

# A12 Standard Coupler, Plain, Worldwide Design



## **CERTIFICATIONS**





## **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

## **SPECIFICATIONS**

Finish: Plain Material: Steel

**Design Version:** Worldwide (Globally Available Materials)

100% U.S. Domestic Content: Yes

| Table 1/2         |                |                       |               |              |            |                |
|-------------------|----------------|-----------------------|---------------|--------------|------------|----------------|
| Catalog<br>Number | Rebar Size, US | Rebar Size,<br>Canada | Hex Width (W) | Diameter (Ø) | Length (L) | Bar Depth (BD) |
| EL12A12           | #4             | 10M                   | 0.69"         |              | 1.96"      | 0.73"          |
| EL10A12           | #3             |                       | 0.69"         |              | 1.93"      | 0.71"          |

| CatalogNumber | Rebar Size, US | Rebar Size,<br>Canada | Hex Width (W) | Diameter (Ø) | Length (L) | Bar Depth (BD) |
|---------------|----------------|-----------------------|---------------|--------------|------------|----------------|
| EL14A12       |                |                       | 0.88"         |              | 2.19"      | 0.84"          |
| EL16A12       | #5             | 15M                   | 0.88"         |              | 2.41"      | 0.96"          |
| EL18A12       |                |                       | 1.06"         |              | 2.81"      | 1.16"          |
| EL20A12       | #6             | 20M                   | 1.06"         |              | 3.41"      | 1.37"          |
| EL22A12       | #7             |                       | 1.19"         |              | 3.6"       | 1.46"          |
| EL25A12       | #8             | 25M                   |               | 1.38"        | 3.8"       | 1.57"          |
| EL28A12       | #9             | 30M                   |               | 1.5"         | 3.97"      | 1.65"          |
| EL32A12       | #10            |                       |               | 1.75"        | 4.23"      | 1.78"          |
| EL40A12       |                |                       |               | 2.13"        | 5.17"      | 2.25"          |
| EL36A12       | #11            | 35M                   |               | 1.88"        | 4.76"      | 2.04"          |
| EL57TA12      | #18            | 55M                   |               | 3"           | 7.57"      | 3.28"          |
| EL43TA12      | #14            | 45M                   |               | 2.25"        | 6.22"      | 2.6"           |
| EL50TA12      |                |                       |               | 2.75"        | 6.54"      | 2.76"          |

| Table 2/2      |              |             |  |  |
|----------------|--------------|-------------|--|--|
| Catalog Number | Bar Gap (BG) | Unit Weight |  |  |
| EL12A12        | 0.5"         | 0.1 lb      |  |  |
| EL10A12        | 0.51"        | 0.2 lb      |  |  |
| EL14A12        | 0.51"        | 0.3 lb      |  |  |
| EL16A12        | 0.49"        | 0.3 lb      |  |  |

| Catalog Number | Bar Gap (BG) | Unit Weight |
|----------------|--------------|-------------|
| EL18A12        | 0.49"        | 0.5 lb      |
| EL20A12        | 0.67"        | 0.6 lb      |
| EL22A12        | 0.68"        | 0.8 lb      |
| EL25A12        | 0.66"        | 1 lb        |
| EL28A12        | 0.67"        | 1.1 lb      |
| EL32A12        | 0.67"        | 1.7 lb      |
| EL40A12        | 0.67"        | 2.9 lb      |
| EL36A12        | 0.68"        | 2 lb        |
| EL57TA12       | 1.01"        | 8.3 lb      |
| EL43TA12       | 1.02"        | 3.8 lb      |
| EL50TA12       | 1.02"        | 6.4 lb      |

Designed to

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

Meet: 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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