

# SPIDER TYPE FLEXIBLE COUPLINGS

# SDP/SI

SPLIT TYPE HUB  
PRELOADED RUBBER SPIDER

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**> MATERIAL:**

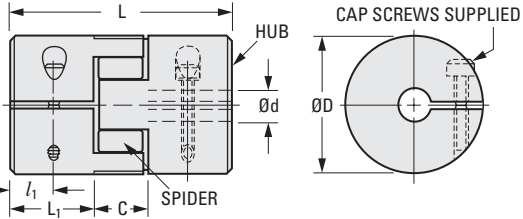
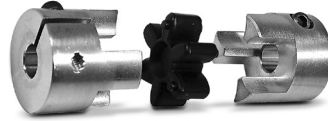
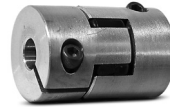
Hubs - Aluminum  
Spider - NBR Rubber - 86, 92 or 98 Durometer

**> MISALIGNMENT COMPENSATION:**

Max. Angular Offset: 1°

**> FEATURES:**

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



### METRIC COMPONENT CATALOG NUMBER

**A 5Z27M**

Coupling Size Code  
Durometer Code

EXAMPLE: **A 5Z27M200692** is a 20 mm O.D. coupling with a 6 mm bore & a 92 durometer spider.

### METRIC COMPONENT

Catalog Number (Hub Only)	Coupling Size Code	D Dia.	d Bore +0.025 0	L <sub>1</sub>	Cap Screw
A 5A27M2005	2005	20	5	5	M3
A 5A27M2006	2006		6		
A 5A27M2008	2008		8		
A 5A27M3006	3006	30	6	7	M3
A 5A27M3008	3008		8		
A 5A27M3010	3010		10		
A 5A27M4010	4010	40	10	11	M4
A 5A27M4012	4012		12		
A 5A27M4016	4016		16		

### METRIC COMPONENT

Catalog Number (Spider Only)	D Dia.	Durometer Code	Color	Temperature Range		Max. Lateral Offset	Rated Torque N • m
				Operating	Max. Nonoperating		
A 5R27M2086	20	86	Tan	-50°C to +80°C	-60°C to +120°C	0.18	2.2
A 5R27M2092		92	Black			0.13	3
A 5R27M2098		98	Rust			0.08	5
A 5R27M3086	30	86	Tan	-40°C to +90°C	-50°C to +120°C	0.21	5.5
A 5R27M3092		92	Black			0.15	7.5
A 5R27M3098		98	Rust			0.09	12.5
A 5R27M4086	40	86	Tan	-30°C to +90°C	-40°C to +120°C	0.14	7
A 5R27M4092		92	Black			0.1	10
A 5R27M4098		98	Rust			0.06	17

Coupling Series (Ref. Only)	D Dia.	L Overall Length	C Distance Between Flanges	L <sub>1</sub> Length Through Bore	Rated Torque N • m	Max. Axial Motion
A 5Z27M20...	20	30	10	11	See Spider Data	0.8
A 5Z27M30...	30	40	12	15		1
A 5Z27M40...	40	60	15	24		1.2

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