

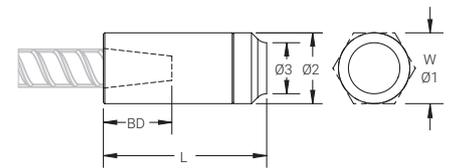
NVENT LENTON C14 TWO-PIECE WELDABLE COUPLER



FEATURES:

- Machined from weldable grades of steel
- J-groove chamfer reduces required weld area
- Easy to weld
- Connects reinforcing bar to structural steel sections or plates
- Unique self-aligning taper thread provides continuity and structural integrity
- Spliced rebar maintains full strength in tension, compression and stress-reversal applications
- Designed to withstand man-made blasts and other seismic events

nVent LENTON C14 Two-Piece Weldable Couplers provide a quick and easy solution for connecting reinforcing steel bar (rebar) perpendicular to structural steel sections or plates. The coupler is internally taper threaded on one end with the other end or exterior surface prepared for welding. The C14 Two-Piece weldable coupler materials have been optimized to facilitate simple welding processes. Typically, the coupler and mating steel sections will not require pre- or post-heating to aid in the welding process.



Part Number	Rebar Size			Hex Width W	Diameter			Length L	Bar Depth BD	Unit Weight
	Metric	US	Canada		Ø1	Ø2	Ø3			
EL10C14N	10 mm	#3	–	27 mm	–	25 mm	18 mm	68 mm	18 mm	0.27 kg
EL12C14N	12 mm	#4	10M	30 mm	–	30 mm	24 mm	70 mm	19 mm	0.36 kg
EL14C14N	14 mm	–	–	30 mm	–	30 mm	22 mm	77 mm	21 mm	0.39 kg
EL16C14N	16 mm	#5	15M	–	35 mm	40 mm	30 mm	81 mm	24 mm	0.54 kg
EL18C14N	18 mm	–	–	–	40 mm	40 mm	29 mm	87 mm	29 mm	0.72 kg
EL20C14N	20 mm	#6	20M	–	45 mm	50 mm	35 mm	104 mm	35 mm	1.11 kg
EL22C14N	22 mm	#7	–	–	45 mm	45 mm	32 mm	109 mm	37 mm	1.13 kg
EL25C14N	25 mm	#8	25M	–	50 mm	50 mm	37 mm	116 mm	40 mm	1.49 kg
EL28C14N	28 mm	#9	30M	–	55 mm	55 mm	41 mm	122 mm	42 mm	1.90 kg
EL30C14N	30 mm	–	–	–	60 mm	60 mm	48 mm	133 mm	52 mm	2.45 kg
EL32C14N	32 mm	#10	–	–	60 mm	60 mm	45 mm	131 mm	45 mm	2.40 kg
EL34C14N	34 mm	–	–	–	70 mm	65 mm	45 mm	142 mm	55 mm	3.50 kg
EL36C14N	36 mm	#11	35M	–	70 mm	70 mm	41 mm	144 mm	52 mm	3.50 kg
EL38C14N	38 mm	–	–	–	75 mm	65 mm	57 mm	148 mm	53 mm	4.32 kg
EL40C14N	40 mm	–	–	–	75 mm	75 mm	54 mm	156 mm	57 mm	4.45 kg
EL43TC14N	43 mm	#14	45M	–	85 mm	80 mm	57 mm	180 mm	66 mm	6.50 kg
EL50TC14N	50 mm	–	–	–	95 mm	90 mm	67 mm	193 mm	70 mm	8.30 kg
EL57TC14N	57 mm	#18	55M	–	110 mm	100 mm	67 mm	221 mm	83 mm	12.30 kg

Bar dimensions and weights listed may vary by region. Coupler sizes not shown may be available by special order. Contact your nVent LENTON representative for more information.

The design of the weld, the selection of electrode, and other relevant choices depend on the chemical and physical properties of the structural steel to which the couplers are welded. Engineers who design assemblies should adhere to all appropriate regulations.

Designed to Meet

AASHTO, ABNT NBR 8548:1984, ACI 318 Type 1 (125% Specified Yield), ACI 318 Type 2 (Specified Ultimate), ACI 349, ACI 359, AS3600, 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 Ultimate), ISO 15835, NEN EN 1992-1-1, NF A 35-020-1, NF EN 1992-1-1, ÖNORM EN 1992-1-1, Sellafeld Ltd. Std. ES.0_3110, US Army Corps of Engineers

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 nVent.com/LENTON 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/or death, and void your warranty.

©2018 nVent. All nVent marks and logos are owned or licensed by nVent Services GmbH or its affiliates. All other trademarks are the property of their respective owners. nVent reserves the right to change specifications without notice.