

New and improved!



## Bifix® G2 clamps

Premium pipe clamps, for in- and outdoor use



Bifix® G2 lined

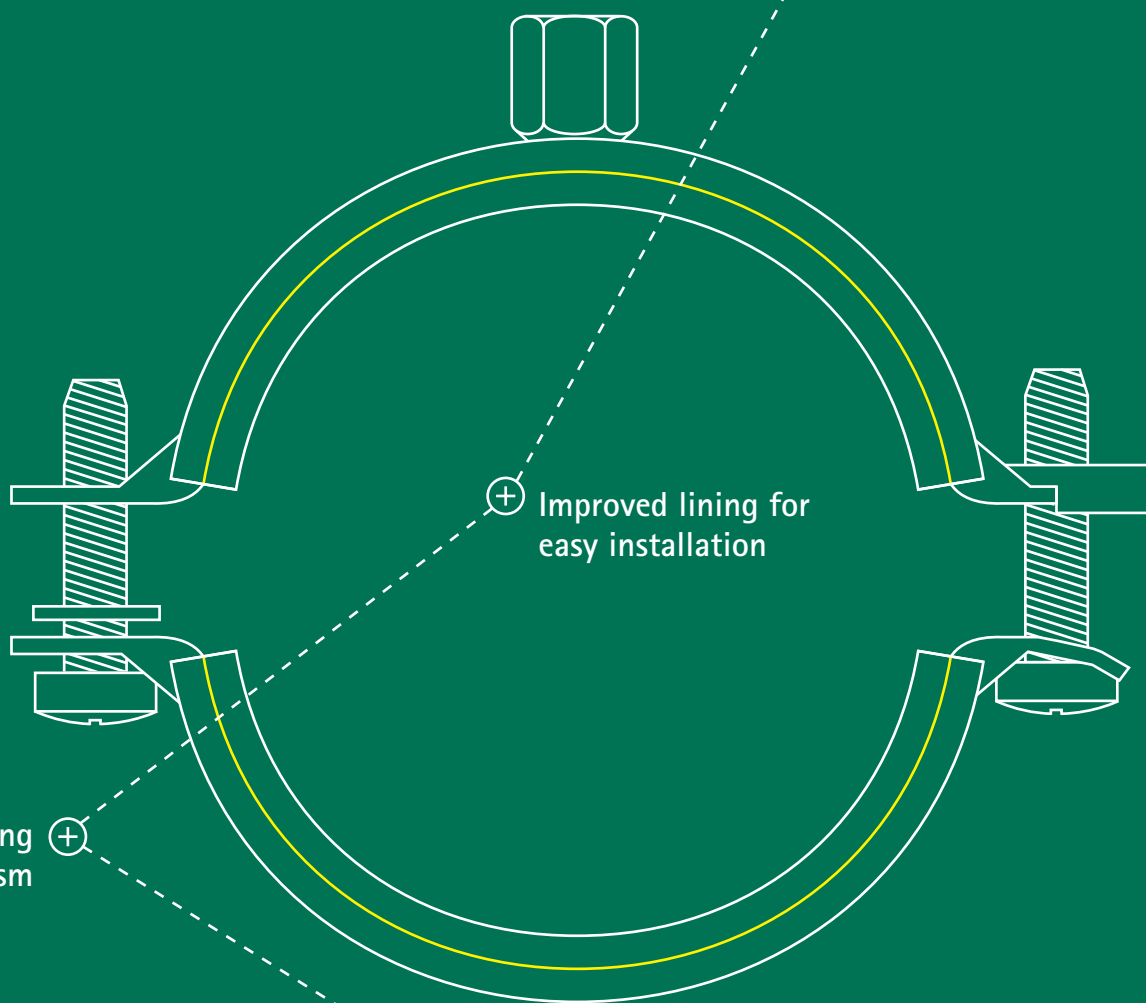


⊕ Suitable for in- and outdoor use

⊕ Improved lining for easy installation

⊕ Quick closing mechanism

⊕ Safe load according to RAL GZ-655 and RAL GZ-656



# Bifix® G2 lined

For uninsulated pipes

## Product information

Bifix® G2 offers a unique and premium line of clamps covering all types of pipe fixing solutions, both in- and outdoors. The optimised range includes lined clamps for steel, copper and multilayer pipes, Ø 10 - 225 mm. The new 2 component EPDM lining improves the product's ease of installation as well as the noise reduction properties (DIN 4109). Strength wise the Bifix® G2 holds medium to high loads, in accordance with both RAL GZ-655 and RAL GZ-656 under fire conditions.



