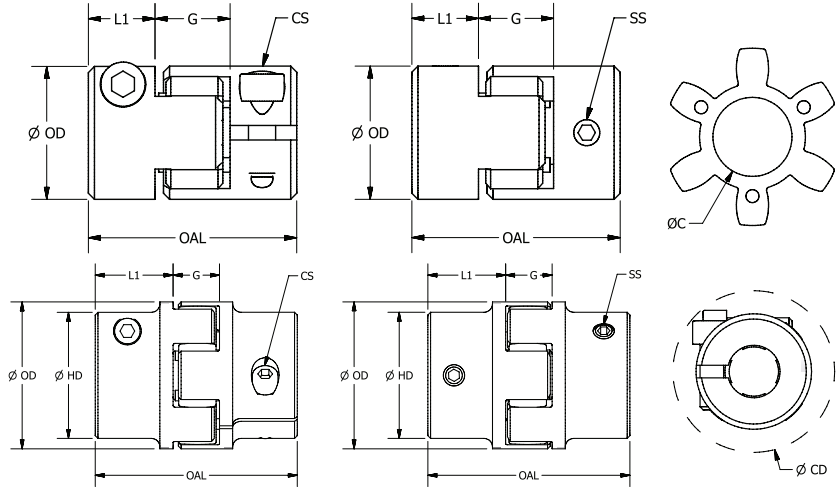


811  
816

# COUPLINGS

## Jaw

811  
816



### Performance

Coupling Code		Coupling Size	OD (in)	OAL (in)	Spider Shore Hardness	Spider Color	Misalignment			Max RPM*	Torque (in-lb)			Torsional Stiffness (in-lb/rad)
Set Screw	Clamp						Axial	Radial	Angular		Nominal	Max	Reversing	
811	812	14	0.55	0.86	80A	Blue	0.030	0.002	1.0	34100	6	12	2	76
813	814	14	0.55	0.86	92A	White	0.030	0.002	1.0	34100	11	21	2	127
815	816	14	0.55	0.86	98A	Red	0.030	0.002	1.0	34100	18	35	2	203
811	812	20	0.78	1.20	80A	Blue	0.030	0.002	1.0	23800	16	32	4	152
813	814	20	0.78	1.20	92A	White	0.030	0.002	1.0	23800	27	53	4	279
815	816	20	0.78	1.20	98A	Red	0.030	0.002	1.0	23800	44	89	4	456
811	812	30	1.18	1.35	80A	Blue	0.030	0.002	1.0	15900	35	71	9	538
813	814	30	1.18	1.35	92A	White	0.030	0.002	1.0	15900	66	133	9	1010
815	816	30	1.18	1.35	98A	Red	0.030	0.002	1.0	15900	111	221	9	1518
811	812	40	1.57	2.55	80A	Blue	0.050	0.008	1.2	1400	43	86	11	2000
813	814	40	1.57	2.55	92A	White	0.050	0.008	1.2	1400	88	177	23	6000
815	816	40	1.57	2.55	98A	Red	0.050	0.008	1.2	1400	150	300	39	10000
811	812	55	2.16	2.97	80A	Blue	0.060	0.009	0.9	10600	151	301	39	8000
813	814	55	2.16	2.97	92A	White	0.060	0.009	0.9	10600	310	620	80	19000
815	816	55	2.16	2.97	98A	Red	0.060	0.009	0.9	10600	530	1060	142	33000

\*Max RPM for SS Style

### Dimensions

Coupling Size	Inch or Metric		OD (in)	HD (in)	OAL (in)	L1 (in)	G (in)	C (in)	Fastener		CD (in)
	Min Bore	Max Bore							Set Screw	Cap Screw	
14	3mm	7mm	0.55	0.55	0.86	0.28	0.30	---	#6-32	#4-40	0.71
20	4mm	9mm	0.78	0.75	1.20	0.39	0.42	---	#8-32	#5-40	0.93
30	1/4"	14mm	1.18	1.18	1.35	0.43	0.49	0.34	#8-32	#6-32	1.27
40	5/16"	24mm	1.57	1.57	2.55	0.98	0.56	0.69	1/4-20	#10-24	1.70
55	3/8"	32mm	2.16	1.86	2.97	1.16	0.63	1.04	5/16-18	1/4-20	2.20

### Materials

Hubs: Aluminum  
Fasteners: Alloy Steel  
Spiders: Polyurethane  
Temp Range: -40°F to 212°F

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