

# Light Duty Expansion Anchor



## CERTIFICATIONS



## FEATURES

Ideal for use with fire rated clips and clamps

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

ETA assessed for anchoring in cracked and non-cracked concrete

## SPECIFICATIONS

Table 1/2

| Catalog Number | Article Number | Material | Finish            | Drill Hole Depth | A        | Drill Bit Diameter (Ø) |
|----------------|----------------|----------|-------------------|------------------|----------|------------------------|
| SCMND          | 800071         | Steel    | Electrogalvanized | 45mm             | 5 mm Max | 6"                     |

Table 2/2

| Catalog Number | Article Number | Hole Size (HS) |
|----------------|----------------|----------------|
| SCMND          | 800071         | 7.2 mm         |

ADDITIONAL PRODUCT DETAILS

Drill Hole Depth represents the maximum depth and should be adjusted based on the thickness of product being fixed.

The maximum load per fixing point for multiple use for non-structural applications may, depending on national regulations, be below the approved load of the anchor. The approved loads per fixing point are regulated for their respective countries in the ETAG 001, Part 6.

Total safety factor as per ETAG 001 included (Ym and Yf).

| Extract from Permissible Service Conditions of ETA-09/0313 |                         |                             |                          |
|------------------------------------------------------------|-------------------------|-----------------------------|--------------------------|
| Multiple use for non-structural applications               |                         |                             |                          |
| Part Number                                                | Cracked Concrete C20/25 | Non-Cracked Concrete C20/25 | Standard Embedment Depth |
| SCMND                                                      | 1.4 kN                  | 1.4 kN                      | 45 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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