



Grinnell

Stainless Steel System

Ideal for:

- Commercial
- Industrial
- OEM

Products Available

Figure 472 Rigid Couplings, Figure 405 Flexible Couplings, and Full-Flow Fittings

GRINNELL Mechanical Products offers a complete line of stainless steel grooved products that include Figure 472 Stainless Steel Rigid Couplings, Figure 405 Stainless Steel Flexible Couplings, and Stainless Steel Full-Flow Fittings.

The stainless steel is lightweight, corrosion-resistant steel, Type 304/316 or CF-8M. These products are designed to fit Schedule 5, 10, or 40 stainless steel pipe.

Additional Features

- Proven solution for a variety of applications including pulp and paper plants, chemical food lines, wastewater treatment plants, and pharmaceutical facilities
- Each full-flow fitting is solution annealed for enhanced corrosion resistance
- Full-Flow fittings are UL, ULC, IAPMO, NSF-61, and NSF-61 Annex G approved
- Backed by the industry's best 10-Year Limited Warranty



Figure 472 Stainless Steel Rigid Coupling *(Refer to Tech Data Sheet G560)*

The Figure 472 Rigid Coupling is comprised of cast CF-8M stainless steel. This coupling is capable of handling pressure up to 600 psi (41,4 bar). It features a universal tongue-and-groove design that allows the housing units to grip the circumference of the pipe. Sizes 1-1/4 to 4 inches (31,8mm to 101,6mm) have gripping teeth to prevent rotation during installation. The coupling is supplied with stainless steel nuts and bolts.

Technical Data

Sizes

1-1/4 to 12 Inches (31,8mm to 304,8mm)

Maximum Pressure

Up to 600 psi (41,4 bar) depending on size

Housing

Type CF-8M, ASTM A 743 / A 743M
Cast is equivalent to Type 316 SS

Gasket Materials

- Grade "E" EPDM, Green color code
-30°F to 230°F (-34°C to 110°C)
- Grade "EN" EPDM, Green/Yellow color code
For potable water up to 180°F (82°C)
- 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)



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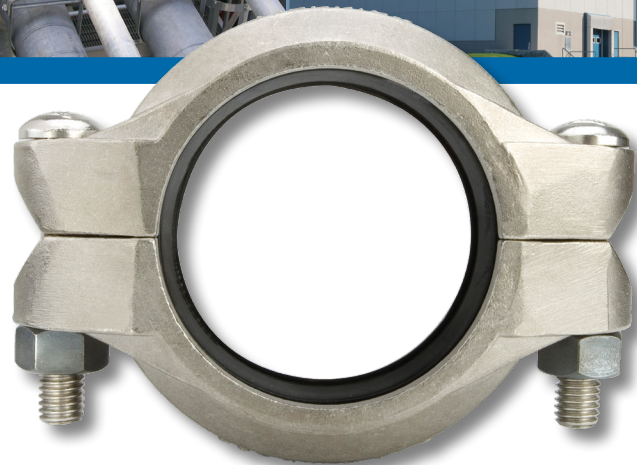


Figure 405 Stainless Steel Flexible Coupling *(Refer to Tech Data Sheet G565)*

The Figure 405 Flexible Coupling is comprised of cast CF-8M stainless steel. This coupling is capable of handling pressure up to 750 psi (51,7 bar). It is supplied with stainless steel nuts and bolts.

Technical Data

Sizes

1 to 8 Inches (25,4mm to 203,2mm)

Maximum Pressure

Up to 750 psi (51,7 bar) depending on size

Housing

Type CF-8M, ASTM A 743 / A 743M
Cast is equivalent to Type 316 SS

Gasket Materials

- Grade "E" EPDM, Green color code
-30°F to 230°F (-34°C to 110°C)
- Grade "EN" EPDM, Green/Yellow color code
For potable water up to 180°F (82°C)
- 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)

Stainless Steel Full-Flow Fittings

(Refer to Tech Data Sheet G570)



Sizes

1 to 12 Inches (25,4mm to 304,8mm)

Material

Type 304/316 SS, ASTM A 403 WPW, or A 403 CR



Figure 401 45° Elbow



Figure 450 Concentric Reducer



Figure 410 90° Elbow



Figure 451 Eccentric Reducer



Figure 419 Tee



Figure 421 Reducing Tee



Figure 460 End Cap
1 to 4 Inches
(25,4 mm to 101,6 mm)



Figure 460 End Cap
5 to 12 Inches
(127 mm to 304,8 mm)