

## PM09 FEMALE POSITION ASSEMBLY



The nVent LENTON Ultimate PM09 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 PM09 Female Position Assembly is comprised of 3 components: a Male Straight Threaded Stud, a Straight to Taper Coupling Sleeve and a Lock nut. It is used in conjunction with the nVent LENTON MT02 Male Taper Stud for positional/caging connections.

Additionally, the PM09 Female Position Assembly can be used in High Cycle Fatigue applications and exceeds BS 8597 performance requirements with BS 4449 grades B500 B and C reinforcing bar. Contact your LENTON representative for more information.

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

### CERTIFICATIONS

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### FEATURES

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Installs quickly and easily

Utilizes the standard nVent LENTON taper profile

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

No special tools or skills required

Generous axial adjustability

### SPECIFICATIONS

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Finish: Plain

Material: Steel

Catalog Number	Rebar Size, Metric	Rebar Size, US	Rebar Size, Canada	Hex Width(W)	Diameter 1(Ø1)	Diameter 2(Ø2)	Coupler Body(CB)	Length(L)	Bar Depth(BD)	Unit Weight
LU16PM09	16 mm	#5	15M	27 mm		35 mm	95 mm	153 mm Max	39 mm	0.820 kg
LU20PM09	20 mm	#6	20M	30 mm		40 mm	109 mm	178 mm Max	44 mm	1.120 kg
LU25PM09	25 mm	#8	25M		35 mm	50 mm	116 mm	185 mm Max	49 mm	1.890 kg
LU32PM09	32 mm	#10			45 mm	60 mm	136 mm	219 mm Max	61 mm	3.930 kg
LU40TPM09	40 mm				60 mm	75 mm	162 mm	262 mm Max	77 mm	6.240 kg

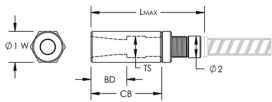
Designed to Meet: AASHTO;ABNT NBR 8548:1984;ACI 318 Type 1 (125% Specified Yield);ACI 318 Type 2 (Specified Tensile);ACI 349;ACI 359;AS3600;BS EN 1992-1-1;BS EN 1992-2;CAN/CSA - N287.2/.3/.4;DIN EN 1992-1-1;Eurocode 2;IBC Type 1 (125% Specified Yield);IBC Type 2 (Specified Tensile);ISO 15835;NEN EN 1992-1-1;NF A 35-020-1;NF EN 1992-1-1;ÖNORM EN 1992-1-1;Sellafield Ltd. Std. ES\_0\_3110;US Army Corps of Engineers;CAN/CSA - A23.3

### 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.

PM09 Female Position Assembly is comprised of MS09 Male Parallel Stud, PT09 Parallel to Taper Coupler and NS09 Locking Nut.

### 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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