FIG. 7400SS

Rigidlite® Coupling

The Gruvlok Figure 7400SS coupling is available in 1 ¼" – 8" sizes. The standard material is ASTM A 743 CF8M (Type 316) cast stainless steel which is ideal for corrosive environments.

Any Gruvlok gasket material may be utilized in the 7400SS coupling for a broad array of applications. Gasket properties are as designated in accordance with ASTM D 2000. The 7400SS is provided with ASTM A 193 B8M bolts and ASTM A 194 Grade 8M nuts.

NSF Certified to ANSI/NSF 61

MATERIAL SPECIFICATIONS

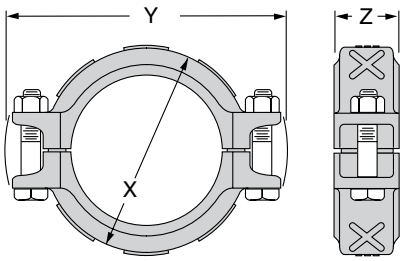
STAINLESS STEEL BOLTS & NUTS:
Hex head stainless steel bolts, Type 316 per ASTM A 193 Grade B8M class 1 and heavy hex stainless steel nuts, Type 316 per ASTM A 194 Grade 8M class 1. Nuts and bolts are zinc plated to prevent common thread galling. Contact an Anvil Representative for more information.

HOUSING:
Cast Stainless Steel (Type 316) - ASTM A 743 CF8M

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, 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.



CAUTION: Contact your local Anvil representative for corrosive application environments.

No coatings or zinc options.

* All bolts are hex head design Type 316 Grade B8M Class 1 stainless steel to ASTM A 193, with Type 316 Grade 8M stainless steel heavy hex nuts conforming to ASTM A 194. Use of suitable anti-galling thread compound is recommended.

† Ratings apply when used with Schedule 40 ASTM A 312 Type 304 stainless steel pipe for all sizes. Refer to ratings chart for additional data.

☐ **Grade "O" Fluoro-Elastomer** (Blue color code)
20°F to 300°F (Service Temperature Range)(-29°C to 149°C)
Recommended for high temperature resistance to oxidizing acids, petroleum oils, hydraulic fluids, halogenated hydrocarbons and lubricants.

☐ **Grade "L" Silicone** (Red color code)
-40°F to 350°F (Service Temperature Range)(-40°C to 177°C)
Recommended for dry, hot air and some high temperature chemical services.

GASKET TYPE:
☐ Standard C Style
☐ Flush Gap (1 ¼" – 8")

LUBRICATION:
☐ Standard Gruvlok
☐ Gruvlok Xtreme™ (Do Not use with Grade "L")

FIGURE 7400SS - RIGIDLITE STAINLESS STEEL COUPLING

Nominal Size	O.D.	Max. Wk. Pressure†	Max. End Load†	Range of Pipe End Separation	Coupling Dimensions			Coupling Bolts*		Specified Torque		Approx. Wt. Ea.
					X	Y	Z	Qty.	Size	Min.	Max.	
In./mm	*In./mm*	*PSI/bar*	*Lbs./kN*	*In./mm*	*In./mm*	*In./mm*	*In./mm*		*In./mm*	*Ft.-Lbs./N-m*		*Lbs./Kg*
1¼ *32*	1.660 *42.4*	300 *20.7*	649 *2.89*	0-1/32 *0-0.79*	2⅞ *73*	4⅛ *105*	1¾ *44*	2	⅜ x 2¼ *M10 x 57*	15 *21*	20 *27*	1.6 *0.7*
1½ *40*	1.900 *48.3*	300 *20.7*	851 *3.78*	0-1/32 *0-0.79*	3⅛ *79*	4⅝ *117*	1¾ *44*	2	⅜ x 2¼ *M10 x 57*	15 *21*	20 *27*	1.7 *0.8*
2 *50*	2.375 *60.3*	300 *20.7*	1,329 *5.91*	0-1/32 *0-0.79*	3⅝ *92*	5⅜ *137*	1¾ *45*	2	⅜ x 2¼ *M10 x 57*	15 *21*	20 *27*	2.1 *1.0*
2½ *65*	2.875 *73.0*	300 *20.7*	1,948 *8.66*	0-1/32 *0-0.79*	4⅛ *105*	5⅞ *149*	1¾ *44*	2	⅜ x 2¼ *M10 x 57*	15 *21*	20 *27*	2.3 *1.0*
3 *80*	3.500 *88.9*	300 *20.7*	2,886 *12.84*	0-1/32 *0-0.79*	4⅝ *117*	6⅝ *168*	1¾ *44*	2	½ x 2¾ *M12 x 70*	50 *68*	60 *80*	3.1 *1.4*
4 *100*	4.500 *114.3*	300 *20.7*	4,771 *21.22*	0-3/32 *0-2.38*	6 *152*	7¾ *197*	1⅞ *48*	2	½ x 2¾ *M12 x 70*	50 *68*	60 *80*	4.4 *2.0*
6 *150*	6.625 *168.3*	275 *19.0*	9,480 *42.17*	0-3/32 *0-2.38*	8⅛ *206*	11⅛ *283*	2 *51*	2	¾ x 3 *M20 x 76*	80 *110*	100 *150*	7.8 *3.5*
8 *200*	8.625 *219.1*	275 *19.0*	16,067 *71.47*	0-3/32 *0-2.38*	10⅜ *264*	13⅝ *346*	2⅜ *60*	2	¾ x 3 *M20 x 76*	80 *110*	100 *150*	13.2 *6.0*

Range of Pipe End Separation values are for roll grooved pipe and may be doubled for cut groove pipe.

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