

# HD Heavy Duty Pipe Clamp



## FEATURES

Fillet welded connector nut has flats to accommodate spanners

Easy open flange for pipe sizes less than 4"

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

**Material:** Steel;EPDM-SBR Rubber  
**Temperature:** -50 to 110 °C  
**Color:** Black



## SPECIFICATIONS

Table 1/4

| Catalog Number | Article Number | E-Number | Finish            | Outer Diameter (OD) | NB/DN | Rod Size (RS) |
|----------------|----------------|----------|-------------------|---------------------|-------|---------------|
| HDI023         | 577034         | 3532357  | Electrogalvanized | 19 - 23 mm          | 15    | M8, M10       |
| HDI028         | 577035         | 3532358  | Electrogalvanized | 24 - 28 mm          | 20    | M8, M10       |
| HDI045         | 577038         | 3532362  | Electrogalvanized | 40 - 45 mm          | 32    | M8, M10       |
| HDI058         | 577040         | 3532364  | Electrogalvanized | 53 - 58 mm          |       | M8, M10       |
| HDI065         | 577041         | 3532365  | Electrogalvanized | 60 - 65 mm          | 50    | M8, M10       |
| HDI078         | 577043         | 3532367  | Electrogalvanized | 73 - 78 mm          | 65    | M10, M12      |
| HDI116         | 577048         | 3532373  | Electrogalvanized | 108 - 116 mm        | 100   | M10, M12      |
| HDI145         | 577052         | 3532377  | Electrogalvanized | 138 - 145 mm        | 125   | M12, M16      |
| HDI273         | 577066         | 3532391  | Electrogalvanized | 265 - 273 mm        | 250   | M16, M20      |
| HDI008EG       | 579001         |          | Electrogalvanized | 12 - 17 mm          | 8     | M8, M10       |
| HDI008G        | 579081         |          | GEOMET® 321       | 12 - 17 mm          | 8     | M8, M10       |

| Catalog Number | Article Number | E-Number | Finish            | Outer Diameter (OD) | NB/DN | Rod Size (RS) |
|----------------|----------------|----------|-------------------|---------------------|-------|---------------|
| HDI015EG       | 579002         |          | Electrogalvanized | 21 - 28 mm          | 15    | M8, M10       |
| HDI015G        | 579082         |          | GEOMET® 321       | 21 - 28 mm          | 15    | M8, M10       |
| HDI020EG       | 579003         |          | Electrogalvanized | 25 - 32 mm          | 20    | M8, M10       |
| HDI020G        | 579083         |          | GEOMET® 321       | 25 - 32 mm          | 20    | M8, M10       |
| HDI025EG       | 579004         |          | Electrogalvanized | 33 - 40 mm          | 25    | M8, M10       |
| HDI025G        | 579084         |          | GEOMET® 321       | 33 - 40 mm          |       | M8, M10       |
| HDI032EG       | 579005         |          | Electrogalvanized | 41 - 48 mm          | 32    | M8, M10       |
| HDI032G        | 579085         |          | GEOMET® 321       | 41 - 48 mm          | 32    | M8, M10       |
| HDI040EG       | 579006         |          | Electrogalvanized | 48 - 56 mm          | 40    | M8, M10       |

