

# Hinged pipe clamp FGRS Universal

The hinged pipe clamp with the convenient and secure quick-release fastener

2



Pipelines on cantilevers



Light, suspended pipelines

## Applications

- Time-saving fixing of pipelines up to 4" with threaded rods or hanger bolts
- For use in dry interior areas.

## Certificates



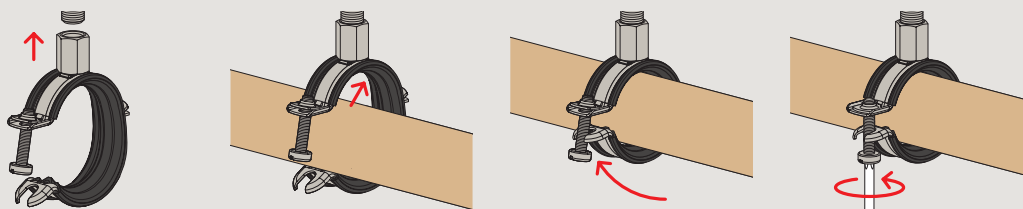
## Advantages

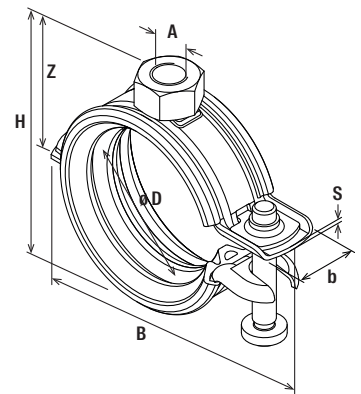
- The sound insulation test report guarantees objectively tested functional safety.
- The complete and gapless diameter clamping range allows the fastening of any pipe size.
- The unique rapid-locking mechanism with all-round edge enables safe and convenient installation.
- The clamp band with crimped edges gives the sound insulation insert a tight fit and simplifies the pipe adjustment.
- The compact design of the pipe clamp allows simple, subsequent insulation.
- The combination torx-slot thread of the screw increases flexibility during assembly.

## Properties

- Material: steel DC01 (material no. 1.0330) in accordance with DIN EN 10130
- Zinc plating: electro zinc-plated
- Connecting nut: resistance welded, size 13
- Screw plug: panhead screw with slot/TX combination (M5=TX25, M6=TX30)
- Sound insulating insert material SBR/EPDM; chlorine-free, silicone-free
- Hardness: 55 ± 5° Shore A
- Temperature range: -40 °C to +100 °C
- Fire behavior: DIN 4102: Class B2

## Installation FGRS Universal

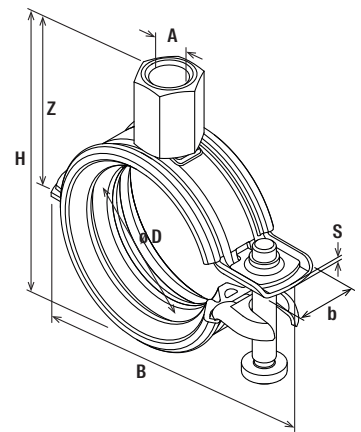




FGRS Universal

## Technical data

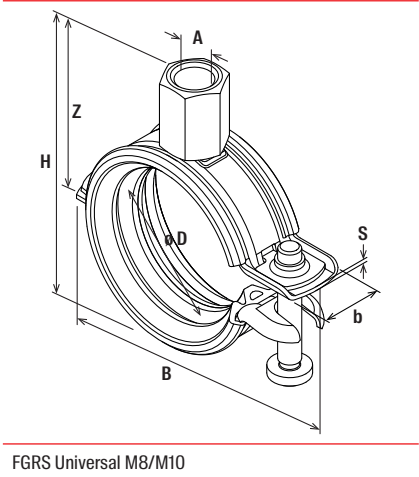
|                           |          | Thread | Size  | Clamping range | Width  | Height | Height | Width x thickness clamp band | Locking screw | Installation torque    | Max. re-com. static load (centr. tension) | Sales unit |
|---------------------------|----------|--------|-------|----------------|--------|--------|--------|------------------------------|---------------|------------------------|-------------------------------------------|------------|
| Item                      | Item no. | A      | [in]  | D [mm]         | B [mm] | H [mm] | Z [mm] | b x s [mm]                   |               | T <sub>inst</sub> [Nm] | N <sub>rec</sub> [kN]                     | [pcs]      |
| FGRS Universal M8 12 - 15 | 562340   | M8     | 1/4   | 12 - 15        | 43.6   | 43.6   | 19.5   | 18 x 1.0                     | M5            | 2                      | 0.65                                      | 25         |
| FGRS Universal M8 15 - 19 | 562341   | M8     | 3/8   | 15 - 19        | 48     | 48     | 21.5   | 18 x 1.0                     | M5            | 2                      | 0.65                                      | 25         |
| FGRS Universal M8 20 - 24 | 562342   | M8     | 1/2   | 20 - 24        | 52.3   | 52.3   | 23.5   | 18 x 1.0                     | M5            | 2                      | 0.65                                      | 25         |
| FGRS Universal M8 25 - 30 | 562343   | M8     | 3/4   | 25 - 30        | 57.5   | 57.5   | 26     | 18 x 1.0                     | M5            | 2                      | 0.65                                      | 25         |
| FGRS Universal M8 31 - 37 | 562344   | M8     | 1     | 31 - 37        | 65.5   | 65.5   | 29.9   | 18 x 1.0                     | M5            | 2                      | 0.65                                      | 25         |
| FGRS Universal M8 38 - 45 | 562345   | M8     | 1 1/4 | 38 - 45        | 73     | 73     | 33.4   | 18 x 1.2                     | M5            | 2                      | 0.90                                      | 25         |
| FGRS Universal M8 46 - 52 | 562346   | M8     | 1 1/2 | 46 - 52        | 80.1   | 80.1   | 36.9   | 18 x 1.2                     | M5            | 2                      | 0.90                                      | 25         |
| FGRS Universal M8 53 - 59 | 562347   | M8     | –     | 53 - 59        | 87.3   | 87.3   | 40.4   | 18 x 1.2                     | M5            | 2                      | 0.90                                      | 25         |
| FGRS Universal M8 60 - 66 | 562348   | M8     | 2     | 60 - 66        | 93.8   | 93.8   | 43.9   | 18 x 1.2                     | M5            | 2                      | 0.90                                      | 10         |



