

# nVent CADDY Macrofix Insulated Ventilation Duct Clamp



## CERTIFICATIONS



## FEATURES

Complete hanger assembly comes out of the box ready to install (sizes up to 600 mm)

Increased opening angle easily accommodates all standard-sized spiral ducts (sizes up to 600 mm)

Quick locking system prevents the hanger from accidentally opening when duct is moved or adjusted (sizes up to 600 mm)

Quick locking system easily closes with one hand (sizes up to 600 mm)

Thread impression retains quick locking captive screw and prevents it from falling out during installation

Return-lip on the hanger prevents the rubber from detaching, eliminating rework during installation

Combo head bolt works with slotted, hex, or Phillips drivers

Longer ears position the screw farther from the hanger, improving tool clearance when the screw is tightened

Combination nut can be attached to M8 or M10 threaded rod, simplifying material handling

Category II noise reduction according to DIN EN ISO 3822-1

Compliant for sound insulation design according to DIN 4109

Reaction-to-fire classification is "E" in compliance with DIN EN 13501-1

## SPECIFICATIONS

**Temperature:** -50 to 110 °C  
**Finish:** Electrogalvanized  
**Material:** EPDM-SBR Rubber;Steel

Table 1/2

| Catalog Number | Article Number | Outer Diameter (OD) | Rod Size (RS) | Width (W) | Thickness (T) | Screw Diameter (Sc) |
|----------------|----------------|---------------------|---------------|-----------|---------------|---------------------|
| MFVI0125EG     | 586605         | 125 mm              | M8, M10       | 20 mm     | 1 mm          | 6                   |
| MFVI0160EG     | 586608         | 160 mm              | M8, M10       | 20 mm     | 1 mm          | 6                   |
| MFVI0100EG     | 586603         | 100 mm              | M8, M10       | 20 mm     | 1 mm          | 6                   |
| MFVI0080EG     | 586601         | 80 mm               | M8, M10       | 20 mm     | 1 mm          | 6                   |
| MFVI0180EG     | 586609         | 180 mm              | M8, M10       | 20 mm     | 1 mm          | 6                   |
| MFVI0140EG     | 586606         | 140 mm              | M8, M10       | 20 mm     | 1 mm          | 6                   |
| MFVI0150EG     | 586607         | 150 mm              | M8, M10       | 20 mm     | 1 mm          | 6                   |
| MFVI0112EG     | 586604         | 112 mm              | M8, M10       | 20 mm     | 1 mm          | 6                   |
| MFVI0200EG     | 586610         | 200 mm              | M8, M10       | 20 mm     | 1 mm          | 6                   |
| MFVI0224EG     | 586611         | 224 mm              | M8, M10       | 21 mm     | 1.25 mm       | 6                   |
| MFVI0400EG     | 586617         | 400 mm              | M8, M10       | 21 mm     | 1.25 mm       | 6                   |
| MFVI0315EG     | 586615         | 315 mm              | M8, M10       | 21 mm     | 1.25 mm       | 6                   |
| MFVI0280EG     | 586613         | 280 mm              | M8, M10       | 21 mm     | 1.25 mm       | 6                   |
| MFVI0250EG     | 586612         | 250 mm              | M8, M10       | 21 mm     | 1.25 mm       | 6                   |
| MFVI0355EG     | 586616         | 355 mm              | M8, M10       | 21 mm     | 1.25 mm       | 6                   |

| CatalogNumber | Article Number | Outer Diameter (OD) | Rod Size (RS) | Width (W) | Thickness (T) | ScrewDiameter (Sc) |
|---------------|----------------|---------------------|---------------|-----------|---------------|--------------------|
| MFVI0300EG    | 586614         | 300 mm              | M8, M10       | 21 mm     | 1.25 mm       | 6                  |
| MFVI0600EG    | 586621         | 600 mm              | M8, M10       | 21 mm     | 1.5 mm        | 6                  |
| MFVI0450EG    | 586618         | 450 mm              | M8, M10       | 21 mm     | 1.5 mm        | 6                  |
| MFVI0560EG    | 586620         | 560 mm              | M8, M10       | 21 mm     | 1.5 mm        | 6                  |
| MFVI0500EG    | 586619         | 500 mm              | M8, M10       | 21 mm     | 1.5 mm        | 6                  |
| MFVI0800EG    | 586624         | 800 mm              | M8, M10       | 23 mm     | 1.75 mm       | 6                  |
| MFVI0900EG    | 586625         | 900 mm              | M8, M10       | 23 mm     | 1.75 mm       | 6                  |
| MFVI0630EG    | 586622         | 630 mm              | M8, M10       | 23 mm     | 1.75 mm       | 6                  |
| MFVI0710EG    | 586623         | 710 mm              | M8, M10       | 23 mm     | 1.75 mm       | 6                  |
| MFVI1000EG    | 586626         | 1000 mm             | M8, M10       | 23 mm     | 2 mm          | 6                  |
| MFVI1250EG    | 586628         | 1250 mm             | M8, M10       | 23 mm     | 2 mm          | 6                  |
| MFVI1120EG    | 586627         | 1120 mm             | M8, M10       | 23 mm     | 2 mm          | 6                  |

