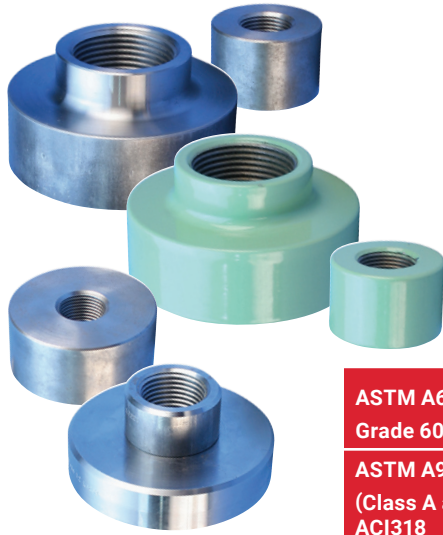


nVent LENTON Terminator Performance Matrix for ASTM® Reinforcing Steels

INCLUDING PLAIN, EPOXY COATED AND GALVANIZED BARS



- Replaces conventional hooked reinforcing bar
- Simplifies reinforcing bar placement and lowers placing costs
- Reduces bar congestion
- Meets or exceeds required building codes
- Multiple coatings available

Terminator
5X Head Size (Net Area $\geq 4A_b$)

| ASTM A615 & A706 Grade 60 | ASTM A615 Grade 75 | ASTM A615 & A706 Grade 80 | ASTM A615 Grade 100 |
|--|--|--|--|
| ASTM A970 (Class A and HA), ACI318 | ASTM A970 (Class A and HA), ACI318 | ASTM A970 (Class A and HA), ACI318 | ASTM A970 (Class A and HA), ACI318 |
| D6 | D6 | D6 | D16 |
| D14 | D14 | D14 | D14 |

Terminator
10X Head Size (Net Area $\geq 9A_b$)

Notes:

- Terminator headed bar systems comply with the requirements of 2009, 2012 and 2015 editions of ASTM A970 Class A.
- The D6, D14, and D16 families of Terminator meet all requirements of ASTM A970 Class HA including head dimensions and tensile requirements.
- Terminator headed bar systems also comply with the requirements of the 2005, 2008, 2011 and 2014 editions of ACI 318 and the 2006, 2009, 2012 and 2015 editions of IBC.

Definitions:

A_b = Area of the bar (rebar).

Net Area = The full area of the Terminator head minus the area of the bar (A_b).

ASTM A970/A970M-15 Tensile Requirements:

- Class A and HA – Develop the minimum specified tensile strength of the reinforcing bar.
- Class B – Develop the minimum specified tensile strength and the minimum specified elongation of the reinforcing bar.
- Contact your nVent representative to discuss the correct product/process to meet ASTM A970 Class B requirements.

ASTM A970/A970M-15 Class HA Head Dimensions:

- The net bearing area of the head shall not be less than four times the nominal cross-sectional area of the bar.

Project Specifications:

- Headed Bars shall be of the nVent LENTON type, taper-threaded and positive locking. Headed bars shall be classified as Class HA per ASTM A970, Appendix A1, shall be capable of developing 100% of the specified tensile strength (f_u) of the reinforcing bar, and shall be manufactured to conform to the specifications of Appendix A1.



Our powerful portfolio of brands:

CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER

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 nVent.com/ERICO 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/or death, and void your warranty.

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