

# HD NI Heavy Duty Pipe Clamp, Fire/Sprinkler



## CERTIFICATIONS



## FEATURES

Fillet welded connector nut has flats to accommodate spanners

## SPECIFICATIONS

**Material:** Steel

Table 1/3

| Catalog Number | Article Number | Nut Included | Finish             | Outer Diameter (OD) | NB/DN | Rod Size (RS) |
|----------------|----------------|--------------|--------------------|---------------------|-------|---------------|
| HDN019HD       | 575001         | Yes          | Hot-Dip Galvanized | 15 - 19 mm          | 10    | M8, M10       |
| HDN024         | 577002         | Yes          | Electrogalvanized  | 20 - 24 mm          | 15    | M8, M10       |
| HDN024HD       | 575002         | Yes          | Hot-Dip Galvanized | 20 - 24 mm          | 15    | M8, M10       |
| HDN030         | 577003         | Yes          | Electrogalvanized  | 25 - 30 mm          | 20    | M8, M10       |

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|---------------|----------------|--------------|--------------------|---------------------|-------|---------------|
| HDN030HD      | 575003         | Yes          | Hot-Dip Galvanized | 25 - 30 mm          | 20    | M8, M10       |
| HDN035        | 577004         | Yes          | Electrogalvanized  | 31 - 35 mm          | 25    | M8, M10       |
| HDN035HD      | 575004         | Yes          | Hot-Dip Galvanized | 31 - 35 mm          | 25    | M8, M10       |
| HDN045        | 577006         | Yes          | Electrogalvanized  | 40 - 45 mm          | 32    | M8, M10       |
| HDN045HD      | 575006         | Yes          | Hot-Dip Galvanized | 40 - 45 mm          | 32    | M8, M10       |
| HDN053        | 577007         | Yes          | Electrogalvanized  | 48 - 53 mm          | 40    | M8, M10       |
| HDN053HD      | 575007         | Yes          | Hot-Dip Galvanized | 48 - 53 mm          | 40    | M8, M10       |
| HDN059        | 577008         | Yes          | Electrogalvanized  | 54 - 59 mm          |       | M8, M10       |
| HDN059HD      | 575008         | Yes          | Hot-Dip Galvanized | 54 - 59 mm          |       | M8, M10       |
| HDN065        | 577009         | Yes          | Electrogalvanized  | 60 - 65 mm          | 50    | M8, M10       |
| HDN065HD      | 575009         | Yes          | Hot-Dip Galvanized | 60 - 65 mm          | 50    | M8, M10       |
| HDN072        | 577010         | Yes          | Electrogalvanized  | 61 - 72 mm          |       | M8, M10       |
| HDN081        | 577011         | Yes          | Electrogalvanized  | 76 - 81 mm          | 65    | M10, M12      |
| HDN081HD      | 575011         | Yes          | Hot-Dip Galvanized | 76 - 81 mm          | 65    | M10, M12      |
| HDN094        | 577013         | Yes          | Electrogalvanized  | 88 - 94 mm          | 80    | M10, M12      |
| HDN094HD      | 575013         | Yes          | Hot-Dip Galvanized | 88 - 94 mm          | 80    | M10, M12      |
| HDN102        | 577014         | Yes          | Electrogalvanized  | 95 - 102 mm         |       | M10, M12      |
| HDN108        | 577015         | Yes          | Electrogalvanized  | 102 - 108 mm        |       | M10, M12      |

