

P14 Position Transition Coupler, Worldwide Design



CERTIFICATIONS



FEATURES

Used to splice different diameter bars

Designed to splice two curved, bent or straight bars, when neither bar can be rotated and where the ongoing bar is free to move in its axial direction

SPECIFICATIONS

- Finish:** Plain
- Material:** Steel
- Design Version:** 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)
EL1210P14LN	12 mm, 10 mm	#4, #3		25 mm	98 mm	105 mm

CatalogNumber	Rebar Size, Metric	Rebar Size, US	Rebar Size, Canada	Diameter (Ø)	Length 1 (L1)	Length 2 (L2)
EL1412P14LN	14 mm, 12 mm			25 mm	105 mm	112 mm
EL1410P14LN	14 mm, 10 mm			25 mm	105 mm	112 mm
EL1614P14LN	16 mm, 14 mm			30 mm	113 mm	119 mm
EL1612P14LN	16 mm, 12 mm	#5, #4	15M, 10M	30 mm	113 mm	119 mm
EL1610P14LN	16 mm, 10 mm	#5, #3		30 mm	113 mm	119 mm
EL1816P14LN	18 mm, 16 mm			35 mm	125 mm	131 mm
EL1814P14LN	18 mm, 14 mm			35 mm	125 mm	131 mm
EL1812P14LN	18 mm, 12 mm			35 mm	125 mm	131 mm
EL1810P14LN	18 mm, 10 mm			35 mm	125 mm	131 mm
EL2010P14LN	20 mm, 10 mm	#6, #3		35 mm	152 mm	163 mm
EL2012P14LN	20 mm, 12 mm	#6, #4	20M, 10M	35 mm	152 mm	163 mm
EL2212P14LN	22 mm, 12 mm	#7, #4		40 mm	160 mm	172 mm
EL2512P14LN	25 mm, 12 mm	#8, #4	25M, 10M	45 mm	169 mm	180 mm
EL2014P14LN	20 mm, 14 mm			35 mm	152 mm	163 mm
EL2214P14LN	22 mm, 14 mm			40 mm	160 mm	172 mm
EL2514P14LN	25 mm, 14 mm			45 mm	169 mm	180 mm
EL2814P14LN	28 mm, 14 mm			50 mm	175 mm	187 mm
EL2018P14LN	20 mm, 18 mm			35 mm	152 mm	163 mm

CatalogNumber	Rebar Size, Metric	Rebar Size, US	Rebar Size, Canada	Diameter (Ø)	Length 1 (L1)	Length 2 (L2)
EL2016P14LN	20 mm, 16 mm	#6, #5	20M, 15M	35 mm	152 mm	163 mm
EL2216P14LN	22 mm, 16 mm	#7, #5		40 mm	160 mm	172 mm
EL2516P14LN	25 mm, 16 mm	#8, #5	25M, 15M	45 mm	169 mm	180 mm
EL2816P14LN	28 mm, 16 mm	#9, #5	30M, 15M	50 mm	175 mm	187 mm
EL3016P14LN	30 mm, 16 mm			55 mm	198 mm	209 mm
EL2218P14LN	22 mm, 18 mm			40 mm	160 mm	172 mm
EL2518P14LN	25 mm, 18 mm			45 mm	169 mm	180 mm
EL2818P14LN	28 mm, 18 mm			50 mm	175 mm	187 mm
EL3018P14LN	30 mm, 18 mm			55 mm	198 mm	209 mm
EL3218P14LN	32 mm, 18 mm			60 mm	192 mm	203 mm
EL2220P14LN	22 mm, 20 mm	#7, #6		40 mm	160 mm	172 mm
EL2520P14LN	25 mm, 20 mm	#8, #6	25M, 20M	45 mm	169 mm	180 mm
EL2820P14LN	28 mm, 20 mm	#9, #6	30M, 20M	50 mm	175 mm	187 mm
EL3020P14LN	30 mm, 20 mm			55 mm	198 mm	209 mm
EL3220P14LN	32 mm, 20 mm	#10, #6		60 mm	192 mm	203 mm
EL3420P14LN	34 mm, 20 mm			60 mm	213 mm	224 mm
EL2522P14LN	25 mm, 22 mm	#8, #7		45 mm	169 mm	180 mm
EL2822P14LN	28 mm, 22 mm	#9, #7		50 mm	175 mm	187 mm

