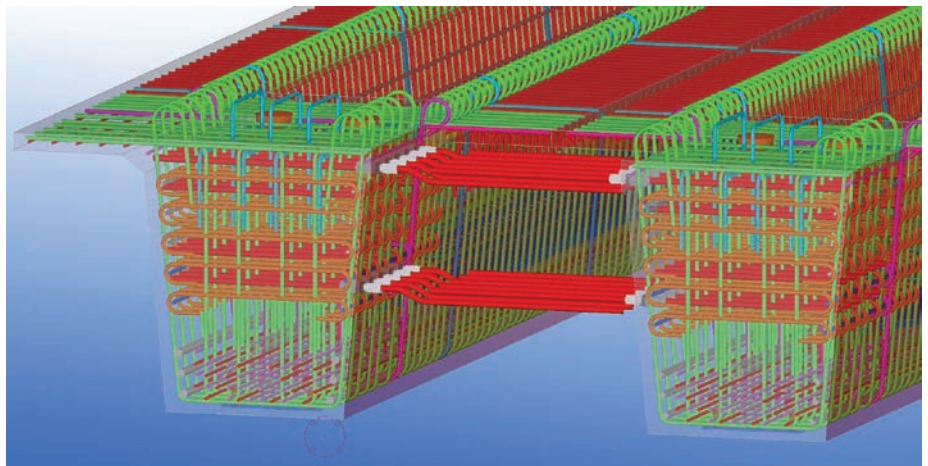


Working With nVent LENTON Plus Position Couplers

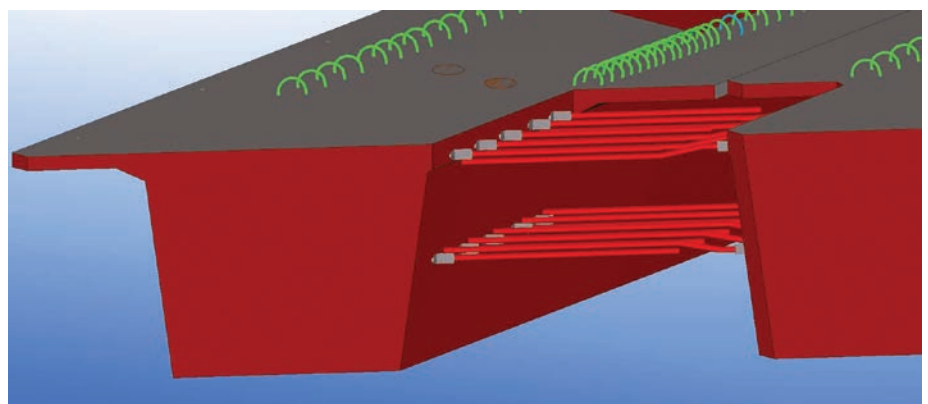
SITE INSTALLATION PROCESS - CROSS GIRDER CONNECTION SYSTEM

WHY USE NVENT LENTON POSITION COUPLER?

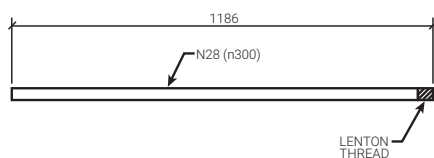
- Value Engineering - simplifying things for the head contractor to steel fixer.
- Precast concrete details easier and more cost effective.
- We have maintained the original and simple Super-T cross girder bar coupling detail. The introduction of a nVent LENTON Position coupler in-lieu of a standard coupler, has eliminated all site related issues within the cross girder.
- nVent LENTON Position couplers provide perfect connection accuracy, together with full bar engagement, allowing the joggle bar to be locked into position at any point on the clock-face.
- nVent LENTON Terminator Bar End Anchor System.



