

**Metal elbows**



3863 27

**90° FF elbow front inspection**

Female-female metal elbow, with front inspection cover, supplied with bolts and screws. The cover has a splash guard with a gasket seal.

**ISO thread**

| pack (pcs) | cat. nos. | thread size | rta cat. nos. |
|------------|-----------|-------------|---------------|
| 1          | 3863 26   | M16x1.5     | 86326         |
| 1          | 3863 27   | M20x1.5     | 86327         |
| 1          | 3863 28   | M25x1.5     | 86328         |
| 1          | 3863 29   | M32x1.5     | 86329         |

**Gas thread**

| pack (pcs) | cat. nos. | thread size | rta cat. nos. |
|------------|-----------|-------------|---------------|
| 1          | 3863 21   | G1/4"       | 86321         |
| 1          | 3863 22   | G3/8"       | 86322         |
| 1          | 3863 23   | G1/2"       | 86323         |
| 1          | 3863 24   | G3/4"       | 86324         |
| 1          | 3863 25   | G1"/4       | 86325         |

**Metal elbows**

**Curva 90° FF**

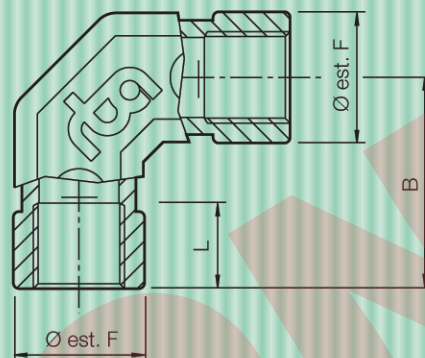
**Characteristics:**  
material:

body: sandblasted aluminium  
Sg Al Si 1/GD UNI 5079  
cover: galvanized steel plate  
galvanizing: min. 2 µm  
thermosetting elastomer gasket

temperature rating:  
index of protection:

-20°C +100°C  
IP65

**Dimensions:**



| ISO thread | DIMENSIONS (mm) |    |         |
|------------|-----------------|----|---------|
| Cat. nos.  | L               | B  | Ø ext F |
| 3863 26    | 15              | 37 | 23      |
| 3863 27    | 15              | 40 | 27      |
| 3863 28    | 16              | 50 | 34      |
| 3863 29    | 22              | 62 | 44      |

| Gas thread | DIMENSIONS (mm) |    |         |
|------------|-----------------|----|---------|
| Cat. nos.  | L               | B  | Ø ext F |
| 3863 21    | 15              | 37 | 23      |
| 3863 22    | 15              | 37 | 23      |
| 3863 23    | 15              | 40 | 27      |
| 3863 24    | 16              | 50 | 34      |
| 3863 25    | 22              | 62 | 44      |

**Metal elbows**



3864 42

**90° MF elbow side inspection**

Male-female metal elbow, with side inspection cover, supplied with bolts and screws. The cover has a splash guard with a gasket seal.

**ISO thread**

| pack (pcs) | cat. nos. | thread size | rt a cat. nos. |
|------------|-----------|-------------|----------------|
| 1          | 3864 41   | M16x1.5     | 86441          |
| 1          | 3864 42   | M20x1.5     | 86442          |
| 1          | 3864 43   | M25x1.5     | 86443          |
| 1          | 3864 44   | M32x1.5     | 86444          |

**PG thread**

| pack (pcs) | cat. nos. | thread size | rt a cat. nos. |
|------------|-----------|-------------|----------------|
| 1          | 3863 51   | PG7         | 86351          |
| 1          | 3863 52   | PG9         | 86352          |
| 1          | 3863 53   | PG11        | 86353          |
| 1          | 3863 54   | PG13.5      | 86354          |
| 1          | 3863 55   | PG16        | 86355          |
| 1          | 3863 56   | PG21        | 86356          |
| 1          | 3863 57   | PG29        | 86357          |

**Gas thread**

| pack (pcs) | cat. nos. | thread size | rt a cat. nos. |
|------------|-----------|-------------|----------------|
| 1          | 3863 41   | G1/4"       | 86341          |
| 1          | 3863 42   | G3/8"       | 86342          |
| 1          | 3863 43   | G1/2"       | 86343          |
| 1          | 3863 44   | G3/4"       | 86344          |
| 1          | 3863 45   | G1" / 4     | 86345          |

