

# Improved nVent CADDY Cat HP J-Hook with Hammer-On Flange Clip

The Improved nVent CADDY Cat HP J-Hook with Hammer-On Flange Clip is an innovative assembly featuring a combination of the Improved nVent CADDY Cat HP J-Hook with a Hammer-On Flange Clip attachment. This solution attaches easily to beam flanges, and reduces the need for screws and rivets, dramatically reducing installation time and improving productivity. Engineered for high-performance data cable management, this system supports Cat 5e, Cat 6, Cat 6A, Cat 7, and fiber optic cables with superior fill capacity and load ratings compared to most non-continuous alternatives. The Assemblies' rounded edges ensure proper bend radius support, protecting cable integrity and optimizing performance.

## FEATURES

Requires only a hammer to install

Versa-Mount Technology: Innovative attachment design provides multiple structural and installation methods for wall, ceiling, and threaded rod mounting applications

Improved design allows for optimized inventory, reducing job site scheduling risks associated with multiple SKUs

Provides optimal support for high-performance data cable—including category cable, Power over Ethernet (PoE), and fiber optic

Complies with EN 50174-2

Meets ISO®/IEC 14763-2, ANSI®/TIA 568 and ANSI®/TIA 569



**BABA**



## SPECIFICATIONS

Table 1/2

| Catalog Number                                                                                  | Material            | Finish                            | Diameter | Area                | Cable Capacity, Cat 5e | Cable Capacity, Cat 6 |
|-------------------------------------------------------------------------------------------------|---------------------|-----------------------------------|----------|---------------------|------------------------|-----------------------|
| CAT16HP58SM  | Steel, Spring Steel | Pregalvanized, nVent CADDY Armour | 1"       | 1.07in <sup>2</sup> | 20                     | 15                    |

| Catalog Number                                                                                   | Material            | Finish                            | Diameter | Area                 | Cable Capacity, Cat 5e | Cable Capacity, Cat 6 |
|--------------------------------------------------------------------------------------------------|---------------------|-----------------------------------|----------|----------------------|------------------------|-----------------------|
| CAT16HP912SM    | Steel, Spring Steel | Pregalvanized, nVent CADDY Armour | 1"       | 1.07in <sup>2</sup>  | 20                     | 15                    |
| CAT16HP24SM     | Steel, Spring Steel | Pregalvanized, nVent CADDY Armour | 1" Min   | 1.07in <sup>2</sup>  | 20                     | 15                    |
| CAT21HP24SM     | Steel, Spring Steel | Pregalvanized, nVent CADDY Armour | 1.3125"  | 2.29in <sup>2</sup>  | 50                     | 40                    |
| CAT21HP912SM    | Steel, Spring Steel | Pregalvanized, nVent CADDY Armour | 1.3125"  | 2.29in <sup>2</sup>  | 50                     | 40                    |
| CAT21HP58SM     | Steel, Spring Steel | Pregalvanized, nVent CADDY Armour | 1.3125"  | 2.29in <sup>2</sup>  | 50                     | 40                    |
| CAT32HP58SM     | Steel, Spring Steel | Pregalvanized, nVent CADDY Armour | 2"       | 3.97in <sup>2</sup>  | 90                     | 60                    |
| CAT32HP24SM     | Steel, Spring Steel | Pregalvanized, nVent CADDY Armour | 2"       | 3.97in <sup>2</sup>  | 90                     | 60                    |
| CAT32HP912SM    | Steel, Spring Steel | Pregalvanized, nVent CADDY Armour | 2"       | 3.97in <sup>2</sup>  | 90                     | 60                    |
| CAT48HP24SM     | Steel, Spring Steel | Pregalvanized, nVent CADDY Armour | 3"       | 9.26in <sup>2</sup>  | 200                    | 150                   |
| CAT48HP912SM   | Steel, Spring Steel | Pregalvanized, nVent CADDY Armour | 3"       | 9.26in <sup>2</sup>  | 200                    | 150                   |
| CAT48HP58SM   | Steel, Spring Steel | Pregalvanized, nVent CADDY Armour | 3"       | 9.26in <sup>2</sup>  | 200                    | 150                   |
| CAT64HP24SM   | Steel, Spring Steel | Pregalvanized, nVent CADDY Armour | 4"       | 15.48in <sup>2</sup> | 330                    | 220                   |
| CAT64HP58SM   | Steel, Spring Steel | Pregalvanized, nVent CADDY Armour | 4"       | 15.48in <sup>2</sup> | 330                    | 220                   |
| CAT64HP912SM  | Steel, Spring Steel | Pregalvanized, nVent CADDY Armour | 4"       | 15.48in <sup>2</sup> | 330                    | 220                   |

Table 2/2

| Catalog Number                                                                                   | Cable Capacity, Cat 6A | Flange Thickness | Static Load |
|--------------------------------------------------------------------------------------------------|------------------------|------------------|-------------|
| CAT16HP58SM   | 10                     | 0.3" - 0.5"      | 60lbf       |
| CAT16HP912SM  | 10                     | 0.50" - 0.75"    | 60lbf       |
| CAT16HP24SM   | 10                     | 0.125"           | 60lbf       |
| CAT21HP24SM   | 25                     | 0.125"           | 60lbf       |
| CAT21HP912SM  | 25                     | 0.50" - 0.75"    | 60lbf       |
| CAT21HP58SM   | 25                     | 0.3" - 0.5"      | 60lbf       |
| CAT32HP58SM   | 35                     | 0.3" - 0.5"      | 60lbf       |
| CAT32HP24SM   | 35                     | 0.125"           | 60lbf       |

| Catalog Number                                                                                 | Cable Capacity, Cat 6A | Flange Thickness | Static Load |
|------------------------------------------------------------------------------------------------|------------------------|------------------|-------------|
| CAT32HP912SM  | 35                     | 0.50" - 0.75"    | 60lbf       |
| CAT48HP24SM   | 80                     | 0.125"           | 60lbf       |
| CAT48HP912SM  | 80                     | 0.50" - 0.75"    | 60lbf       |
| CAT48HP58SM   | 80                     | 0.3" - 0.5"      | 60lbf       |
| CAT64HP24SM   | 140                    | 0.125"           | 60lbf       |
| CAT64HP58SM   | 140                    | 0.3" - 0.5"      | 60lbf       |
| CAT64HP912SM  | 140                    | 0.50" - 0.75"    | 60lbf       |

## 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.

### North America

+1.800.753.9221  
Option 1 – Customer Care  
Option 2 – Technical  
Support

### Europe

Netherlands:  
+31 800-0200135  
France:  
+33 800 901 793

### Europe

Germany:  
800 1890272  
Other Countries:  
+31 13 5835404

### APAC

Shanghai:  
+ 86 21 2412 1618/19  
Sydney:  
+61 2 9751 8500



Our powerful portfolio of brands:

**CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE**