| CatalogNumber | Article Number | Nut Included | Finish             | Outer Diameter (OD) | NB/DN | Rod Size (RS) |
|---------------|----------------|--------------|--------------------|---------------------|-------|---------------|
| HDN116        | 577016         | Yes          | Electrogalvanized  | 110 - 116 mm        | 100   | M10, M12      |
| HDN116HD      | 575016         | Yes          | Hot-Dip Galvanized | 110 - 116 mm        | 100   | M10, M12      |
| HDN129        | 577018         | Yes          | Electrogalvanized  | 124 - 129 mm        |       | M10, M12      |
| HDN129HD      | 575018         | Yes          | Hot-Dip Galvanized | 124 - 129 mm        |       | M10, M12      |
| HDN140        | 577019         | Yes          | Electrogalvanized  | 133 - 140 mm        |       | M10, M12      |
| HDN146        | 577020         | Yes          | Electrogalvanized  | 140 - 146 mm        | 125   | M12, M16      |
| HDN146HD      | 575020         | Yes          | Hot-Dip Galvanized | 140 - 146 mm        | 125   | M12, M16      |
| HDN155        | 577021         | Yes          | Electrogalvanized  | 149 - 155 mm        |       | M12, M16      |
| HDN165HD      | 575022         | Yes          | Hot-Dip Galvanized | 159 - 165 mm        |       | M12, M16      |
| HDN173        | 577023         | Yes          | Electrogalvanized  | 167 - 173 mm        | 150   | M12, M16      |
| HDN173HD      | 575023         | Yes          | Hot-Dip Galvanized | 167 - 173 mm        | 150   | M12, M16      |
| HDN182        | 577024         | Yes          | Electrogalvanized  | 176 - 182 mm        |       | M12, M16      |
| HDN205        | 577026         | Yes          | Electrogalvanized  | 199 - 205 mm        |       | M12, M16      |
| HDN216        | 577027         | Yes          | Electrogalvanized  | 207 - 216 mm        |       | M12, M16      |
| HDN226        | 577028         | Yes          | Electrogalvanized  | 219 - 226 mm        | 200   | M12, M16      |
| HDN226HD      | 575028         | Yes          | Hot-Dip Galvanized | 219 - 226 mm        | 200   | M12, M16      |
| HDN236        | 577029         | Yes          | Electrogalvanized  | 227 - 236 mm        |       | M16, M20      |
| HDN261        | 577031         | Yes          | Electrogalvanized  | 251 - 261 mm        |       | M16, M20      |

| CatalogNumber | Article Number | Nut Included | Finish             | Outer Diameter (OD) | NB/DN | Rod Size (RS) |
|---------------|----------------|--------------|--------------------|---------------------|-------|---------------|
| HDN273        | 577032         | Yes          | Electrogalvanized  | 267 - 273 mm        | 250   | M16, M20      |
| HDN273HD      | 575032         | Yes          | Hot-Dip Galvanized | 267 - 273 mm        | 250   | M16, M20      |
| HDN316        | 577068         | Yes          | Electrogalvanized  | 305 - 316 mm        |       | M16, M20      |

| Table 2/3      |                |           |               |                     |                            |                  |
|----------------|----------------|-----------|---------------|---------------------|----------------------------|------------------|
| Catalog Number | Article Number | Width (W) | Thickness (T) | Screw Diameter (Sc) | Screw Diameter metric (Sc) | Screw Length (L) |
| HDN019HD       | 575001         | 30 mm     | 2.5 mm        | 6 mm                | M6                         | 30mm             |
| HDN024         | 577002         | 30 mm     | 2.5 mm        | 6 mm                | M6                         | 30mm             |
| HDN024HD       | 575002         | 30 mm     | 2.5 mm        | 6 mm                | M6                         | 30mm             |
| HDN030         | 577003         | 30 mm     | 2.5 mm        | 6 mm                | M6                         | 30mm             |
| HDN030HD       | 575003         | 30 mm     | 2.5 mm        | 6 mm                | M6                         | 30mm             |
| HDN035         | 577004         | 30 mm     | 2.5 mm        | 6 mm                | M6                         | 30mm             |
| HDN035HD       | 575004         | 30 mm     | 2.5 mm        | 6 mm                | M6                         | 30mm             |
| HDN045         | 577006         | 30 mm     | 2.5 mm        | 6 mm                | M6                         | 30mm             |
| HDN045HD       | 575006         | 30 mm     | 2.5 mm        | 6 mm                | M6                         | 30mm             |
| HDN053         | 577007         | 30 mm     | 2.5 mm        | 6 mm                | M6                         | 30mm             |
| HDN053HD       | 575007         | 30 mm     | 2.5 mm        | 6 mm                | M6                         | 30mm             |
| HDN059         | 577008         | 30 mm     | 2.5 mm        | 6 mm                | M6                         | 30mm             |
| HDN059HD       | 575008         | 30 mm     | 2.5 mm        | 6 mm                | M6                         | 30mm             |