**Metal elbows**

**90° MF elbow**

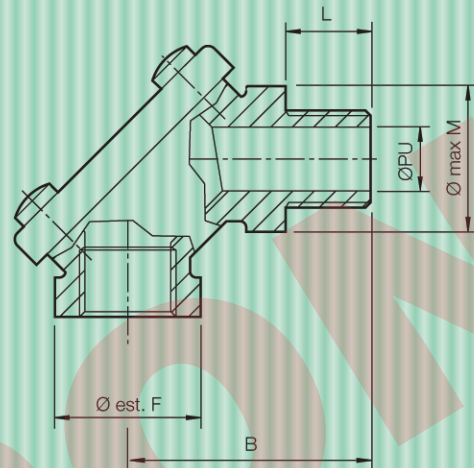
**Characteristics:**  
material:

body: sandblasted steel  
Sg Al Si 1/GD UNI 5079  
cover: die-cast sandblasted aluminium  
GD Al Si 12 Cu 2 Fe UNI 5076-74  
thermosetting elastomer gasket

temperature rating:  
index of protection:

-20°C +100°C  
IP65

**Dimensions:**



| ISO thread | DIMENSIONS (mm) |      |      |    |         |
|------------|-----------------|------|------|----|---------|
|            | Cat. nos.       | Ø PU | L    | B  | Ø est F |
| 3864 41    | 10.5            | 14   | 26   | 24 | 24      |
| 3864 42    | 15              | 14   | 31.5 | 29 | 29      |
| 3864 43    | 19.5            | 14   | 42.5 | 37 | 37      |
| 3864 44    | 25              | 20   | 47.5 | 47 | 47      |

| PG thread | DIMENSIONS (mm) |      |      |    |         |
|-----------|-----------------|------|------|----|---------|
|           | Cat. nos.       | Ø PU | L    | B  | Ø est F |
| 3863 51   | 8.5             | 14   | 26.5 | 24 | 24      |
| 3863 52   | 8.5             | 14   | 26.5 | 24 | 24      |
| 3863 53   | 10.5            | 14   | 26.5 | 24 | 24      |
| 3863 54   | 15              | 14   | 31.5 | 29 | 29      |
| 3863 55   | 15              | 14   | 31.5 | 29 | 29      |
| 3863 56   | 19.5            | 14   | 43   | 37 | 37      |
| 3863 57   | 25              | 20   | 47.5 | 47 | 47      |

| Gas thread | DIMENSIONS (mm) |      |      |    |         |
|------------|-----------------|------|------|----|---------|
|            | Cat. nos.       | Ø PU | L    | B  | Ø est F |
| 3863 41    | 8.5             | 14   | 26.5 | 24 | 24      |
| 3863 42    | 10.5            | 14   | 26.5 | 24 | 24      |
| 3863 43    | 15              | 14   | 31.5 | 29 | 29      |
| 3863 44    | 19.5            | 14   | 43   | 37 | 37      |
| 3863 45    | 25              | 20   | 47   | 47 | 47      |

**Metal elbows**



3863 13

**90° FF elbow side inspection**

Female-female metal elbow, with side inspection cover, supplied with bolts and screws. The cover has a splash guard with a gasket seal.

**ISO thread**

| pack (pcs) | cat. nos. | thread size | rtA cat. nos. |
|------------|-----------|-------------|---------------|
| 1          | 3864 31   | M16x1.5     | 86431         |
| 1          | 3864 32   | M20x1.5     | 86432         |
| 1          | 3864 33   | M25x1.5     | 86433         |
| 1          | 3864 34   | M32x1.5     | 86434         |
| 1          | 3864 35   | M40x1.5     | 86435         |
| 1          | 3864 36   | M50x1.5     | 86436         |
| 1          | 3864 37   | M63x1.5     | 86437         |

**PG thread**

| pack (pcs) | cat. nos. | thread size | rtA cat. nos. |
|------------|-----------|-------------|---------------|
| 1          | 3863 11   | PG7         | 86311         |
| 1          | 3863 12   | PG9         | 86312         |
| 1          | 3863 13   | PG11        | 86313         |
| 1          | 3863 14   | PG13.5      | 86314         |
| 1          | 3863 15   | PG16        | 86315         |
| 1          | 3863 16   | PG21        | 86316         |
| 1          | 3863 17   | PG29        | 86317         |
| 1          | 3863 18   | PG36        | 86318         |
| 1          | 3863 19   | PG42        | 86319         |
| 1          | 3863 20   | PG48        | 86320         |