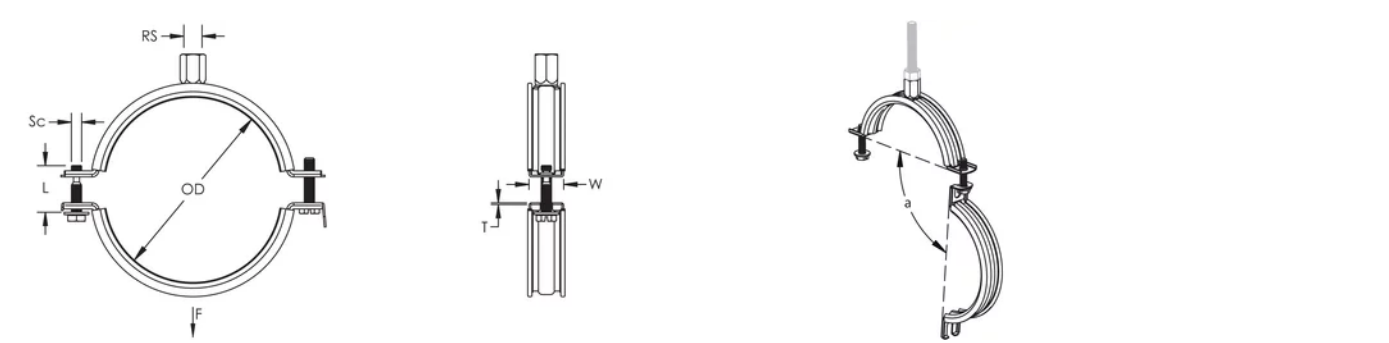
Table 2/2

| Catalog Number | Article Number | Screw Length (L) | Angle (a) | Static Load |
|----------------|----------------|------------------|-----------|-------------|
| MFVI0125EG     | 586605         | 27mm             | 80 °      | 775N        |
| MFVI0160EG     | 586608         | 40mm             | 80 °      | 775N        |
| MFVI0100EG     | 586603         | 27mm             | 80 °      | 775N        |
| MFVI0080EG     | 586601         | 27mm             | 80 °      | 775N        |
| MFVI0180EG     | 586609         | 40mm             | 80 °      | 775N        |

| Catalog Number | Article Number | Screw Length (L) | Angle (a) | Static Load |
|----------------|----------------|------------------|-----------|-------------|
| MFVI0140EG     | 586606         | 40mm             | 80 °      | 775N        |
| MFVI0150EG     | 586607         | 40mm             | 80 °      | 775N        |
| MFVI0112EG     | 586604         | 27mm             | 80 °      | 775N        |
| MFVI0200EG     | 586610         | 40mm             | 80 °      | 775N        |
| MFVI0224EG     | 586611         | 40mm             | 80 °      | 1000N       |
| MFVI0400EG     | 586617         | 40mm             | 80 °      | 1000N       |
| MFVI0315EG     | 586615         | 40mm             | 80 °      | 1000N       |
| MFVI0280EG     | 586613         | 40mm             | 80 °      | 1000N       |
| MFVI0250EG     | 586612         | 40mm             | 80 °      | 1000N       |
| MFVI0355EG     | 586616         | 40mm             | 80 °      | 1000N       |
| MFVI0300EG     | 586614         | 40mm             | 80 °      | 1000N       |
| MFVI0600EG     | 586621         | 40mm             | 80 °      | 1400N       |
| MFVI0450EG     | 586618         | 40mm             | 80 °      | 1400N       |
| MFVI0560EG     | 586620         | 40mm             | 80 °      | 1400N       |
| MFVI0500EG     | 586619         | 40mm             | 80 °      | 1400N       |
| MFVI0800EG     | 586624         | 40mm             |           | 1900N       |
| MFVI0900EG     | 586625         | 40mm             |           | 1900N       |
| MFVI0630EG     | 586622         | 40mm             |           | 1900N       |

| Catalog Number | Article Number | Screw Length (L) | Angle (a) | Static Load |
|----------------|----------------|------------------|-----------|-------------|
| MFVI0710EG     | 586623         | 40mm             |           | 1900N       |
| MFVI1000EG     | 586626         | 40mm             |           | 2200N       |
| MFVI1250EG     | 586628         | 40mm             |           | 2200N       |
| MFVI1120EG     | 586627         | 40mm             |           | 2200N       |

### 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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