

nVent LENTON Form Saver Anchor



The nVent LENTON Form Saver Anchor mechanical reinforcing bar splicing system provides a method of splicing reinforcing bar in segmental concrete construction applications that have limited space or are severely congested. The coupler is friction forged to the headed anchor/shear stud.

Typically used in wall applications, the nVent LENTON Form Saver Anchor easily attaches to the front wall form panel and fits into the wall reinforcement mat more easily than a hooked reinforcing bar. When the form is stripped, the protected threaded end of the coupler is exposed on the wall face. Simply remove the protective cap, install the nVent LENTON taper threaded dowel bar. This system eliminates hooked bar congestion, protruding dowels and the need to drill holes in expensive formwork.

FEATURES

The headed anchor/shear stud is C-1010/C-1020 AWS D1.1 and ASTM®-A108 compliant

Durable mounting plates allow for easy attachment to forms

Built-in thread cover or screw-in plug protects internal threads from concrete paste contamination

SPECIFICATIONS

Finish: Plain

Material: Steel

Table 1/2

Catalog Number	Rebar Size, Metric	Rebar Size, US	Rebar Size, Canada	Hex Width (W)	Diameter 1 (Ø1)	Diameter 2 (Ø2)
EP4X6	12 mm	#4	10M	22 mm	16 mm	32 mm
EP4X7	12 mm	#4	10M	22 mm	16 mm	32 mm
EP4X8	12 mm	#4	10M	22 mm	16 mm	32 mm
EP5X6	16 mm	#5	15M	22 mm	19 mm	32 mm

CatalogNumber	Rebar Size, Metric	Rebar Size, US	Rebar Size, Canada	Hex Width (W)	Diameter 1(Ø1)	Diameter 2(Ø2)
EP5X7	16 mm	#5	15M	22 mm	19 mm	32 mm

Table 2/2

Catalog Number	Height (H)	Length (L)	Bar Depth (BD)	Coupler Body (CB)	Unit Weight
EP4X6	57 mm	146mm	21mm	43mm	0.36 kg
EP4X7	57 mm	172mm	21mm	43mm	0.41 kg
EP4X8	57 mm	206mm	21mm	43mm	0.45 kg
EP5X6	57 mm	156mm	29mm	49mm	0.45 kg
EP5X7	57 mm	181mm	29mm	49mm	0.51 kg

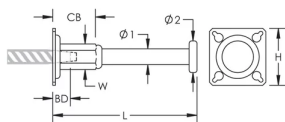
Designed to Meet: AASHTO;ACI 318 Type 1 (125% Specified Yield);CAN/CSA - N287.2/.3/.4;IBC Type 1 (125% Specified Yield);US Army Corps of Engineers;CAN/CSA - A23.3

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.

Minimum embedment length required to develop 125% of minimum specified yield on ASTM® A-615 Grade 60 reinforcing steel in 3000–5000 psi (20-30 MPa) concrete (based on ASME/ACI codes).

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 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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