| CatalogNumber | Article Number | Width (W) | Thickness (T) | ScrewDiameter (Sc) | ScrewDiameter metric (Sc) | Screw Length (L) |
|---------------|----------------|-----------|---------------|--------------------|---------------------------|------------------|
| HDN065        | 577009         | 30 mm     | 2.5 mm        | 6 mm               | M6                        | 30mm             |
| HDN065HD      | 575009         | 30 mm     | 2.5 mm        | 6 mm               | M6                        | 30mm             |
| HDN072        | 577010         | 30 mm     | 2.5 mm        | 8 mm               | M8                        | 40mm             |
| HDN081        | 577011         | 30 mm     | 3 mm          | 8 mm               | M8                        | 40mm             |
| HDN081HD      | 575011         | 30 mm     | 3 mm          | 8 mm               | M8                        | 40mm             |
| HDN094        | 577013         | 30 mm     | 3 mm          | 8 mm               | M8                        | 40mm             |
| HDN094HD      | 575013         | 30 mm     | 3 mm          | 8 mm               | M8                        | 40mm             |
| HDN102        | 577014         | 30 mm     | 3 mm          | 8 mm               | M8                        | 40mm             |
| HDN108        | 577015         | 30 mm     | 3 mm          | 8 mm               | M8                        | 40mm             |
| HDN116        | 577016         | 30 mm     | 3 mm          | 8 mm               | M8                        | 40mm             |
| HDN116HD      | 575016         | 30 mm     | 3 mm          | 8 mm               | M8                        | 40mm             |
| HDN129        | 577018         | 30 mm     | 3 mm          | 8 mm               | M8                        | 40mm             |
| HDN129HD      | 575018         | 30 mm     | 3 mm          | 8 mm               | M8                        | 40mm             |
| HDN140        | 577019         | 40 mm     | 4 mm          | 8 mm               | M8                        | 40mm             |
| HDN146        | 577020         | 40 mm     | 4 mm          | 10 mm              | M10                       | 40mm             |
| HDN146HD      | 575020         | 40 mm     | 4 mm          | 10 mm              | M10                       | 40mm             |
| HDN155        | 577021         | 40 mm     | 4 mm          | 10 mm              | M10                       | 40mm             |
| HDN165HD      | 575022         | 40 mm     | 4 mm          | 10 mm              | M10                       | 40mm             |

| CatalogNumber | Article Number | Width (W) | Thickness (T) | ScrewDiameter (Sc) | ScrewDiameter metric (Sc) | Screw Length (L) |
|---------------|----------------|-----------|---------------|--------------------|---------------------------|------------------|
| HDN173        | 577023         | 40 mm     | 4 mm          | 10 mm              | M10                       | 40mm             |
| HDN173HD      | 575023         | 40 mm     | 4 mm          | 10 mm              | M10                       | 40mm             |
| HDN182        | 577024         | 40 mm     | 4 mm          | 10 mm              | M10                       | 40mm             |
| HDN205        | 577026         | 40 mm     | 4 mm          | 10 mm              | M10                       | 40mm             |
| HDN216        | 577027         | 40 mm     | 4 mm          | 10 mm              | M10                       | 40mm             |
| HDN226        | 577028         | 40 mm     | 4 mm          | 10 mm              | M10                       | 40mm             |
| HDN226HD      | 575028         | 40 mm     | 4 mm          | 10 mm              | M10                       | 40mm             |
| HDN236        | 577029         | 40 mm     | 4 mm          | 12 mm              | M12                       | 40mm             |
| HDN261        | 577031         | 40 mm     | 4 mm          | 12 mm              | M12                       | 40mm             |
| HDN273        | 577032         | 40 mm     | 4 mm          | 12 mm              | M12                       | 40mm             |
| HDN273HD      | 575032         | 40 mm     | 4 mm          | 12 mm              | M12                       | 40mm             |
| HDN316        | 577068         | 40 mm     | 4 mm          | 12 mm              | M12                       | 40mm             |

Table 3/3

| Catalog Number | Article Number | Static Load | Certifications                                         |
|----------------|----------------|-------------|--------------------------------------------------------|
| HDN019HD       | 575001         | 2000N       |                                                        |
| HDN024         | 577002         | 2000N       | ITB                                                    |
| HDN024HD       | 575002         | 2000N       |                                                        |
| HDN030         | 577003         | 2000N       | VdS G4090030, FM Approved, Pipe Hanger Components, ITB |