FGRS Universal M8/M10

## Technical data

|                              |          | Thread   | Size | Clamping range | Width  | Height | Height | Width x thickness clamp band | Locking screw | Installation torque    | Max. re-com. static load (centr. tension) | Sales unit |
|------------------------------|----------|----------|------|----------------|--------|--------|--------|------------------------------|---------------|------------------------|-------------------------------------------|------------|
| Item                         | Item no. | A        | [in] | D [mm]         | B [mm] | H [mm] | Z [mm] | b x s [mm]                   |               | T <sub>inst</sub> [Nm] | N <sub>rec</sub> [kN]                     | [pcs]      |
| FGRS Universal M8/10 12 - 15 | 562349   | M8 / M10 | 1/4  | 12 - 15        | 43.6   | 43.3   | 30     | 18 x 1.0                     | M5            | 2                      | 0.65                                      | 25         |
| FGRS Universal M8/10 15 - 19 | 562350   | M8 / M10 | 3/8  | 15 - 19        | 48     | 47.3   | 32     | 18 x 1.0                     | M5            | 2                      | 0.65                                      | 25         |
| FGRS Universal M8/10 20 - 24 | 562351   | M8 / M10 | 1/2  | 20 - 24        | 52.3   | 51.3   | 34     | 18 x 1.0                     | M5            | 2                      | 0.65                                      | 25         |
| FGRS Universal M8/10 25 - 30 | 562352   | M8 / M10 | 3/4  | 25 - 30        | 57.5   | 56.3   | 36.5   | 18 x 1.0                     | M5            | 2                      | 0.65                                      | 25         |



Technical data

|                                |          | Thread   | Size  | Clamping range | Width  | Height | Height | Width x thickness clamp band | Locking screw | Installation torque    | Max. re-com. static load (centr. tension) | Sales unit |
|--------------------------------|----------|----------|-------|----------------|--------|--------|--------|------------------------------|---------------|------------------------|-------------------------------------------|------------|
|                                | Item no. | A        | [in]  | D [mm]         | B [mm] | H [mm] | Z [mm] | b x s [mm]                   |               | T <sub>inst</sub> [Nm] | N <sub>rec</sub> [kN]                     | [pcs]      |
| Item                           |          |          |       |                |        |        |        |                              |               |                        |                                           |            |
| FGRS Universal M8/10 31 - 37   | 562353   | M8 / M10 | 1     | 31 - 37        | 65.5   | 64     | 40.4   | 18 x 1.0                     | M5            | 2                      | 0.65                                      | 25         |
| FGRS Universal M8/10 38 - 45   | 562354   | M8 / M10 | 1 1/4 | 38 - 45        | 73     | 71.2   | 43.9   | 18 x 1.2                     | M5            | 2                      | 0.90                                      | 25         |
| FGRS Universal M8/10 46 - 52   | 562355   | M8 / M10 | 1 1/2 | 46 - 52        | 80.1   | 78.2   | 47.4   | 18 x 1.2                     | M5            | 2                      | 0.90                                      | 25         |
| FGRS Universal M8/10 53 - 59   | 562356   | M8 / M10 | –     | 53 - 59        | 87.3   | 85.2   | 50.9   | 18 x 1.2                     | M5            | 2                      | 0.90                                      | 25         |
| FGRS Universal M8/10 60 - 66   | 562357   | M8 / M10 | 2     | 60 - 66        | 93.8   | 92.2   | 54.4   | 18 x 1.2                     | M5            | 2                      | 0.90                                      | 10         |
| FGRS Universal M8/10 73 - 80   | 562456   | M8 / M10 | –     | 73 - 80        | 111.9  | 107.8  | 62.4   | 20 x 1.8                     | M6            | 2                      | 1.30                                      | 10         |
| FGRS Universal M8/10 83 - 90   | 562457   | M8 / M10 | 3     | 83 - 90        | 123.3  | 119.2  | 68.1   | 20 x 1.8                     | M6            | 2                      | 1.30                                      | 10         |
| FGRS Universal M8/10 95 - 103  | 562458   | M8 / M10 | –     | 95 - 103       | 134.2  | 130.2  | 73.6   | 20 x 1.8                     | M6            | 2                      | 1.30                                      | 10         |
| FGRS Universal M8/10 108 - 115 | 562459   | M8 / M10 | 4     | 108 - 115      | 147.5  | 143.7  | 80.3   | 20 x 1.8                     | M6            | 2                      | 1.30                                      | 10         |