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| Catalog Number | Article Number | E-Number | Finish            | Outer Diameter (OD) | NB/DN | Rod Size (RS) |
|----------------|----------------|----------|-------------------|---------------------|-------|---------------|
| HDI040G        | 579086         |          | GEOMET® 321       | 48 - 56 mm          | 40    | M8, M10       |
| HDI047EG       | 579007         |          | Electrogalvanized | 53 - 59 mm          |       | M8, M10       |
| HDI047G        | 579087         |          | GEOMET® 321       | 53 - 59 mm          |       | M8, M10       |
| HDI050EG       | 579008         |          | Electrogalvanized | 60 - 69 mm          | 50    | M8, M10       |
| HDI050G        | 579088         |          | GEOMET® 321       | 60 - 69 mm          | 50    | M8, M10       |
| HDI060EG       | 579009         |          | Electrogalvanized | 67 - 75 mm          |       | M10, M12      |
| HDI060G        | 579089         |          | GEOMET® 321       | 67 - 75 mm          |       | M10, M12      |
| HDI065EG       | 579011         |          | Electrogalvanized | 75 - 81 mm          | 65    | M10, M12      |
| HDI065G        | 579091         |          | GEOMET® 321       | 75 - 81 mm          | 65    | M10, M12      |
| HDI075EG       | 579012         |          | Electrogalvanized | 83 - 91 mm          |       | M10, M12      |
| HDI075G        | 579092         |          | GEOMET® 321       | 83 - 91 mm          |       | M10, M12      |
| HDI080EG       | 579013         |          | Electrogalvanized | 87 - 95 mm          | 80    | M10, M12      |
| HDI080G        | 579093         |          | GEOMET® 321       | 87 - 95 mm          | 80    | M10, M12      |
| HDI085EG       | 579014         |          | Electrogalvanized | 95 - 104 mm         |       | M10, M12      |
| HDI085G        | 579094         |          | GEOMET® 321       | 95 - 104 mm         |       | M10, M12      |
| HDI095EG       | 579015         |          | Electrogalvanized | 102 - 112 mm        |       | M10, M12      |
| HDI095G        | 579095         |          | GEOMET® 321       | 102 - 112 mm        |       | M10, M12      |
| HDI100EG       | 579016         |          | Electrogalvanized | 109 - 119 mm        | 100   | M10, M12      |
| HDI100G        | 579096         |          | GEOMET® 321       | 109 - 119 mm        | 100   | M10, M12      |
| HDI110EG       | 579017         |          | Electrogalvanized | 122 - 138 mm        |       | M12, M16      |

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| Catalog Number | Article Number | E-Number | Finish            | Outer Diameter (OD) | NB/DN | Rod Size (RS) |
|----------------|----------------|----------|-------------------|---------------------|-------|---------------|
| HDI110G        | 579097         |          | GEOMET® 321       | 122 - 138 mm        |       | M12, M16      |
| HDI120EG       | 579018         |          | Electrogalvanized | 128 - 141 mm        |       | M12, M16      |
| HDI120G        | 579098         |          | GEOMET® 321       | 128 - 141 mm        |       | M12, M16      |
| HDI125EG       | 579019         |          | Electrogalvanized | 136 - 147 mm        | 125   | M12, M16      |
| HDI125G        | 579099         |          | GEOMET® 321       | 136 - 147 mm        | 125   | M12, M16      |
| HDI140EG       | 579021         |          | Electrogalvanized | 153 - 164 mm        |       | M12, M16      |
| HDI140G        | 579101         |          | GEOMET® 321       | 153 - 164 mm        |       | M12, M16      |
| HDI150EG       | 579022         |          | Electrogalvanized | 164 - 174 mm        | 150   | M12, M16      |
| HDI150G        | 579102         |          | GEOMET® 321       | 164 - 174 mm        | 150   | M12, M16      |
| HDI180EG       | 579023         |          | Electrogalvanized | 196 - 209 mm        |       | M12, M16      |
| HDI180G        | 579103         |          | GEOMET® 321       | 196 - 209 mm        |       | M12, M16      |
| HDI200EG       | 579024         |          | Electrogalvanized | 214 - 226 mm        | 200   | M12, M16      |
| HDI200G        | 579104         |          | GEOMET® 321       | 214 - 226 mm        | 200   | M12, M16      |
| HDI250EG       | 579025         |          | Electrogalvanized | 266 - 274 mm        | 250   | M20           |
| HDI250G        | 579105         |          | GEOMET® 321       | 266 - 274 mm        | 250   | M20           |
| HDI300EG       | 579026         |          | Electrogalvanized | 308 - 324 mm        | 300   | M20           |
| HDI300G        | 579106         |          | GEOMET® 321       | 308 - 324 mm        | 300   | M20           |
| HDI350EG       | 579027         |          | Electrogalvanized | 340 - 356 mm        | 350   | M20           |
| HDI350G        | 579107         |          | GEOMET® 321       | 340 - 356 mm        | 350   | M20           |
| HDI400EG       | 579028         |          | Electrogalvanized | 393 - 409 mm        | 400   | M20           |

