

# USC Universal Strut Clamp for Pipe/Conduit



## FEATURES

Consists of two clamps, nut and bolt

Fits into open side of strut channel

Conforms with Manufacturers Standardization Society (MSS) SP-58 (Type 59)

## SPECIFICATIONS

**Material:** Steel

Table 1/2

| Catalog Number | Article Number | Finish             | Outer Diameter (OD) | NB/DN | Width (W) | Thickness (T) |
|----------------|----------------|--------------------|---------------------|-------|-----------|---------------|
| USC006EG       | 712000         | Electrogalvanized  | 6.4 mm              |       | 32 mm     | 1.5 mm        |
| USC017EG       | 712033         | Electrogalvanized  | 16.5 - 17.8 mm      | 10    | 32 mm     | 1.5 mm        |
| USC017HD       | 712403         | Hot-Dip Galvanized | 16.5 - 17.8 mm      | 10    | 32 mm     | 1.5 mm        |
| USC016EG       | 712030         | Electrogalvanized  | 14.6 - 15.9 mm      |       | 32 mm     | 1.5 mm        |
| USC010EG       | 712010         | Electrogalvanized  | 9.5 mm              |       | 32 mm     | 1.5 mm        |
| USC021EG       | 712045         | Electrogalvanized  | 20.5 - 21.4 mm      | 15    | 32 mm     | 1.5 mm        |

| CatalogNumber | Article Number | Finish             | Outer Diameter (OD) | NB/DN | Width (W) | Thickness (T) |
|---------------|----------------|--------------------|---------------------|-------|-----------|---------------|
| USC020EG      | 712040         | Electrogalvanized  | 17.9 - 20 mm        |       | 32 mm     | 1.5 mm        |
| USC013EG      | 712020         | Electrogalvanized  | 12.7 - 13.7 mm      |       | 32 mm     | 1.5 mm        |
| USC026EG      | 712065         | Electrogalvanized  | 25.4 - 26.9 mm      | 20    | 32 mm     | 1.5 mm        |
| USC025EG      | 712060         | Electrogalvanized  | 23.4 - 25.4 mm      |       | 32 mm     | 1.5 mm        |
| USC022EG      | 712050         | Electrogalvanized  | 21.5 - 22.2 mm      |       | 32 mm     | 1.5 mm        |
| USC033EG      | 712085         | Electrogalvanized  | 32.8 - 33.4 mm      |       | 32 mm     | 1.5 mm        |
| USC033HD      | 712428         | Hot-Dip Galvanized | 32.8 - 33.4 mm      |       | 32 mm     | 1.5 mm        |
| USC031EG      | 712080         | Electrogalvanized  | 29.5 - 32 mm        |       | 32 mm     | 1.5 mm        |
| USC028EG      | 712070         | Electrogalvanized  | 27.9 - 28.9 mm      |       | 32 mm     | 1.5 mm        |
| USC040EG      | 712100         | Electrogalvanized  | 38.4 - 40.6 mm      |       | 32 mm     | 2 mm          |
| USC036EG      | 712090         | Electrogalvanized  | 33.7 - 38.1 mm      | 25    | 32 mm     | 2 mm          |
| USC036HD      | 712430         | Hot-Dip Galvanized | 33.7 - 38.1 mm      | 25    | 32 mm     | 2 mm          |
| USC042EG      | 712105         | Electrogalvanized  | 41.3 - 42.4 mm      | 32    | 32 mm     | 2 mm          |
| USC046EG      | 712110         | Electrogalvanized  | 43 - 45 mm          |       | 32 mm     | 2 mm          |
| USC048EG      | 712115         | Electrogalvanized  | 47.6 - 50 mm        | 40    | 32 mm     | 2 mm          |
| USC048HD      | 712452         | Hot-Dip Galvanized | 47.6 - 50 mm        | 40    | 32 mm     | 2 mm          |
| USC053EG      | 712120         | Electrogalvanized  | 50.3 - 53.7 mm      |       | 32 mm     | 2.5 mm        |
| USC054EG      | 712125         | Electrogalvanized  | 54 - 55 mm          |       | 32 mm     | 2.5 mm        |

