

FIG. 7012

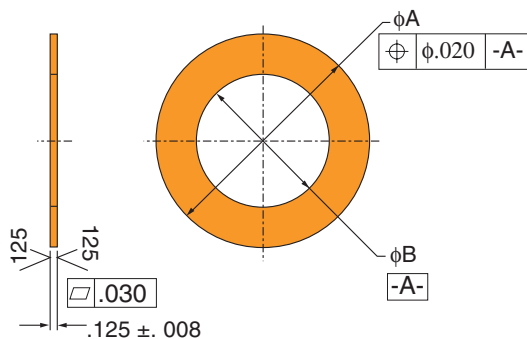
Gruvlok Flanges for Gruvlok Advanced Copper Method

The Gruvlok® Fig. 7012 Flange allows direct connection of Class 125 or Class 150 flanged components to a Gruvlok Advanced Copper Method piping system. The two interlocking halves of the 2" thru 8" sizes of the Gruvlok Flange are hinged for ease of handling, and are drawn together by a latch bolt which eases assembly on the pipe. Precision machined bolt holes, key and mating surfaces assure concentricity and flatness to provide exact fit-up with flanged, lug, and wafer styles of pipe system equipment. A specially designed gasket provides a leak-tight seal on both the pipe and the mating flange face.

All Gruvlok Fig. 7012 Flanges have designed-in anti-rotation tines which bite into and grip the sides of the pipe grooves to provide a secure, rigid connection.

The Gruvlok Fig. 7012 Flange requires the use of a steel adapter insert when used against rubber faced surfaces, wafer/lug design valves and serrated or irregular sealing surfaces. In copper systems a phenolic adapter insert is required, in place of the steel adapter insert. (See Installation and Assembly Instructions Section or contact your Anvil Rep. for details.)

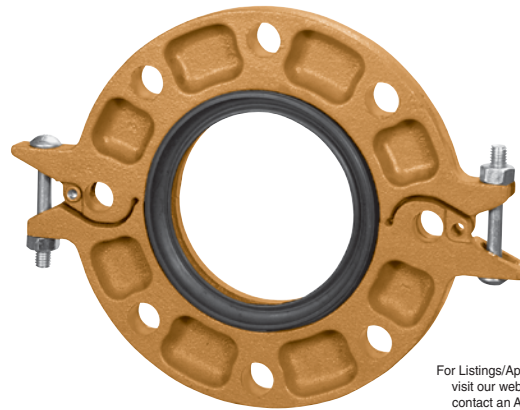
OPTIONAL PHENOLIC FLANGE ADAPTER INSERT



7012 DIMENSIONAL DATA			
Nominal Size	Markings	A	B
<i>In./DN(mm)</i>		<i>In./mm</i>	<i>In./mm</i>
2 50	2-7012 ANSI	4 101.6	2 1/4 57.2
2 1/2 65	2 1/2-7012 ANSI	4 3/4 120.7	2 3/4 69.9
3 80	3-7012 ANSI	5 1/4 133.4	3 3/8 85.9
4 100	4-7012 ANSI	6 3/4 171.5	4 3/8 111.3
5 125	5-7012 ANSI	7 5/8 193.5	5 7/16 138.2
6 150	6-7012 ANSI	8 3/8 218.9	6 1/2 165.1
8 200	8-7012 ANSI	10 7/8 276.1	8 1/2 215.9

NOTES:

1. Material Specification: Natural canvas phenolic



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

MATERIAL SPECIFICATIONS

LATCH BOLT/NUT (2" - 8"):

Heat treated, zinc electroplated, carbon steel oval neck track bolts conforming to ASTM A 183 and zinc electroplated carbon steel heavy hex nuts conforming to ASTM A 563 Grade A or Grade B, or J995 Grade 2.

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), Red (optional).

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) NSF 61 Certified

-40°F to 190°F (Service Temperature Range)(-40°C to 88°C)

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

NOT FOR USE IN PETROLEUM APPLICATIONS.

Grade "EP" EPDM (Green and Red color code) NSF 61 Certified

-40°F to 190°F (Service Temperature Range)(-40°C to 88°C)

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

NOT FOR USE IN PETROLEUM APPLICATIONS.

LUBRICATION:

Gruvlok Xtreme™ lubricant only

NOTE: Lubricant is to be applied to the entire surface, both internal and external of the gasket. For additional important information concerning Gruvlok Xtreme™ Lubricant see Gruvlok Data Sheet 3 "Gruvlok Lubricants".

Contact an Anvil Representative for additional details.