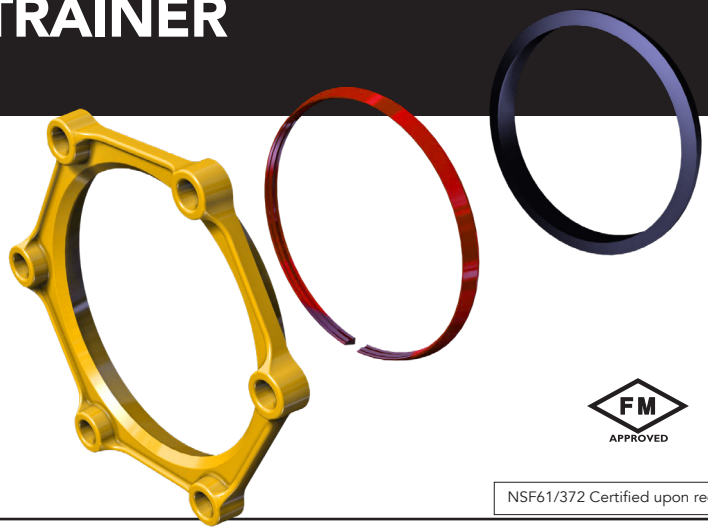
# GRIP RING™ PIPE RESTRAINER
## 4 THROUGH 12 INCH

## SUBMITTAL INFORMATION



FM APPROVED

NSF61/372 Certified upon request.

## USE

The Romac Grip Ring is used for the restraint of mechanical joint pipe, valves, fittings, and fire hydrants in water distribution and fire protection lines. Grip Rings replace costly concrete thrust blocks, corrodible steel tie rods and clamps, and fittings using radial bolts or pads. Not for use on plain end mechanical joint fittings or Molecularly Oriented Polyvinylchloride (PVCO) AWWA C909-02.

## PIPE COMPATABILITY

Grip Rings may be used on most Ductile Iron, Cast Iron, PVC. See Grip Ring Pipe Restrainer Application Chart for specific applications. Chart is on the back of the Grip Ring Installation Instructions or in the current Romac catalog under restraint system.

## MATERIALS

**GLAND (FOLLOWER)**
Ductile (nodular) iron, meeting or exceeding ASTM A 536, Grade 65-45-12.

**RING**
Ductile (nodular) iron, meeting or exceeding ASTM A 536, Grade 65-45-12. Heat treated using a proprietary process to assure proper penetration of rigid pipe materials.

**GAP CAP**
Heavy gauge 304 stainless steel (10 and 12 inch only).

**GASKET**
A standard MJ gasket is used with this fitting. See ANSI/AWWA C111/A21.11 for specifications. Transition gasket is required for IPS size PVC.

**BOLTS AND NUTS**
Standard MJ tee-bolts and nuts are used with this fitting. See ANSI/AWWA C111/A21.11 for specifications.

**COATINGS AND COLORS**
Shop coat applied to the castings for corrosion protection in transit. Glands are yellow to distinguish them from standard MJ fittings. Rings are color coded BLACK for Ductile Iron size and RED for IPS.

## PERFORMANCE

May be used up to the pressure rating of the pipe when used on Ductile Iron, CI, and PVC pipe. Can accommodate up to 5° of deflection. See catalog and installation instructions.

## FM APPROVED

FM approved for cast iron and ductile iron pipe at 175 psi working pressure (4 : 1 test). Also approved for PVC C900 pipe at the pressure rating of the pipe.

## UL LISTED

UL listed for cast iron and ductile iron pipe at 350 psi working pressure. Also listed for PVC C900 pipe at the pressure rating of the pipe. UL reference number is 6M46

## UNI-BELL UNI-B-13-92

UNI-B-13-92 is now governed by ASTM F 1674-96. The Grip Ring meets the requirements of F 1674-96.

*This information is based on the best data available at the date printed above. Please check with Romac for any updates or changes.*

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ROMAC INDUSTRIES, INC.
www.romac.com
21919 20th Avenue SE • Suite 100 • Bothell, WA 98021
Phone (425) 951-6200 • 1-800-426-9341 • Fax (425) 951-6201