

A12 Standard Coupler, Stainless Steel



Stainless steel couplers are specified whenever corrosive environmental conditions combine with the need for high load-bearing strength. nVent LENTON stainless steel couplers are commonly used when the construction materials may come into contact with de-icing salts, salt water or marine environments. Typical applications include bridges and bridge decks.

FEATURES

Designed to splice the same diameter bars where the second bar can be rotated and is not restricted in its axial direction

Slim design maintains concrete cover

Installs quickly and easily

Duplex 2205 stainless steel provides a unique combination of strength and corrosion resistance

SPECIFICATIONS

Finish: Plain

Material: Stainless Steel Duplex 2205 (EN 1.4462)

Table 1/2

Catalog Number	Rebar Size, Metric	Rebar Size, US	Rebar Size, Canada	Diameter (Ø)	Length (L)	Bar Depth (BD)
EL12A12SSN	12 mm	#4	10M	25 mm	50mm	19mm
EL10A12SSN	10 mm	#3		25 mm	49mm	18mm
EL14A12SSN	14 mm			25 mm	56mm	21mm
EL16A12SSN	16 mm	#5	15M	25 mm	61mm	24mm
EL18A12SSN	18 mm			25 mm	72mm	29mm

CatalogNumber	Rebar Size, Metric	Rebar Size, US	Rebar Size, Canada	Diameter (Ø)	Length (L)	Bar Depth (BD)
EL20A12SSN	20 mm	#6	20M	30 mm	86mm	35mm
EL25A12SSN	25 mm	#8	25M	35 mm	97mm	40mm
EL22A12SSN	22 mm	#7		35 mm	91mm	37mm
EL28A12SSN	28 mm	#9	30M	40 mm	101mm	42mm
EL32A12SSN	32 mm	#10		45 mm	108mm	45mm
EL40A12SSN	40 mm			55 mm	131mm	57mm

Table 2/2

Catalog Number	Bar Gap (BG)	Unit Weight
EL12A12SSN	12mm	0.16 kg
EL10A12SSN	13mm	0.17 kg
EL14A12SSN	14mm	0.17 kg
EL16A12SSN	13mm	0.17 kg
EL18A12SSN	14mm	0.17 kg
EL20A12SSN	16mm	0.33 kg
EL25A12SSN	17mm	0.43 kg
EL22A12SSN	17mm	0.5 kg
EL28A12SSN	17mm	0.62 kg
EL32A12SSN	18mm	0.81 kg
EL40A12SSN	17mm	1.43 kg

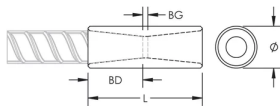
Designed to Meet:

AASHTO;ABNT NBR 8548:1984;ACI 318 Type 1 (125% Specified Yield);ACI 318 Type 2 (Specified Tensile);ACI 349;ACI 359;AS3600

ADDITIONAL PRODUCT DETAILS

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.

DIAGRAMS



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 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.

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