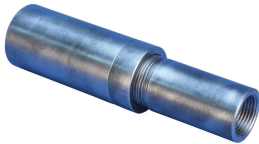


# P13 Position Coupler, Plain, Worldwide Design



## CERTIFICATIONS



## FEATURES

Designed to splice the same diameter bars

Designed to splice two curved, bent or straight bars, when neither bar can be rotated and where the ongoing bar is NOT free to move in its axial direction

Adjustability in the female end of the coupler allows the coupler to extend out to meet the taper-threaded reinforcing bar

## SPECIFICATIONS

|                            |                                          |
|----------------------------|------------------------------------------|
| <b>Finish:</b>             | Plain                                    |
| <b>Coupler Adjustment:</b> | Standard                                 |
| <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 (Ø) | Length 1 (L1) | Length 2 (L2) |
|----------------|--------------------|----------------|--------------------|--------------|---------------|---------------|
|----------------|--------------------|----------------|--------------------|--------------|---------------|---------------|

|            |       |     |     |        |        |        |
|------------|-------|-----|-----|--------|--------|--------|
| EL10P13LN  | 10 mm | #3  |     | 25 mm  | 120 mm | 155 mm |
| EL12P13LN  | 12 mm | #4  | 10M | 25 mm  | 124 mm | 159 mm |
| EL14P13LN  | 14 mm |     |     | 25 mm  | 134 mm | 172 mm |
| EL16P13LN  | 16 mm | #5  | 15M | 30 mm  | 144 mm | 186 mm |
| EL18P13LN  | 18 mm |     |     | 35 mm  | 162 mm | 208 mm |
| EL20P13LN  | 20 mm | #6  | 20M | 35 mm  | 199 mm | 260 mm |
| EL22P13LN  | 22 mm | #7  |     | 40 mm  | 210 mm | 273 mm |
| EL25P13LN  | 25 mm | #8  | 25M | 45 mm  | 221 mm | 287 mm |
| EL28P13LN  | 28 mm | #9  | 30M | 50 mm  | 229 mm | 298 mm |
| EL32P13LN  | 32 mm | #10 |     | 60 mm  | 249 mm | 321 mm |
| EL30P13LN  | 30 mm |     |     | 55 mm  | 262 mm | 340 mm |
| EL36P13LN  | 36 mm | #11 | 35M | 65 mm  | 271 mm | 349 mm |
| EL38P13LN  | 38 mm | #12 |     | 70 mm  | 277 mm | 357 mm |
| EL34P13LN  | 34 mm |     |     | 60 mm  | 280 mm | 362 mm |
| EL40P13LN  | 40 mm |     |     | 70 mm  | 290 mm | 374 mm |
| EL43TP13LN | 43 mm | #14 | 45M | 75 mm  | 341 mm | 433 mm |
| EL50TP13LN | 50 mm |     |     | 90 mm  | 358 mm | 454 mm |
| EL57TP13LN | 57 mm | #18 | 55M | 100 mm | 404 mm | 513 mm |

Table 2/2

| Catalog Number | Bar Depth (BD) | Bar Gap 1 (BG1) | Bar Gap 2 (BG2) | Coupler Body (CB) | Unit Weight | Certifications                                                                                                     |
|----------------|----------------|-----------------|-----------------|-------------------|-------------|--------------------------------------------------------------------------------------------------------------------|
| EL10P13LN      | 18mm           | 84mm            | 119mm           | 70mm              | 0.36 kg     | DIBt, AFCAB, RISE, TZUS, nVent LENTON EPD - Product Specific, ACRS, Kontrollrådet, ITB                             |
| EL12P13LN      | 19mm           | 86mm            | 121mm           | 75mm              | 0.36 kg     | CARES, KOMO, AFCAB, TZUS, nVent LENTON EPD - Product Specific, ACRS, Kontrollrådet, Kontrollrådet, ITB, DIBt, RISE |
| EL14P13LN      | 21mm           | 92mm            | 130mm           | 82mm              | 0.37 kg     | KOMO, AFCAB, TZUS, nVent LENTON EPD - Product Specific, CARES, ACRS, Kontrollrådet, Kontrollrådet, ITB, DIBt, RISE |
| EL16P13LN      | 24mm           | 96mm            | 138mm           | 89mm              | 0.59 kg     | CARES, KOMO, AFCAB, TZUS, nVent LENTON EPD - Product Specific, ACRS, Kontrollrådet, Kontrollrådet, ITB, DIBt, RISE |
| EL18P13LN      | 29mm           | 104mm           | 150mm           | 101mm             | 0.85 kg     | TZUS, nVent LENTON EPD - Product Specific, ACRS, ITB                                                               |
| EL20P13LN      | 35mm           | 129mm           | 190mm           | 126mm             | 1.09 kg     | CARES, KOMO, AFCAB, TZUS, nVent LENTON EPD - Product Specific, ACRS, Kontrollrådet, Kontrollrådet, ITB, DIBt, RISE |