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| Catalog Number | Article Number | E-Number | Finish            | Outer Diameter (OD) | NB/DN | Rod Size (RS) |
|----------------|----------------|----------|-------------------|---------------------|-------|---------------|
| HDI400G        | 579108         |          | GEOMET® 321       | 393 - 409 mm        | 400   | M20           |
| HDI450EG       | 579029         |          | Electrogalvanized | 444 - 460 mm        | 450   | M20           |
| HDI450G        | 579109         |          | GEOMET® 321       | 444 - 460 mm        | 450   | M20           |
| HDI500EG       | 579031         |          | Electrogalvanized | 497 - 512 mm        | 500   | M20           |
| HDI500G        | 579111         |          | GEOMET® 321       | 497 - 512 mm        | 500   | M20           |

Table 1/4

| Catalog Number | Article Number | E-Number | Width (W) | Thickness (T) | Screw Diameter (Sc) | Screw Diameter metric (Sc) |
|----------------|----------------|----------|-----------|---------------|---------------------|----------------------------|
| HDI023         | 577034         | 3532357  | 30 mm     | 2.5 mm        | 6 mm                | M6                         |
| HDI028         | 577035         | 3532358  | 30 mm     | 2.5 mm        | 6 mm                | M6                         |
| HDI045         | 577038         | 3532362  | 30 mm     | 2.5 mm        | 6 mm                | M6                         |
| HDI058         | 577040         | 3532364  | 30 mm     | 2.5 mm        | 6 mm                | M6                         |

| Catalog Number | Article Number | E- Number | Width(W) | Thickness(T) | Screw Diameter (Sc) | Screw Diameter metric (Sc) |
|----------------|----------------|-----------|----------|--------------|---------------------|----------------------------|
| HDI065         | 577041         | 3532365   | 30 mm    | 2.5 mm       | 8 mm                | M8                         |
| HDI078         | 577043         | 3532367   | 30 mm    | 3 mm         | 8 mm                | M8                         |
| HDI116         | 577048         | 3532373   | 30 mm    | 3 mm         | 8 mm                | M8                         |
| HDI145         | 577052         | 3532377   | 40 mm    | 4 mm         | 10 mm               | M10                        |
| HDI273         | 577066         | 3532391   | 40 mm    | 4 mm         | 12 mm               | M12                        |
| HDI008EG       | 579001         |           | 25 mm    | 2 mm         | 8 mm                | M8                         |
| HDI008G        | 579081         |           | 25 mm    | 2 mm         | 8 mm                | M8                         |
| HDI015EG       | 579002         |           | 25 mm    | 2 mm         | 8 mm                | M8                         |
| HDI015G        | 579082         |           | 25 mm    | 2 mm         | 8 mm                | M8                         |
| HDI020EG       | 579003         |           | 25 mm    | 2 mm         | 8 mm                | M8                         |
| HDI020G        | 579083         |           | 25 mm    | 2 mm         | 8 mm                | M8                         |
| HDI025EG       | 579004         |           | 25 mm    | 2 mm         | 8 mm                | M8                         |
| HDI025G        | 579084         |           | 25 mm    | 2 mm         | 8 mm                | M8                         |
| HDI032EG       | 579005         |           | 25 mm    | 2 mm         | 8 mm                | M8                         |
| HDI032G        | 579085         |           | 25 mm    | 2 mm         | 8 mm                | M8                         |
| HDI040EG       | 579006         |           | 25 mm    | 2 mm         | 8 mm                | M8                         |

