



The Timken Company

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Part Number 88345005237, QUICK FLEX Elastomeric Inserts

The QUICK FLEX Type coupling consists of two standard hubs, one cover, and one elastomeric insert.



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Specifications

Description	QF175BINSERT
Coupling Type	QUICK FLEX®
Material	Urethane
Insert Style	Wrap
Color	Blue
Type	Elastomeric Insert

Dimensional Data

Coupling Size	175
Dimension M	7.37 in 187.2 mm
Inner Diameter (L)	3.9 in 99.1 mm

99.1 mm

Dimension N2.35 in
59.7 mm**Dimensional Data of Related Coupling****Max. Bore (Dimensions ID1/ID2)**3.9 in
99.1 mm**Performance Data****Nominal Torque** 6656 in·lb**Angular Misalignment** 1.3 °**Parallel Misalignment** 0.058 in**Shore Hardness** 60D**Damping Capacity** None**Chemical Resistance** QUICK FLEX**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

Spider Performance

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.

Elastomers in Compression

Elastomers in Compression

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