

# 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

|                        |                                          |
|------------------------|------------------------------------------|
| <b>Finish:</b>         | Plain                                    |
| <b>Material:</b>       | Steel                                    |
| <b>Design Version:</b> | Worldwide (Globally Available Materials) |

Table 1/2

| Catalog Number | Rebar Size, Metric | Rebar Size, US | Rebar Size, Canada | Hex Width (W) | Diameter (Ø) | Length (L) |
|----------------|--------------------|----------------|--------------------|---------------|--------------|------------|
| EL12A12N       | 12 mm              | #4             | 10M                | 17 mm         |              | 50mm       |
| EL10A12N       | 10 mm              | #3             |                    | 17 mm         |              | 49mm       |
| EL14A12N       | 14 mm              |                |                    | 22 mm         |              | 56mm       |
| EL16A12N       | 16 mm              | #5             | 15M                | 22 mm         |              | 61mm       |
| EL18A12N       | 18 mm              |                |                    | 27 mm         |              | 72mm       |
| EL20A12N       | 20 mm              | #6             | 20M                | 27 mm         |              | 87mm       |
| EL22A12N       | 22 mm              | #7             |                    | 30 mm         |              | 91mm       |
| EL25A12N       | 25 mm              | #8             | 25M                |               | 35 mm        | 97mm       |
| EL28A12N       | 28 mm              | #9             | 30M                |               | 40 mm        | 101mm      |
| EL32A12N       | 32 mm              | #10            |                    |               | 45 mm        | 108mm      |
| EL38A12N       | 38 mm              | #12            |                    |               | 55 mm        | 124mm      |
| EL40A12N       | 40 mm              |                |                    |               | 55 mm        | 131mm      |
| EL30A12N       | 30 mm              |                |                    |               | 40 mm        | 121mm      |
| EL34A12N       | 34 mm              |                |                    |               | 45 mm        | 128mm      |
| EL36A12N       | 36 mm              | #11            | 35M                |               | 50 mm        | 121mm      |
| EL57TA12N      | 57 mm              | #18            | 55M                |               | 80 mm        | 192mm      |
| EL43TA12N      | 43 mm              | #14            | 45M                |               | 60 mm        | 158mm      |
| EL50TA12N      | 50 mm              |                |                    |               | 70 mm        | 166mm      |

Table 2/2

| Catalog Number | Bar Depth (BD) | Bar Gap (BG) | Unit Weight | Certifications                                                                                                                                   |
|----------------|----------------|--------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| EL12A12N       | 19mm           | 12mm         | 0.06 kg     | ITB, LA City Approval, Kontrollrådet, IAPMO®-UES, DIBt, ACRS, TZUS, CARES, AFCAB, Kontrollrådet, KOMO, nVent LENTON EPD - Product Specific, RISE |
| EL10A12N       | 18mm           | 13mm         | 0.07 kg     | nVent LENTON EPD - Product Specific, DIBt, Kontrollrådet, CARES, ITB, TZUS, RISE, ACRS, AFCAB                                                    |
| EL14A12N       | 21mm           | 14mm         | 0.13 kg     | Kontrollrådet, ACRS, AFCAB, KOMO, LA City Approval, nVent LENTON EPD - Product Specific, TZUS, RISE, IAPMO®-UES, DIBt, ITB, CARES, Kontrollrådet |
| EL16A12N       | 24mm           | 13mm         | 0.13 kg     | Kontrollrådet, Kontrollrådet, KOMO, LA City Approval, AFCAB, TZUS, IAPMO®-UES, RISE, DIBt, CARES, nVent LENTON EPD - Product Specific, ITB, ACRS |
| EL18A12N       | 29mm           | 14mm         | 0.25 kg     | LA City Approval, TZUS, IAPMO®-UES, nVent LENTON EPD - Product Specific, ACRS, ITB                                                               |
| EL20A12N       | 35mm           | 17mm         | 0.27 kg     | Kontrollrådet, LA City Approval, IAPMO®-UES, Kontrollrådet, TZUS, AFCAB, RISE, CARES, ACRS, DIBt, nVent LENTON EPD - Product Specific, ITB, KOMO |
| EL22A12N       | 37mm           | 17mm         | 0.35 kg     | IAPMO®-UES, nVent LENTON EPD - Product Specific, TZUS, ACRS, LA City Approval, ITB                                                               |

| Catalog Number | Bar Depth (BD) | Bar Gap (BG) | Unit Weight | Certifications                                                                                                                                   |
|----------------|----------------|--------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| EL25A12N       | 40mm           | 17mm         | 0.44 kg     | ACRS, LA City Approval, RISE, Kontrollrådet, IAPMO®-UES, TZUS, Kontrollrådet, nVent LENTON EPD - Product Specific, KOMO, DIBt, CARES, AFCAB, ITB |
| EL28A12N       | 42mm           | 17mm         | 0.61 kg     | IAPMO®-UES, TZUS, nVent LENTON EPD - Product Specific, LA City Approval, ITB, KOMO, ACRS, DIBt                                                   |
| EL32A12N       | 45mm           | 18mm         | 0.79 kg     | Kontrollrådet, ITB, IAPMO®-UES, CARES, TZUS, KOMO, AFCAB, ACRS, Kontrollrådet, LA City Approval, nVent LENTON EPD - Product Specific, RISE, DIBt |
| EL38A12N       | 53mm           | 18mm         | 1.41 kg     | IAPMO®-UES, nVent LENTON EPD - Product Specific, LA City Approval, ACRS                                                                          |
| EL40A12N       | 57mm           | 17mm         | 1.4 kg      | TZUS, LA City Approval, DIBt, RISE, ITB, IAPMO®-UES, nVent LENTON EPD - Product Specific, AFCAB, CARES, Kontrollrådet, ACRS                      |
| EL30A12N       | 52mm           | 17mm         | 0.69 kg     | nVent LENTON EPD - Product Specific, IAPMO®-UES, LA City Approval, ACRS                                                                          |
| EL34A12N       | 55mm           | 18mm         | 0.89 kg     | ACRS, LA City Approval, nVent LENTON EPD - Product Specific, IAPMO®-UES                                                                          |
| EL36A12N       | 52mm           | 17mm         | 1.08 kg     | TZUS, LA City Approval, IAPMO®-UES, ACRS, nVent LENTON EPD - Product Specific                                                                    |

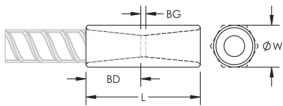
| Catalog Number | Bar Depth (BD) | Bar Gap (BG) | Unit Weight | Certifications                                                                    |
|----------------|----------------|--------------|-------------|-----------------------------------------------------------------------------------|
| EL57TA12N      | 83mm           | 26mm         | 4.45 kg     | LA City Approval,<br>nVent LENTON EPD -<br>Product Specific,<br>IAPMO®-UES        |
| EL43TA12N      | 66mm           | 26mm         | 2.07 kg     | LA City Approval,<br>nVent LENTON EPD -<br>Product Specific,<br>IAPMO®-UES        |
| EL50TA12N      | 70mm           | 26mm         | 2.91 kg     | LA City Approval,<br>CARES, IAPMO®-UES,<br>nVent LENTON EPD -<br>Product Specific |

**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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