

CTS COPPER SYSTEM

Fig. 64 Pages 168-169

CTS SlideLOK® Ready for Installation Coupling
Size Range: 2" - 8"

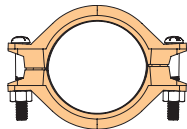


Fig. 6400 Page 170

Rigid Coupling
Size Range: 2" - 8"

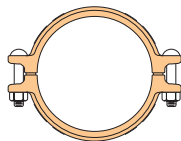


Fig. 616 Page 171-172

Reducing Coupling for Joining Copper Tubing Systems
Size Range: 2 1/2" x 2" - 6" x 4"

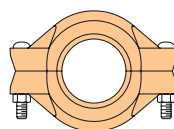


Fig. 617 Page 173

Transition Coupling for Joining IPS to Copper Tubing Systems
Size Range: 2" - 4"

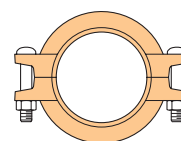


Fig. 6050 Page 174

90° Elbow
Size Range: 2" - 8"



Fig. 6051 Page 174

45° Elbow
Size Range: 2" - 8"



Fig. 6060 Page 174

Tee
Size Range: 2" - 8"

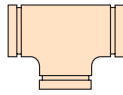


Fig. 6061 Page 175

Reducing Tee (Gr x Gr x Gr)
Size Range: 2 1/2" x 2 1/2" x 2" - 6" x 6" x 5"

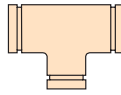


Fig. 6064 Page 175

Reducing Tee (Gr x Gr x Cup)
Size Range: 2" x 2" x 3/4" - 4" x 4" x 1 1/2"

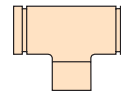


Fig. 6074 Page 174

End Cap
Size Range: 2" - 6"



Fig. 6072 Page 176

Concentric Reducer (Gr x Gr)
Size Range: 2 1/2" x 2" - 8" x 6"



Fig. 6075 Page 176

Reducing Adapter (Gr x Cup)
Size Range: 2" x 1" - 4" x 2"

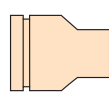


Fig. 6084 Page 176

Flange Adapter
Size Range: 2" - 6"



Fig. 610 Page 178

90° CTS Elbow
Size Range: 2" - 8"

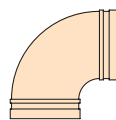


Fig. 601 Page 178

45° CTS Elbow
Size Range: 2" - 8"

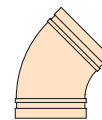


Fig. 660 Page 178

CTS Cap
Size Range: 2" - 8"

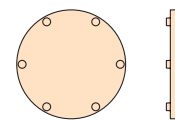


Fig. 619 Page 178

CTS Tee
Size Range: 2" - 8"

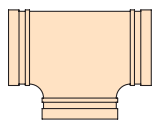


Fig. 621 Page 179

CTS Reducing Tee (Gr x Gr x Gr)
Size Range: 2" - 8"

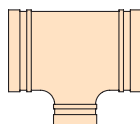


Fig. 618 Page 179

CTS Reducing Tee (Gr x Gr x Cup)
Size Range: 2" - 8"

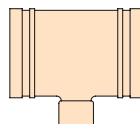


Fig. 650 Page 180

CTS Concentric Reducer (Gr x Gr)
Size Range: 2" - 8"

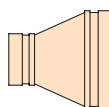
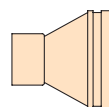


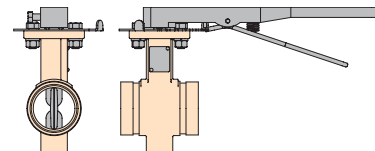
Fig. 652 Page 180

CTS Concentric Reducer (Gr x Cup)
Size Range: 2" - 8"



Series 6700 Pages 181-182

CTS Copper Butterfly Valve
Size Range: 2 1/2" - 6"



DI-ELECTRIC NIPPLES

Fig. 7088 Page 183

Di-Electric Pipe Connection
Thread x Groove
Size Range: 1" - 4"



Fig. 7089 Page 183

Di-Electric Pipe Connection
Groove x Groove
Size Range: 2" - 4"



Fig. 7090 Page 183

Di-Electric Pipe Connection
Thread x Thread
Size Range: 1/2" - 3"



Fig. 7091 Page 184

Gruvlok DI-LOK® Nipple
Di-Electric Pipe Connection
CTS Groove x IPS Groove
Size Range: 2" - 8"



HDPE COUPLINGS

Fig. 7305 Pages 190-191

HDPE Coupling
Size Range: 2" - 18"

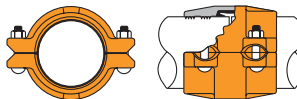


Fig. 7307 Pages 192-193

HDPE Transition Coupling
Size Range: 2" - 12"

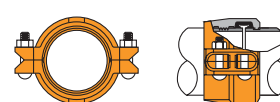


Fig. 7312 Pages 194-195

HDPE Flange Adapter
Size Range: 4" - 8"

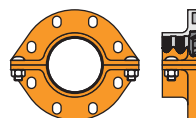


FIG. 64

CTS SlideLOK® Ready for Installation Coupling

The CTS SlideLOK coupling is a ready for installation coupling designed to reduce installation time. The slide action allows for a smooth trouble free installation. The patented gasket provides four separate sealing surfaces for added protection. The engineered predictive gap is a quick and easy indication of proper assembly.