CatalogNumber	Rebar Size, Metric	Rebar Size, US	Rebar Size, Canada	Diameter (Ø)	Length 1 (L1)	Length 2 (L2)
EL3022P14LN	30 mm, 22 mm			55 mm	198 mm	209 mm
EL3222P14LN	32 mm, 22 mm	#10, #7		60 mm	192 mm	203 mm
EL3422P14LN	34 mm, 22 mm			60 mm	213 mm	224 mm
EL3622P14LN	36 mm, 22 mm	#11, #7		65 mm	207 mm	218 mm
EL2825P14LN	28 mm, 25 mm	#9, #8	30M, 25M	50 mm	175 mm	187 mm
EL3025P14LN	30 mm, 25 mm			55 mm	198 mm	209 mm
EL3225P14LN	32 mm, 25 mm	#10, #8		60 mm	192 mm	203 mm
EL3425P14LN	34 mm, 25 mm			60 mm	213 mm	224 mm
EL3625P14LN	36 mm, 25 mm	#11, #8	35M, 25M	65 mm	207 mm	218 mm
EL3825P14LN	38 mm, 25 mm	#12, #8		70 mm	212 mm	223 mm
EL3028P14LN	30 mm, 28 mm			55 mm	198 mm	209 mm
EL3228P14LN	32 mm, 28 mm	#10, #9		60 mm	192 mm	203 mm
EL3428P14LN	34 mm, 28 mm			60 mm	213 mm	224 mm
EL3628P14LN	36 mm, 28 mm	#11, #9	35M, 30M	65 mm	207 mm	218 mm
EL3828P14LN	38 mm, 28 mm	#12, #9		70 mm	212 mm	223 mm
EL4028P14LN	40 mm, 28 mm			70 mm	221 mm	232 mm
EL3230P14LN	32 mm, 30 mm			60 mm	192 mm	203 mm
EL3432P14LN	34 mm, 32 mm			60 mm	213 mm	224 mm

CatalogNumber	Rebar Size, Metric	Rebar Size, US	Rebar Size, Canada	Diameter (Ø)	Length 1 (L1)	Length 2 (L2)
EL3632P14LN	36 mm, 32 mm	#11, #10		65 mm	207 mm	218 mm
EL3832P14LN	38 mm, 32 mm			70 mm	212 mm	223 mm
EL4032P14LN	40 mm, 32 mm			70 mm	221 mm	232 mm
EL50T32P14LN	50 mm, 32 mm			90 mm	287 mm	308 mm
EL3430P14LN	34 mm, 30 mm			60 mm	213 mm	224 mm
EL3630P14LN	36 mm, 30 mm			65 mm	207 mm	218 mm
EL3634P14LN	36 mm, 34 mm			65 mm	207 mm	218 mm
EL3830P14LN	38 mm, 30 mm			70 mm	212 mm	223 mm
EL3836P14LN	38 mm, 36 mm	#12, #11		70 mm	212 mm	223 mm
EL4030P14LN	40 mm, 30 mm			70 mm	221 mm	232 mm
EL4036P14LN	40 mm, 36 mm			70 mm	221 mm	232 mm
EL50T36P14LN	50 mm, 36 mm			90 mm	287 mm	308 mm
EL3834P14LN	38 mm, 34 mm			70 mm	212 mm	223 mm
EL4038P14LN	40 mm, 38 mm			70 mm	221 mm	232 mm
EL50T38P14LN	50 mm, 38 mm			90 mm	287 mm	308 mm
EL4034P14LN	40 mm, 34 mm			70 mm	221 mm	232 mm
EL50T34P14LN	50 mm, 34 mm			90 mm	287 mm	308 mm
EL50T40P14LN	50 mm, 40 mm			90 mm	287 mm	308 mm