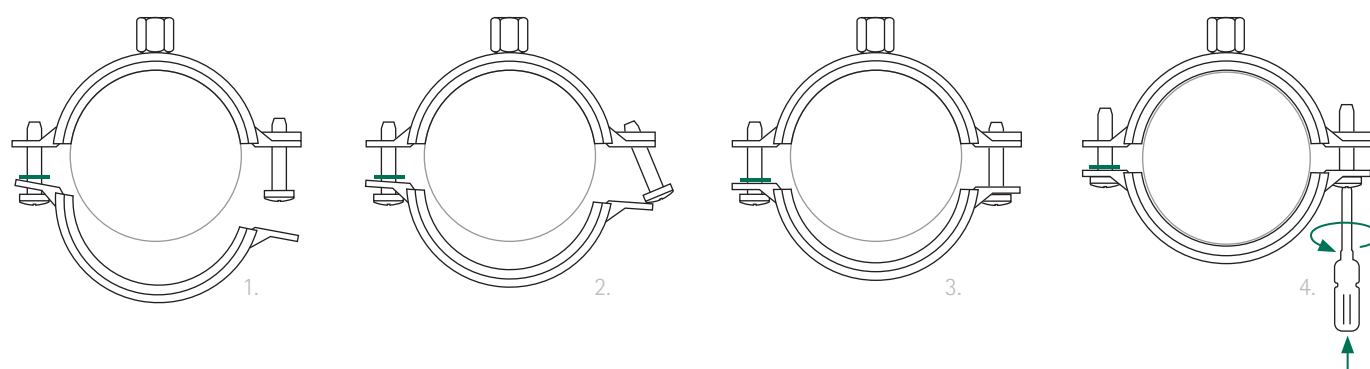
## Features and benefits

- Two-screw clamp
- For uninsulated pipes
- Optimised range Ø 10 - 225 mm
- Material: Steel
- Surface treatment: BIS UltraProtect® 1000
- Lining: 2 component EPDM
- Improved lining for easy installation
- Quick closing mechanism
- Good strength vs material usage
- Medium-High safe load according RAL GZ-655 and RAL GZ-656
- Noise reduction according DIN 4109