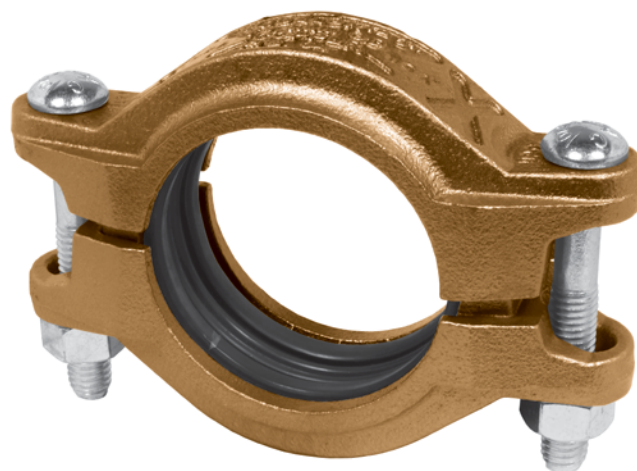
The CTS SlideLOK is designed to be used with copper tube sizes 2" - 8" and produces a secure, rigid joint connection.

The CTS SlideLOK coupling allows for a maximum working pressure of 300 psi for Type K or L. Contact an Anvil Representative for other copper tube pressure ratings.



Patent D680629, D680630, D696751

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



SlideLOK Pressure Responsive Gasket

MATERIAL SPECIFICATIONS

BOLTS:

SAE J429, Grade 5, Zinc Electroplated

HEAVY HEX NUTS:

ASTM A563, Grade A, Zinc Electroplated

HOUSING:

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

COATINGS:

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

GASKETS:

Properties as designated in accordance with ASTM D 2000

Grade "EP" EPDM (Copper 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.

GASKET TYPE:

SlideLOK (2" - 8")

LUBRICATION:

Standard
Gruvlok Xtreme™

FIG. 64

CTS SlideLOK® Ready for Installation Coupling

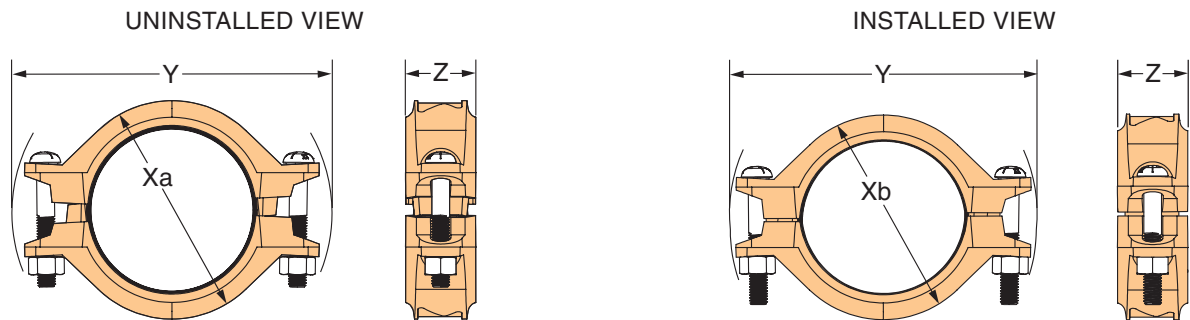


FIGURE 64 CTS SLIDELOK COUPLING

Nominal Size	O.D.	Max. Working Pressure	Max. End Load	Range of Pipe End Separation	Coupling Dimensions				Coupling Bolts		Approx. Wt. Ea.
					Xa	Xb	Y	Z	Qty.	Size	
In./DN(mm)	In./mm	PSI/bar	Lbs./kN	In./mm	In./mm	In./mm	In./mm	In./mm		In./mm	Lbs./kg
2	2.125	300	1,064	0-0.08	3½	3¼	5½	1⅝	2	½ x 2¾	2.4
50	54.0	20.7	4.73	0-2.0	89	83	140	49		M12 X 70	1.1
2½	2.625	300	1,624	0-0.08	4	3¾	6	1⅝	2	½ x 2¾	2.6
65	66.7	20.7	7.22	0-2.0	102	95	152	49		M12 X 70	1.2
3	3.125	300	2,301	0-0.08	4⅝	4¼	6¾	1⅝	2	½ x 3½	3.5
80	79.4	20.7	10.24	0-2.0	117	108	171	49		M12 X 89	1.6
4	4.125	300	4,009	0-0.13	5½	5⅝	8	2	2	½ x 3½	4.0
100	104.8	20.7	17.83	0-3.3	140	130	203	51		M12 X 89	1.8
5	5.125	300	6,189	0-0.13	6⅝	6¼	9¼	2	2	¾ x 3½	5.0
125	130.2	20.7	27.53	0-3.3	168	159	235	51		M16 X 89	2.3
6	6.125	300	8,839	0-0.13	7¾	7¼	10¼	2	2	¾ x 3½	5.8
150	155.6	20.7	39.32	0-3.3	197	184	260	51		M16 X 89	2.6
8	8.125	300	15,555	0.07-0.13	9¾	9¼	12¼	2	2	¾ x 4¼	8.0
200	206.4	20.7	69.19	0-3.3	248	235	311	51		M16 X 110	3.6

For additional details see "Coupling Data Chart Notes" on page 19.
See Installation & Assembly directions on pages 241-242.