**Gas thread**

| pack (pcs) | cat. nos. | thread size | rtA cat. nos. |
|------------|-----------|-------------|---------------|
| 1          | 3863 01   | G1/4"       | 86301         |
| 1          | 3863 02   | G3/8"       | 86302         |
| 1          | 3863 03   | G1/2"       | 86303         |
| 1          | 3863 04   | G3/4"       | 86304         |
| 1          | 3863 05   | G1"         | 86305         |
| 1          | 3863 06   | G1 1/4"     | 86306         |
| 1          | 3863 07   | G1 1/2"     | 86307         |
| 1          | 3863 08   | G2"         | 86308         |

**Metal elbows**

**90° FF elbow**

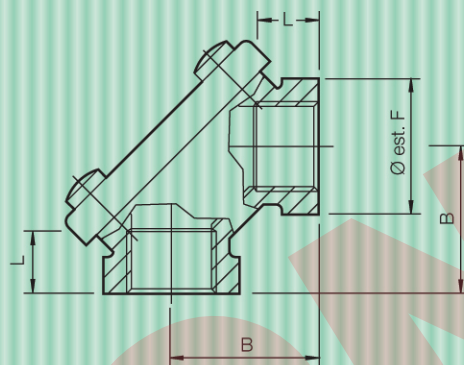
**Characteristics:**  
material:

body: sandblasted steel  
Sg Al Si 1/GD UNI 5079  
cover: die-cast sandblasted aluminium  
GD Al Si 12 Cu 2 Fe UNI 5076-74  
thermosetting elastomer gasket

temperature rating:  
index of protection:

-20°C +100°C  
IP65

**Dimensions:**



| ISO thread | DIMENSIONS (mm) |      |         |
|------------|-----------------|------|---------|
| Cat. nos.  | L               | B    | Ø ext F |
| 3864 31    | 12              | 26   | 24      |
| 3864 32    | 13              | 31.5 | 27.5    |
| 3864 33    | 15              | 43   | 37      |
| 3864 34    | 14              | 47.5 | 47      |
| 3864 35    | 16              | 61   | 60      |
| 3864 36    | 16              | 61   | 60      |
| 3864 37    | 18              | 70.5 | 70      |

| PG thread | DIMENSIONS (mm) |      |         |
|-----------|-----------------|------|---------|
| Cat. nos. | L               | B    | Ø ext F |
| 3863 11   | 12              | 26   | 24      |
| 3863 12   | 12              | 26   | 24      |
| 3863 13   | 10              | 26.5 | 24      |
| 3863 14   | 12              | 31.5 | 27.5    |
| 3863 15   | 12              | 31.5 | 29      |
| 3863 16   | 15              | 43   | 37      |
| 3863 17   | 14              | 47.5 | 47      |
| 3863 18   | 16              | 61   | 60      |
| 3863 19   | 16              | 61   | 60      |
| 3863 20   | 18              | 70   | 70      |

| Gas thread | DIMENSIONS (mm) |      |         |
|------------|-----------------|------|---------|
| Cat. nos.  | L               | B    | Ø ext F |
| 3863 01    | 12              | 26   | 24      |
| 3863 02    | 10              | 26.5 | 24      |
| 3863 03    | 12              | 31.5 | 27.5    |
| 3863 04    | 15              | 43   | 37      |
| 3863 05    | 14              | 47.5 | 47      |
| 3863 06    | 16              | 61   | 60      |
| 3863 07    | 16              | 61   | 60      |
| 3863 08    | 18              | 70.5 | 70      |

### Junction boxes



3871 21



3871 26

### ATEX junction boxes

Die-cast aluminium boxes arranged for earthing and components fixing. Supplied complete with internal fixing screws.

| pack (pcs) | cat. nos. | dimensions  |
|------------|-----------|-------------|
| 1          | 3871 20   | 89x89x65    |
| 1          | 3871 21   | 129x104x65  |
| 1          | 3871 22   | 155x130x65  |
| 1          | 3871 23   | 179x154x90  |
| 1          | 3871 24   | 239x204x90  |
| 1          | 3871 25   | 290x250x120 |

