

nVent LENTON Connect B22 Series Shear Bolt Coupler

The nVent LENTON Connect B22 Series Shear Bolt Coupler is an in situ reinforcing steel bar splicing system that requires no bar end preparation. It is ideal for new construction, repair or retrofit applications. The coupler features two integral serrated rails that provide for the development of full reinforcing bar (rebar) strength and improved overall structural integrity in tension, compression, stress-reversal and dynamic applications. Connect is designed for use in column splicing, bridge applications, piling, splicing to protruding dowels cast in concrete, closure pours, beams and other demanding splicing applications.

nVent LENTON Connect Couplers allow for easy and simple field installation by eliminating the need for bar end preparation, sawing or swaging. The couplers can be installed with just a standard wrench or an impact wrench depending on coupler size. The bolt heads will shear off when proper bolt torque has been reached, which allows for complete visual inspection.



Finish: Plain
Material: Steel
100% U.S. Domestic Content: Yes

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
- Complies to ACI 318-19 Type 1 and Type 2 performance on ASTM A706 and A615 grade 80 reinforcing bar

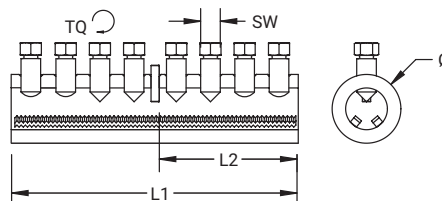
Part Number	Rebar Size, US	Diameter Ø	Length 1 L1	Length 2 L2	Socket Width SW	Number of Bolts	Number of Round Bolts	Torque TQ	Unit Weight
LC16B22D	#4 - #5	1.63"	7.5"	3.65"	1/2	8	4	85'·lbf	2.9 lb
LC20B22D	#6	1.9"	10.7"	5.25"	1/2	12	4	85'·lbf	5.2 lb
LC22B22D	#7	2"	14.6"	7.2"	1/2	16	4	85'·lbf	7.5 lb
LC25B22D	#8	2.38"	15.7"	7.75"	5/8	14	4	193'·lbf	11.4 lb
LC28B22D	#9	2.8"	17.2"	8.5"	3/4	12	4	440'·lbf	17.2 lb
LC32B22D	#10	3"	19.7"	9.7"	3/4	14	4	440'·lbf	22.3 lb
LC36B22D	#11	3.13"	22.2"	10.95"	3/4	16	4	440'·lbf	26.9 lb

Designed to Meet: AASHTO; ACI 318 Type 1 (125% Specified Yield); ACI 318 Type 2 (Specified Tensile); IBC Type 2 (Specified Tensile); US Army Corps of Engineers
Bolt length may vary after the bolt heads are sheared off. The bolt's 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 nVent.com/LENTON before commencing installation.

For splicing with rebar sizes and/or rebar grades not listed, please contact your nVent LENTON Representative for more information.



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