



GRINNELL Mechanical Products Figure 909 Plain End Coupling For Steel Pipe

General Description

The GRINNELL Figure 909 Plain End Coupling utilizes hardened gripping teeth to securely grip onto plain and beveled end pipe surfaces. It is capable of pressures up to 750 psi (51,7 bar) depending on pipe size and wall thickness. The Figure 909 Plain End Coupling is designed for Schedule 40 steel pipe and is not for use with steel pipe with a Brinnell hardness greater than 150, plastic, cast or ductile iron pipes. Contact TYCO Fire Protection Products for recommendations on other materials and pipe schedules.

NOTICE

The Figure 909 Plain End Coupling described herein must be installed and maintained in compliance with this document and the standards of any authorities having jurisdiction. Failure to do so may impair the performance of this device.

The owner is responsible for maintaining their system and devices in proper operating condition. Contact the installing contractor or product manufacturer with any questions.

The coupling bolts must be tightened to the bolt torques specified in Figure 1. Excessive torque may damage the bolts and pipe end and cause separation under pressure. Insufficient torque may result in lower pressure performance, joint leakage or pipe separation. Separation of pipe may result in serious personal injury and/or property damage.

Technical Data

Sizes

2 to 10 Inches (DN50 to DN250)

Maximum Pressures

See Figure 1

Housing

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

Protective Coatings

Non-lead orange paint
RAL red (optional) non-lead paint
Hot dipped galvanized conforming to ASTM A-153

Gripping Teeth

Case hardened Steel

Bolt/Nuts

Track Head Bolts - conforming to ASTM A-183, Zinc Plated,
(Min. Tensile = 110,000 psi/758,422 kPa)
Metric - conforming to ASTM F568M

Gasket

(specify when ordering)

Grade "E" EPDM, green color code -30°F (-34°C) to +230°F (+110°C)

Grade "T" Nitrile, orange color code -20°F (-29°C) to +180°F (+82°C)

(See Data Sheet G610 for aid in selecting proper gasket.)

Ordering Procedure

GRINNELL Mechanical Products, are available through a network of distribution centers. For the nearest distributor, visit www.grinnell.com.

When placing an order, indicate the full product name. Specify the quantity, size, (ANSI inch size or pipe O.D.), figure number, type of gasket:

- Grade "E" EPDM
- Grade "T" Nitrile



**10
YEAR
LIMITED
WARRANTY**

For warranty terms and conditions, visit www.grinnell.com

