

P13 Position 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

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

Design Version: European (Specialty Materials)

Finish: Plain

Material: Steel

Table 1/3

Catalog Number	Article Number	Coupler Adjustment	Rebar Size, Metric	Rebar Size, US	Rebar Size, Canada	Hex Width (W)
EL10P13EE	150180	Standard	10 mm	#3		22 mm
EL12P13EE	150190	Standard	12 mm	#4	10M	22 mm

CatalogNumber	Article Number	Coupler Adjustment	Rebar Size, Metric	Rebar Size, US	Rebar Size, Canada	Hex Width (W)
EL14P13EE	150200	Standard	14 mm			27 mm
EL16P13EE	150210	Standard	16 mm	#5	15M	27 mm
EL18P13EE	150220	Standard	18 mm			
EL20P13X35EE	145415	Reduced	20 mm	#6	20M	
EL20P13EE	150230	Standard	20 mm	#6	20M	
EL32P13X120EE	151875	Extended	32 mm	#10		
EL25P13X35EE	145420	Reduced	25 mm	#8	25M	
EL22P13EE	150240	Standard	22 mm	#7		
EL25P13EE	150250	Standard	25 mm	#8	25M	
EL28P13EE	150260	Standard	28 mm	#9	30M	
EL32P13EE	150280	Standard	32 mm	#10		
EL32P13X35EE	145430	Reduced	32 mm	#10		
EL30P13EE	150270	Standard	30 mm			
EL34P13EE	150290	Standard	34 mm			
EL36P13EE	150300	Standard	36 mm	#11	35M	
EL50P13X45EE	150335	Reduced	50 mm			
EL38P13EE	150310	Standard	38 mm	#12		
EL40P13EE	150320	Standard	40 mm			

CatalogNumber	Article Number	Coupler Adjustment	Rebar Size, Metric	Rebar Size, US	Rebar Size, Canada	Hex Width (W)
EL40P13X35EE	145440	Reduced	40 mm			
EL43P13EE	150330	Standard	43 mm	#14	45M	
EL50P13EE	150340	Standard	50 mm			

Table 2/3						
Catalog Number	Article Number	Diameter (Ø)	Length 1 (L1)	Length 2 (L2)	Bar Depth (BD)	Bar Gap 1 (BG1)
EL10P13EE	150180		116 mm	159 mm	18mm	80mm
EL12P13EE	150190		119 mm	162 mm	18mm	83mm
EL14P13EE	150200		125 mm	168 mm	21mm	83mm
EL16P13EE	150210		136 mm	181 mm	24mm	88mm
EL18P13EE	150220	33 mm	146 mm	191 mm	29mm	88mm
EL20P13X35EE	145415	33 mm	158 mm	193 mm	36mm	86mm
EL20P13EE	150230	33 mm	175 mm	228 mm	36mm	103mm
EL32P13X120EE	151875	52 mm	277 mm	394 mm	46mm	185mm
EL25P13X35EE	145420	41 mm	171 mm	206 mm	41mm	89mm
EL22P13EE	150240	41 mm	182 mm	240 mm	38mm	106mm
EL25P13EE	150250	41 mm	195 mm	255 mm	41mm	113mm
EL28P13EE	150260	46 mm	207 mm	272 mm	43mm	121mm
EL32P13EE	150280	52 mm	223 mm	288 mm	46mm	131mm

CatalogNumber	Article Number	Diameter (Ø)	Length 1 (L1)	Length 2 (L2)	Bar Depth (BD)	Bar Gap 1 (BG1)
EL32P13X35EE	145430	52 mm	194 mm	229 mm	46mm	102mm
EL30P13EE	150270	52 mm	227 mm	292 mm	53mm	121mm
EL34P13EE	150290	52 mm	243 mm	308 mm	56mm	131mm
EL36P13EE	150300	58 mm	243 mm	316 mm	53mm	137mm
EL50P13X45EE	150335	80 mm	272 mm	313 mm	71mm	130mm
EL38P13EE	150310	64 mm	255 mm	335 mm	54mm	147mm
EL40P13EE	150320	64 mm	270 mm	351 mm	58mm	154mm
EL40P13X35EE	145440	64 mm	225 mm	260 mm	58mm	109mm
EL43P13EE	150330	75 mm	294 mm	374 mm	68mm	158mm
EL50P13EE	150340	80 mm	325 mm	418 mm	71mm	183mm

Table 3/3

Catalog Number	Article Number	Bar Gap 2 (BG2)	Coupler Body (CB)	Certifications
EL10P13EE	150180	123mm	74mm	AFCAB, DIBt
EL12P13EE	150190	126mm	77mm	AFCAB, DIBt, KOMO
EL14P13EE	150200	126mm	80mm	DIBt, AFCAB, KOMO
EL16P13EE	150210	133mm	88mm	AFCAB, DIBt, KOMO
EL18P13EE	150220	133mm	93mm	
EL20P13X35EE	145415	121mm	95mm	
EL20P13EE	150230	156mm	112mm	DIBt, AFCAB, KOMO

Catalog Number	Article Number	Bar Gap 2 (BG2)	Coupler Body (CB)	Certifications
EL32P13X120EE	151875	24mm	199mm	
EL25P13X35EE	145420	124mm	103mm	
EL22P13EE	150240	164mm	116mm	
EL25P13EE	150250	173mm	127mm	AFCAB, KOMO, DIBt
EL28P13EE	150260	186mm	137mm	KOMO, DIBt
EL32P13EE	150280	196mm	144mm	AFCAB, DIBt, KOMO
EL32P13X35EE	145430	137mm	115mm	
EL30P13EE	150270	186mm	147mm	
EL34P13EE	150290	196mm	154mm	
EL36P13EE	150300	210mm	158mm	
EL50P13X45EE	150335	53mm	162mm	
EL38P13EE	150310	227mm	168mm	
EL40P13EE	150320	235mm	179mm	AFCAB, KOMO, DIBt
EL40P13X35EE	145440	144mm	134mm	
EL43P13EE	150330	238mm	187mm	
EL50P13EE	150340	276mm	214mm	

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 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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