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| Catalog Number | Article Number | E- Number | Width (W) | Thickness (T) | Screw Diameter (Sc) | Screw Diameter metric (Sc) |
|----------------|----------------|-----------|-----------|---------------|---------------------|----------------------------|
| HDI040G        | 579086         |           | 25 mm     | 2 mm          | 8 mm                | M8                         |
| HDI047EG       | 579007         |           | 25 mm     | 2 mm          | 8 mm                | M8                         |
| HDI047G        | 579087         |           | 25 mm     | 2 mm          | 8 mm                | M8                         |
| HDI050EG       | 579008         |           | 25 mm     | 2 mm          | 8 mm                | M8                         |
| HDI050G        | 579088         |           | 25 mm     | 2 mm          | 8 mm                | M8                         |
| HDI060EG       | 579009         |           | 30 mm     | 3 mm          | 8 mm                | M8                         |
| HDI060G        | 579089         |           | 30 mm     | 3 mm          | 8 mm                | M8                         |
| HDI065EG       | 579011         |           | 30 mm     | 3 mm          | 8 mm                | M8                         |
| HDI065G        | 579091         |           | 30 mm     | 3 mm          | 8 mm                | M8                         |
| HDI075EG       | 579012         |           | 30 mm     | 3 mm          | 8 mm                | M8                         |
| HDI075G        | 579092         |           | 30 mm     | 3 mm          | 8 mm                | M8                         |
| HDI080EG       | 579013         |           | 30 mm     | 3 mm          | 8 mm                | M8                         |
| HDI080G        | 579093         |           | 30 mm     | 3 mm          | 8 mm                | M8                         |
| HDI085EG       | 579014         |           | 30 mm     | 3 mm          | 8 mm                | M8                         |
| HDI085G        | 579094         |           | 30 mm     | 3 mm          | 8 mm                | M8                         |

| Catalog Number | Article Number | E- Number | Width(W) | Thickness(T) | Screw Diameter (Sc) | Screw Diameter metric (Sc) |
|----------------|----------------|-----------|----------|--------------|---------------------|----------------------------|
| HDI095EG       | 579015         |           | 30 mm    | 3 mm         | 10 mm               | M10                        |
| HDI095G        | 579095         |           | 30 mm    | 3 mm         | 10 mm               | M10                        |
| HDI100EG       | 579016         |           | 30 mm    | 3 mm         | 10 mm               | M10                        |
| HDI100G        | 579096         |           | 30 mm    | 3 mm         | 10 mm               | M10                        |
| HDI110EG       | 579017         |           | 40 mm    | 4 mm         | 10 mm               | M10                        |

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| Catalog Number | Article Number | E- Number | Width (W) | Thickness (T) | Screw Diameter (Sc) | Screw Diameter metric (Sc) |
|----------------|----------------|-----------|-----------|---------------|---------------------|----------------------------|
| HDI110G        | 579097         |           | 40 mm     | 4 mm          | 10 mm               | M10                        |
| HDI120EG       | 579018         |           | 40 mm     | 4 mm          | 12 mm               | M12                        |
| HDI120G        | 579098         |           | 40 mm     | 4 mm          | 12 mm               | M12                        |
| HDI125EG       | 579019         |           | 40 mm     | 4 mm          | 12 mm               | M12                        |
| HDI125G        | 579099         |           | 40 mm     | 4 mm          | 12 mm               | M12                        |
| HDI140EG       | 579021         |           | 40 mm     | 4 mm          | 12 mm               | M12                        |
| HDI140G        | 579101         |           | 40 mm     | 4 mm          | 12 mm               | M12                        |
| HDI150EG       | 579022         |           | 40 mm     | 4 mm          | 12 mm               | M12                        |
| HDI150G        | 579102         |           | 40 mm     | 4 mm          | 12 mm               | M12                        |
| HDI180EG       | 579023         |           | 40 mm     | 4 mm          | 12 mm               | M12                        |
| HDI180G        | 579103         |           | 40 mm     | 4 mm          | 12 mm               | M12                        |
| HDI200EG       | 579024         |           | 40 mm     | 4 mm          | 12 mm               | M12                        |
| HDI200G        | 579104         |           | 40 mm     | 4 mm          | 12 mm               | M12                        |
| HDI250EG       | 579025         |           | 50 mm     | 5 mm          | 16 mm Min           | M16                        |
| HDI250G        | 579105         |           | 50 mm     | 5 mm          | 16 mm               | M16                        |
| HDI300EG       | 579026         |           | 50 mm     | 5 mm          | 16 mm               | M16                        |
| HDI300G        | 579106         |           | 50 mm     | 5 mm          | 16 mm               | M16                        |
| HDI350EG       | 579027         |           | 50 mm     | 5 mm          | 16 mm               | M16                        |
| HDI350G        | 579107         |           | 50 mm     | 5 mm          | 16 mm               | M16                        |
| HDI400EG       | 579028         |           | 60 mm     | 6 mm          | 16 mm               | M16                        |