## Type of pipe

- Steel, copper, cast iron
- Multilayer pipes

## Quick closing mechanism



## 2 component EPDM lining

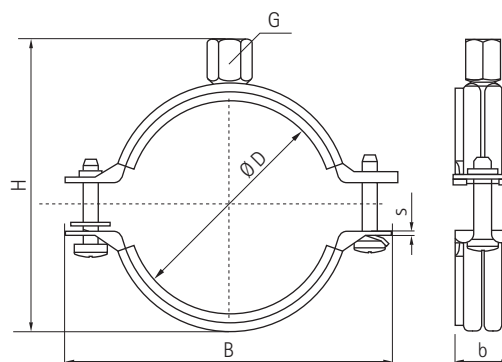


*For faster and easier installation*



# Bifix® G2 lined

For uninsulated pipes



## Technical data

| Part No. | D (mm)    | D (") | DN  | G     | B (mm) | H (mm) | b x s (mm) | Fa,z (N) | Box qty (pcs) |
|----------|-----------|-------|-----|-------|--------|--------|------------|----------|---------------|
| 31185014 | 10 - 14   | 1/4   | 8   | M8    | 59     | 34     | 20 x 1.25  | 700      | 50            |
| 31185019 | 15 - 19   | 3/8   | 10  | M8    | 63     | 38     | 20 x 1.25  | 700      | 50            |
| 31185023 | 20 - 23   | 1/2   | 15  | M8    | 68     | 43     | 20 x 1.25  | 700      | 50            |
| 31185028 | 25 - 28   | 3/4   | 20  | M8    | 74     | 49     | 20 x 1.25  | 700      | 50            |
| 31185035 | 31 - 35   | 1     | 25  | M8    | 80     | 55     | 20 x 1.25  | 700      | 50            |
| 31185039 | 36 - 39   | -     | -   | M8    | 84     | 59     | 20 x 1.25  | 700      | 50            |
| 31185045 | 40 - 45   | 1 1/4 | 32  | M8    | 91     | 66     | 20 x 1.25  | 700      | 50            |
| 31185052 | 48 - 52   | 1 1/2 | 40  | M8    | 97     | 72     | 20 x 1.25  | 700      | 50            |
| 31185058 | 54 - 58   | -     | -   | M8    | 104    | 79     | 20 x 1.25  | 700      | 50            |
| 31185064 | 60 - 64   | 2     | 50  | M8    | 109    | 84     | 20 x 1.25  | 700      | 50            |
| 31185070 | 66 - 70   | -     | -   | M8    | 118    | 92     | 20 x 1.50  | 800      | 50            |
| 31185079 | 75 - 79   | 2 1/2 | 65  | M8    | 125    | 100    | 20 x 1.50  | 800      | 50            |
| 31185083 | 80 - 83   | -     | -   | M8    | 131    | 106    | 20 x 1.50  | 800      | 50            |
| 31085014 | 10 - 14   | 1/4   | 8   | M8/10 | 59     | 42     | 20 x 1.25  | 700      | 50            |
| 31085019 | 15 - 19   | 3/8   | 10  | M8/10 | 63     | 46     | 20 x 1.25  | 700      | 50            |
| 31085023 | 20 - 23   | 1/2   | 15  | M8/10 | 68     | 51     | 20 x 1.25  | 700      | 50            |
| 31085028 | 25 - 28   | 3/4   | 20  | M8/10 | 74     | 57     | 20 x 1.25  | 700      | 50            |
| 31085035 | 31 - 35   | 1     | 25  | M8/10 | 80     | 63     | 20 x 1.25  | 700      | 50            |
| 31085039 | 36 - 39   | -     | -   | M8/10 | 84     | 67     | 20 x 1.25  | 700      | 50            |
| 31085045 | 40 - 45   | 1 1/4 | 32  | M8/10 | 91     | 74     | 20 x 1.25  | 700      | 50            |
| 31085052 | 48 - 52   | 1 1/2 | 40  | M8/10 | 97     | 80     | 20 x 1.25  | 700      | 50            |
| 31085058 | 54 - 58   | -     | -   | M8/10 | 104    | 87     | 20 x 1.25  | 700      | 50            |
| 31085064 | 60 - 64   | 2     | 50  | M8/10 | 109    | 92     | 20 x 1.25  | 700      | 50            |
| 31085070 | 66 - 70   | -     | -   | M8/10 | 118    | 100    | 20 x 1.50  | 800      | 50            |
| 31085079 | 75 - 79   | 2 1/2 | 65  | M8/10 | 125    | 108    | 20 x 1.50  | 800      | 50            |
| 31085083 | 80 - 83   | -     | -   | M8/10 | 131    | 114    | 20 x 1.50  | 800      | 25            |
| 31085091 | 88 - 91   | 3     | 80  | M8/10 | 142    | 123    | 23 x 2.00  | 1,700    | 25            |
| 31085105 | 100 - 105 | -     | -   | M8/10 | 155    | 137    | 23 x 2.00  | 1,700    | 25            |
| 31085115 | 108 - 115 | 4     | 100 | M8/10 | 163    | 145    | 23 x 2.00  | 1,700    | 25            |
| 31085130 | 125 - 130 | -     | -   | M8/10 | 180    | 162    | 23 x 2.00  | 1,700    | 25            |
| 31085140 | 133 - 140 | 5     | 125 | M8/10 | 189    | 171    | 23 x 2.00  | 1,700    | 25            |
| 31085160 | 152 - 160 | -     | -   | M8/10 | 208    | 190    | 23 x 2.00  | 1,700    | 25            |
| 31085169 | 165 - 169 | 6     | 150 | M8/10 | 225    | 203    | 25 x 2.50  | 2,000    | 10            |

