

Mechanical Grooved Piping Solutions

Couplings, Fittings, Stainless Steel Systems, Valves & Accessories



Features & Benefits

- Reduces installation time by up to 70% and pipe joining costs by 30%
- A safer, smarter alternative to welding
- No hot works on site or special tools required
- Backed by a 10-year limited warranty

At-A-Glance

For over 160 years, GRINNELL has been a trusted brand that is recognised for its range of quality and industry-approved mechanical grooved piping solutions, including couplings, fittings, valves and pipe grooving equipment for the HVAC, industrial and commercial markets.

GRINNELL prides itself on innovation and industry best practices, to offer our customers mechanical solutions that save time and reduce project costs. GRINNELL offers an extensive product portfolio of painted, galvanised and stainless steel grooved piping systems.

GRINNELL is committed to exceeding customers' expectations through the added value of GRINNELL Technical Services. Our experts provide high level technical support from design through build, in addition to software innovation and training.

All GRINNELL products are supported by engineering, sales and manufacturing personnel, and backed by an industry-leading 10-year limited warranty.



For the most up-to-date product information including a full range of solutions, pressure ratings, agency listings and approvals, visit www.grinnell.com.

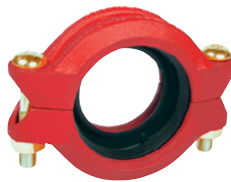
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Rigid Couplings – Figure 774 Rigid Couplings *(Tech Data Sheet G142)*

Provide a rigid joint by firmly gripping along the full circumference of the pipe grooves. A proven dependable method of joining pipe and an economical alternative to welding, threading, or using flanges. It is capable of pressures up to 34.5 Bar (500 psi) depending on pipe size and wall thickness when used in fire protection services.



Flexible Couplings – Figure 705 Flexible Couplings *(Tech Data Sheet G110)*

Allow for angular and linear deflection, thermal expansion and contraction, and misalignments of pipe. Capable of pressures up to 34.5 Bar (500 psi), depending on pipe size and wall thickness. Suitable for use in a variety of applications, the GRINNELL Figure 705 Couplings provide a dependable method of joining pipe.



Mechanical Grooved Fittings – Figure 210 90° Elbows, Figure 219 Tees *(Tech Data Sheet G180)*

GRINNELL Grooved Fittings in ductile iron and fabricated steel provide an economical and efficient method of changing direction, adding an outlet, and reducing or capping piping systems. GRINNELL Grooved Fittings are rated at the pressure rating of the coupling in use.



Valves and Accessories – Model B303 Grooved End Butterfly Valves with Gear and Lever-Lock Operators *(Tech Data Sheet G315)*

Provide efficient control in piping systems of on/off or throttling balancing service, fluid flow, and bubble-tight shut-off. The valves are furnished with grooved ends for use with grooved couplings and can be easily adapted to flanged components utilising GRINNELL Figure 71 and Figure 71H Class 150 Flange Adapters.



Stainless Steel Systems – Figure 472 Rigid Couplings *(Tech Data Sheet G560)*,

Figures 401 and 410 Elbows, Figure 419 Tees *(Tech Data Sheet G571)*

Made of type 316Ti stainless steel capable of pressure up to 51.7 Bar (750 psi).

For pressure ratings of fittings, refer to Tech Data Sheet G571.

GRINNELL is part of Johnson Controls, a global diversified technology and multi industrial leader serving a wide range of customers in more than 150 countries. Our 117,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities.

Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat. We are committed to helping our customers win and creating greater value for all of our stakeholders through strategic focus on our buildings and energy growth platforms.

For additional information, please visit www.johnsoncontrols.com or follow us on Twitter @johnsoncontrols.