

## Connection angles



### Material

Glass-fibre reinforced polyamide-based technopolymer (PA). Resistant to solvents, oils, greases and other chemical agents.

### Colour

Grey similar to RAL 7046, matte finish.

### Assembly

Execution **A**: with two slots for M8 screws, not supplied.

Execution **F**: with two holes for M8 screws, not supplied, with centering slides.

Execution **AF**: with slot and hole for M8 screws, not supplied, with centering slides.

In case of assembly with two screws in the slot, we suggest you to use screws type UNI 9327 DIN 7984.

### Features and applications

SQT. connecting angles are particularly suitable for the assembly of industrial components such as metal profiles, protections and working planes. It can be used as a clamping element to assemble, in a very easy way, structures made out of aluminium profiles to protect and guarantee the safety of the operator during normal work on equipment, machines, etc....

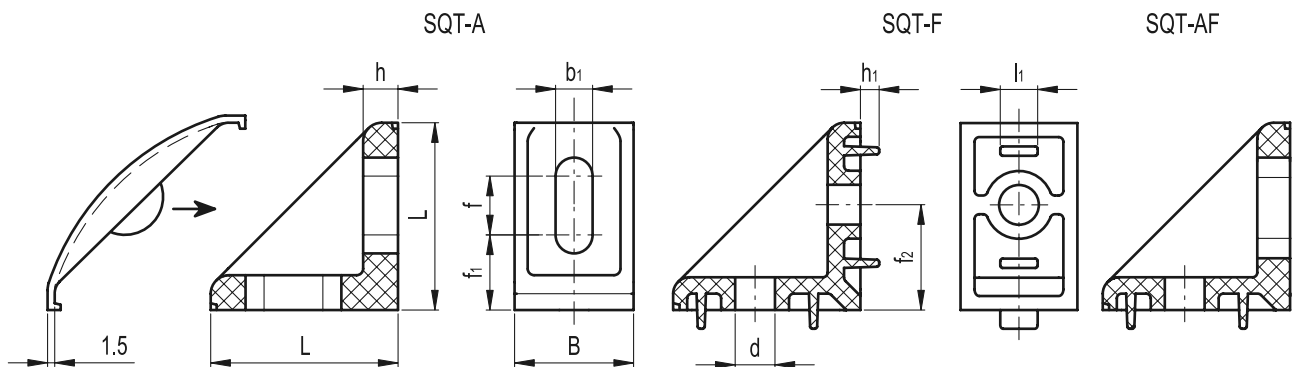
The shape, the sections and the material used to produce these connection angles guarantee high mechanical characteristics, dimensional stability and high resistance to temperature.

### Accessories on request

In order to avoid any deposit of dirt and dust on the connection angles, polyester based technopolymer (PBT) covers series CO.SQT in grey colour similar to RAL 7046, semi-glossy finish, are available on request, sold separately (see table).

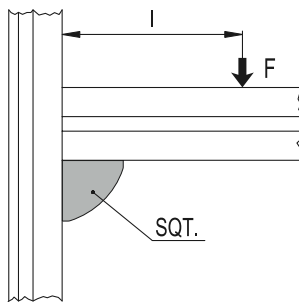
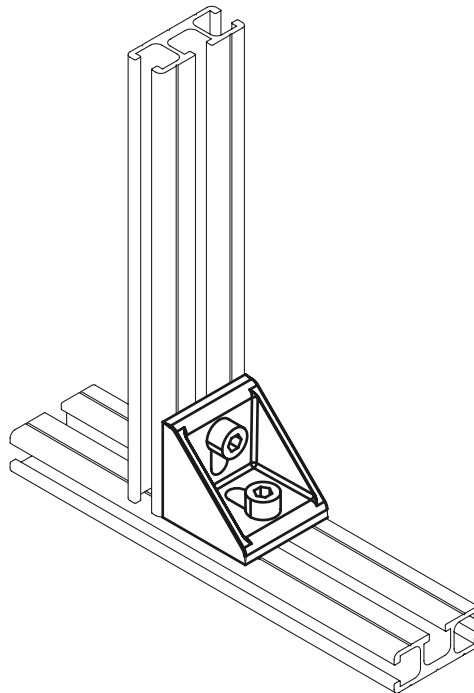


| Code   | Description  | Caps for  |
|--------|--------------|-----------|
| 156101 | CO.SQT.40-18 | SQT.40-18 |
| 156103 | CO.SQT.40-25 | SQT.40-25 |
| 156105 | CO.SQT.43-43 | SQT.43-43 |



| Standard Elements |                | Main dimensions |      |   |                |                | Fitting        |    |                |     |                | ⚖  |
|-------------------|----------------|-----------------|------|---|----------------|----------------|----------------|----|----------------|-----|----------------|----|
| Code              | Description    | L               | B    | h | h <sub>1</sub> | l <sub>1</sub> | b <sub>1</sub> | f  | f <sub>1</sub> | d   | f <sub>2</sub> | g  |
| 156111            | SQT.40-18-A-8  | 40              | 18.5 | 7 | -              | -              | 8.5            | 13 | 14.5           | -   | -              | 12 |
| 156113            | SQT.40-18-F-8  | 40              | 18.5 | 7 | 4              | 8              | -              | -  | -              | 8.5 | 22.5           | 14 |
| 156115            | SQT.40-18-AF-8 | 40              | 18.5 | 7 | 4              | 8              | 8.5            | 13 | 14.5           | 8.5 | 22.5           | 13 |
| 156121            | SQT.40-25-A-8  | 40              | 25   | 7 | -              | -              | 8.5            | 13 | 14.5           | -   | -              | 18 |
| 156123            | SQT.40-25-F-8  | 40              | 25   | 7 | 4              | 8              | -              | -  | -              | 8.5 | 22.5           | 20 |
| 156125            | SQT.40-25-AF-8 | 40              | 25   | 7 | 4              | 8              | 8.5            | 13 | 14.5           | 8.5 | 22.5           | 19 |
| 156131            | SQT.43-43-A-8  | 43              | 43   | 8 | -              | -              | 8.5            | 13 | 17             | -   | -              | 32 |

Application example



### Technical Data

For the correct use of the connecting angles, all the three conditions (F), (F\**l*), (Maximum tightening torque) must be verified.

| Standard Elements |                | F    | F • l | Maximum tightening torque |
|-------------------|----------------|------|-------|---------------------------|
| Code              | Description    | [N]  | [Nm]  | [Nm]                      |
| 156111            | SQT.40-18-A-8  | <600 | <25   | >5                        |
| 156113            | SQT.40-18-F-8  | <600 | <25   | >5                        |
| 156115            | SQT.40-18-AF-8 | <600 | <25   | >5                        |
| 156121            | SQT.40-25-A-8  | <700 | <30   | >5                        |
| 156123            | SQT.40-25-F-8  | <700 | <30   | >5                        |
| 156125            | SQT.40-25-AF-8 | <700 | <30   | >5                        |
| 156131            | SQT.43-43-A-8  | <750 | <35   | >5                        |