

## Position Coupler Selection

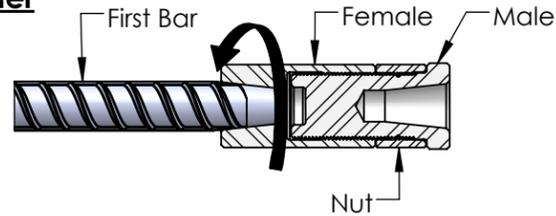
**P9 Family : The second bar must be able to be placed completely into the coupler prior to tightening.**  
**P8 Coupler Family: The P8 has more adjustment than the P9 and can close a gap equivalent to dimension "M" in the table.**

Coupler Size	Bar Size		M	TT
	US	Metric	Inch [mm]	Inch [mm]
EL16P8(N)	#5	16	0.72 [18]	1.58 [40]
EL20P8(N)	#6	20	0.89 [23]	1.98 [50]
EL22P8(N)	#7	22	0.89 [23]	2.15 [55]
EL25P8(N)	#8	25	0.88 [22]	2.24 [57]
EL28P8(N)	#9	28	0.89 [23]	2.38 [60]
EL32P8(N)	#10	32	0.89 [23]	2.47 [63]
EL36P8(N)	#11	36	0.89 [23]	2.57 [65]
EL38P8(N)N	-	38	0.44 [11]	2.61 [66]
EL40P8(N)N	-	40	1.14 [29]	3.31 [84]
EL43TP8(N)	#14	43	1.50 [38]	3.70 [94]
EL57TP8(N)	#18	57	1.50 [38]	4.31 [109]

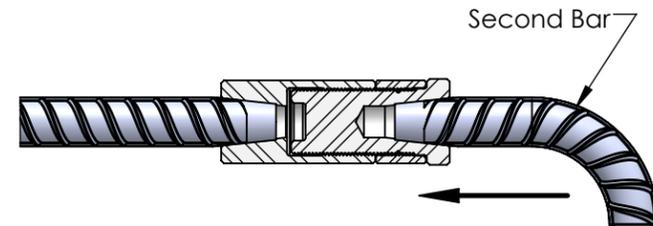
Dimensions are Nominal

### Installation P9 Coupler

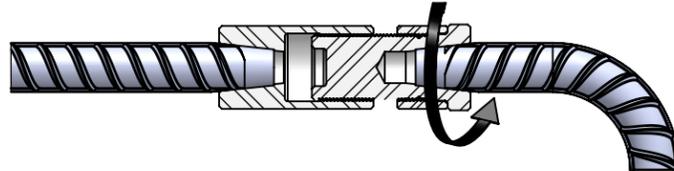
1. Rotate the female end of the coupler onto the first reinforcing bar and tighten according to the settings in the instruction sheet (PDF051).



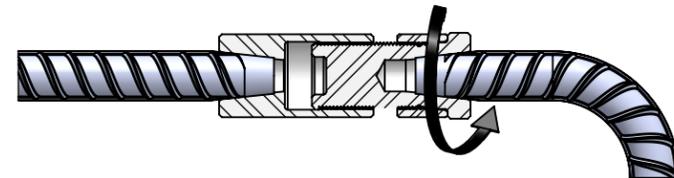
2. Push the second reinforcing bar into the coupler as far as possible.



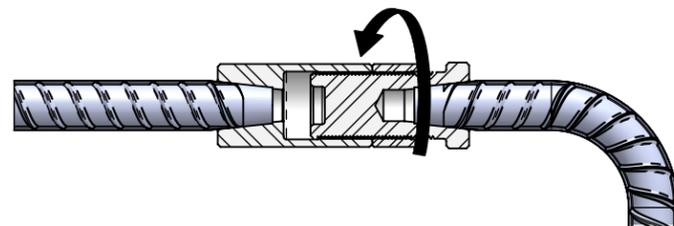
3. Rotate the male part of the coupler out onto the second reinforcing bar.



4. Tighten the male part fully onto the second reinforcing bar according to the settings in the instruction sheet (PDF051).



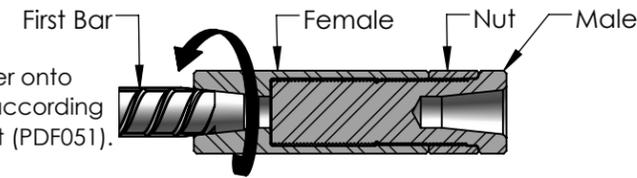
5. Rotate the nut back to the female coupler body and tighten to the same settings in the instruction sheet (PDF051).



