Item No.		
	½ in	¾ in	1 in	1 ¼ in	1 ½ in	1 ¾ in	2 in	2 ¼ in	2 ½ in	3 in							
Coupling Flange (Complete Assembly Requires 2 Coupling Flanges and 1 Sleeve, Sold Separately)																	
Type J Flanges																	
3	32ZR12	32ZR13	32ZR14	32ZR15	—	—	—	—	—	—	—	—	32ZP54	32ZP62	—	—	—
4	32ZR16	32ZR17	32ZR18	32ZR19	32ZR20	—	—	—	—	—	—	—	32ZP55	32ZP63	32ZP70	—	—
5	32ZR21	32ZR22	32ZR23	32ZR24	32ZR25	32ZR26	—	—	—	—	—	—	32ZP56	32ZP64	32ZP71	—	—
6	—	32ZR27	32ZR28	32ZR29	32ZR30	32ZR31	32ZR32	32ZR33	—	—	—	—	32ZP57	32ZP65	32ZP72	—	—
Type S Flanges																	
6	—	—	—	—	49EP53	49EP54	49EP55	49EP56	49EP57	49EP58	—	—	32ZP57	32ZP65	32ZP72	32ZP98	32ZR05
7	—	—	—	32ZR35	32ZR36	32ZR37	32ZR38	32ZR39	32ZR40	32ZR41	—	—	32ZP58	32ZP66	32ZP73	32ZP99	32ZR06
8	—	—	—	32ZR44	32ZR45	32ZR46	32ZR47	32ZR48	32ZR49	32ZR50	32ZR52	32ZR53	32ZP59	32ZP67	32ZP74	32ZR01	32ZR07
9	—	—	—	—	—	32ZR55	32ZR56	32ZR57	32ZR58	32ZR59	32ZR61	32ZR63	32ZP60	32ZP68	32ZP75	32ZR02	32ZR08
10	—	—	—	—	—	—	32ZR67	32ZR68	48VF31	32ZR69	32ZR71	32ZP61	32ZP69	32ZP76	32ZR03	32ZR09	—



Taper Lock Coupling Hub
15E696



Coupling Hub
15E635



Standard Element



Spacer Element



Dura-Flex Shaft Couplings

- Temp. range: -40° to 200°F

Split-in-half design allows easy element installation without disturbing shaft connection; no need to move connected equipment. 100% part-for-part interchangeable with popular bonded tire couplings, with design, materials, and construction that are superior to common orange polyurethane coupling elements. The couplings accommodate shaft misalignment and minimize vibration to help prevent damage to connected equipment, and offer a large range of spacing with few parts.

Note: A complete coupling assembly consists of 2 hubs and 1 element, sold separately. Taper-Lock® coupling hubs require Taper-Lock® bushings.

Coupling Size	Taper-Lock® Coupling Hub	Taper-Lock® Required Bushing	FIXED BORE HUB Bore Dia.										Standard Element Item No.	Spacer Element Item No.
			½ in	¾ in	1 in	1 ¼ in	1 ½ in	1 ¾ in	2 in	2 ¼ in	2 ½ in	3 in		
Coupling Hubs (Complete Assembly Requires 2 Coupling Hubs and 1 Element)														
WE2	—	—	15E635	15E637	15E636	15E638	—	—	—	—	—	—	—	—
WE3	15E696	1008	15E639	15E640	15E642	15E641	15E644	—	—	—	—	—	—	—
WE4	15E697	1008	—	15E645	15E646	—	15E648	15E649	—	—	—	—	—	—
WE5	15E698	1108	—	15E650	15E652	15E651	15E653	15E654	15E655	—	—	—	—	—
WE10	15E699	1310	—	—	15E657	15E656	15E658	15E659	15E660	—	—	—	—	—
WE20	15E701	1610	—	—	15E662	—	15E663	15E664	—	15E666	15E667	—	—	—
WE30	15E702	2012	—	—	—	—	15E668	15E669	—	15E671	15E672	15E673	—	—
WE40	15E703	2517	—	—	—	—	—	15E674	—	15E675	15E676	15E677	15E678	—
WE50	15E704	2517	—	—	—	—	—	—	—	15E680	15E681	—	15E682	—
WE60	15E705	3020	—	—	—	—	—	—	—	15E683	15E684	—	15E685	—
Coupling Size	Rated Torque	Max. RPM	Coupling Ratings				Assembled O.D.	Standard Element Item No.	Spacer Element Item No.					
			100	1200	1800	3600								
Coupling Elements														
WE2	190 in.-lb.	7500	.30	3.5	5.3	11	3.7"	15E615	15E625					
WE3	365 in.-lb.	7500	.58	6.7	10	20	4.2"	15E616	15E626					
WE4	550 in.-lb.	7500	.88	10	15	31	4.5"	15E617	15E627					
WE5	925 in.-lb.	7500	1.5	17	26	51	5.4"	15E618	15E628					
WE10	1450 in.-lb.	7500	2.3	27	40	81	6.5"	15E619	15E629					
WE20	2300 in.-lb.	6600/4800*	3.6	42	64	128	7.4"	15E620	15E630					
WE30	3650 in.-lb.	5800/4200*	5.8	67	101	203	8.4"	15E621	15E631					
WE40	5500 in.-lb.	5000/3600*	8.8	101	153	305	9.7"	15E622	15E632					
WE50	7650 in.-lb.	4200/3100*	12	141	212	425	11.3"	15E623	15E633					
WE60	12500 in.-lb.	3800/2800*	19	230	347	694	12.5"	15E624	15E634					

* Max. rpm for spacer elements. The higher max. rpm is applicable for spacer elements when using high-speed rings.