Table 2/2

Catalog Number	Bar Depth 1 (BD1)	Bar Depth 2 (BD2)	Bar Gap 1 (BG1)	Bar Gap 2 (BG2)	Coupler Body (CB)	Certifications
EL1210P14LN	19mm	18mm	61mm	68mm	46mm	DIBt, Kontrollrådet, nVent LENTON EPD - Product Specific, RISE, ITB
EL1412P14LN	21mm	19mm	49mm	56mm	51mm	Kontrollrådet, DIBt, Kontrollrådet, nVent LENTON EPD - Product Specific, RISE, ITB
EL1410P14LN	21mm	18mm	66mm	73mm	51mm	ITB, Kontrollrådet, nVent LENTON EPD - Product Specific
EL1614P14LN	24mm	21mm	47mm	53mm	54mm	nVent LENTON EPD - Product Specific, ITB, DIBt, Kontrollrådet, Kontrollrådet, RISE
EL1612P14LN	24mm	19mm	49mm	55mm	54mm	RISE, nVent LENTON EPD - Product Specific, ITB, Kontrollrådet, Kontrollrådet
EL1610P14LN	24mm	18mm	71mm	77mm	54mm	nVent LENTON EPD - Product Specific, ITB, Kontrollrådet
EL1816P14LN	29mm	24mm	44mm	50mm	61mm	nVent LENTON EPD - Product Specific, ITB
EL1814P14LN	29mm	21mm	48mm	54mm	61mm	nVent LENTON EPD - Product Specific, ITB
EL1812P14LN	29mm	19mm	61mm	67mm	61mm	nVent LENTON EPD - Product Specific, ITB

CatalogNumber	Bar Depth 1 (BD1)	Bar Depth 2 (BD2)	Bar Gap 1(BG1)	Bar Gap 2(BG2)	Coupler Body (CB)	Certifications
EL1810P14LN	29mm	18mm	78mm	84mm	61mm	ITB, nVent LENTON EPD - Product Specific
EL2010P14LN	35mm	18mm	99mm	110mm	76mm	ITB, Kontrollrådet, nVent LENTON EPD - Product Specific
EL2012P14LN	35mm	19mm	88mm	99mm	76mm	Kontrollrådet, RISE, nVent LENTON EPD - Product Specific, ITB, Kontrollrådet
EL2212P14LN	37mm	19mm	104mm	116mm	80mm	nVent LENTON EPD - Product Specific, ITB
EL2512P14LN	40mm	19mm	110mm	121mm	86mm	nVent LENTON EPD - Product Specific, RISE, Kontrollrådet, ITB, Kontrollrådet
EL2014P14LN	35mm	21mm	61mm	72mm	76mm	nVent LENTON EPD - Product Specific, ITB, Kontrollrådet, Kontrollrådet, RISE
EL2214P14LN	37mm	21mm	82mm	94mm	80mm	nVent LENTON EPD - Product Specific, ITB
EL2514P14LN	40mm	21mm	103mm	114mm	86mm	ITB, Kontrollrådet, nVent LENTON EPD - Product Specific, RISE, Kontrollrådet
EL2814P14LN	42mm	21mm	112mm	124mm	90mm	ITB, nVent LENTON EPD - Product Specific
EL2018P14LN	35mm	29mm	66mm	77mm	76mm	nVent LENTON EPD - Product Specific, ITB

