

C3SW Side Weldable Half-Coupler, Flat



FEATURES

Designed for connecting reinforcing bar parallel to structural steel sections or plates

Machined from weldable grades of steel

SPECIFICATIONS

Finish: Plain

Material: Steel

| Table 1/2 | | | | | | | | |
|-------------------|-----------------------|----------------|-----------------------|--------------|------------|---------------|--|--|
| Catalog Number | Rebar Size, Metric | Rebar Size, US | Rebar Size, Canada | Diameter (Ø) | Length (L) | Height 1 (H1) | | |
| EL20C3SWN | 20 mm | #6 | 20M | 50 mm | 108mm | 45mm | | |
| EL25C3SWN | 25 mm | #8 | 25M | 50 mm | 118mm | 48mm | | |
| EL28C3SWN | 28 mm | #9 | 30M | 60 mm | 118mm | 56mm | | |
| EL32C3SWN | 32 mm | #10 | | 60 mm | 118mm | 56mm | | |
| EL36C3SWN | 36 mm | #11 | 35M | 80 mm | 118mm | 69mm | | |

| Table 2/2 | | | | | | | |
|----------------|---------------|----------------|-------------|--|--|--|--|
| Catalog Number | Height 2 (H2) | Bar Depth (BD) | Unit Weight | | | | |

| EL20C3SWN | 19mm | 28mm | 1.52 kg |
|-----------|------|------|---------|
| EL25C3SWN | 21mm | 34mm | 1.63 kg |
| EL28C3SWN | 25mm | 38mm | 2.33 kg |
| EL32C3SWN | 25mm | 40mm | 2.25 kg |
| EL36C3SWN | 30mm | 43mm | 3.88 kg |

Designed to

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

Meet:

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.

The design of the weld, the selection of electrode, and other relevant choices depend on the chemical and physical properties of the structural steel to which the couplers are welded. Engineers who design assemblies should adhere to all appropriate regulations.

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.

North America

+1.800.753.9221 Option 1 – Customer Care Option 2 – Technical Support

Europe

Netherlands: +31 800-0200135 France: +33 800 901 793

Europe

Germany: 800 1890272 Other Countries: +31 13 5835404

APAC

Shanghai: + 86 21 2412 1618/19 Sydney:

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