

Flanged Drop-in Anchor



CERTIFICATIONS



FEATURES

Internal thread provides easy removal and serviceability

Installs flush for standard embedment

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

Lip makes the flush installation easier by helping achieve consistent anchor depth and easy threaded rod alignment

SPECIFICATIONS

Finish: Electrogalvanized

Material: Steel

Table 1/1

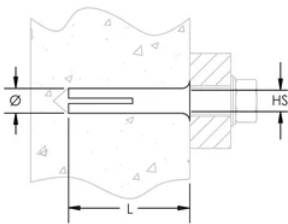
| Catalog Number | Article Number | Hole Size (HS) | Length (L) | Drill Bit Diameter (Ø) | Certifications |
|----------------|----------------|----------------|------------|------------------------|-------------------------------|
| LAM625 | 589890 | 6 mm | 25mm | 8 mm | CE, 14-0135, CE, 14-0068 |
| LAM830 | 574410 | 8 mm | 30mm | 10 mm | CE, 14-0068, VdS, CE, 14-0135 |

| Catalog Number | Article Number | Hole Size (HS) | Length (L) | Drill Bit Diameter (Ø) | Certifications |
|----------------|----------------|----------------|------------|------------------------|-------------------------------|
| LAM1040 | 574420 | 10 mm | 40mm | 12 mm | VdS, CE, 14-0068, CE, 14-0135 |
| LAM1250 | 574430 | 12 mm | 50mm | 15 mm | CE, 14-0135, CE, 14-0068, VdS |

| Characteristic Axial Loads from ETA 14-0135 | | | |
|---|-------------------------|-----------------------------|--------------------------|
| Part Number | Cracked Concrete C20/25 | Non-Cracked Concrete C20/25 | Standard Embedment Depth |
| LAM625 | - | 2.44 kN | 25 mm |
| LAM830 | - | 3.21 kN | 30 mm |
| LAM1040 | - | 4.23 kN | 40 mm |
| LAM1250 | - | 5.92 kN | 50 mm |

| 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 |
| LAM625 | 0.80 kN | 0.80 kN | 25 mm |
| LAM830 | 1.20 kN | 1.20 kN | 30 mm |
| LAM1040 | 1.70 kN | 1.70 kN | 40 mm |
| LAM1250 | 2.60 kN | 2.60 kN | 50 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 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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