| CatalogNumber | Bar Depth (BD) | Bar Gap 1(BG1) | Bar Gap 2(BG2) | Coupler Body (CB) | Unit Weight | Certifications                                                                                                     |
|---------------|----------------|----------------|----------------|-------------------|-------------|--------------------------------------------------------------------------------------------------------------------|
| EL22P13LN     | 37mm           | 136mm          | 199mm          | 132mm             | 1.55 kg     | ITB, TZUS, nVent LENTON EPD - Product Specific, ACRS                                                               |
| EL25P13LN     | 40mm           | 140mm          | 207mm          | 140mm             | 1.94 kg     | CARES, KOMO, AFCAB, TZUS, nVent LENTON EPD - Product Specific, ACRS, Kontrollrådet, Kontrollrådet, ITB, DIBt, RISE |
| EL28P13LN     | 42mm           | 145mm          | 214mm          | 147mm             | 2.53 kg     | KOMO, TZUS, nVent LENTON EPD - Product Specific, ACRS, ITB, DIBt                                                   |
| EL32P13LN     | 45mm           | 159mm          | 231mm          | 156mm             | 3.96 kg     | CARES, KOMO, AFCAB, TZUS, nVent LENTON EPD - Product Specific, ACRS, Kontrollrådet, Kontrollrådet, ITB, DIBt, RISE |
| EL30P13LN     | 52mm           | 158mm          | 236mm          | 169mm             | 3.35 kg     | nVent LENTON EPD - Product Specific, ACRS                                                                          |
| EL36P13LN     | 52mm           | 167mm          | 245mm          | 172mm             | 5.01 kg     | TZUS, nVent LENTON EPD - Product Specific, ACRS                                                                    |
| EL38P13LN     | 53mm           | 171mm          | 251mm          | 175mm             | 6.05 kg     | nVent LENTON EPD - Product Specific, ACRS                                                                          |
| EL34P13LN     | 55mm           | 170mm          | 252mm          | 177mm             | 4.28 kg     | nVent LENTON EPD - Product Specific, ACRS                                                                          |
| EL40P13LN     | 57mm           | 176mm          | 260mm          | 184mm             | 6.18 kg     | CARES, AFCAB, TZUS, nVent LENTON EPD - Product Specific, ACRS, Kontrollrådet, ITB, DIBt, RISE                      |

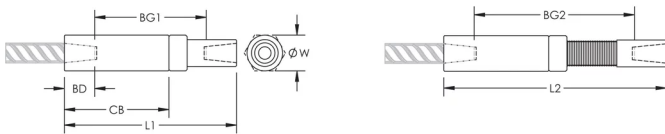
| CatalogNumber | Bar Depth (BD) | Bar Gap 1(BG1) | Bar Gap 2(BG2) | Coupler Body (CB) | Unit Weight | Certifications                             |
|---------------|----------------|----------------|----------------|-------------------|-------------|--------------------------------------------|
| EL43TP13LN    | 66mm           | 209mm          | 301mm          | 214mm             | 8.24 kg     | nVent LENTON EPD - Product Specific        |
| EL50TP13LN    | 70mm           | 218mm          | 314mm          | 224mm             | 11.97 kg    | CARES, nVent LENTON EPD - Product Specific |
| EL57TP13LN    | 83mm           | 238mm          | 347mm          | 256mm             | 17.11 kg    | nVent LENTON EPD - 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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