

# A12 Standard Coupler, Plain, European Design



The European Design Version (Suffix EE) is currently being phased out. All future projects should be designed with the Worldwide Design Version (Suffixes N and LN). This change is being done in order to simplify our product offering and eliminate redundant designs. Please contact Customer Care or your local Sales Engineer/Manager if you require more information on this transition.

## 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

**Design Version:** European (Specialty Materials)

**Finish:** Plain

**Material:** Steel

Table 1/2

| Catalog Number | Article Number | Rebar Size, Metric | Rebar Size, US | Rebar Size, Canada | Hex Width (W) | Diameter (Ø) |
|----------------|----------------|--------------------|----------------|--------------------|---------------|--------------|
| EL12A12EE      | 150010         | 12 mm              | #4             | 10M                | 17 mm         |              |
| EL10A12EE      | 150000         | 10 mm              | #3             |                    | 17 mm         |              |

| CatalogNumber | Article Number | Rebar Size, Metric | Rebar Size, US | Rebar Size, Canada | Hex Width (W) | Diameter (Ø) |
|---------------|----------------|--------------------|----------------|--------------------|---------------|--------------|
| EL14A12EE     | 150020         | 14 mm              |                |                    | 22 mm         |              |
| EL16A12EE     | 150030         | 16 mm              | #5             | 15M                | 22 mm         |              |
| EL18A12EE     | 150040         | 18 mm              |                |                    | 27 mm         |              |
| EL20A12EE     | 150050         | 20 mm              | #6             | 20M                | 27 mm         |              |
| EL25A12EE     | 150070         | 25 mm              | #8             | 25M                |               | 33 mm        |
| EL28A12EE     | 150080         | 28 mm              | #9             | 30M                |               | 37 mm        |
| EL30A12EE     | 150090         | 30 mm              |                |                    |               | 37 mm        |
| EL36A12EE     | 150120         | 36 mm              | #11            | 35M                |               | 46 mm        |
| EL32A12EE     | 150100         | 32 mm              | #10            |                    |               | 42 mm        |
| EL40A12EE     | 150140         | 40 mm              |                |                    |               | 52 mm        |
| EL38A12EE     | 150130         | 38 mm              | #12            |                    |               | 52 mm        |
| EL34A12EE     | 150110         | 34 mm              |                |                    |               | 41 mm        |
| EL43TA12EE    | 150150         | 43 mm              | #14            | 45M                |               | 58 mm        |
| EL50TA12EE    | 150160         | 50 mm              |                |                    |               | 64 mm        |
| EL57TA12EE    | 150170         | 57 mm              | #18            | 55M                |               | 75 mm        |

Table 2/2

| Catalog Number | Article Number | Length (L) | Bar Depth (BD) | Bar Gap (BG) | Unit Weight | Certifications    |
|----------------|----------------|------------|----------------|--------------|-------------|-------------------|
| EL12A12EE      | 150010         | 49mm       | 18mm           | 13mm         | 0.06 kg     | DIBt, AFCAB, KOMO |

| CatalogNumber | Article Number | Length (L) | Bar Depth (BD) | Bar Gap (BG) | Unit Weight | Certifications    |
|---------------|----------------|------------|----------------|--------------|-------------|-------------------|
| EL10A12EE     | 150000         | 48mm       | 18mm           | 12mm         | 0.07 kg     | DIBt, AFCAB       |
| EL14A12EE     | 150020         | 55mm       | 21mm           | 13mm         | 0.13 kg     | DIBt, AFCAB, KOMO |
| EL16A12EE     | 150030         | 61mm       | 24mm           | 13mm         | 0.13 kg     | DIBt, AFCAB, KOMO |
| EL18A12EE     | 150040         | 71mm       | 29mm           | 13mm         | 0.24 kg     |                   |
| EL20A12EE     | 150050         | 88mm       | 36mm           | 16mm         | 0.27 kg     | DIBt, AFCAB, KOMO |
| EL25A12EE     | 150070         | 96mm       | 41mm           | 14mm         | 0.36 kg     | DIBt, AFCAB, KOMO |
| EL28A12EE     | 150080         | 101mm      | 43mm           | 15mm         | 0.46 kg     | DIBt, KOMO        |
| EL30A12EE     | 150090         | 121mm      | 53mm           | 15mm         | 0.51 kg     |                   |
| EL36A12EE     | 150120         | 121mm      | 53mm           | 15mm         | 0.78 kg     |                   |
| EL32A12EE     | 150100         | 107mm      | 46mm           | 15mm         | 0.61 kg     | DIBt, AFCAB, KOMO |
| EL40A12EE     | 150140         | 131mm      | 58mm           | 15mm         | 1.13 kg     | DIBt, AFCAB, KOMO |
| EL38A12EE     | 150130         | 124mm      | 54mm           | 16mm         | 1.19 kg     |                   |
| EL34A12EE     | 150110         | 128mm      | 56mm           | 16mm         | 0.64 kg     |                   |
| EL43TA12EE    | 150150         | 155mm      | 68mm           | 19mm         | 1.86 kg     |                   |
| EL50TA12EE    | 150160         | 163mm      | 71mm           | 21mm         | 2 kg        |                   |
| EL57TA12EE    | 150170         | 189mm      | 84mm           | 21mm         | 3.39 kg     |                   |

**Designed to Meet:**

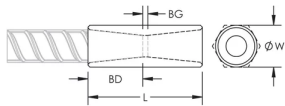
AASHTO;ABNT NBR 8548:1984;ACI 318 Type 1 (125% Specified Yield);ACI 318 Type 2 (Specified Tensile);ACI 349;ACI 359;AS3600

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.

Suffix "EE" has been added to some part numbers to clarify design version among regions.

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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