# Bifix® G2 lined

For uninsulated pipes

## Technical data

| Part No. | D (mm)    | D (") | DN  | G   | B (mm) | H (mm) | b x s (mm) | Fa,z (N) | Box qty (pcs) |
|----------|-----------|-------|-----|-----|--------|--------|------------|----------|---------------|
| 31285014 | 10 - 14   | 1/4   | 8   | M10 | 59     | 34     | 20 x 1.25  | 800      | 50            |
| 31285019 | 15 - 19   | 3/8   | 10  | M10 | 63     | 38     | 20 x 1.25  | 800      | 50            |
| 31285023 | 20 - 23   | 1/2   | 15  | M10 | 68     | 43     | 20 x 1.25  | 800      | 50            |
| 31285028 | 25 - 28   | 3/4   | 20  | M10 | 74     | 49     | 20 x 1.25  | 800      | 50            |
| 31285035 | 31 - 35   | 1     | 25  | M10 | 80     | 55     | 20 x 1.25  | 800      | 50            |
| 31285039 | 36 - 39   | -     | -   | M10 | 84     | 59     | 20 x 1.25  | 800      | 50            |
| 31285045 | 40 - 45   | 1 1/4 | 32  | M10 | 91     | 66     | 20 x 1.25  | 800      | 50            |
| 31285052 | 48 - 52   | 1 1/2 | 40  | M10 | 97     | 72     | 20 x 1.25  | 800      | 50            |
| 31285058 | 54 - 58   | -     | -   | M10 | 104    | 79     | 20 x 1.25  | 800      | 50            |
| 31285064 | 60 - 64   | 2     | 50  | M10 | 109    | 84     | 20 x 1.25  | 800      | 50            |
| 31285070 | 66 - 70   | -     | -   | M10 | 118    | 92     | 20 x 1.50  | 1,000    | 50            |
| 31285079 | 75 - 79   | 2 1/2 | 65  | M10 | 125    | 100    | 20 x 1.50  | 1,000    | 50            |
| 31285083 | 80 - 83   | -     | -   | M10 | 131    | 106    | 20 x 1.50  | 1,000    | 50            |
| 31285091 | 88 - 91   | 3     | 80  | M10 | 142    | 115    | 23 x 2.00  | 1,800    | 25            |
| 31285097 | 92 - 98   | -     | -   | M10 | 147    | 123    | 23 x 2.00  | 1,800    | 25            |
| 31285105 | 100 - 105 | -     | -   | M10 | 155    | 129    | 23 x 2.00  | 1,800    | 25            |
| 31285115 | 108 - 115 | 4     | 100 | M10 | 163    | 137    | 23 x 2.00  | 1,800    | 25            |
| 31285130 | 125 - 130 | -     | -   | M10 | 180    | 154    | 23 x 2.00  | 1,800    | 25            |
| 31285140 | 133 - 140 | 5     | 125 | M10 | 189    | 163    | 23 x 2.00  | 1,800    | 25            |
| 31285160 | 152 - 160 | -     | -   | M10 | 208    | 182    | 23 x 2.00  | 1,800    | 25            |
| 31285169 | 165 - 169 | 6     | 150 | M10 | 225    | 195    | 25 x 2.50  | 2,500    | 10            |
| 31285180 | 176 - 180 | -     | -   | M10 | 238    | 201    | 25 x 2.50  | 2,500    | 15            |
| 31285200 | 192 - 200 | -     | -   | M10 | 257    | 230    | 25 x 2.50  | 2,500    | 15            |
| 31285210 | 205 - 210 | -     | -   | M10 | 269    | 241    | 25 x 2.50  | 2,500    | 10            |
| 31285225 | 219 - 225 | 8     | 200 | M10 | 283    | 257    | 25 x 2.50  | 2,500    | 10            |



# Bifix® G2 unlined

For insulated pipes

## Product information

Bifix® G2 offers a unique and premium line of clamps covering all types of pipe fixing solutions, both in- and outdoors. The optimised range includes unlined clamps for insulated steel and copper pipes, Ø 10 - 225 mm. Strength wise the Bifix® G2 holds medium to high loads, in accordance with both RAL GZ-655 and RAL GZ-656 under fire conditions.



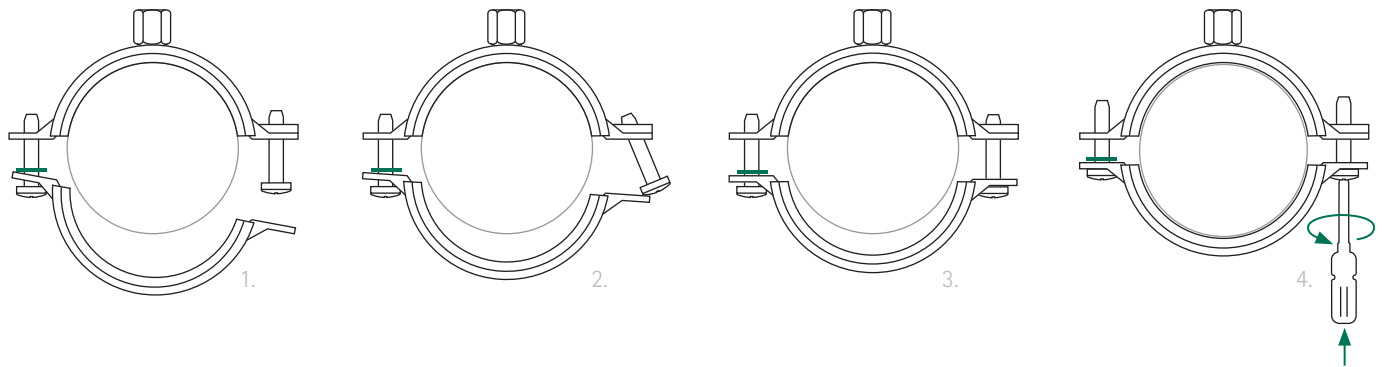
## Features and benefits

- Two-screw clamp
- For insulated pipes
- Optimised range Ø 10 - 225 mm
- Material: Steel
- Surface treatment: BIS UltraProtect® 1000
- Quick closing mechanism
- Good strength vs material usage
- Medium-High safe load according RAL GZ-655 and RAL GZ-656

