

SPIDER TYPE FLEXIBLE COUPLINGS



SPLIT HUB
PRELOADED RUBBER SPIDER

PHONE: 516.328.3300 • FAX: 516.326.8827 • WWW.SDP-SI.COM

► MATERIAL:

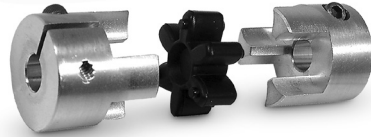
Hubs - Aluminum
Spider - NBR Rubber - 86, 92 or 98 Durometer

► MISALIGNMENT COMPENSATION:

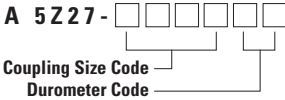
Max. Angular Offset: 1°

► FEATURES:

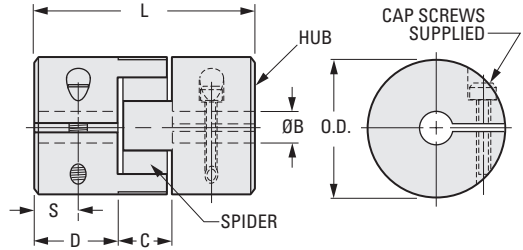
Precision-machined hub with integral fasteners & prestressed spiders which eliminate backlash. Allows limited axial motion.



INCH COMPONENT CATALOG NUMBER



EXAMPLE: A 5Z27-201092 is a complete 25/32 O.D. coupling with a .3125 bore & a 92 durometer spider.



INCH COMPONENT

Catalog Number (Hub Only)	Coupling Size Code	O.D.	B Bore +.001 -.000	S	Cap Screw
A 5A27-2008	2008	25/32	.250	.20	#4-40
A 5A27-2010	2010	25/32	.3125	.20	#4-40
A 5A27-3008	3008	1-3/16	.250	.27	#6-40
A 5A27-3010	3010	1-3/16	.3125	.27	#6-40
A 5A27-3012	3012	1-3/16	.375	.27	#6-40
A 5A27-4012	4012	1-37/64	.375	.43	#10-32
A 5A27-4016	4016	1-37/64	.500	.43	#10-32
A 5A27-4020	4020	1-37/64	.625	.43	#10-32

Catalog Number (Spider Only)	O.D.	Durometer Code	Color	Temp. Range		Max. Lateral Offset	Rated Torque lbf in.
				Oper.	Max. Non Oper.		
A 5R27-2086	25/32	86	Tan	-58°F	-76°F	.007	19
A 5R27-2092	25/32	92	Black	to	to	.005	26
A 5R27-2098	25/32	98	Rust	+175°F	+248°F	.003	44
A 5R27-3086	1-3/16	86	Tan	-40°F	-58°F	.008	48
A 5R27-3092	1-3/16	92	Black	to	to	.006	66
A 5R27-3098	1-3/16	98	Rust	+194°F	+248°F	.004	110
A 5R27-4086	1-37/64	86	Tan	-22°F	-48°F	.006	62
A 5R27-4092	1-37/64	92	Black	to	to	.004	88
A 5R27-4098	1-37/64	98	Rust	+194°F	+248°F	.002	150

Coupling Series (Ref. Only)	O.D.	L Overall Length	C Distance Between Flanges	D Length Through Bore	Rated Torque lbf in.	Max. Axial Motion
A 5Z27-20...	25/32	1-3/16	25/64	7/16	See Spider Data	.030
A 5Z27-30...	1-3/16	1-37/64	15/32	19/32		.040
A 5Z27-40...	1-37/64	2-23/64	19/32	15/16		.050