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| Catalog Number | Article Number | E- Number | Width (W) | Thickness (T) | Screw Diameter (Sc) | Screw Diameter metric (Sc) |
|----------------|----------------|-----------|-----------|---------------|---------------------|----------------------------|
| HDI400G        | 579108         |           | 60 mm     | 6 mm          | 16 mm               | M16                        |
| HDI450EG       | 579029         |           | 60 mm     | 6 mm          | 16 mm               | M16                        |
| HDI450G        | 579109         |           | 60 mm     | 6 mm          | 16 mm               | M16                        |

| Catalog Number | Article Number | E-Number | Width(W) | Thickness(T) | Screw Diameter (Sc) | Screw Diameter metric (Sc) |
|----------------|----------------|----------|----------|--------------|---------------------|----------------------------|
| HDI500EG       | 579031         |          | 60 mm    | 6 mm         | 16 mm               | M16                        |
| HDI500G        | 579111         |          | 60 mm    | 6 mm         | 16 mm               | M16                        |

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| Catalog Number | Article Number | E-Number | Screw Length (L) | Static Load | Certifications |
|----------------|----------------|----------|------------------|-------------|----------------|
| HDI023         | 577034         | 3532357  | 30mm             | 2000N       | ITB            |
| HDI028         | 577035         | 3532358  | 30mm             | 2000N       | ITB            |
| HDI045         | 577038         | 3532362  | 30mm             | 2000N       | ITB            |
| HDI058         | 577040         | 3532364  | 30mm             | 2000N       | ITB            |
| HDI065         | 577041         | 3532365  | 40mm             | 2000N       | ITB            |
| HDI078         | 577043         | 3532367  | 40mm             | 3500N       | ITB            |
| HDI116         | 577048         | 3532373  | 40mm             | 3500N       | ITB            |
| HDI145         | 577052         | 3532377  | 40mm             | 5000N       | ITB            |
| HDI273         | 577066         | 3532391  | 40mm             | 10000N      | ITB            |
| HDI008EG       | 579001         |          | 25mm             | 2000N       |                |
| HDI008G        | 579081         |          | 25mm             | 2000N       |                |
| HDI015EG       | 579002         |          | 25mm             | 2000N       |                |
| HDI015G        | 579082         |          | 25mm             | 2000N       |                |
| HDI020EG       | 579003         |          | 25mm             | 2000N       |                |
| HDI020G        | 579083         |          | 25mm             | 2000N       |                |
| HDI025EG       | 579004         |          | 25mm             | 2000N       |                |
| HDI025G        | 579084         |          | 25mm             | 2000N       |                |
| HDI032EG       | 579005         |          | 25mm             | 2000N       |                |
| HDI032G        | 579085         |          | 25mm             | 2000N       |                |
| HDI040EG       | 579006         |          | 25mm             | 2000N       |                |

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| Catalog Number | Article Number | E-Number | Screw Length (L) | Static Load | Certifications |
|----------------|----------------|----------|------------------|-------------|----------------|
| HDI040G        | 579086         |          | 25mm             | 2000N       |                |
| HDI047EG       | 579007         |          | 25mm             | 2000N       |                |
| HDI047G        | 579087         |          | 25mm             | 2000N       |                |
| HDI050EG       | 579008         |          | 25mm             | 2000N       |                |
| HDI050G        | 579088         |          | 25mm             | 2000N       |                |
| HDI060EG       | 579009         |          | 25mm             | 3500N       |                |
| HDI060G        | 579089         |          | 25mm             | 3500N       |                |

| Catalog Number | Article Number | E-Number | Screw Length (L) | Static Load | Certifications |
|----------------|----------------|----------|------------------|-------------|----------------|
| HDI065EG       | 579011         |          | 25mm             | 3500N       |                |
| HDI065G        | 579091         |          | 25mm             | 3500N       |                |
| HDI075EG       | 579012         |          | 25mm             | 3500N       |                |
| HDI075G        | 579092         |          | 25mm             | 3500N       |                |
| HDI080EG       | 579013         |          | 25mm             | 3500N       |                |
| HDI080G        | 579093         |          | 25mm             | 3500N       |                |
| HDI085EG       | 579014         |          | 25mm             | 3500N       |                |
| HDI085G        | 579094         |          | 25mm             | 3500N       |                |
| HDI095EG       | 579015         |          | 40mm             | 3500N       |                |
| HDI095G        | 579095         |          | 40mm             | 3500N       |                |
| HDI100EG       | 579016         |          | 40mm             | 3500N       |                |
| HDI100G        | 579096         |          | 40mm             | 3500N       |                |
| HDI110EG       | 579017         |          | 40mm             | 3500N       |                |

