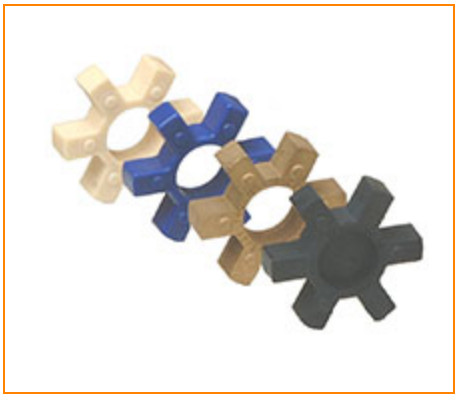
Item Number 68514411494, L Type Spiders - Solid Centers

- The L Type coupling consists of two standard L Type hubs and one spider.



Specifications

Description	L/AL099/100 SPIDER SOX
Coupling Type	Jaw
Material	SOX (NBR) Rubber
Insert Style	Solid
Color	Black
Type	Elastomeric Insert
Weight	0.06 lb

Dimensional Data

Coupling Size	L099, L100, AL099, AL100
Dimension A	2.540 in 64.52 mm
Dimension B	0.43 in 10.92 mm
Dimension DC	0.250 in 6.35 mm
Dimension H	1.030 in 26.16 mm
Dimension W	0.61 in 15.49 mm
Cubic inches	3.93548 in^3

Performance Data

Normal Temperature Range	-40 to 212 °F -40 to 100 °C
Nominal Torque	318 to 417 in·lb 35.9 to 47.1 N·m
Angular Misalignment	1.00 °
Parallel Misalignment	0.150 in
Shore Hardness	80A
Damping Capacity	High
Chemical Resistance	Good

Spider Performance

Spider Performance	• Nitrile Butadiene (Buna N) Rubber is a flexible elastomer material that is oil resistant, resembles natural rubber in resilience and elasticity and operates effectively in temperature range of -40° to 212° F (-40° to 100° C). Good resistance to oil. Standard elastomer. (Also applies to SXB Cushions.)

Elastomers in Compression

Elastomers in Compression	Lovejoy offers four types of elastomer designs to allow for additional flexibility in addressing specific application requirements. One piece designs are used in the “L” and “AL” models (referred to as spiders) and multiple part “load cushions” are used in the “C” and “H” model couplings. The load cushions are in sets of 6 to 14 pieces depending on coupling size. Solid Center Spider • The solid center design is commonly used design when shafts of the driver and driven equipment can be kept separate by a standard gap Open Center Spider • The open center design allows for the shafts of the driver and driven to be positioned within a short distance • Open center spiders offer shaft positioning flexibility but have a lower RPM capacity (1,750 RPM maximum for NBR, 3,600 maximum for Urethane/Hytrel®) Cushions • Used exclusively for the C and H Type couplings • Load cushions are held in place radially by a steel collar which is attached to one of the hubs Snap Wrap Flexible Spider • Design allows for easy removal of the spider without moving the hubs • Allows for close shaft separation all the way up to the hubs maximum bore • Maximum RPM is 1,750 RPM with the retaining ring, but if used with the LC Type (with collar) the normal RPM rating of the coupling applies

	• Style is available in NBR and Urethane only, and in limited sizes

Notes

Notes	• NBR standard shore hardness is 80A ±5A – Except L035=60A. Other softer or harder designs are available in NBR material; consult Lovejoy.