

# SASA Coupler with Mounting Plate, Double-Ended



Used in segmental pour applications. The addition of two form saving plates allows the coupler to be used in keyway applications where the coupler is attached to formwork at both ends. Permanent form saving plates allow easy attachment to the forms, eliminating costly damage to the forms.

## FEATURES

Designed to splice the same diameter bars where both bars can be rotated and they are not restricted in their axial direction

Durable mounting plates allow for easy attachment to forms

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

Available in customer specified lengths

## SPECIFICATIONS

**Finish:** Plain

**Material:** Steel

**100% U.S. Domestic Content:** Yes

Table 1/2

| Catalog Number | Mounting Plate Shape | Rebar Size, Metric | Rebar Size, US | Rebar Size, Canada | Diameter (Ø) | Height (H) |
|----------------|----------------------|--------------------|----------------|--------------------|--------------|------------|
| EL25SASA0800   | Square               | 25 mm              | #8             | 25M                | 34 mm        | 57 mm      |
| EL25SASA2400   | Square               | 25 mm              | #8             | 25M                | 34 mm        | 57 mm      |
| EL25SASA3000   | Square               | 25 mm              | #8             | 25M                | 34 mm        | 57 mm      |

| CatalogNumber | Mounting Plate Shape | Rebar Size, Metric | Rebar Size, US | Rebar Size, Canada | Diameter (Ø) | Height (H) |
|---------------|----------------------|--------------------|----------------|--------------------|--------------|------------|
| EL25SASA4800  | Square               | 25 mm              | #8             | 25M                | 34 mm        | 57 mm      |
| EL25SASA5700  | Square               | 25 mm              | #8             | 25M                | 34 mm        | 57 mm      |
| EL25SASA6000  | Square               | 25 mm              | #8             | 25M                | 34 mm        | 57 mm      |
| EL28SASA2400  | Square               | 28 mm              | #9             | 30M                | 38 mm        | 64 mm      |
| EL28SASA2800  | Square               | 28 mm              | #9             | 30M                | 38 mm        | 64 mm      |
| EL28SASA3900  | Square               | 28 mm              | #9             | 30M                | 38 mm        | 64 mm      |
| EL36SASA1200  | Square               | 36 mm              | #11            | 35M                | 48 mm        | 64 mm      |
| EL36SASA1800  | Square               | 36 mm              | #11            | 35M                | 48 mm        | 64 mm      |
| EL36SASA2300  | Square               | 36 mm              | #11            | 35M                | 48 mm        | 64 mm      |
| EL36SASA2400  | Square               | 36 mm              | #11            | 35M                | 48 mm        | 64 mm      |
| EL36SASA3000  | Square               | 36 mm              | #11            | 35M                | 48 mm        | 64 mm      |
| EL36SASA3900  | Square               | 36 mm              | #11            | 35M                | 48 mm        | 64 mm      |
| EL36SASA4400  | Square               | 36 mm              | #11            | 35M                | 48 mm        | 64 mm      |
| EL36SASA7500  | Square               | 36 mm              | #11            | 35M                | 48 mm        | 64 mm      |
| EL36SASA8500  | Square               | 36 mm              | #11            | 35M                | 48 mm        | 64 mm      |
| EL36SASA9100  | Square               | 36 mm              | #11            | 35M                | 48 mm        | 64 mm      |
| EL32SASA3000  | Square               | 32 mm              | #10            |                    | 45 mm        | 64 mm      |
| EL43TSASA2400 | Round                | 43 mm              | #14            | 45M                | 57 mm        | 114 mm     |

| CatalogNumber | Mounting Plate Shape | Rebar Size, Metric | Rebar Size, US | Rebar Size, Canada | Diameter (Ø) | Height (H) |
|---------------|----------------------|--------------------|----------------|--------------------|--------------|------------|
| EL57TSASA2400 | Round                | 57 mm              | #18            | 55M                | 76 mm        | 127 mm     |

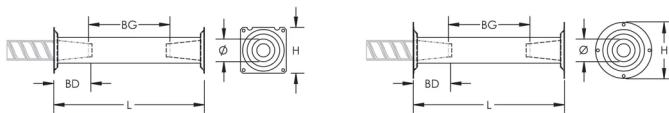
Table 2/2

| Catalog Number | Length (L) | Bar Depth (BD) | Bar Gap (BG) | Unit Weight |
|----------------|------------|----------------|--------------|-------------|
| EL25SASA0800   | 203mm      | 34mm           | 134mm        | 1.23 kg     |
| EL25SASA2400   | 610mm      | 34mm           | 541mm        | 4.23 kg     |
| EL25SASA3000   | 762mm      | 34mm           | 693mm        | 5.41 kg     |
| EL25SASA4800   | 1219mm     | 34mm           | 1150mm       | 8.81 kg     |
| EL25SASA5700   | 1448mm     | 34mm           | 1379mm       | 10.53 kg    |
| EL25SASA6000   | 1524mm     | 34mm           | 1455mm       | 11.1 kg     |
| EL28SASA2400   | 610mm      | 38mm           | 534mm        | 5.04 kg     |
| EL28SASA2800   | 711mm      | 38mm           | 636mm        | 5.95 kg     |
| EL28SASA3900   | 991mm      | 38mm           | 915mm        | 8.51 kg     |
| EL36SASA1200   | 305mm      | 43mm           | 220mm        | 3.35 kg     |
| EL36SASA1800   | 457mm      | 43mm           | 372mm        | 5.61 kg     |
| EL36SASA2300   | 584mm      | 43mm           | 499mm        | 7.37 kg     |
| EL36SASA2400   | 610mm      | 43mm           | 524mm        | 7.61 kg     |
| EL36SASA3000   | 762mm      | 43mm           | 677mm        | 9.74 kg     |
| EL36SASA3900   | 991mm      | 43mm           | 905mm        | 12.94 kg    |

| Catalog Number | Length (L) | Bar Depth (BD) | Bar Gap (BG) | Unit Weight |
|----------------|------------|----------------|--------------|-------------|
| EL36SASA4400   | 1118mm     | 43mm           | 1032mm       | 14.71 kg    |
| EL36SASA7500   | 1905mm     | 43mm           | 1820mm       | 25.72 kg    |
| EL36SASA8500   | 2159mm     | 43mm           | 2074mm       | 29.27 kg    |
| EL36SASA9100   | 2311mm     | 43mm           | 2226mm       | 31.39 kg    |
| EL32SASA3000   | 762mm      | 40mm           | 529mm        | 8.61 kg     |
| EL43TSASA2400  | 610mm      | 56mm           | 498mm        | 11.22 kg    |
| EL57TSASA2400  | 610mm      | 71mm           | 467mm        | 19.19 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

## 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](http://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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