CatalogNumber	Bar Depth 1 (BD1)	Bar Depth 2 (BD2)	Bar Gap 1(BG1)	Bar Gap 2(BG2)	Coupler Body (CB)	Certifications
EL2016P14LN	35mm	24mm	58mm	69mm	76mm	nVent LENTON EPD - Product Specific, DIBt, ITB, Kontrollrådet, Kontrollrådet, RISE
EL2216P14LN	37mm	24mm	96mm	108mm	80mm	ITB, nVent LENTON EPD - Product Specific
EL2516P14LN	40mm	24mm	75mm	86mm	86mm	ITB, Kontrollrådet, nVent LENTON EPD - Product Specific, RISE, Kontrollrådet
EL2816P14LN	42mm	24mm	127mm	139mm	90mm	nVent LENTON EPD - Product Specific, ITB
EL3016P14LN	52mm	24mm	122mm	133mm	102mm	nVent LENTON EPD - Product Specific
EL2218P14LN	37mm	29mm	91mm	103mm	80mm	nVent LENTON EPD - Product Specific, ITB
EL2518P14LN	40mm	29mm	105mm	116mm	86mm	nVent LENTON EPD - Product Specific, ITB
EL2818P14LN	42mm	29mm	122mm	134mm	90mm	nVent LENTON EPD - Product Specific, ITB
EL3018P14LN	52mm	29mm	140mm	151mm	102mm	nVent LENTON EPD - Product Specific
EL3218P14LN	45mm	29mm	118mm	129mm	96mm	ITB, nVent LENTON EPD - Product Specific
EL2220P14LN	37mm	35mm	68mm	80mm	80mm	nVent LENTON EPD - Product Specific, ITB

CatalogNumber	Bar Depth 1 (BD1)	Bar Depth 2 (BD2)	Bar Gap 1(BG1)	Bar Gap 2(BG2)	Coupler Body (CB)	Certifications
EL2520P14LN	40mm	35mm	115mm	126mm	86mm	nVent LENTON EPD - Product Specific, RISE, Kontrollrådet, DIBt, ITB, Kontrollrådet
EL2820P14LN	42mm	35mm	116mm	128mm	90mm	nVent LENTON EPD - Product Specific, ITB
EL3020P14LN	52mm	35mm	128mm	139mm	102mm	nVent LENTON EPD - Product Specific
EL3220P14LN	45mm	35mm	120mm	131mm	96mm	Kontrollrådet, ITB, RISE, Kontrollrådet, nVent LENTON EPD - Product Specific
EL3420P14LN	55mm	35mm	123mm	134mm	107mm	nVent LENTON EPD - Product Specific
EL2522P14LN	40mm	37mm	111mm	122mm	86mm	ITB, nVent LENTON EPD - Product Specific
EL2822P14LN	42mm	37mm	109mm	121mm	90mm	ITB, nVent LENTON EPD - Product Specific
EL3022P14LN	52mm	37mm	126mm	137mm	102mm	nVent LENTON EPD - Product Specific
EL3222P14LN	45mm	37mm	118mm	129mm	96mm	nVent LENTON EPD - Product Specific, ITB
EL3422P14LN	55mm	37mm	136mm	147mm	107mm	nVent LENTON EPD - Product Specific
EL3622P14LN	52mm	37mm	118mm	129mm	105mm	nVent LENTON EPD - Product Specific
EL2825P14LN	42mm	40mm	106mm	118mm	90mm	ITB, nVent LENTON EPD - Product Specific, DIBt