## Type of pipe

- Steel
- Copper

## Quick closing mechanism



## Pipe insulation

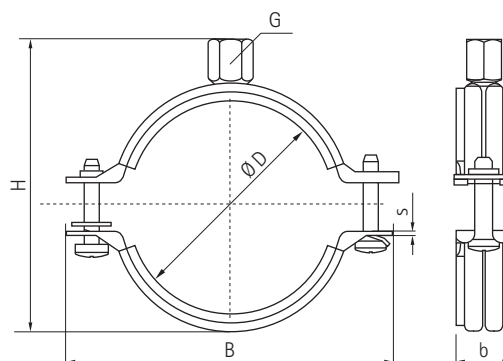


*Ideal used in  
combination with  
pipe insulation*



# Bifix® G2 unlined

For insulated pipes



## Technical data

| Part No. | D (mm)    | D (") | DN  | G     | B (mm) | H (mm) | b x s (mm) | Fa,z (N) | Box qty (pcs) |
|----------|-----------|-------|-----|-------|--------|--------|------------|----------|---------------|
| 3008014  | 10 - 14   | 1/4   | 8   | M8/10 | 52     | 35     | 20 x 1.25  | 1,200    | 50            |
| 3008019  | 15 - 19   | 3/8   | 10  | M8/10 | 59     | 42     | 20 x 1.25  | 1,200    | 50            |
| 3008023  | 20 - 23   | 1/2   | 15  | M8/10 | 63     | 46     | 20 x 1.25  | 1,200    | 50            |
| 3008028  | 25 - 28   | 3/4   | 20  | M8/10 | 68     | 51     | 20 x 1.25  | 1,200    | 50            |
| 3008035  | 31 - 35   | 1     | 25  | M8/10 | 74     | 57     | 20 x 1.25  | 1,200    | 50            |
| 3008039  | 36 - 39   | -     | -   | M8/10 | 80     | 63     | 20 x 1.25  | 1,200    | 50            |
| 3008045  | 40 - 45   | 1 1/4 | 32  | M8/10 | 84     | 67     | 20 x 1.25  | 1,200    | 50            |
| 3008052  | 48 - 52   | 1 1/2 | 40  | M8/10 | 91     | 74     | 20 x 1.25  | 1,200    | 50            |
| 3008058  | 54 - 58   | -     | -   | M8/10 | 97     | 80     | 20 x 1.25  | 1,200    | 50            |
| 3008064  | 60 - 64   | 2     | 50  | M8/10 | 104    | 87     | 20 x 1.25  | 1,200    | 50            |
| 3008070  | 66 - 70   | -     | -   | M8/10 | 110    | 92     | 20 x 1.50  | 1,300    | 50            |
| 3008079  | 75 - 79   | 2 1/2 | 65  | M8/10 | 118    | 100    | 20 x 1.50  | 1,300    | 50            |
| 3008083  | 80 - 83   | -     | -   | M8/10 | 125    | 108    | 20 x 1.50  | 1,300    | 50            |
| 3008091  | 88 - 91   | 3     | 80  | M8/10 | 133    | 114    | 23 x 2.00  | 1,800    | 50            |
| 3008105  | 100 - 105 | -     | -   | M8/10 | 147    | 123    | 23 x 2.00  | 1,800    | 50            |
| 3008115  | 108 - 115 | 4     | 100 | M8/10 | 155    | 137    | 23 x 2.00  | 1,800    | 25            |
| 3008130  | 125 - 130 | -     | -   | M8/10 | 172    | 145    | 23 x 2.00  | 1,800    | 25            |
| 3008140  | 133 - 140 | 5     | 125 | M8/10 | 180    | 162    | 23 x 2.00  | 1,800    | 25            |
| 3008160  | 152 - 160 | -     | -   | M8/10 | 201    | 171    | 23 x 2.00  | 1,800    | 25            |
| 3008169  | 165 - 169 | 6     | 150 | M8/10 | 217    | 190    | 25 x 2.50  | 3,600    | 25            |
| 3008180  | 176 - 180 | -     | -   | M8/10 | 229    | 203    | 25 x 2.50  | 3,600    | 15            |
| 3008200  | 192 - 200 | -     | -   | M8/10 | 248    | 209    | 25 x 2.50  | 3,600    | 15            |
| 3008210  | 205 - 210 | -     | -   | M8/10 | 261    | 238    | 25 x 2.50  | 3,600    | 15            |
| 3008225  | 219 - 225 | 8     | 200 | M8/10 | 275    | 249    | 25 x 2.50  | 3,600    | 15            |



Small  
CHANGES CAN MAKE  
**A BIG**  
DIFFERENCE.

