

# S13 Metric 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.

## CARACTERÍSTICAS

Provides continuity between reinforcing bar and ISO® 965 metric 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

## ESPECIFICACIONES

**Acabado:** Claro

**Material:** Acero inoxidable dúplex 2205 (EN 1,4462)

**Versión de diseño:** En todo el mundo (materiales disponibles a nivel mundial)

Table 1/2

| Número de catálogo | Tamaño de las barras de armado, métrico | Tamaño de las barras de armado, EE. UU. | Tamaño de armadura, Canadá | Diámetro (Ø) | Longitud (L) | A     |
|--------------------|-----------------------------------------|-----------------------------------------|----------------------------|--------------|--------------|-------|
| EL12S13SSN         | 12 mm                                   | #4                                      | 10M                        | 25.4 mm      | 58mm         | 33 mm |
| EL16S13SSN         | 16 mm                                   | #5                                      | 15M                        | 30 mm        | 68mm         | 37 mm |
| EL20S13SSN         | 20 mm                                   | #6                                      | 20M                        | 35 mm        | 98mm         | 55 mm |
| EL25S13SSN         | 25 mm                                   | #8                                      | 25M                        | 45.8 mm      | 110mm        | 61 mm |

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|--------------------|-----------------------------------------|-----------------------------------------|----------------------------|--------------|--------------|-------|
| EL32S13ASSN        | 32 mm                                   | #10                                     |                            | 55 mm        | 128mm        | 73 mm |
| EL32S13SSN         | 32 mm                                   | #10                                     |                            | 55 mm        | 125mm        | 70 mm |

| Table 2/2          |                              |                      |                           |                 |
|--------------------|------------------------------|----------------------|---------------------------|-----------------|
| Número de catálogo | Profundidad de la barra (BD) | Tamaño de rosca (TS) | Profundidad de rosca (TD) | Peso por unidad |
| EL12S13SSN         | 19mm                         | M16                  | 19mm                      | 0.16 kg         |
| EL16S13SSN         | 24mm                         | M20                  | 23mm                      | 0.49 kg         |
| EL20S13SSN         | 35mm                         | M24                  | 27mm                      | 0.63 kg         |
| EL25S13SSN         | 40mm                         | M30                  | 33mm                      | 0.92 kg         |
| EL32S13ASSN        | 45mm                         | M42                  | 46mm                      | 1.3 kg          |
| EL32S13SSN         | 45mm                         | M39                  | 43mm                      | 1.46 kg         |

## DETALLES ADICIONALES DEL PRODUCTO

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.

Suffix "EE" has been added to some part numbers to clarify design version among regions.

| Bolt-to-Coupler Capacity (kN) |           |           |           |            |            |
|-------------------------------|-----------|-----------|-----------|------------|------------|
| Part Number                   | Grade 4.8 | Grade 5.8 | Grade 8.8 | Grade 10.9 | Grade 12.9 |
| EL12S13SSN                    | 62.7      | 78.3      | 109.8     | 109.8      | 109.8      |
| EL16S13SSN                    | 97.9      | 122.4     | 162.9     | 162.9      | 162.9      |
| EL20S13SSN                    | 141       | 176.3     | 282       | 332.3      | 332.3      |
| EL25S13SSN                    | 224.2     | 280.3     | 448.5     | 560.5      | 560.5      |
| EL32S13ASSN                   | 448.4     | 560.5     | 896.7     | 1120.9     | 1197.1     |
| EL32S13SSN                    | 390.3     | 487.9     | 780.6     | 783.8      | 783.8      |

## DIAGRAMAS



## ADVERTENCIA

Los productos nVent deben instalarse y usarse solo como se indica en las hojas de instrucciones y materiales de capacitación del producto nVent. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. La instalación incorrecta, el mal uso, la aplicación incorrecta u otras fallas en el seguimiento completo de las instrucciones y advertencias de nVent pueden causar el mal funcionamiento del producto, daños a la propiedad, lesiones corporales graves y la muerte y/o anular la garantía.

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