



**The Timken Company**

4500 Mt Pleasant St. NW

N. Canton, OH 44720

**Phone:** (234) 262-3000

**E-Mail:** [CustomerCAD@timken.com](mailto:CustomerCAD@timken.com) • **Web site:** [www.timken.com](http://www.timken.com)

## Part Number 88345031040, QUICK FLEX Hubs with Keyway - Metric Bores

QUICK FLEX couplings consist of two standard hubs, one insert, and one cover.



[Notes](#) | [Specifications](#) | [Dimensional 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.

### Specifications

|               |            |
|---------------|------------|
| Description   | QF50X40MM  |
| Coupling Type | QUICK FLEX |
| Material      | AISI 1018  |
| Color         | Metallic   |

### Dimensional Data

|                         |                    |
|-------------------------|--------------------|
| <b>Bore Size</b>        | 40 mm              |
| <b>Coupling Size</b>    | 50                 |
| <b>Keyway Size (mm)</b> | 12x3.3             |
| <b>Length thru Bore</b> | 2.16 in<br>54.9 mm |
| <b>Max. Bore</b>        | 2 3/8 in<br>60 mm  |
| <b>Dimension D2</b>     | 3.52 in<br>89.4 mm |
| <b>Dimension L1</b>     | 1.78 in<br>45.2 mm |

## Spider Performance

### Spider Performance

QUICK FLEX flexible urethane coupling inserts are resistant to most chemicals and available in four materials for varying temperature and torque needs: QUICK FLEX red insert (standard) The standard QUICK FLEX red insert is made from a relatively soft urethane compound. This insert is well suited for a wide range of applications. The standard insert excels in vibration dampening and cushioning of shock loads and is best for reversing applications or applications with quick starting and stopping of high-inertial loads. This insert offers an operational temperature range of -50° C to 100° C (-60° F to 212° F) with a 48D durometer. QUICK FLEX blue insert (high torque) The QUICK FLEX blue insert is made from a relatively stiff urethane compound. This insert is well suited for applications with moderate to high torque. QUICK FLEX couplings with the blue insert deliver high torque while maintaining a degree of torsional softness and the ability to dampen vibration. They are excellent replacements for gear, grid or chain-style couplings. This insert offers an operational temperature range of -50° C to 100° C (-60° F to 212° F) with a 60D durometer. QUICK FLEX black insert (highest torque) The QUICK FLEX black insert offers the highest torque ratings of any of our inserts. This insert is well suited for very high torque applications, and QUICK FLEX couplings with a black insert are excellent replacements for gear-style couplings. This insert offers an operational temperature range of -50° C to 100° C

(-60° F to 212° F) with a 68D durometer. When using a highspeed cover, the use of a black insert is not recommended. In an application where high torque is present, use a split cover option. QUICK FLEX white insert (high temperature) The QUICK FLEX white insert is made of a heat-resistant urethane compound for use in applications where heat is a concern. This insert offers an operational temperature range of -50° C to 177° C (-60° F to 350° F) with a 60D durometer.

## Features

### Features

No metal to metal contact  
Resistant to oil, dirt, sand, moisture and grease