# BIS UltraProtect® 1000

All of our Bifix® G2 clamps are coated with our advanced surface protection system – BIS UltraProtect® 1000 – to prevent corrosion.

## Optimal protection

- All applied surface treatments effortlessly withstand a salt spray test of at least 1000 hours\*
- Suitable for corrosive environments (C1–C4 in accordance with ISO 12944-2)



## Better than Hot Dip Galvanizing

- Higher corrosion resistance: 1000 hours\* versus 300 – 600 hours (with a layer thickness of 50 – 80 µm)
- Threaded products are also well protected
- Products feel smooth and are also visually appealing



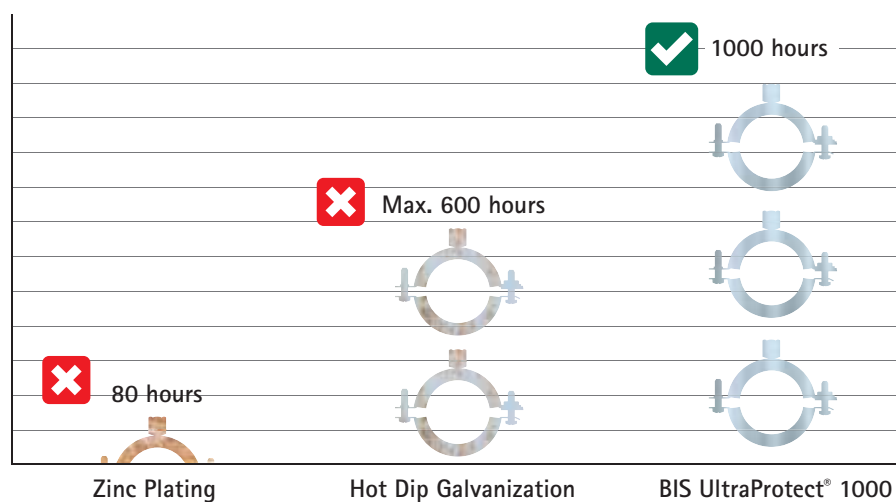
## Complementary system

- The products in the BIS UltraProtect® 1000 system combine together perfectly
- Can also work with zinc plated, pre-galvanized or hot dip galvanized products



\* Until the occurrence of maximum 5% red rust.

