

# NVENT LENTON CONNECT B12 SERIES SHEAR BOLT COUPLER, EPOXY



## 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 and A615 grade 60 reinforcing bar

## SPECIFICATIONS

<b>Finish Standard</b>	ASTM® A775/A775M and AASHTO M284
<b>Finish</b>	Epoxy Coated
<b>Material</b>	Steel
<b>100% U.S. Domestic Content</b>	Yes

Catalog Number	Rebar Size, US	Rebar Size, Canada	Diameter(Ø)	Length 1(L1)	Length 2(L2)	Socket Width(SW)	Number of Bolts	Torque(TQ)	Unit Weight
LC16B12ESD	#4, #5	10M, 15M	1.630"	5.100"	2 1/2"	1/2"	6	85 ft lb	2.200 lb
LC20B12ESD	#6	20M	1.900"	6.800"	3.300"	1/2"	8	85 ft lb	3.700 lb
LC22B12ESD	#7		2"	8.700"	4.300"	1/2"	10	85 ft lb	5 lb
LC25B12ESD	#8	25M	2.380"	10.700"	5.300"	5/8"	10	193 ft lb	9.500 lb
LC28B12ESD	#9	30M	2.800"	11.200"	5 1/2"	3/4"	8	440 ft lb	14.100 lb
LC32B12ESD	#10		3"	13.700"	6.700"	3/4"	10	440 ft lb	18.700 lb
LC36B12ESD	#11	35M	3.130"	16.200"	7.900"	3/4"	12	440 ft lb	23.400 lb

## Designed to Meet

AASHTO;ACI 318 Type 1 (125% Specified Yield);CAN/CSA - N287.2/.3/.4;ACI 318 Type 2 (Specified Tensile);IBC Type 1 (125% Specified Yield);IBC Type 2 (Specified Tensile);US Army Corps of Engineers;CAN/CSA - A23.3

## ADDITIONAL PRODUCT DETAILS

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Coated reinforcing bar is used in place of plain reinforcing bars to protect against corrosion. Typical applications include bridges, parking structures, pavement, marine structures and repair work. nVent LENTON couplers and mechanical anchors are available in multiple coatings to meet specific job requirements.

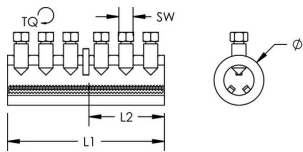
Bolt length may vary after the bolt heads are sheared off. Bolt heads are not required to be removed as long as the appropriate bolt torque is achieved.

See instructions for installation equipment recommendations.

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

## DIAGRAMS

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## WARNING

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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.

**North America**

+1.800.753.9221

Option 1 – Customer Care

Option 2 – Technical Support

**Europe**

Netherlands:

+31 800-0200135

France:

+33 800 901 793

**Europe**

Germany:

800 1890272

Other Countries:

+31 13 5835404

**APAC**

Shanghai:

+ 86 21 2412 1618/19

Sydney:

+61 2 9751 8500



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