| CatalogNumber | Article Number | Finish             | Outer Diameter (OD) | NB/DN | Width (W) | Thickness (T) |
|---------------|----------------|--------------------|---------------------|-------|-----------|---------------|
| USC054HD      | 712458         | Hot-Dip Galvanized | 54 - 55 mm          |       | 32 mm     | 2.5 mm        |
| USC058EG      | 712130         | Electrogalvanized  | 55.8 - 57.2 mm      |       | 32 mm     | 2.5 mm        |
| USC060EG      | 712035         | Electrogalvanized  | 59.5 - 62.2 mm      | 50    | 32 mm     | 2.5 mm        |
| USC063EG      | 712140         | Electrogalvanized  | 62.3 - 64.5 mm      |       | 32 mm     | 2.5 mm        |
| USC068EG      | 712150         | Electrogalvanized  | 66 - 69 mm          |       | 32 mm     | 2.5 mm        |
| USC073EG      | 712160         | Electrogalvanized  | 69.9 - 73 mm        |       | 32 mm     | 2.5 mm        |
| USC076EG      | 712165         | Electrogalvanized  | 75.3 - 76.2 mm      | 65    | 32 mm     | 2.5 mm        |
| USC080EG      | 712170         | Electrogalvanized  | 77.2 - 82.6 mm      |       | 32 mm     | 2.5 mm        |
| USC086EG      | 712180         | Electrogalvanized  | 84.0 - 88.9 mm      | 80    | 32 mm     | 2.5 mm        |
| USC093EG      | 712190         | Electrogalvanized  | 90.0 - 95.3 mm      |       | 32 mm     | 2.5 mm        |
| USC101EG      | 712200         | Electrogalvanized  | 98.4 - 102.6 mm     | 90    | 32 mm     | 2.5 mm        |
| USC107EG      | 712210         | Electrogalvanized  | 104.1 - 110 mm      |       | 32 mm     | 2.5 mm        |
| USC113EG      | 712220         | Electrogalvanized  | 111.1 - 115.3 mm    | 100   | 32 mm     | 2.5 mm        |
| USC121EG      | 712230         | Electrogalvanized  | 117.5 - 123.8 mm    |       | 32 mm     | 2.5 mm        |
| USC129EG      | 712240         | Electrogalvanized  | 127.0 - 130.2 mm    |       | 32 mm     | 2.5 mm        |
| USC135EG      | 712250         | Electrogalvanized  | 133.4 - 136.5 mm    |       | 32 mm     | 2.5 mm        |
| USC143EG      | 712260         | Electrogalvanized  | 139.7 - 146.1 mm    | 125   | 32 mm     | 3 mm          |
| USC152EG      | 712270         | Electrogalvanized  | 149.2 - 154.9 mm    |       | 32 mm     | 3 mm          |

| CatalogNumber | Article Number | Finish             | Outer Diameter (OD) | NB/DN | Width (W) | Thickness (T) |
|---------------|----------------|--------------------|---------------------|-------|-----------|---------------|
| USC159EG      | 712280         | Electrogalvanized  | 155.6 - 162 mm      |       | 32 mm     | 3 mm          |
| USC168EG      | 712290         | Electrogalvanized  | 165.1 - 171.5 mm    | 150   | 32 mm     | 3 mm          |
| USC178EG      | 712300         | Electrogalvanized  | 174.6 - 181 mm      |       | 32 mm     | 3 mm          |
| USC191EG      | 712310         | Electrogalvanized  | 190.5 mm            |       | 32 mm     | 3 mm          |
| USC200EG      | 712320         | Electrogalvanized  | 196.9 - 203.2 mm    |       | 32 mm     | 3 mm          |
| USC208EG      | 712330         | Electrogalvanized  | 204.2 - 212.7 mm    |       | 32 mm     | 3 mm          |
| USC218EG      | 712340         | Electrogalvanized  | 215.9 - 219.1 mm    | 200   | 32 mm     | 3 mm          |
| USC228EG      | 712350         | Electrogalvanized  | 225.0 - 231.1 mm    |       | 32 mm     | 3 mm          |
| USC254EG      | 712360         | Electrogalvanized  | 250.0 - 257.2 mm    |       | 32 mm     | 3 mm          |
| USC277EG      | 712370         | Electrogalvanized  | 273 - 280 mm        | 250   | 32 mm     | 3 mm          |
| USC277HD      | 712530         | Hot-Dip Galvanized | 273 - 280 mm        | 250   | 32 mm     | 3 mm          |
| USC324EG      | 712390         | Electrogalvanized  | 323.9 mm            | 300   | 32 mm     | 3 mm          |
| USC324HD      | 712533         | Hot-Dip Galvanized | 323.9 mm            | 300   | 32 mm     | 3 mm          |