## The proof after 1000 hours salt spray test





### Corrosion resistance

- C1 - C4 / ISO 12944-2

### Salt spray test

- 1000 hours / ISO 9227

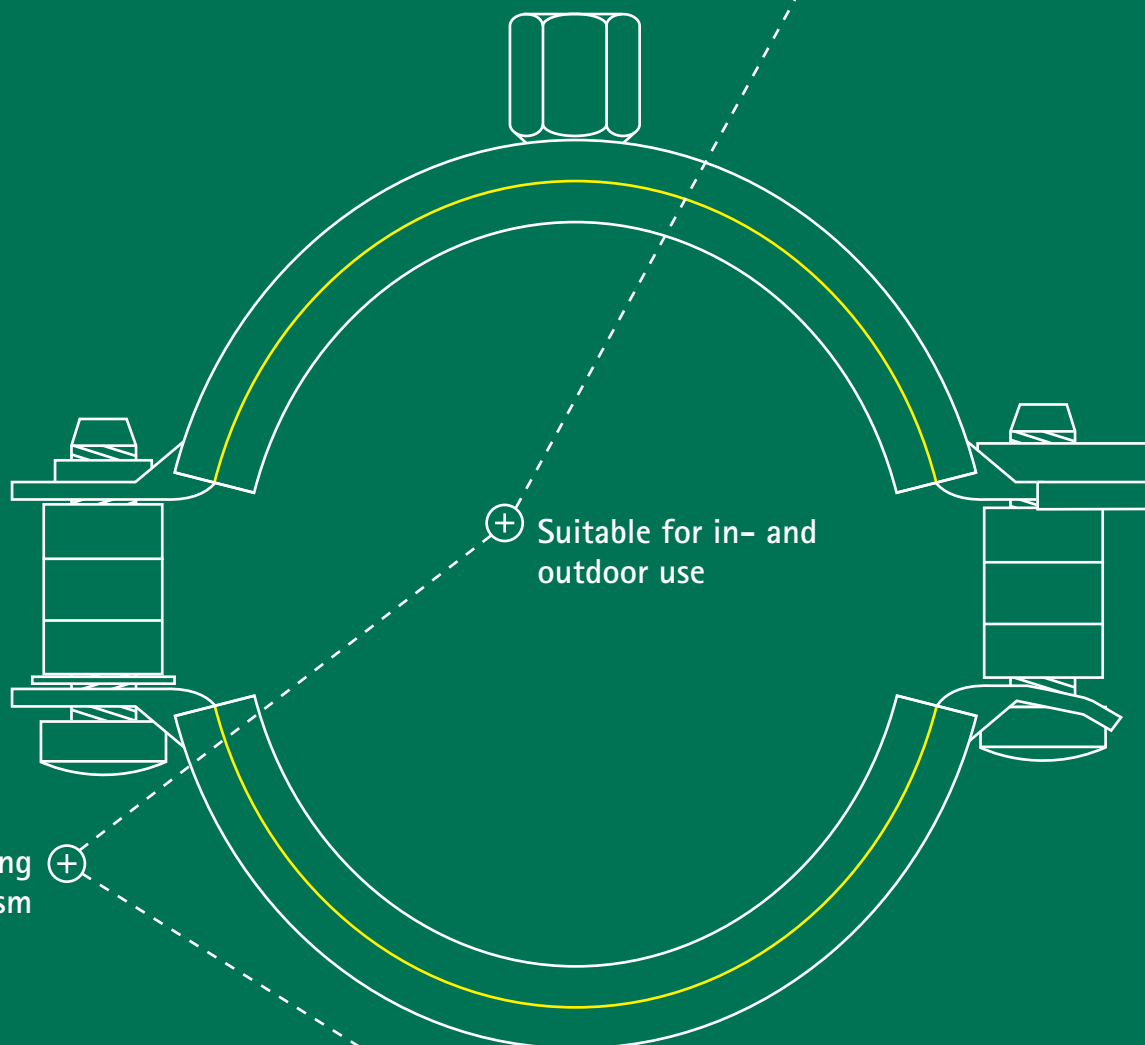
### Complementary system

- Easily combined with other products

Bifix® 5000 G2



⊕ For all types of plastic pipes



⊕ Suitable for in- and outdoor use

Quick closing mechanism ⊕

⊕ Removable spacer washers for sliding or anchoring

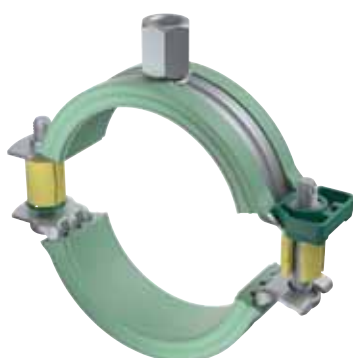
# Bifix® 5000 G2

For uninsulated plastic pipes

## Product information

Bifix® 5000 G2 offers a unique and premium line of clamps covering all types of plastic pipe fixing solutions, both indoors and outdoors, Ø 16 - 200 mm.

The product is specifically designed for PE pipes, and provides in both fixing and sliding to handle the pipe expansion.



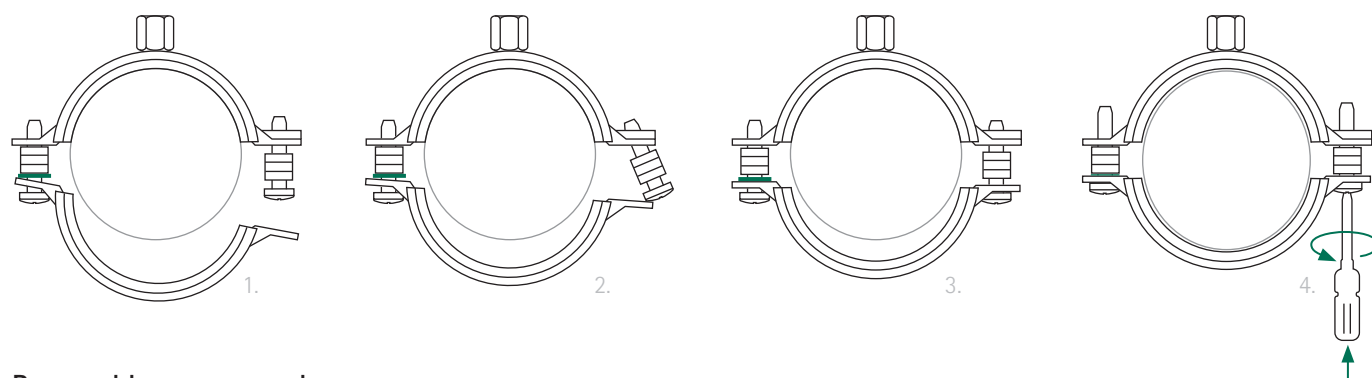
## Features and benefits

- Two-screw clamp
- For uninsulated pipes
- Optimised range Ø 16 - 200 mm
- Material: Steel
- Surface treatment: BIS UltraProtect® 1000
- Lining: EPDM
- Quick closing mechanism
- With removable spacer washers for either sliding or anchoring
- Good strength vs material usage
- Medium-High safe load according RAL GZ-655 and RAL GZ-656
- Noise reduction according DIN 4109

