



GRINNELL Figure 772 Grooved Rigid Coupling

An economical alternative to welding, threading or using flanges, the GRINNELL Figure 772 Grooved Rigid Coupling is a proven and dependable method of joining pipe.

GRINNELL Mechanical Products, a premier brand of Tyco International, represents a complete suite of mechanical products for HVAC Piping Systems. GRINNELL Mechanical Products has a reputation for offering solutions that allow contractors, engineers, and distributors faster, more effective tools for joining pipe over traditional methods.

Designed to Ensure Reliability

The universal tongue-and-groove design of the Figure 772 Grooved Rigid Coupling housing ensures trouble-free installation and provides a truly rigid joint by firmly gripping along the circumference of the pipe grooves, helping to eliminate movement. Clear and measurable visual inspection can be made from all sides, providing the highest level of confidence that installation was done properly.

The Figure 772 Grooved Rigid Coupling is designed to withstand pressures up to 750 psi (51,7 bar) depending on pipe size and wall thickness. The coupling is UL Listed for grounding and bonding and is suitable for bonding systems with a maximum service entrance capacity of 200 amps.

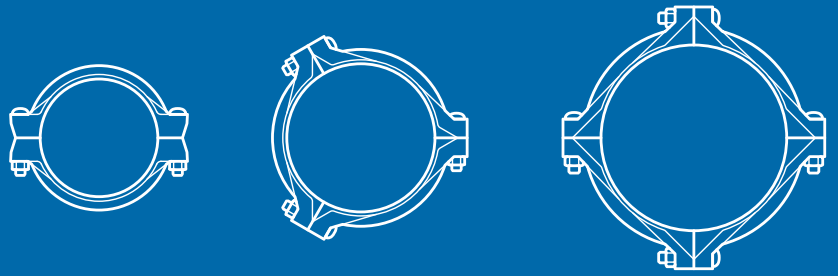
Applications

- HVAC
- Mining
- Industrial
- OEM

Features & Benefits

- Joins pipe ten times faster than traditional methods.
- Two-piece tongue-and-groove design grips entire circumference of pipe and allows for fast and easy installation.
- 360 degree engagement in groove for truly rigid design.
- Clear and measurable visual inspection from all sides to indicate a proper installation.
- Standard industry groove does not require special tools.
- Backed by a 10-Year Limited Warranty — the industry's longest and strongest.





GRINNELL Figure 772 Grooved Rigid Coupling

Available Sizes

1-1/4 Inch to 24 Inch (DN32 to DN600)

Approvals

UL, FM, ULC, VdS, LPCB Cert. Nos. 669a and 673a

Maximum Pressure

Refer to Technical Data Sheet G141

Housing

Ductile iron conforming to ASTM A 536, Grade 65-45-12

Finish

- Orange non-lead paint (standard)
- Red non-lead paint
- Hot-dipped Galvanized conforming to ASTM A 153

Gaskets

- Grade "E" EPDM, Green color code, -30°F to 230°F (-34°C to 110°C)
- Tri-Seal Grade "E" EPDM, Green color code, -30°F to 230°F (-34°C to 110°C), recommended for use in low temperature and vacuum systems
- Grade "T" Nitrile, Orange color code, -20°F to 180°F (-29°C to 82°C)
- Grade "O" Fluoroelastomer, Blue color code, 20°F to 300°F (-7°C to 149°C)
- Grade "L" Silicone, Red gasket, -30°F to 350°F (-34°C to 177°C)
- For proper gasket selection, refer to Technical Data Sheet G610

Bolts/Nuts

- Zinc-electroplated conforming to ASTM B 633
- Refer to Technical Data Sheet G141

2 Piece

Size 1-1/4" - 14"
(DN32 - DN350)



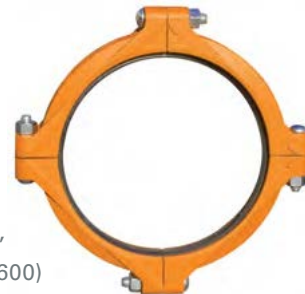
3 Piece

Size 16" - 18"
(DN400 - DN450)



4 Piece

Size 20" - 24"
(DN500 - DN600)



Installation & Assembly

Refer to Technical Data Sheet G906

Technical Data

Refer to G141 GRINNELL Figure 772 Grooved Rigid Coupling technical data sheet for pressure rating, listings and approvals information, ordering procedures, and the limited warranty.

