

# 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

**Finish:** Plain  
**Material:** Stainless Steel Duplex 2205 (EN 1.4462)

## SPECIFICATIONS

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           |
| EL14A12SSN     | 14 mm              |                |                    | 25 mm        | 56mm       | 21mm           |
| EL10A12SSN     | 10 mm              | #3             |                    | 25 mm        | 49mm       | 18mm           |
| EL16A12SSN     | 16 mm              | #5             | 15M                | 25 mm        | 61mm       | 24mm           |
| EL18A12SSN     | 18 mm              |                |                    | 25 mm        | 72mm       | 29mm           |
| 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

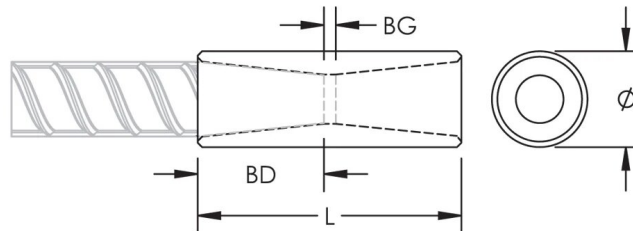
| Catalog Number | Bar Gap (BG) | Unit Weight | Package Quantity |
|----------------|--------------|-------------|------------------|
| EL12A12SSN     | 12mm         | 0.16 kg     | 100              |
| EL14A12SSN     | 14mm         | 0.17 kg     | 100              |
| EL10A12SSN     | 13mm         | 0.17 kg     | 100              |
| EL16A12SSN     | 13mm         | 0.17 kg     | 100              |
| EL18A12SSN     | 14mm         | 0.17 kg     | 100              |
| EL20A12SSN     | 16mm         | 0.33 kg     | 50               |
| EL25A12SSN     | 17mm         | 0.43 kg     | 30               |
| EL22A12SSN     | 17mm         | 0.5 kg      | 30               |
| EL28A12SSN     | 17mm         | 0.62 kg     | 30               |
| EL32A12SSN     | 18mm         | 0.81 kg     | 15               |
| EL40A12SSN     | 17mm         | 1.43 kg     | 12               |

**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](http://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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