CTS S SlideLOK® Ready for Installation Coupling

Fig. 64

NSF/ANSI 61 LOW LEAD

*Patented

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 ASC Engineered Solutions™ Representative for other copper tube pressure ratings.

*Patent: D680629, D680630, D696751

For Listings/Approval Details and Limitations, visit our website at www.asc-es.com or contact an ASC Engineered Solutions Sales Representative

Material Specifications

Bolts
SAE J429, Grade 5, Zinc Electroplated

Heavy Hex Nuts
ASTM A563, Grade A, Zinc Electroplated

Housing
Ductile Iron conforming to ASTM A536, Grade 65-45-12

Coatings
☐ Rust inhibiting paint
Color: Copper (standard)
☐ Hot Dipped Zinc Galvanized (optional)

Gaskets
Properties as designated in accordance with ASTM D2000

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")

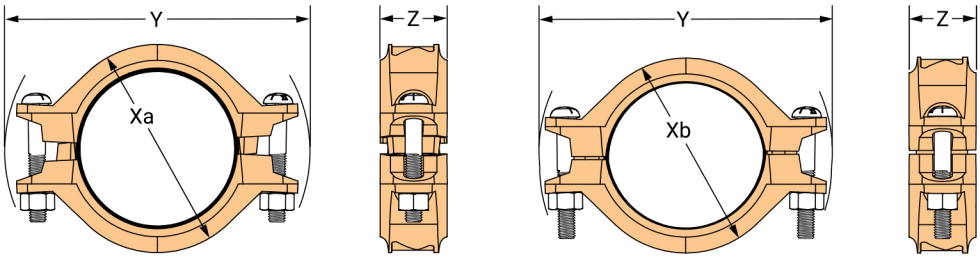
Lubrication
☐ Standard
☐ Gruvlok Xtreme

SlideLOK Pressure Responsive Gasket

GRUVLOK
An ASC Engineered Solution

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

CTS S SlideLOK® Ready for Installation Coupling
Fig. 64



Uninstalled View

Installed View

Nominal Size	O.D.	Max. Working Pressure	Max. End Load	Range of Pipe End Separation	Coupling Dimensions Xa	Xb	Y	Z	Coupling Bolts Qty.	Size	Approx. Wt. Ea.
In./DN(mm)	In./mm	PSI/bar	Lbs./kN	In./mm	In./mm	In./mm	In./mm	In./mm		In./mm	Lbs./kg
2 50	2.125 54.0	300 20.7	1,064 4.73	0-0.08 0-2.0	3½ 89	3¼ 83	5½ 140	1 15/16 49	2	½ x 2¾ M12 x 70	2.4 1.1
2½ 65	2.625 66.7	300 20.7	1,624 7.22	0-0.08 0-2.0	4 102	3¾ 95	6 152	1 15/16 49	2	½ x 2¾ M12 x 70	2.6 1.2
3 80	3.125 79.4	300 20.7	2,301 10.24	0-0.08 0-2.0	4⅝ 117	4¼ 108	6¾ 171	1 15/16 49	2	½ x 3½ M12 x 89	3.5 1.6
4 100	4.125 104.8	300 20.7	4,009 17.83	0-0.13 0-3.3	5½ 140	5⅛ 130	8 203	2 51	2	½ x 3½ M12 x 89	4.0 1.8
5 125	5.125 130.2	300 20.7	6,189 27.53	0-0.13 0-3.3	6⅝ 168	6¼ 159	9¼ 235	2 51	2	⅝ x 3½ M16 x 89	5.0 2.3
6 150	6.125 155.6	300 20.7	8,839 39.32	0-0.13 0-3.3	7¾ 197	7¼ 184	10¼ 260	2 51	2	⅝ x 3½ M16 x 89	5.8 2.6
8 200	8.125 206.4	300 20.7	15,555 69.19	0.07-0.13 0-3.3	9¾ 248	9¼ 235	12¼ 311	2 51	2	⅝ x 4¼ M16 x 110	8.0 3.6

Notes:

For additional details see "Coupling Data Chart Notes" in the Introduction Section of the Gruvlok Catalog.

See Installation & Assembly directions on next page.