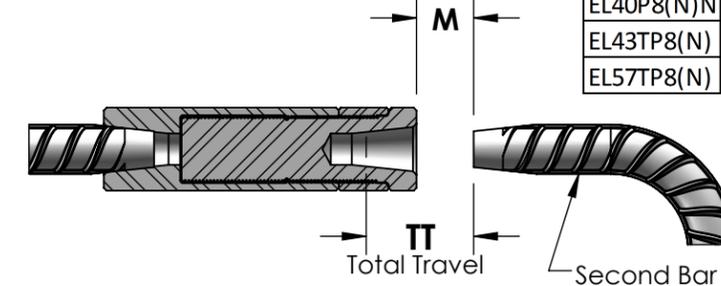
⚠ Ensure that the groove in the thread of the male part can not be seen. Refer to PDF051.

### Installation P8 Coupler

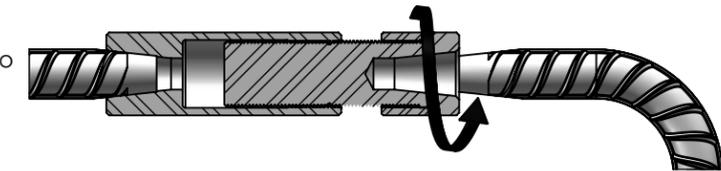
1. Rotate the female end of the coupler onto the first reinforcing bar and tighten according to the settings in the instruction sheet (PDF051).



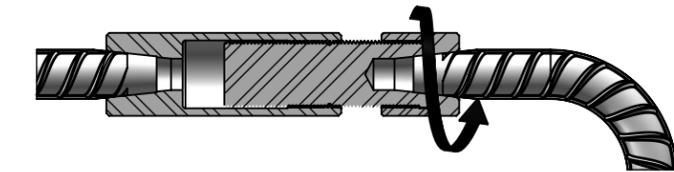
2. Bring the second reinforcing bar into the coupler or ensure that the gap between the coupler and the bar is not greater than the maximum gap allowed (M).



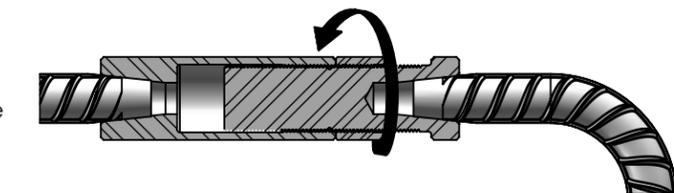
3. Rotate the male part of the coupler out onto the second reinforcing bar.



4. Tighten the male part fully onto the second reinforcing bar according to the settings in the instruction sheet (PDF051).



5. Rotate the nut back to the female coupler body and tighten to the same settings in the instruction sheet (PDF051).



⚠ Ensure that the groove in the thread of the male part can not be seen. Refer to PDF051.

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- nVent products shall be installed and used only as indicated in nVent 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.
- nVent products must never be used for a purpose other than the purpose for which they were designed or in a manner that exceeds specified load ratings.
- All instructions must be completely followed to ensure proper and safe installation and performance.
- 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/or death, and void your warranty.

**The customer is responsible for:**

- Conformance to all governing codes.
- The integrity of structures to which the products are attached, including their capability of safely accepting the loads imposed, as evaluated by a qualified engineer.
- Using appropriate industry standard hardware as noted above.

**SAFETY INSTRUCTIONS:**

All governing codes and regulations and those required by the job site must be observed. Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

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TECHNICAL SUPPORT:  
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B	REBRANDING	1014907	02MAR18	JLC	MNB	ADM	-	-
REV	DESCRIPTION	EN #	DATE	DRN	CHK	APP	QA	MFG
Tolerance (Inch) Unless Noted					Third Angle Projection			
Angular Tolerance: ±N/A°		Title: INSTALLATION COMPARISON P8 AND P9 POSITION COUPLERS						
Fractional Tolerance: ±N/A								
Two Place Decimal: ±N/A								
Three Place Decimal: ±N/A		Scale		DWG		CRSELP		REV
B Size	SHT 1	Of 1	None				B	