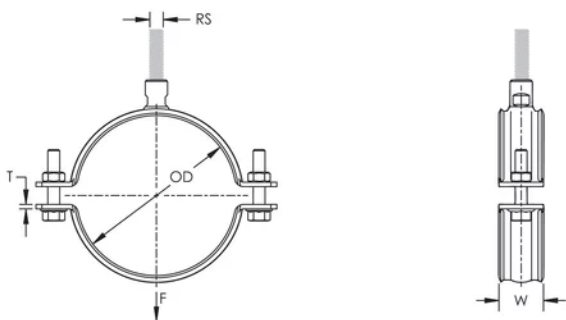
| Catalog Number | Article Number | Static Load | Certifications                                                                                   |
|----------------|----------------|-------------|--------------------------------------------------------------------------------------------------|
| HDN030HD       | 575003         | 2000N       | FM Approved, Pipe Hanger Components, VdS G4090030                                                |
| HDN035         | 577004         | 2000N       | FM Approved, Pipe Hanger Components, VdS G4090030, ITB                                           |
| HDN035HD       | 575004         | 2000N       | FM Approved, Pipe Hanger Components, VdS G4090030                                                |
| HDN045         | 577006         | 2000N       | FM Approved, Pipe Hanger Components, VdS G4090030, ITB                                           |
| HDN045HD       | 575006         | 2000N       | VdS G4090030, FM Approved, Pipe Hanger Components                                                |
| HDN053         | 577007         | 2000N       | ITB, FM Approved, Pipe Hanger Components, VdS G4090030                                           |
| HDN053HD       | 575007         | 2000N       | FM Approved, Pipe Hanger Components, VdS G4090030                                                |
| HDN059         | 577008         | 2000N       | VdS G4090030, ITB                                                                                |
| HDN059HD       | 575008         | 2000N       | VdS G4090030                                                                                     |
| HDN065         | 577009         | 2000N       | VdS G4090030, ITB, FM Approved, Pipe Hanger Components                                           |
| HDN065HD       | 575009         | 2000N       | FM Approved, Pipe Hanger Components, VdS G4090030                                                |
| HDN072         | 577010         | 3500N       | ITB, VdS G4090030                                                                                |
| HDN081         | 577011         | 3500N       | VdS G4090030, AON Fire Protection, BB019, pipe hangers, ITB, FM Approved, Pipe Hanger Components |
| HDN081HD       | 575011         | 3500N       | VdS G4090030, FM Approved, Pipe Hanger Components                                                |
| HDN094         | 577013         | 3500N       | FM Approved, Pipe Hanger Components, ITB, AON Fire Protection, BB019, pipe hangers, VdS G4090030 |

| Catalog Number | Article Number | Static Load | Certifications                                                                                   |
|----------------|----------------|-------------|--------------------------------------------------------------------------------------------------|
| HDN094HD       | 575013         | 3500N       | VdS G4090030, FM Approved, Pipe Hanger Components                                                |
| HDN102         | 577014         | 3500N       | VdS G4090030, AON Fire Protection, BB019, pipe hangers, ITB                                      |
| HDN108         | 577015         | 3500N       | AON Fire Protection, BB019, pipe hangers, VdS G4090030, ITB                                      |
| HDN116         | 577016         | 3500N       | ITB, FM Approved, Pipe Hanger Components, VdS G4090030, AON Fire Protection, BB019, pipe hangers |
| HDN116HD       | 575016         | 3500N       | VdS G4090030, FM Approved, Pipe Hanger Components                                                |
| HDN129         | 577018         | 5000N       | ITB, AON Fire Protection, BB019, pipe hangers, VdS G4090030                                      |
| HDN129HD       | 575018         | 5000N       | VdS G4090030                                                                                     |
| HDN140         | 577019         | 5000N       | VdS G4090030, ITB, AON Fire Protection, BB019, pipe hangers                                      |
| HDN146         | 577020         | 5000N       | AON Fire Protection, BB019, pipe hangers, VdS G4090030, FM Approved, Pipe Hanger Components, ITB |
| HDN146HD       | 575020         | 5000N       | FM Approved, Pipe Hanger Components, VdS G4090030                                                |
| HDN155         | 577021         | 5000N       | VdS G4090030, ITB, AON Fire Protection, BB019, pipe hangers                                      |
| HDN165HD       | 575022         | 5000N       | VdS G4090030                                                                                     |
| HDN173         | 577023         | 5000N       | FM Approved, Pipe Hanger Components, ITB, AON Fire Protection, BB019, pipe hangers, VdS G4090030 |
| HDN173HD       | 575023         | 5000N       | FM Approved, Pipe Hanger Components, VdS G4090030                                                |



| Catalog Number | Article Number | Static Load | Certifications    |
|----------------|----------------|-------------|-------------------|
| HDN182         | 577024         | 8500N       | ITB               |
| HDN205         | 577026         | 8500N       | ITB               |
| HDN216         | 577027         | 8500N       | ITB               |
| HDN226         | 577028         | 8500N       | VdS G4090030, ITB |
| HDN226HD       | 575028         | 8500N       | VdS G4090030      |
| HDN236         | 577029         | 10000N      | ITB               |
| HDN261         | 577031         | 10000N      | ITB               |
| HDN273         | 577032         | 10000N      | ITB, VdS G4090030 |
| HDN273HD       | 575032         | 10000N      | VdS G4090030      |
| HDN316         | 577068         | 10000N      | ITB               |

## 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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