

# PM15 Female Position Assembly



The nVent LENTON Ultimate PM15 Female Position Assembly is designed for high performance applications, efficiently creating mechanical reinforcing bar connections when neither bar can be rotated or adjusted axially. The LENTON self-aligning, taper-thread reduces misalignment issues and helps eliminate cross-threading during installation. The straight thread allows for axial adjustment or "bridging gaps". The PM15 Female Position Assembly is comprised of 2 components: a Male Straight Threaded Stud and a Straight to Taper Coupling Sleeve. It is used in conjunction with the nVent LENTON MT12 Male Taper Stud for positional/caging connections.

Additionally, the PM15 Female Position Assembly can be used in conjunction with threaded bars produced on nVent LENTON threaders. However, when using in conjunction with taper-threaded bars produced on nVent LENTON threaders the performance of the connection may change. Contact your nVent LENTON representative for more information.

nVent LENTON Ultimate Mechanical Splices are pre-qualified for use for both Caltrans Ultimate and Caltrans Service applications. Additionally, they meet ACI® 318 Type 1 and Type 2 mechanical splice performance with ASTM® A615 and A706 grades 60 through 80 rebar.

Typical applications include bent bar, prefabricated cages and precast structural elements.

## FEATURES

Slim design maintains concrete cover

Installs quickly and easily

Utilizes the standard nVent LENTON taper profile

Telescoping feature allows for gaps between mating bars

Sight groove incorporated in the design to ensure proper installation

No special tools or skills required

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

## SPECIFICATIONS

<b>Finish:</b>	Plain
<b>Coupler Adjustment:</b>	Standard
<b>Material:</b>	Steel
<b>100% U.S. Domestic Content:</b>	Yes

Table 1/2

Catalog Number	Rebar Size, US	Rebar Size, Canada	Hex Width (W)	Diameter 1 (Ø1)	Diameter 2 (Ø2)	Coupler Body (CB)
LU25PM15D	#8	25M	1.19"		1 3/4"	4.78"
LU28PM15D	#9	30M		1.38"	1.88"	5.14"
LU32PM15D	#10			1 1/2"	2"	5.52"
LU36PM15D	#11	35M		1 3/4"	2 1/4"	6.18"
LU43TPM15D	#14	45M		2"	2 3/4"	8.07"
LU57TPM15D	#18	55M		2 3/4"	4"	10.31"

Table 2/2

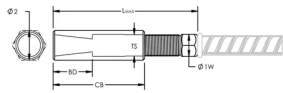
Catalog Number	Bar Depth (BD)	Thread Size (TS)	Unit Weight
LU25PM15D	1.63"	M29	1.3 lb
LU28PM15D	1.71"	M32	2 lb
LU32PM15D	1.84"	M36	2.8 lb
LU36PM15D	2.1"	M40	4 lb
LU43TPM15D	2.71"	M49	8 lb
LU57TPM15D	3.39"	M64	24.1 lb

<b>Designed to Meet:</b>	AASHTO;ABNT NBR 8548:1984;ACI 318 Type 1 (125% Specified Yield);ACI 318 Type 2 (Specified Tensile);ACI 349;ACI 359;AS3600
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## 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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