

## FIG. 7042

### Outlet Coupling

The Gruzlok Fig. 7042 Outlet Coupling is designed to join two sections of grooved end pipe and form a reducing outlet connection. The outlet couplings are available for the 1 1/2" through 6" IPS or ISO run pipe sizes with the outlet pipe sizes ranging from 1/2" through 2".

Assembly of the coupling will create a gap between the pipe ends allowing the space required for the introduction of an outlet connection. The outlet connections are available grooved (Fig. 7042G), FPT (Fig. 7042F) and MPT (Fig. 7042M).

The gaskets are available in EPDM and Nitrile to suit a wide range of applications. The gasket design is a unique pressure responsive design that provides a higher sealing force as pressure is increased. The outlet gasket seal is reinforced by a steel ring and is mated to a machined housing surface to assure a leak-tight outlet seal. Center ribs inside the gasket ease positioning of the pipe during installation and provide additional support to the gasket. The outlet couplings are NOT recommended for vacuum applications or for use with the Gruzlok Advanced Copper Method.



The Figure 7074 Cast Caps are NOT recommended for use on run connections. Figure 7075 Bull Plugs must be used on end of line run connections. Figure 7074 Cast Caps may be used on Figure 7042G outlet connections. Flow into the outlet connection of the Figure 7042 Outlet Couplings must not exceed 7 ft./sec.

## MATERIAL SPECIFICATIONS

### ANSI BOLTS & HEAVY HEX NUTS:

Heat treated, oval neck track head bolts conforming to ASTM A 183 Grade 2 with a minimum tensile strength of 110,000 psi and heavy hex nuts of carbon steel conforming to ASTM A 563 Grade A or Grade B, or J995 Grade 2. Bolts and nuts are provided zinc electroplated as standard.

### METRIC BOLTS & HEAVY HEX NUTS:

Heat treated, zinc electroplated oval-neck track head bolts made of carbon steel with mechanical properties per ISO 898-1 Class 8.8. Hex nuts are zinc electroplated followed by a yellow chromate dip.

### STAINLESS STEEL BOLTS & NUTS:

Stainless steel bolts and nuts are also available. Contact an Anvil Representative for more information.

### HOUSING:

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

### COATINGS:

Rust inhibiting paint Color: ORANGE (standard)  
Hot Dipped Zinc Galvanized (optional)  
Other Colors Available (IE: RAL3000 and RAL9000)  
For other Coating requirements contact an Anvil Representative.

### GASKETS: Materials

Properties as designated in accordance with ASTM D 2000

#### Grade "E" EPDM (Green color code)

-40°F to 150°F (Service Temperature Range)(-40°C to 66°C)  
Recommended for water service, diluted acids, alkalies solutions, oil-free air and many other chemical services.  
NOT FOR USE IN PETROLEUM APPLICATIONS.

#### Grade "T" Nitrile (Orange color code)

-20°F to 150°F (Service Temperature Range)(-29°C to 66°C)  
Recommended for petroleum applications. air with oil vapor and vegetable and mineral oils.  
NOT FOR USE IN HOT WATER OR HOT AIR.

### LUBRICATION:

Standard Gruzlok  
Gruzlok Xtreme™(Do Not use with Grade "L")