

## FLANGED HOT TAPPING SADDLES

### Characteristics

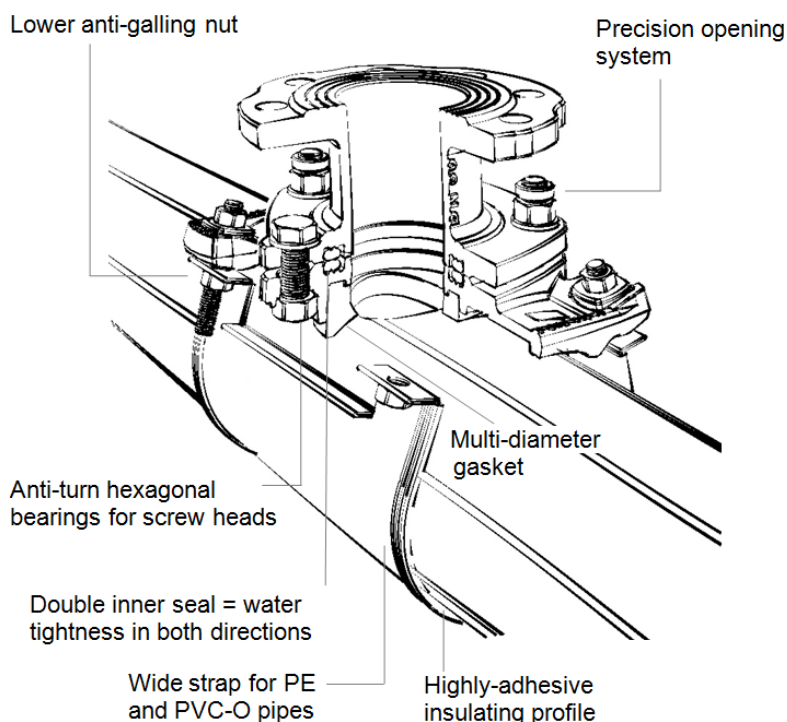
- ▶ Tapping saddle to create branches in underpressure water networks.
- ▶ Including 80x80 & 100x100 "size on size" version (table on the back).
- ▶ Tapping saddle with inner sealing in both directions.
- ▶ Sealing process by means of newly designed rotating shut-off blade.
- ▶ Designed according to the European standard EN 545.
- ▶ PN 16 – Permissible working pressure (PWP): 16 bar.
- ▶ Mounted on iron pipes with two 55mm **OPTIMQ** simple straps.
- ▶ For PE and PVC-O pipes use a 265-mm wide strap.
- ▶ Tapping saddle fitted with a multidiameter gasket.
- ▶ With open flap to make the strap fitting easier.
- ▶ Fitted with an anti-turn hexagon for the screw heads.

### MATERIALS

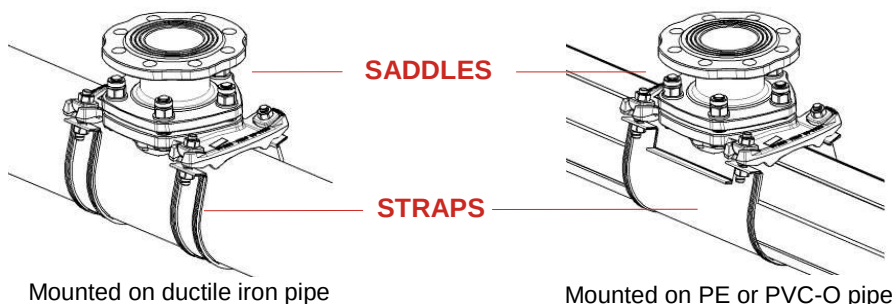
- ▶ EN-GJS-450-10 ductile iron body and spool.
- ▶ Epoxy coating approved for drinking water (250-500 microns)
- ▶ EPDM rubber gasket suitable for drinking water.
- ▶ 8.8 steel screws and nuts with Geomet coating.
- ▶ Straps, nuts and studs made of AISI 304 stainless steel.
- ▶ Straps with blue EPDM rubber insulating profile.



