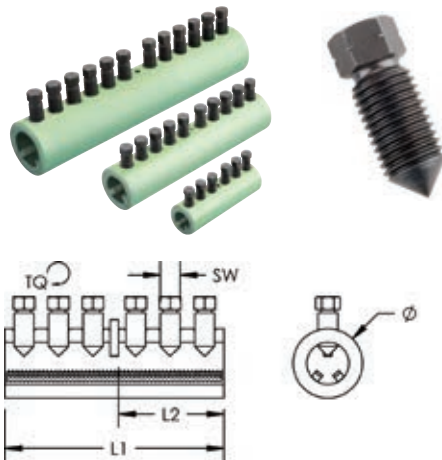


nVent LENTON Connect B12 Series Shear Bolt Coupler, Epoxy



CONNECT AND PROTECT

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.



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

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

Part Number	Rebar Size, Metric mm	Rebar Size, US	Rebar Size, Canada M	Ø		L1		L2		SW		Number of Bolts	TQ		Unit Weight	
				inch	mm	inch	mm	inch	mm	inch	mm		ft lb	N-m	lb	kg
LC16B12ESD	12, 16	#4, #5	10, 15	1.63	41	5.1	131	2.5	63	1/2	13	6	85	115	2.2	1.01
LC20B12ESD	20	#6	20	1.90	48	6.8	172	3.3	84	1/2	13	8	85	115	3.7	1.67
LC22B12ESD	22	#7	-	2.00	51	8.7	220	4.3	108	1/2	13	10	85	115	5.0	2.26
LC25B12ESD	25	#8	25	2.38	61	10.7	272	5.3	134	5/8	16	10	193	261	9.5	4.29
LC28B12ESD	28	#9	30	2.80	71	11.2	284	5.5	140	3/4	19	8	440	597	14.1	6.40
LC32B12ESD	32	#10	-	3.00	76	13.7	348	6.7	170	3/4	19	10	440	597	18.7	8.47
LC36B12ESD	36	#11	35	3.13	80	16.2	411	7.9	202	3/4	19	12	440	597	23.4	10.64

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

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 prior to commencing installation.



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