

**Fig. 7047** Clamp-T Cross (Thread x Thread)

**Fig. 7048** Clamp-T Cross (Groove x Groove)

**Fig. 7049** Clamp-T Cross (Groove x Thread)



The Gruvlok® Clamp-T provides a branch or cross connection in light wall or standard wall steel pipe.

The Fig. 7045 Clamp-T female pipe thread branch is available with NPT or ISO 7/1 connection and the Fig. 7046 Clamp-T has grooved-end branch connection.

Clamp-T cross connections are available allowing greater versatility in piping design.

**NOTE:** 2½" x 1¼" Figure 7046 cannot be used in cross configuration.

For Listings/Approval Details and Limitations, visit our website at [www.asc-es.com](http://www.asc-es.com) or contact an ASC Engineered Solutions™ Sales Representative.

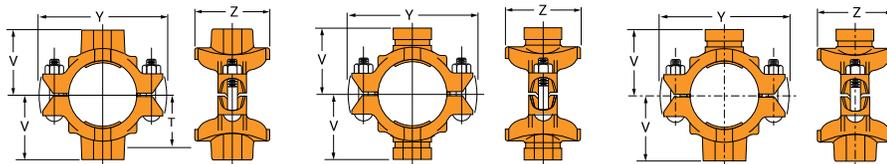


Fig. 7047 - Thread x Thread

Fig. 7048 - Groove x Groove

Fig. 7049 - Groove x Thread

## Material Specifications

### Bolts

SAE J429, Grade 5, Zinc Electroplated  
ISO 898-1, Class 8.8, Zinc Electroplated followed by a Yellow Chromate Dip

### Heavy Hex Nuts

ASTM A563, Grade A, Zinc Electroplated  
ISO 898-2, Class 8.8, Zinc Electroplated followed by a Yellow Chromate Dip

### Housing

Ductile Iron conforming to ASTM A 536, Grade 65-45-12 or Malleable Iron conforming to ASTM A 47, Grade 32510.

### 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 ASC Engineered Solutions™ Representative for more information.

### Gasket Materials

Properties as designated in accordance with ASTM D2000

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

-40°F to 230°F (Service Temperature Range)  
(-40°C to 110°C)

Recommended for water service, diluted acids, alkalis solutions, oil-free air and many other chemical services.

NOT FOR USE IN PETROLEUM APPLICATIONS.

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

-20°F to 180°F (Service Temperature Range)  
(-29°C to 82°C)

Recommended for petroleum applications. air with oil vapors and vegetable and mineral oils.

NOT FOR USE IN HOT WATER OR HOT AIR.

### Lubrication

Standard Gruvlok

Gruvlok Xtreme (Do Not use with Grade "L")

Not for use in copper systems.



PROJECT INFORMATION	APPROVAL STAMP
Project:	Approved
Address:	Approved as noted
Contractor:	Not approved
Engineer:	Remarks:
Submittal Date:	
Notes 1:	
Notes 2:	