



Lovejoy, Inc.

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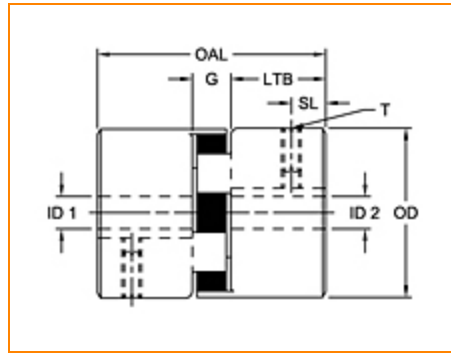
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Item Number 68514411516, L Type Hubs with Keyway - Inch (Imperial) Bores

- Standard L Type coupling hub materials are either sintered iron (L035-L190) or cast iron (L225-L276).
- The L Type coupling consists of two standard L Type hubs and one spider.
- Unless stated otherwise, hub torque and horsepower ratings assume a SOX(NBR) rubber spider is being used.



[Notes](#) | [Specifications](#) | [Dimensional Data](#) | [Performance Data](#) | [Spider Performance](#) | [Features](#)

Notes

Disclaimer

Lovejoy: CAD Models are accurate envelope dimensions only. Features such as bore size and keyway are not rendered or are only representative. Contact Lovejoy Technical Support or refer to product catalogs for details.

Notes

- Jaw coupling hubs are standard with one set screw, for two set screws see RRS & RRC sections.

Specifications

Description	L100 HUB 1" 1/4X1/8 KW
Hub Style	1
Coupling Type	Jaw
Material	Sintered Iron
Color	Metallic
# of Jaws	3
Elastomeric Member	SOX (NBR) Rubber
Weight	1.40 lb
Weight (Complete Coupling w/ Max. Bores)	3.20 lb
Weight (Complete Coupling w/ Min. Bores)	2.40 lb

Dimensional Data

Bore Size	1 in
Coupling Size	L100
Keyway Size (W x D)	1/4 x 1/8 in
Length thru Bore	1.38 in 35.05 mm
Overall Length	3.480 in 88.39 mm
Outside Diameter	2.54 in 64.52 mm
Min. Bore (Dimensions ID1/ID2)	0.438 in 11.00 mm
	1.275 in

Max. Bore (Dimensions ID1/ID2)	1.375 in 35.00 mm
Hub Length	2.09 in 53.09 mm
Dimension G	0.71 in 18.03 mm
Dimension SL	0.440 in 11.18 mm
Dimension T	5/16-18
Cubic inches	13.48384 in ³

Performance Data

Nominal Torque	417.00 in·lb
Max. Speed	7000.00 rpm
Rated HP at 100 rpm	0.66 hp
Rated HP at 1,200 rpm	7.92 hp
Rated HP at 1,800 rpm	11.90 hp
Rated HP at 3,600 rpm	23.76 hp

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.)
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Features

Features

- Fail-safe – will still perform if elastomer fails
- No metal to metal contact
- Resistant to oil, dirt, sand, moisture and grease
- More than 850,000 combinations of bore sizes
- Most types available from stock in 24 hours