CatalogNumber	Bar Depth 1 (BD1)	Bar Depth 2 (BD2)	Bar Gap 1(BG1)	Bar Gap 2(BG2)	Coupler Body (CB)	Certifications
EL3025P14LN	52mm	40mm	123mm	134mm	102mm	nVent LENTON EPD - Product Specific
EL3225P14LN	45mm	40mm	115mm	126mm	96mm	RISE, nVent LENTON EPD - Product Specific, Kontrollrådet, ITB, Kontrollrådet
EL3425P14LN	55mm	40mm	133mm	144mm	107mm	nVent LENTON EPD - Product Specific
EL3625P14LN	52mm	40mm	125mm	136mm	105mm	nVent LENTON EPD - Product Specific
EL3825P14LN	53mm	40mm	119mm	130mm	106mm	nVent LENTON EPD - Product Specific
EL3028P14LN	52mm	42mm	121mm	132mm	102mm	nVent LENTON EPD - Product Specific
EL3228P14LN	45mm	42mm	113mm	124mm	96mm	nVent LENTON EPD - Product Specific, ITB, DIBt
EL3428P14LN	55mm	42mm	131mm	142mm	107mm	nVent LENTON EPD - Product Specific
EL3628P14LN	52mm	42mm	123mm	134mm	105mm	nVent LENTON EPD - Product Specific
EL3828P14LN	53mm	42mm	118mm	129mm	106mm	nVent LENTON EPD - Product Specific
EL4028P14LN	57mm	42mm	122mm	133mm	112mm	ITB, nVent LENTON EPD - Product Specific
EL3230P14LN	45mm	52mm	103mm	114mm	96mm	nVent LENTON EPD - Product Specific
EL3432P14LN	55mm	45mm	128mm	139mm	107mm	nVent LENTON EPD - Product Specific

CatalogNumber	Bar Depth 1 (BD1)	Bar Depth 2 (BD2)	Bar Gap 1(BG1)	Bar Gap 2(BG2)	Coupler Body (CB)	Certifications
EL3632P14LN	52mm	45mm	120mm	131mm	105mm	nVent LENTON EPD - Product Specific
EL3832P14LN	53mm	45mm	115mm	126mm	106mm	nVent LENTON EPD - Product Specific
EL4032P14LN	57mm	45mm	131mm	142mm	112mm	Kontrollrådet, nVent LENTON EPD - Product Specific, RISE, ITB, DiBt
EL50T32P14LN	70mm	45mm	172mm	193mm	148mm	nVent LENTON EPD - Product Specific
EL3430P14LN	55mm	52mm	121mm	132mm	107mm	nVent LENTON EPD - Product Specific
EL3630P14LN	52mm	52mm	113mm	124mm	105mm	nVent LENTON EPD - Product Specific
EL3634P14LN	52mm	55mm	110mm	121mm	105mm	nVent LENTON EPD - Product Specific
EL3830P14LN	53mm	52mm	108mm	119mm	106mm	nVent LENTON EPD - Product Specific
EL3836P14LN	53mm	52mm	108mm	119mm	106mm	nVent LENTON EPD - Product Specific
EL4030P14LN	57mm	52mm	124mm	135mm	112mm	nVent LENTON EPD - Product Specific
EL4036P14LN	57mm	52mm	124mm	135mm	112mm	nVent LENTON EPD - Product Specific
EL50T36P14LN	70mm	52mm	180mm	201mm	148mm	nVent LENTON EPD - Product Specific
EL3834P14LN	53mm	55mm	105mm	116mm	106mm	nVent LENTON EPD - Product Specific
EL4038P14LN	57mm	53mm	123mm	134mm	112mm	nVent LENTON EPD - Product Specific

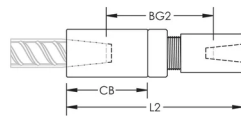
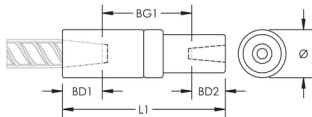
CatalogNumber	Bar Depth 1 (BD1)	Bar Depth 2 (BD2)	Bar Gap 1(BG1)	Bar Gap 2(BG2)	Coupler Body (CB)	Certifications
EL50T38P14LN	70mm	53mm	179mm	200mm	148mm	nVent LENTON EPD - Product Specific
EL4034P14LN	57mm	55mm	121mm	132mm	112mm	nVent LENTON EPD - Product Specific
EL50T34P14LN	70mm	55mm	177mm	198mm	148mm	nVent LENTON EPD - Product Specific
EL50T40P14LN	70mm	57mm	175mm	196mm	148mm	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 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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