## Type of pipe

- Plastic (all)

## Quick closing mechanism



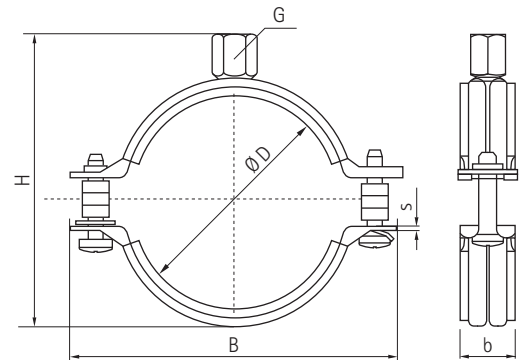
## Removable spacer washers



*Ideal used combination  
for sliding or anchoring*

# Bifix® 5000 G2

For uninsulated plastic pipes



## Technical data

| Part No. | D (mm) | G     | B (mm) | H (mm) | b x s (mm) | Fa,z (N) | RAL | Box qty (pcs) |
|----------|--------|-------|--------|--------|------------|----------|-----|---------------|
| 3188016  | 16     | M8/10 | 63     | 50     | 20 x 1.25  | 600      | -   | 50            |
| 3188020  | 20     | M8/10 | 68     | 54     | 20 x 1.25  | 600      | -   | 50            |
| 3188025  | 25     | M8/10 | 74     | 59     | 20 x 1.25  | 600      | -   | 50            |
| 3188032  | 32     | M8/10 | 80     | 61     | 20 x 1.25  | 600      | -   | 50            |
| 3188040  | 40     | M8/10 | 91     | 73     | 20 x 1.25  | 600      | -   | 50            |
| 3188050  | 50     | M8/10 | 97     | 84     | 20 x 1.25  | 600      | -   | 50            |
| 3188056  | 56     | M8/10 | 104    | 90     | 20 x 1.25  | 600      | -   | 50            |
| 3188058  | 58     | M8/10 | 109    | 91     | 20 x 1.25  | 600      | -   | 50            |
| 3188063  | 63     | M8/10 | 109    | 99     | 20 x 1.25  | 600      | -   | 50            |
| 3188075  | 75     | M8/10 | 125    | 109    | 20 x 1.50  | 600      | -   | 50            |
| 3188078  | 78     | M8/10 | 132    | 111    | 20 x 1.50  | 600      | -   | 25            |
| 3188090  | 90     | M8/10 | 142    | 128    | 23 x 2.00  | 1,400    | -   | 25            |
| 3188110  | 110    | M8/10 | 164    | 144    | 23 x 2.00  | 1,400    | -   | 25            |
| 3188125  | 125    | M8/10 | 181    | 159    | 23 x 2.00  | 1,400    | -   | 25            |
| 3188135  | 135    | M8/10 | 189    | 169    | 23 x 2.00  | 1,400    | -   | 25            |
| 3188160  | 160    | M8/10 | 225    | 196    | 25 x 2.50  | 1,700    | -   | 10            |
| 3188200  | 200    | M8/10 | 269    | 237    | 25 x 2.50  | 1,700    | -   | 10            |



## Bifix<sup>®</sup> G2

A premium product line with advanced design features for exceptional strength, fast installation, versatile uses and outstanding corrosion resistance.

For more information  
Please visit [walraven.com](http://walraven.com)

## Find out how we can support you

Would you like to find out more about any of the solutions described in this brochure?

Or would you like to discuss how we could help you find the best possible solution for your project? Get in touch today!

### United Kingdom Ireland

#### Walraven Ltd.

Thorpe Way, Banbury (GB)  
Oxon, OX16 4UU  
Tel. +44 (0)1295 75 34 00  
Fax +44 (0)1295 75 34 28  
sales.uk@walraven.com

### Other countries

#### Walraven International

Industrieweg 5  
3641 RK Mijdrecht (NL)  
Tel. +31 297 23 30 00  
Fax +31 297 23 30 99  
export@walraven.com

### Walraven Group

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