CRUVLOK BRANCH OUTLETS



□ FIG. 7047, □ FIG. 7048 & □ FIG. 7049

Fig. 7048

Fig. 7048 - Groove x Groove

Clamp-T, Cross



Fig. 7047

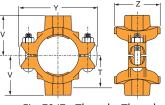


Fig. 7047 - Thread x Thread



Fig. 7049

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: $2^{1}/2^{"} \times 1^{1}/4^{"}$ Figure 7046 cannot be used in cross configuration.

APPROVED

For Listings/Approval Details and Limitations, visit our website at www.anvilintl.com or contact an Anvil® Sales Representative.

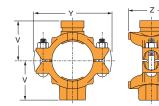


Fig. 7049 - Groove x Thread

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 Anvil Representative for more information.

GASKETS: Materials

Properties as designated in accordance with ASTM D 2000

- □ 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, 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 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
- $\hfill\square$ Gruvlok XtremeTM (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:	