



**Lovejoy, Inc.**

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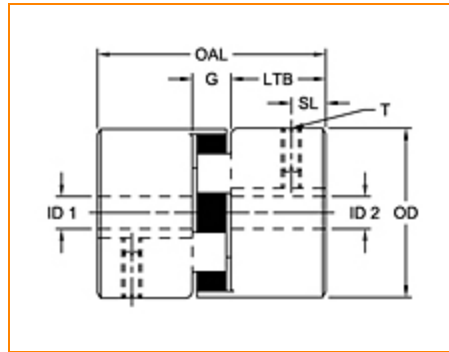
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# Item Number 68514410214, L Type Hubs without Keyway - Inch (Imperial) Bores

- 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.



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## 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                                 | L050 HUB 5/8 N/KW |
| Hub Style                                   | 1                 |
| Coupling Type                               | Jaw               |
| Material                                    | Sintered Iron     |
| Color                                       | Metallic          |
| # of Jaws                                   | 2                 |
| Elastomeric Member                          | SOX (NBR) Rubber  |
| Weight                                      | 0.10 lb           |
| Weight (Complete Coupling w/<br>Min. Bores) | 0.30 lb           |
| Weight (Complete Coupling w/<br>Max. Bores) | 0.20 lb           |

## Dimensional Data

|                                |                      |
|--------------------------------|----------------------|
| Bore Size                      | 5/8 in               |
| Coupling Size                  | L050                 |
| Keyway Size (W x D)            | No Keyway            |
| Length thru Bore               | 0.620 in<br>15.75 mm |
| Overall Length                 | 1.710 in<br>43.43 mm |
| Min. Bore (Dimensions ID1/ID2) | 0.250 in<br>6 mm     |
| Max. Bore (Dimensions ID1/ID2) | 0.625 in<br>16 mm    |
|                                | 1.100 in             |

|                  |                         |
|------------------|-------------------------|
| Hub Length       | 1.100 in<br>27.94 mm    |
| Dimension G      | 0.480 in<br>12.19 mm    |
| Outside Diameter | 1.08 in<br>27.43 mm     |
| Dimension SL     | .31 in<br>7.87 mm       |
| Dimension T      | 1/4-20                  |
| Cubic inches     | 1.28304 in <sup>3</sup> |

## Performance Data

|                       |             |
|-----------------------|-------------|
| Nominal Torque        | 26.30 in·lb |
| Max. Speed            | 18000 rpm   |
| Rated HP at 100 rpm   | 0.042 hp    |
| Rated HP at 1,200 rpm | 0.50 hp     |
| Rated HP at 1,800 rpm | 0.75 hp     |
| Rated HP at 3,600 rpm | 1.51 hp     |

## Spider Performance

|                    |                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Spider Performance | <ul style="list-style-type: none"> <li>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.)</li> </ul> |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## 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