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| Catalog Number | Article Number | E-Number | Screw Length (L) | Static Load | Certifications |
|----------------|----------------|----------|------------------|-------------|----------------|
| HDI110G        | 579097         |          | 40mm             | 3500N       |                |
| HDI120EG       | 579018         |          | 40mm             | 3500N       |                |
| HDI120G        | 579098         |          | 40mm             | 3500N       |                |
| HDI125EG       | 579019         |          | 40mm             | 3500N       |                |
| HDI125G        | 579099         |          | 40mm             | 3500N       |                |
| HDI140EG       | 579021         |          | 40mm             | 3500N       |                |
| HDI140G        | 579101         |          | 40mm             | 3500N       |                |
| HDI150EG       | 579022         |          | 40mm             | 3500N       |                |
| HDI150G        | 579102         |          | 40mm             | 3500N       |                |
| HDI180EG       | 579023         |          | 40mm             | 8500N       |                |
| HDI180G        | 579103         |          | 40mm             | 8500N       |                |
| HDI200EG       | 579024         |          | 40mm             | 8500N       |                |
| HDI200G        | 579104         |          | 40mm             | 8500N       |                |
| HDI250EG       | 579025         |          | 60mm             | 10000N      |                |
| HDI250G        | 579105         |          | 60mm             | 10000N      |                |
| HDI300EG       | 579026         |          | 60mm             | 12500N      |                |
| HDI300G        | 579106         |          | 60mm             | 12500N      |                |
| HDI350EG       | 579027         |          | 60mm             | 12500N      |                |
| HDI350G        | 579107         |          | 60mm             | 12500N      |                |

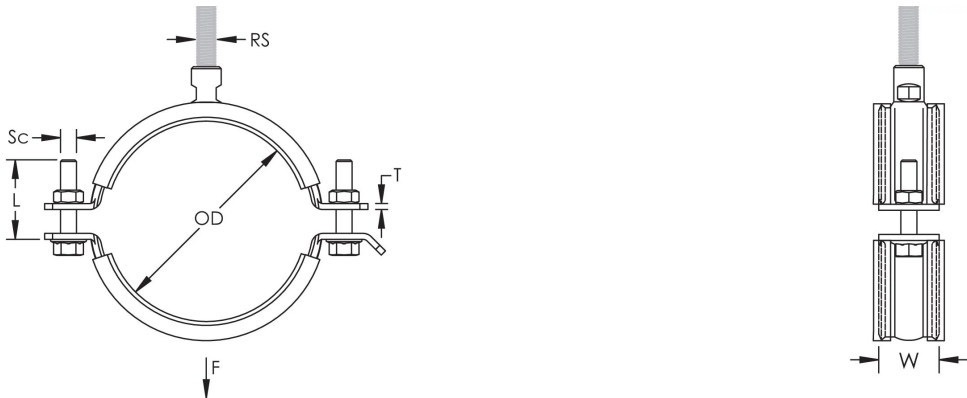
| Catalog Number | Article Number | E-Number | Screw Length (L) | Static Load | Certifications |
|----------------|----------------|----------|------------------|-------------|----------------|
| HDI400EG       | 579028         |          | 60mm             | 12500N      |                |

| Table 4/4      |                |          |                  |             |                |
|----------------|----------------|----------|------------------|-------------|----------------|
| Catalog Number | Article Number | E-Number | Screw Length (L) | Static Load | Certifications |
| HDI400G        | 579108         |          | 60mm             | 12500N      |                |
| HDI450EG       | 579029         |          | 60mm             | 12500N      |                |
| HDI450G        | 579109         |          | 60mm             | 12500N      |                |
| HDI500EG       | 579031         |          | 60mm             | 12500N      |                |
| HDI500G        | 579111         |          | 60mm             | 12500N      |                |

### ADDITIONAL PRODUCT DETAILS

Lining is EPDM rubber.

### 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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