



Lovejoy, Inc.

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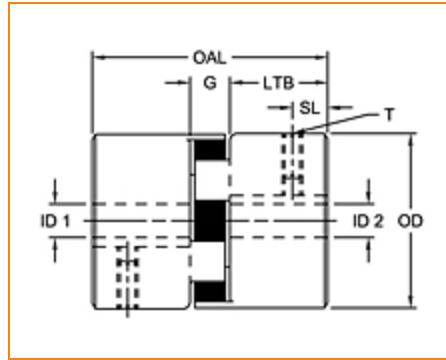
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## Item # 68514417984, AL Type Hubs with Keyway - Inch (Imperial) Bores

- The AL Type coupling consists of two standard AL Type hubs and one spider (find under L Type components, or the AL section for AL150).
- Unless stated otherwise, hub torque and horsepower ratings assume a SOX(NBR) rubber spider is being used.



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### Specifications

Description	AL110 HUB 1-1/4 1/4X1/8 KW
Hub Style	1
Coupling Type	Jaw
Material	Aluminum
Color	Silver
# of Jaws	3
Elastomeric Member	SOX (NBR) Rubber

<b>Weight</b>	1.15 lb
<b>Weight - Solid</b>	2.10 lb
<b>Weight (Complete Coupling w/ Max. Bores)</b>	2.70 lb

## Dimensional Data

<b>Bore Size</b>	1 1/4 in
<b>Coupling Size</b>	AL110
<b>Thread (Dimension T)</b>	5/16-18
<b>Keyway Size (W x D)</b>	1/4 x 1/8 in
<b>Length thru Bore</b>	1.690 in 42.93 mm
<b>Overall Length</b>	4.25 in 107.95 mm
<b>Min. Bore (Dimensions ID1/ID2)</b>	0.625 in 16.00 mm
<b>Max. Bore (Dimensions ID1/ID2)</b>	1.625 in 41 mm
<b>Hub Length</b>	2.56 in 65.02 mm
<b>Dimension G</b>	0.870 in 22.10 mm
<b>Dimension HD</b>	3.31 in 84.07 mm
<b>Dimension SL</b>	0.750 in 19.05 mm
<b>Cubic inches</b>	28.04762 in <sup>3</sup>

## Performance Data

Nominal Torque	792.00 in·lb
Max. Speed	5000 rpm
Moment of Inertia (Solid) $WR^2$	3.531 lb·in <sup>2</sup>
Rated HP at 100 rpm	1.26 hp
Rated HP at 1,200 rpm	15.12 hp
Rated HP at 1,800 rpm	23.00 hp
Rated HP at 3,600 rpm	45.36 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.)

## Features

### Features

- Interchangeable with all hub sizes standard for the L-Line and AL-Line products
- Available in a variety of different finished bore and keyway combinations
- Finished bores passivated for additional rust protection

## Notes

### Notes

- Lovejoy does not recommend reboring AL hubs.
- All hubs are supplied standard with one set screw, except the AL150 which is provided with two set screws.