### Advantages



## FLANGED HOT TAPPING SADDLES



Mounted on ductile iron pipe

Mounted on PE or PVC-O pipe

## Codes, sizes and dimensions

| FLANGED HOT TAPPING SADDLES                     |            |                                    |              |                |                           |                               |                           |                           |
|-------------------------------------------------|------------|------------------------------------|--------------|----------------|---------------------------|-------------------------------|---------------------------|---------------------------|
| Code                                            | Size       | Range of use<br>Main pipe material |              |                | Height<br>on pipe<br>mm   | Diameter<br>flange(DIN)<br>mm | Cutter<br>diameter<br>mm  | Weight<br>per unit<br>kg. |
|                                                 |            | Iron                               | PE & PVC     | Fiber cement   |                           |                               |                           |                           |
| OQ04650                                         | DN 65-C    | 100-200                            | 160-180      | 100-200C       | 130                       | 185                           | 55                        | 11,290                    |
| OQ04660                                         | DN 65-D    | 150-250                            | 180-225      | 150-200        | 130                       | 185                           | 55                        | 11,310                    |
| OQ04690                                         | DN 65-E    | 200-350                            | 250-355      | 200E-350D      | 130                       | 185                           | 55                        | 11,330                    |
| OQ04740                                         | DN 80x80   | 80                                 | 90           | 80             | 130                       | 200                           | 70                        | 11,670                    |
| OQ04750                                         | DN 80-C    | 100-200                            | 160-180      | 100-200C       | 130                       | 200                           | 70                        | 11,620                    |
| OQ04760                                         | DN 80-D    | 150-250                            | 180-225      | 150-200        | 130                       | 200                           | 70                        | 11,630                    |
| OQ04790                                         | DN 80-E    | 200-350                            | 250-355      | 200E-350D      | 130                       | 200                           | 70                        | 11,650                    |
| OQ04850                                         | DN 100x100 | 100                                | 110          | 100            | 130                       | 200                           | 86                        | 13,200                    |
| OQ04860                                         | DN 100-D   | 150-200                            | 200-225      | 150C-200C      | 130                       | 220                           | 86                        | 13,130                    |
| OQ04890                                         | DN 100-E   | 200-350                            | 250-355      | 200E-350D      | 130                       | 220                           | 86                        | 13,100                    |
| SIMPLE STRAPS (for iron and fiber cement pipes) |            |                                    |              |                |                           |                               |                           |                           |
| Code                                            | Size       | Range of use<br>Main pipe material |              | Diameter range |                           | Pcs.<br>per box               | Weight<br>per unit<br>kg. |                           |
|                                                 |            | Iron                               | Fiber cement | Min.           | Max.                      |                               |                           |                           |
| OQ01040                                         | Nº 4       | 100                                | 100-C/D      | 110            | 125                       | 50                            | 0,450                     |                           |
| OQ01050                                         | Nº 5       | ---                                | 100-E/F      | 125            | 140                       | 50                            | 0,500                     |                           |
| OQ01060                                         | Nº 6       | 125                                | 125          | 140            | 160                       | 30                            | 0,520                     |                           |
| OQ01070                                         | Nº 7       | 150                                | 150-C/D      | 160            | 180                       | 30                            | 0,590                     |                           |
| OQ01080                                         | Nº 8       | ---                                | 150-E/F      | 180            | 200                       | 30                            | 0,630                     |                           |
| OQ01090                                         | Nº 9       | 175                                | 175          | 200            | 220                       | 30                            | 0,670                     |                           |
| OQ01100                                         | Nº 10      | 200                                | 200-C/D      | 220            | 245                       | 30                            | 0,720                     |                           |
| OQ01110                                         | Nº 11      | 225                                | 200-E/F      | 245            | 270                       | 30                            | 0,780                     |                           |
| OQ01120                                         | Nº 12      | 250                                | 250-C        | 270            | 290                       | 25                            | 0,830                     |                           |
| OQ01130                                         | Nº 13      | ---                                | 250-C/D/E    | 290            | 315                       | 25                            | 0,890                     |                           |
| OQ01140                                         | Nº 14      | 300                                | ---          | 315            | 335                       | 25                            | 0,940                     |                           |
| OQ01150                                         | Nº 15      | ---                                | 300-C/D      | 335            | 355                       | 25                            | 0,990                     |                           |
| OQ01160                                         | Nº 16      | 350                                | ---          | 375            | 395                       | ---                           | 1,090                     |                           |
| OQ01170                                         | Nº 17      | ---                                | 350-C/D      | 395            | 415                       | ---                           | 1,140                     |                           |
| WIDE STRAPS (for PE and oriented PVC pipes )    |            |                                    |              |                |                           |                               |                           |                           |
| Code                                            | Size       | Range of use<br>Main pipe material |              |                | Weight<br>per unit<br>kg. |                               |                           |                           |
|                                                 |            | PE                                 |              | kg.            |                           |                               |                           |                           |
| OQ02050                                         | 160        | 160                                |              | 160            | 2,020                     |                               |                           |                           |
| OQ02055                                         | 180        | 180                                |              | 180            | 2,200                     |                               |                           |                           |
| OQ02060                                         | 200        | 200                                |              | 200            | 2,480                     |                               |                           |                           |
| OQ02070                                         | 225        | 225                                |              | 225            | 2,610                     |                               |                           |                           |
| OQ02080                                         | 250        | 250                                |              | 250            | 3,030                     |                               |                           |                           |
| OQ02085                                         | 280        | 280                                |              | 280            | 3,300                     |                               |                           |                           |
| OQ02090                                         | 315        | 315                                |              | 315            | 3,670                     |                               |                           |                           |
| OQ02095                                         | 355        | 355                                |              | 355            | 4,150                     |                               |                           |                           |