

# D14 Mechanical Anchor, Plain, Worldwide Design



## CERTIFICATIONS



## FEATURES

Replaces conventional hooked reinforcing bar

Simplifies reinforcing bar placement and lowers placing costs

Head area exceeds 10x bar area (net 9x)

## 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 | Diameter 1 (Ø1) | Diameter 2 (Ø2) | Length 1 (L1) |
|----------------|--------------------|----------------|--------------------|-----------------|-----------------|---------------|
|----------------|--------------------|----------------|--------------------|-----------------|-----------------|---------------|

|           |       |     |     |        |       |       |
|-----------|-------|-----|-----|--------|-------|-------|
| EL10D14N  | 10 mm | #3  |     | 35 mm  |       | 18 mm |
| EL12D14N  | 12 mm | #4  | 10M | 45 mm  |       | 18 mm |
| EL14D14N  | 14 mm |     |     | 45 mm  |       | 21 mm |
| EL16D14N  | 16 mm | #5  | 15M | 55 mm  |       | 24 mm |
| EL18D14N  | 18 mm |     |     | 60 mm  |       | 29 mm |
| EL20D14N  | 20 mm | #6  | 20M | 65 mm  |       | 35 mm |
| EL28D14N  | 28 mm | #9  | 30M | 95 mm  | 80 mm | 42 mm |
| EL30D14N  | 30 mm |     |     | 95 mm  | 80 mm | 52 mm |
| EL32D14N  | 32 mm | #10 |     | 105 mm | 80 mm | 45 mm |
| EL34D14N  | 34 mm |     |     | 110 mm | 80 mm | 55 mm |
| EL36D14N  | 36 mm | #11 | 35M | 115 mm | 80 mm | 52 mm |
| EL38D14N  | 38 mm | #12 |     | 120 mm | 80 mm | 53 mm |
| EL40D14N  | 40 mm |     |     | 130 mm | 58 mm | 57 mm |
| EL22D14N  | 22 mm | #7  |     | 70 mm  |       | 37 mm |
| EL25D14N  | 25 mm | #8  | 25M | 80 mm  |       | 40 mm |
| EL50TD14N | 50 mm |     |     | 160 mm | 80 mm | 71 mm |

Table 2/2

| Catalog Number | Length 2 (L2) | Unit Weight | Certifications                                              |
|----------------|---------------|-------------|-------------------------------------------------------------|
| EL10D14N       |               | 0.12 kg     | DIBt, AFCAB, TZUS, nVent LENTON EPD - Product Specific, ITB |

| Catalog Number | Length 2 (L2) | Unit Weight | Certifications                                                           |
|----------------|---------------|-------------|--------------------------------------------------------------------------|
| EL12D14N       |               | 0.21 kg     | DIBt, AFCAB, RISE, CARES, TZUS, nVent LENTON EPD - Product Specific, ITB |
| EL14D14N       |               | 0.24 kg     | DIBt, AFCAB, RISE, CARES, TZUS, nVent LENTON EPD - Product Specific, ITB |
| EL16D14N       |               | 0.41 kg     | DIBt, AFCAB, RISE, CARES, TZUS, nVent LENTON EPD - Product Specific, ITB |
| EL18D14N       |               | 0.6 kg      | TZUS, nVent LENTON EPD - Product Specific, ITB                           |
| EL20D14N       |               | 0.83 kg     | ITB, DIBt, AFCAB, RISE, CARES, TZUS, nVent LENTON EPD - Product Specific |
| EL28D14N       | 25 mm         | 1.93 kg     | TZUS, nVent LENTON EPD - Product Specific, ITB, DIBt                     |
| EL30D14N       | 25 mm         | 2.48 kg     | nVent LENTON EPD - Product Specific                                      |
| EL32D14N       | 25 mm         | 2.35 kg     | ITB, DIBt, AFCAB, TZUS                                                   |
| EL34D14N       | 25 mm         | 3.23 kg     | nVent LENTON EPD - Product Specific                                      |
| EL36D14N       | 25 mm         | 3.16 kg     | TZUS, nVent LENTON EPD - Product Specific                                |
| EL38D14N       | 25 mm         | 3.49 kg     | nVent LENTON EPD - Product Specific                                      |
| EL40D14N       | 26 mm         | 6 kg        | ITB, DIBt, AFCAB, TZUS                                                   |
| EL22D14N       |               | 1.03 kg     | TZUS, nVent LENTON EPD - Product Specific, ITB                           |
| EL25D14N       |               | 1.43 kg     | ITB, DIBt, AFCAB, RISE, CARES, TZUS, nVent LENTON EPD - Product Specific |
| EL50TD14N      | 38 mm         | 11.25 kg    |                                                                          |

**Designed to Meet:** ACI 318;AS3600;ASTM A970

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.

Thread does not need to be flush with end of nVent LENTON Terminator. Thread may be +/- 2 threads from backside of coupler.

For EL32D14WN, EL40D14WN and EL50TD14WN, Diameter 2 (Ø2) is larger than Diameter 1 (Ø1).

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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