

**FIG. 7402**

**SlideLOK™ Ready for Installation Coupling**



Patent D680629, D680630, D696751

The SlideLOK coupling is a ready for installation coupling designed to reduce installation time. The slide action allows for greater flexibility during installation. The patented gasket provides four separate sealing surfaces for added protection. The engineered metal-to-metal installation requirement is a quick and easy indication of proper assembly.

The SlideLOK is designed to be used with roll groove or cut groove steel pipe, as well as with grooved light wall pipe, Gruitok® grooved-end fittings, and valves. The SlideLOK coupling produces a secure, rigid pipe joint connection.

The SlideLOK coupling allows for a maximum working pressure of 750 psi on roll or cut grooved standard wall pipe. Contact an Anvil representative for light wall pipe pressure ratings.



SlideLOK Pressure Responsive Gasket

**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.

**HOUSING:**

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

**COATINGS:**

Rust inhibiting paint Color: ORANGE (standard)  
Hot Dipped Zinc Galvanized (optional)

**GASKETS: Materials**

Properties as designated in accordance with ASTM D 2000

**Grade “EP” EPDM (Green and Red color code)**

-40°F to 250°F (Service Temperature Range)(-40°C to 121°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

**GASKET TYPE:**

SlideLOK (2" - 8")

**LUBRICATION:**

Standard  
Gruitok Xtreme™

# FIG. 7402

## SlideLOK™ Ready for Installation Coupling

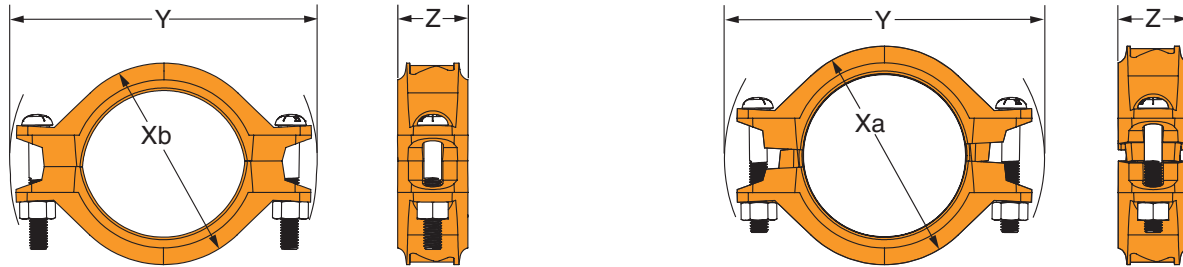


FIGURE 7402 SLIDELOK COUPLING

Nominal Size	O.D.	Max. Working Pressure	Max. End Load	Range of Pipe End Separation	Coupling Dimensions				Coupling Bolts		Specified Torque §		Approx. Wt. Ea.
					Xa	Xb	Y	Z	Qty.	Size	Min.	Max.	
<i>In./DN(mm)</i>	<i>In./mm</i>	<i>PSI/bar</i>	<i>Lbs./kN</i>	<i>In./mm</i>	<i>In./mm</i>	<i>In./mm</i>	<i>In./mm</i>	<i>In./mm</i>		<i>In./mm</i>	<i>Ft.-Lbs/N-M</i>		<i>Lbs./kg</i>
2 50	2.375 60.3	750 51.7	3,323 14.78	0-1/32 0-0.79	3 3/4 95	3 3/8 86	6 152	2 51	2	1/2 x 2 3/4 M12 x 70	80 110	100 150	2.9 1.3
2 1/2 65	2.875 73.0	750 51.7	4,869 21.66	0-1/32 0-0.79	4 5/8 117	4 1/4 108	6 3/8 163	2 51	2	1/2 x 2 3/4 M12 x 70	80 110	100 150	3.1 1.4
3 80	3.500 88.9	750 51.7	7,216 32.10	0-1/32 0-0.79	5 1/2 132	4 11/16 119	7 178	2 51	2	1/2 x 3 1/2 M12 x 89	80 110	100 150	3.6 1.6
4 100	4.500 114.3	750 51.7	11,928 53.06	0-3/32 0-2.38	6 1/2 165	6 152	8 5/16 212	2 51	2	1/2 x 3 1/2 M12 x 89	80 110	100 150	4.9 2.2
5 125	5.563 141.3	750 51.7	18,229 81.09	0-3/32 0-2.38	7 3/4 196	7 1/8 181	9 3/4 248	2 51	2	5/8 x 3 1/2 M16 x 89	100 135	130 175	6.1 2.8
6 150	6.625 168.3	700 48.3	24,130 107.34	0-3/32 0-2.38	8 7/8 224	8 1/2 208	10 1/2 274	2 51	2	5/8 x 3 1/2 M16 x 89	100 135	130 175	6.8 3.1
8 200	8.625 219.1	600 41.4	35,056 155.94	0-3/32 0-2.38	11 3/8 289	10 5/8 270	13 3/8 340	2 1/2 64	2	3/4 x 4 1/2 M20 x 115	130 175	180 245	10.9 4.9

**NOTE:**  
 Range of Pipe End Separation values are for roll grooved pipe and may be doubled for cut groove pipe.  
 Impact gun can be used for installation, verify that the output of the impact gun is within the required torque range.

For additional details see "Coupling Data Chart Notes" on page 17.  
 § - For additional Bolt Torque information, see page 204.  
 See Installation & Assembly directions on pages 164-165.  
 Not for use in copper systems.