

S4 Imperial UNC Parallel Bolt Coupler, Stainless Steel



Stainless steel couplers are specified whenever corrosive environmental conditions combine with the need for high load-bearing strength. nVent LENTON stainless steel couplers are commonly used when the construction materials may come into contact with de-icing salts, salt water or marine environments. Typical applications include bridges and bridge decks.

FEATURES

Provides continuity between reinforcing bar and imperial UNC all-thread rod or bolts

May be used to anchor load-bearing equipment to foundations, columns or walls

Machined from non-weldable grades of material, but can be tack welded

SPECIFICATIONS

Table 1/2

Catalog Number	Material	Finish	Rebar Size, Metric	Rebar Size, US	Rebar Size, Canada	Diameter (Ø)
EL16S4ANSS	Steel, Stainless Steel Duplex 2205 (EN 1.4462)	Plain	16 mm	#5	15M	35 mm

Table 2/2

Catalog Number	Length (L)	A	Bar Depth (BD)	Thread Size (TS)	Thread Depth (TD)	Unit Weight
EL16S4ANSS	65mm	37 mm	22mm	5/8" UNC	24mm	0.41 kg

Designed to Meet:

AASHTO;ABNT NBR 8548:1984;ACI 318 Type 1 (125% Specified Yield);ACI 318 Type 2 (Specified Tensile);ACI 349;ACI 359;AS3600

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.

Coupler supplied without bolt.

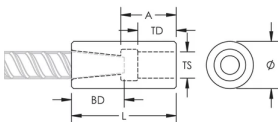
Bolt may be replaced by threaded rod of same class/grade.

All calculations based on a minimum bolt engagement equal to Thread Depth (TD).

System Capacity based on bolt to coupler connection. For rebar to coupler connection, refer to applicable building codes and approvals or contact your nVent LENTON representative.

Bolt-to-Coupler Capacity			
Part Number	Grade 2	Grade 5	Grade 8
EL16S4ANSS	61.1 kN	122.1 kN	152.6 kN

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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