

NVENT LENTON FORM SAVER ANCHOR



FEATURES

- Replaces lap splice and hooked rebar
- Reduces congestion
- Eases form placement
- Speeds construction
- A factory-installed cap protects internal threads from being filled with concrete/debris
- Manufactured in the US with domestically produced steel
- Available in sizes #4 (12 mm) & #5 (16 mm) in lengths of 6 in, 7 in and 8 in
- Eliminates protruding dowels
- Eliminates holes in formwork

The nVent LENTON Form Saver Anchor mechanical rebar splicing system provides a method of splicing rebar in segmental concrete construction applications that have limited space or rebar congestion. The coupler is friction welded to the headed anchor/shear stud. Typically used in wall applications, the Form Saver Anchor easily attaches to the front wall form panel and fits into the wall reinforcement mat more easily than a hooked rebar. When the form is stripped, the protected threaded end of the coupler is exposed on the wall face. Simply remove the protective cap, insert the nVent LENTON taper threaded dowel bar, and tighten with a standard pipe wrench. This system eliminates hooked bar congestion in walls, protruding dowels and the need to drill holes in expensive formwork. Installation instructions are included with the product.

After Concrete Pour



The form removal is quick and the protective metal disc is easily removed with a screwdriver.

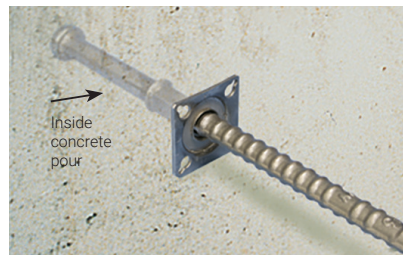


With the disc removed, the clean internal threads are exposed.

Install Rebar



Align nVent LENTON taper threaded dowel bar to the Form Saver Anchor coupler.



Screw in the taper threaded dowel bar and tighten with a pipe wrench.

The Form Saver Anchor system is ideal in situations where space is critical, such as:

- Walls
- Stairwells
- Pre-cast wall panels
- Floor slab-to-wall connections
- Beam column connections

The Form Saver Anchor mechanical rebar splicing system conforms with ASTM® A29/A29M and the headed anchor/shear stud is C-1010/C-1020 AWS D1.1 and ASTM-A108 compliant. The bar-to-coupler connection is recognized by or meets the standards of ACI® 318; IBC®, UBC-97; A.A.S.H.T.O.® Section 8.32.2.3; Concrete Reinforcing Steel Institute; US Army Corp. of Engineers #CW03210; and DOTs including CA, FL, GA, IL, NY, NC and TX.

DIMENSION TABLE

Form Saver Anchor Headed Coupler with Plate & Thread Protection

Bar Size			Part Number	Per Piece Weight	Minimum Embedment*
In./Lb.	US Metric	Part Length			
#4	12	5-3/4"	EP4X6	0.8	4-5/8"
#4	12	6-3/4"	EP4X7	0.9	4-5/8"
#4	12	8-1/8"	EP4X8	1.0	4-5/8"
#5	16	6-1/8"	EP5X6	1.0	5-5/8"
#5	16	7-1/8"	EP5X7	1.1	5-5/8"
#5	16	8-1/8"	EP5X8	1.2	5-5/8"

*Minimum embedment length required to develop 125% of minimum specified yield of ASTM A-615 Grade 60 reinforcing steel in 3000–5000 psi concrete (based on ASME/ACI codes).



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WARNING: nVent products shall be installed and used only as indicated in nVent product instruction sheets and training materials. Instruction sheets are available at nVent.com/ERICO and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent instructions and warnings may cause product malfunction, property damage, serious bodily injury and/or death, and void your warranty.

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