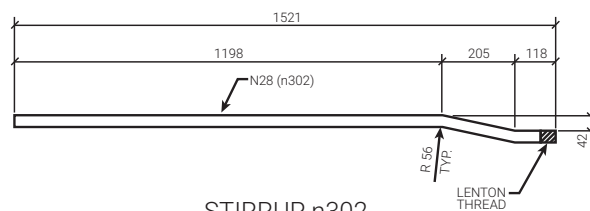
nVent LENTON Position Coupler EL28P14LN Model-A Enhancement Solution Square



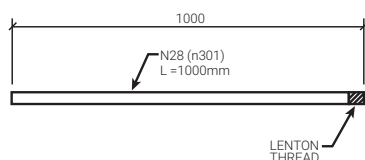
nVent LENTON Position Coupler EL28P14LN Model-A Enhancement Solution for Large Skew 45 Degrees



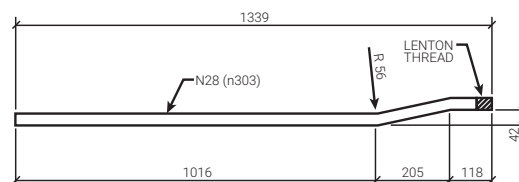
STIRRUP n300
(TOTAL OFF REQUIRED = 90)



STIRRUP n302
(TOTAL OFF REQUIRED = 90)

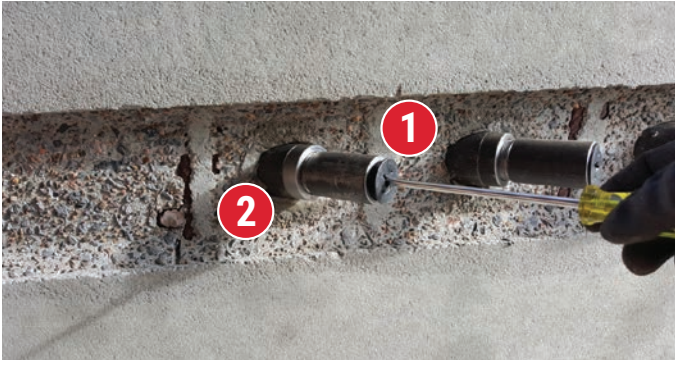


STIRRUP n301
(TOTAL OFF REQUIRED = 45)

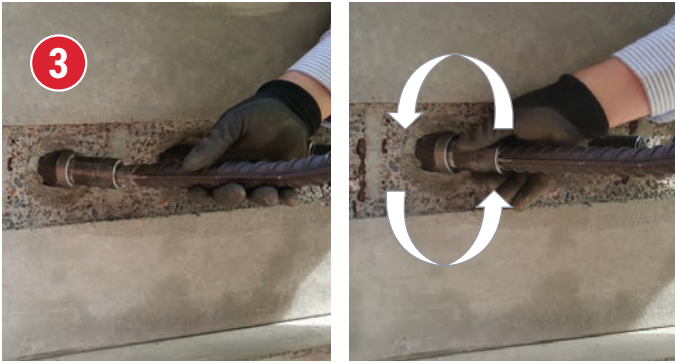


STIRRUP n303
(TOTAL OFF REQUIRED = 45)

ONSITE INSTALLATION SEQUENCE



1. Remove plastic plug.
2. Ensure male metric thread is screwed all the way into female coupler.



3. Hold joggled bar at correct alignment & unscrew male metric end of coupler until nVent LENTON tapered thread locks onto joggle bar.



4. Using two pipe wrenches tighten nVent LENTON Tapered Thread to joggle bar to correct tension (full tension splice now achieved).



5. Ensure satisfactory joggled bar alignment and tighten gauge nut to female metric face of coupler to prevent further rotation or movement.

Note: Gauge nut need only be finger tight.



6. Ensure thread engagement verification groove on metric thread is not visible when gauge nut is positioned hard against female metric end of the coupler. This verifies that there is sufficient metric thread engagement for the coupler to perform as specified.

End of procedure

For more information, visit [nVent.com/LENTON](https://www.nVent.com/LENTON).



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