

# nVent LENTON Connect S2 Series Shear Bolt Coupler, Plain



## CERTIFICATIONS



## FEATURES

Requires no special bar end preparation such as sawing

Installs quickly and easily using simple, off-the-shelf hand tools

Bolt heads shear off when bolt torque is achieved, providing for simple visual inspection

Designed to work as a one-step transition/reducer

Rebar centering pin can be removed to allow the coupler to fully pass onto the reinforcing bar for applications such as closure pours

Complies to ACI 318 Type 1 and Type 2 performance on ASTM A706 grade 60 reinforcing bar

Complies to ACI 318 Type 1 performance on ASTM A615 grade 60 reinforcing bar

Complies to ACI 318-19 Type 2 performance on ASTM A615 grade 60 reinforcing bar

## SPECIFICATIONS

**Finish:** Plain

**Material:** Steel

**100% U.S. Domestic Content:** Yes

Table 1/2

Catalog Number	Rebar Size, US	Rebar Size, Canada	Diameter (Ø)	Length 1 (L1)	Length 2 (L2)	Socket Width (SW)
LC16S2D	#4, #5	10M, 15M	1.63"	3 1/2"	1.7"	1/2"
LC20S2D	#6	20M	1.9"	5.1"	2 1/2"	1/2"
LC22S2D	#7		2"	6.9"	3.4"	1/2"
LC25S2D	#8	25M	2.38"	8.7"	4.3"	5/8"
LC28S2D	#9	30M	2.8"	8.7"	4.3"	3/4"
LC32S2D	#10		3"	11.2"	5.4"	3/4"
LC36S2D	#11	35M	3.13"	13.7"	6.7"	3/4"
LC43S2D	#14	45M	3.82"	21"	10.3"	3/4"

Table 2/2

Catalog Number	Number of Bolts	Number of Round Bolts	Torque (TQ)	Unit Weight
LC16S2D	4		85 ft·lbf	1.5 lb
LC20S2D	6		85 ft·lbf	2.7 lb
LC22S2D	8		85 ft·lbf	3.9 lb
LC25S2D	8		193 ft·lbf	7.6 lb
LC28S2D	6		597 ft·lbf	10.8 lb
LC32S2D	8		597 ft·lbf	15.2 lb
LC36S2D	10		597 ft·lbf	19.6 lb
LC43S2D	14	4	515 ft·lbf	34.95

ADDITIONAL PRODUCT DETAILS

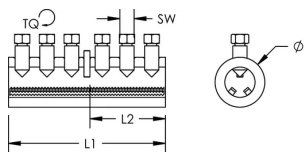
Bolt length may vary after the bolt heads are sheared off. Bolt heads are not required to be removed as long as the appropriate bolt torque is achieved.

Refer to complete installation instructions provided with the product or available at [nVent.com/LENTON](http://nVent.com/LENTON) prior to commencing installation.

See instructions for installation equipment recommendations.

Round Bolts are located on the outer ends of the coupler, and will shear off at a lower torque than the rest.

DIAGRAMS



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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