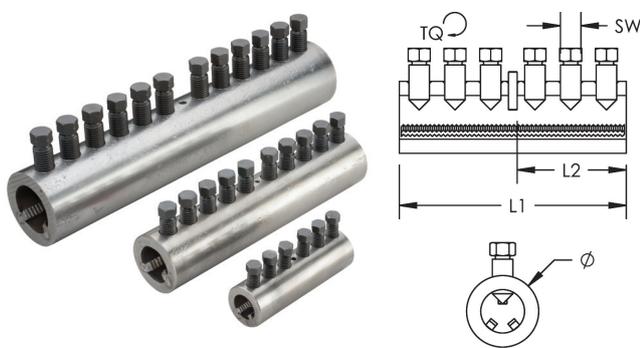


# nVent LENTON Connect B12 Series Shear Bolt Coupler, Plain

nVent LENTON Connect 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.



## 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

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



Catalog Number	Rebar Size, Metric	Rebar Size, US	Rebar Size, Canada	Diameter Ø	Length 1 L1	Length 2 L2	Socket Width SW	Number of Bolts	Torque TQ	Unit Weight
LC16B12D	12 mm	#4, #5	10 M, 15 M	41 mm	131 mm	63 mm	13 mm	6	115 N·m	1.01 kg
LC20B12D	20 mm	#6	20 M	48 mm	172 mm	84 mm	13 mm	8	115 N·m	1.67 kg
LC22B12D	22 mm	#7		51 mm	220 mm	108 mm	13 mm	10	115 N·m	2.26 kg
LC25B12D	25 mm	#8	25 M	61 mm	272 mm	134 mm	16 mm	10	261 N·m	4.29 kg
LC28B12D	28 mm	#9	30 M	71 mm	284 mm	140 mm	19 mm	8	597 N·m	6.4 kg
LC32B12D	32 mm	#10		76 mm	348 mm	170 mm	19 mm	10	597 N·m	8.47 kg
LC36B12D	36 mm	#11	35 M	80 mm	411 mm	202 mm	19 mm	12	597 N·m	10.64 kg

### Designed to Meet

AASHTO; ACI 318 Type 1 (125% Specified Yield); ACI 318 Type 2 (Specified Tensile); BS EN 1992-1-1; BS EN 1992-2; CAN/CSA - N287.2/.3/.4; DIN EN 1992-1-1; Eurocode 2; IBC Type 1 (125% Specified Yield); IBC Type 2 (Specified Tensile); ISO 15835; NEN EN 1992-1-1; NF A 35-020-1; NF EN 1992-1-1; ÖNORM EN 1992-1-1; US Army Corps of Engineers; CAN/CSA - A23.3

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 [nVent.com/LENTON](http://nVent.com/LENTON) prior to 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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