### Isometric drilling jig

Silk screen aluminium jig to assist the drilling of CT junction boxes.

| pack (pcs) | cat. nos. | description | ra. cat. nos. |
|------------|-----------|-------------|---------------|
| 1          | 3871 26   | Silk screen | CT100         |

### Junction boxes

#### Junction boxes

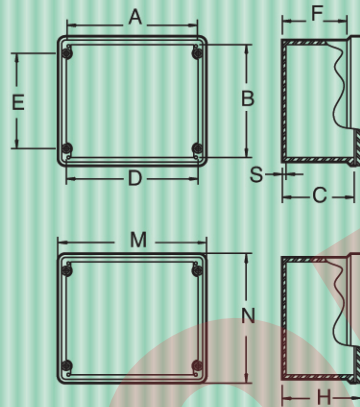
**Characteristics:**  
material:

body and cover: sandblasted aluminium  
GD Al Si 12 Cu 2 Fe UNI 5076-74  
thermosetting elastomer gasket

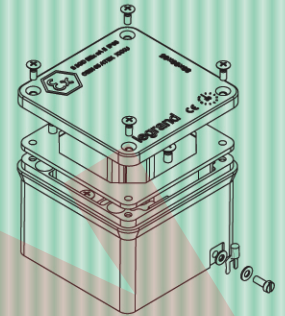
temperature rating:  
index of protection:

-20°C +100°C  
IP67

#### Dimensions:



#### Earthing kit:



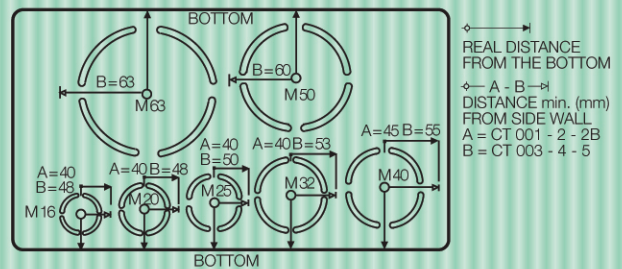
for cable 4 to 6 mm<sup>2</sup>

| junction boxes | DIMENSIONS (mm) |     |     |     |     |     |     |     |     |     |   |
|----------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|
|                | Cat. nos.       | A   | B   | C   | D   | E   | F   | S   | M   | N   | H |
| 3871 20        | 89              | 89  | 65  | 80  | 60  | 55  | 2   | 98  | 98  | 73  |   |
| 3871 21        | 129             | 104 | 65  | 120 | 75  | 55  | 2   | 138 | 113 | 73  |   |
| 3871 22        | 155             | 130 | 65  | 145 | 100 | 55  | 2.5 | 170 | 145 | 73  |   |
| 3871 23        | 179             | 154 | 90  | 170 | 125 | 77  | 2.5 | 190 | 165 | 100 |   |
| 3871 24        | 239             | 204 | 90  | 230 | 175 | 77  | 2.5 | 250 | 215 | 100 |   |
| 3871 25        | 290             | 250 | 120 | 280 | 220 | 109 | 3   | 305 | 265 | 130 |   |

F = available space to fix the connector

### Drilling jig

#### Dimensions:



#### Possible drilling following ATEX certificate

| Junction boxes | Drill side |              |                        |              |                         |              |
|----------------|------------|--------------|------------------------|--------------|-------------------------|--------------|
|                | Cat. N°    | Max drill N° | N° of drills long side | ∅ drill (mm) | N° of drills short side | ∅ drill (mm) |
| 3871 20        | 4          | 1            | 1                      | 16,5         | 1                       | 20,5         |
| 3871 21        | 4          | 1            | 1                      | 16,5         | 1                       | 20,5         |
| 3871 22        | 4          | 1            | 1                      | 20,5         | 1                       | 25,5         |
| 3871 23        | 6          | 2            | 2                      | 25,5         | 1                       | 32,5         |
| 3871 24        | 6          | 2            | 2                      | 32,5         | 1                       | 40,5         |
| 3871 25        | 6          | 2            | 2                      | 40,5         | 1                       | 51/64        |