Table 2/2

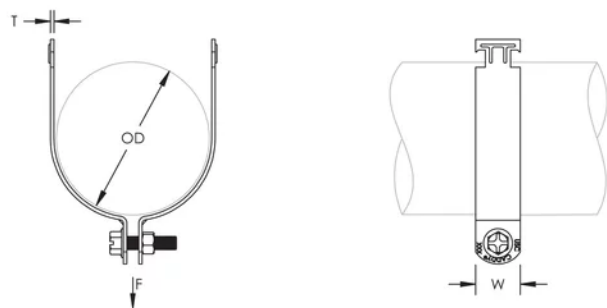
| Catalog Number | Article Number | Static Load |
|----------------|----------------|-------------|
| USC006EG       | 712000         | 2000N       |
| USC017EG       | 712033         | 2000N       |
| USC017HD       | 712403         | 2000N       |
| USC016EG       | 712030         | 2000N       |

| Catalog Number | Article Number | Static Load |
|----------------|----------------|-------------|
| USC010EG       | 712010         | 2000N       |
| USC021EG       | 712045         | 2000N       |
| USC020EG       | 712040         | 2000N       |
| USC013EG       | 712020         | 2000N       |
| USC026EG       | 712065         | 2000N       |
| USC025EG       | 712060         | 2000N       |
| USC022EG       | 712050         | 2000N       |
| USC033EG       | 712085         | 2000N       |
| USC033HD       | 712428         | 2000N       |
| USC031EG       | 712080         | 2000N       |
| USC028EG       | 712070         | 2000N       |
| USC040EG       | 712100         | 2670N       |
| USC036EG       | 712090         | 2670N       |
| USC036HD       | 712430         | 2670N       |
| USC042EG       | 712105         | 2670N       |
| USC046EG       | 712110         | 2670N       |
| USC048EG       | 712115         | 2670N       |
| USC048HD       | 712452         | 2670N       |

| Catalog Number | Article Number | Static Load |
|----------------|----------------|-------------|
| USC053EG       | 712120         | 3780N       |
| USC054EG       | 712125         | 3780N       |
| USC054HD       | 712458         | 3780N       |
| USC058EG       | 712130         | 3780N       |
| USC060EG       | 712035         | 3780N       |
| USC063EG       | 712140         | 3780N       |
| USC068EG       | 712150         | 3780N       |
| USC073EG       | 712160         | 3780N       |
| USC076EG       | 712165         | 3780N       |
| USC080EG       | 712170         | 3780N       |
| USC086EG       | 712180         | 3780N       |
| USC093EG       | 712190         | 3780N       |
| USC101EG       | 712200         | 3780N       |
| USC107EG       | 712210         | 3780N       |
| USC113EG       | 712220         | 3780N       |
| USC121EG       | 712230         | 3780N       |
| USC129EG       | 712240         | 3780N       |
| USC135EG       | 712250         | 3780N       |

| Catalog Number | Article Number | Static Load |
|----------------|----------------|-------------|
| USC143EG       | 712260         | 4000N       |
| USC152EG       | 712270         | 4000N       |
| USC159EG       | 712280         | 4000N       |
| USC168EG       | 712290         | 4000N       |
| USC178EG       | 712300         | 4000N       |
| USC191EG       | 712310         | 4000N       |
| USC200EG       | 712320         | 4000N       |
| USC208EG       | 712330         | 4000N       |
| USC218EG       | 712340         | 4000N       |
| USC228EG       | 712350         | 4000N       |
| USC254EG       | 712360         | 4000N       |
| USC277EG       | 712370         | 4000N       |
| USC277HD       | 712530         | 4000N       |
| USC324EG       | 712390         | 4000N       |
| USC324HD       | 712533         | 4000N       |

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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