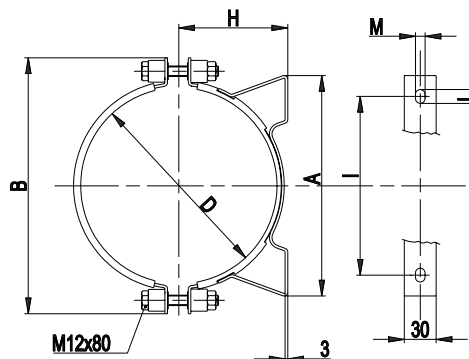
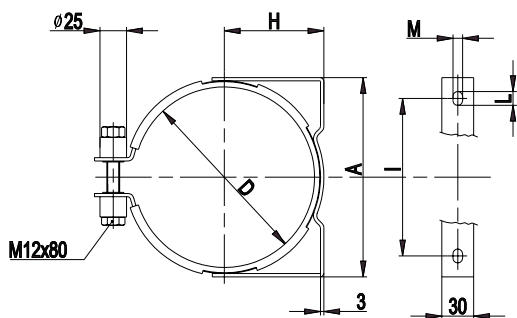


**15.1 General**

The fixing must be done in such a way as to not lie with outward stresses on the shell or on the accumulator connection. Especially for the horizontal assembling and for the most heavy types is necessary to use fixing equipments (clamps, brackets, etc...) that support the accumulator and avoid dangerous vibrations.

**15.2 Construction**

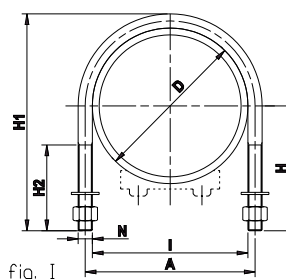
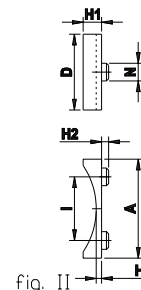
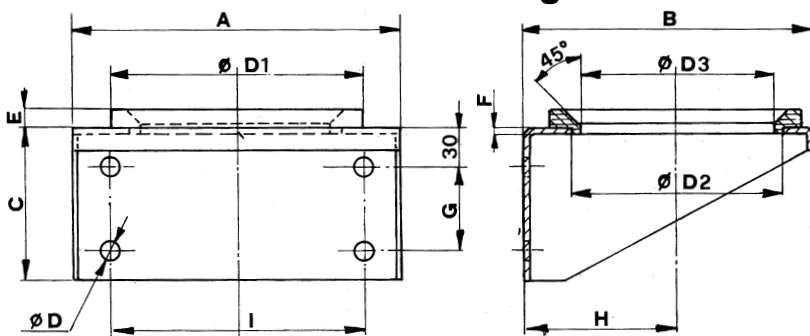
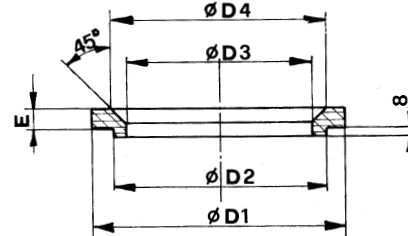
Clamps and brackets are manufactured of galvanized carbon steel but, on request, they can be supplied entirely in stainless steel. The support ring are of nitril rubber 80°Sh. On request can be used other elastomers.

**15.3**
**Clamps**

**Dimensions and order code**

| Accumulator Type | Accumulator Max. press. (bar) | Order code | Fig. | Weight (kg) | A   | B   | D         | H         | I   | L  | M  |
|------------------|-------------------------------|------------|------|-------------|-----|-----|-----------|-----------|-----|----|----|
| AS 0,7           | 360 - 550                     | 10155      | I    | 0,65        | 125 | —   | 89 ÷ 93   | 53 ÷ 55   | 90  | 13 | 9  |
| AS 1-1,5-3       | 80 - 360                      | 10157      | II   | 0,85        | 135 | 194 | 114 ÷ 122 | 66 ÷ 70   | 100 | 13 | 9  |
| AS 5             | 80 - 360                      | 10250      | II   | 1,1         | 185 | 251 | 167 ÷ 176 | 95 ÷ 100  | 146 | 13 | 9  |
| AS 10 ÷ 55       | 30 - 360                      | 10410      | II   | 1,35        | 298 | 285 | 215 ÷ 227 | 120 ÷ 126 | 216 | 20 | 10 |

**15.4 U-Bolt clamps and plastic pipe saddles**
**Dimensions and order codes**

| Accumulator Type   | Order code | Fig. | Weight (kg) | A   | D   | H   | H1  | H2 | I   | N   |
|--------------------|------------|------|-------------|-----|-----|-----|-----|----|-----|-----|
| AS1 - 1,5 - 3      | 11468      | I    | 0.12        | 123 | 115 | 84  | 149 | 35 | 115 | M8  |
| ASA 1/4            | 11475      | II   | ...         | 75  | 70  | 8   | 17  | 10 | 40  | 15  |
| AS 5               | 11469      | I    | 1.74        | 178 | 168 | 118 | 211 | 45 | 168 | M10 |
| ASA 1              | 11476      | II   | ...         | 140 | 75  | 8   | 26  | 10 | 90  | 25  |
| AS 10:55 ASS 10:55 | 11470      | I    | 2.75        | 236 | 220 | 157 | 282 | 60 | 220 | M16 |
| ASA 2.5:15 BB52    | 11477      | II   | ...         | 140 | 75  | 8   | 26  | 10 | 90  | 25  |

**U-Bolt clamps**

**Plastic pipe saddles**

**15.5**
**Bracket with ring**

**Support ring**

**Dimensions and order code**

| Accumulator Type | Order code Bracket with ring | Order code Support ring | Weight (kg) | A   | B   | C   | ø D | ø D1 | ø D2 | ø D3 | ø D4 | E  | F | G  | H   | I   |
|------------------|------------------------------|-------------------------|-------------|-----|-----|-----|-----|------|------|------|------|----|---|----|-----|-----|
| AS 5             | 10263                        |                         | 1,5         | 200 | 175 | 90  | 11  | 140  | 120  | 90   |      | 10 | 3 | 40 | 96  | 140 |
| AS 10 ÷ 55       | 10363                        |                         | 3,6         | 260 | 232 | 120 | 17  | 200  | 170  | 150  |      | 15 | 3 | 70 | 125 | 200 |
| AS 1 ÷ 5         |                              | 10266                   | 0,13        |     |     |     |     | 140  | 120  | 90   | 112  | 10 |   |    |     |     |
| AS 10 ÷ 55       |                              | 10345                   | 0,22        |     |     |     |     | 200  | 170  | 150  | 175  | 15 |   |    |     |     |