

# Drop-In Anchor



## CERTIFICATIONS



## FEATURES

Internal thread provides easy removal and serviceability

Installs flush or below the base surface

Suitable for redundant non-structural systems on cracked and non-cracked concrete

Fire resistance class R30-R120 for design of anchorages under exposure to fire

## SPECIFICATIONS

Table 1/2

| Catalog Number | Article Number | Material                        | Finish            | Hole Size (HS) | Length (L) | Drill Bit Diameter |
|----------------|----------------|---------------------------------|-------------------|----------------|------------|--------------------|
| CAM6030        | 593180         | Steel                           | Electrogalvanized | 6 mm           | 30mm       | 8mm                |
| CAM8030S6      | 401154         | Stainless Steel 316 (EN 1.4401) |                   | 8 mm           | 30mm       | 10mm               |
| CAM8030        | 593190         | Steel                           | Electrogalvanized | 8 mm           | 30mm       | 10mm               |

| Catalog Number | Article Number | Material                        | Finish            | Hole Size (HS) | Length (L) | Drill Bit Diameter |
|----------------|----------------|---------------------------------|-------------------|----------------|------------|--------------------|
| CAM10040       | 593200         | Steel                           | Electrogalvanized | 10 mm          | 40mm       | 12mm               |
| CAM10040S6     | 401155         | Stainless Steel 316 (EN 1.4401) |                   | 10 mm          | 40mm       | 12mm               |
| CAM12050       | 400415         | Steel                           | Electrogalvanized | 12 mm          | 50mm       | 15mm               |

Table 2/2

| Catalog Number | Article Number | Certifications                                     |
|----------------|----------------|--|
| CAM6030        | 593180         | CE, 14-0135, CE, 14-0068                           |
| CAM8030S6      | 401154         | CE, 14-0068, VdS                                   |
| CAM8030        | 593190         | CE, 14-0135, CE, 14-0068, VdS                      |
| CAM10040       | 593200         | VdS, CE, 14-0068, CE, 14-0135, FM Approved, Anchor |
| CAM10040S6     | 401155         | VdS, CE, 14-0068                                   |
| CAM12050       | 400415         | FM Approved, Anchor, CE, 14-0068, VdS, CE, 14-0135 |

**Characteristic Axial Loads from ETA 14-0135**

| Part Number | Cracked Concrete C20/25 | Non-Cracked Concrete C20/25 | Standard Embedment Depth |
|-------------|-------------------------|-----------------------------|--------------------------|
| CAM6030     | -                       | 2.50 kN                     | 25 mm                    |
| CAM8030     | -                       | 3.30 kN                     | 30 mm                    |
| CAM10040    | -                       | 4.40 kN                     | 40 mm                    |
| CAM12050    | -                       | 6.10 kN                     | 50 mm                    |
| CAM8030S6   | -                       | -                           | -                        |
| CAM10040S6  | -                       | -                           | -                        |

**Characteristic Axial Loads from ETA 14-0068 - for redundant non-structural systems**

| Part Number | Cracked Concrete C20/25 | Non-Cracked Concrete C20/25 | Standard Embedment Depth |
|-------------|-------------------------|-----------------------------|--------------------------|
| CAM6030     | 0.80 kN                 | 0.80 kN                     | 25 mm                    |
| CAM8030     | 1.20 kN                 | 1.20 kN                     | 30 mm                    |
| CAM10040    | 1.70 kN                 | 1.70 kN                     | 40 mm                    |
| CAM12050    | 2.60 kN                 | 2.60 kN                     | 50 mm                    |
| CAM8030S6   | 1.20 kN                 | 1.20 kN                     | 25 mm                    |
| CAM10040S6  | 1.70 kN                 | 1.70 kN                     | 40 mm                    |

## 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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+1.800.753.9221

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Netherlands:

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France:

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### Europe

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