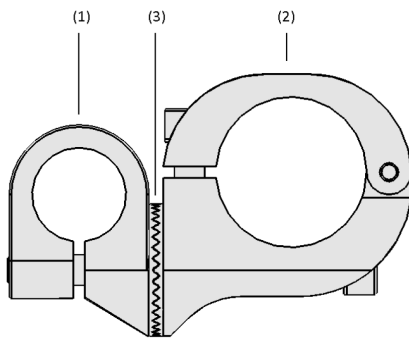


## Cross Beam Connectors (Geared) SXT-TC

Cross beam connector made of tube clamps 25 and 40 mm



Cross Beam Connectors (Geared) SXT-TC



System design Cross Beam Connectors (Geared) SXT-TC



Cross beam connector (geared) SXT-TC in combination with holders HT-SG and suction cups SAX when handling an automotive part

### Suitability for industry specific applications

#### Application

- Modular pipe clamp assembly with gearing for connecting holders and vacuum components to pipe tooling grippers for flexibly adjustable lightweight construction
- Wide range of uses for numerous applications with a minimum number of different components with gearing
- Suitable for all common tooling and quick-change systems for press shops and car body construction

#### Design

- Finished assembly of pipe clamps 25 and 40 mm (1), pipe clamps 25 and 40 mm (2)
- Gearing with 10° pitch (3)
- Male version in grey, attachable or clampable
- Female version in black, attachable

#### Product highlights

- High-strength tube clamp assembly with gearing for highly dynamic processes due to positive locking components
- Simple design and fast assembly due to clear portfolio
- Flexible angle adjustment with 10° pitch enables a wide range of applications

## Cross Beam Connectors (Geared) SXT-TC

Cross beam connector made of tube clamps 25 and 40 mm

### Designation code Cross Beam Connectors (Geared) SXT-TC

|               |   |           |   |          |   |           |
|---------------|---|-----------|---|----------|---|-----------|
| <b>SXT-TC</b> | – | <b>F4</b> | – | <b>0</b> | – | <b>C4</b> |
| <b>1</b>      |   | <b>2</b>  |   | <b>3</b> |   | <b>4</b>  |

#### 1 – Abbreviated designation

| Code   | Version                                |
|--------|----------------------------------------|
| SXT-TC | Connections (geared),<br>preconfigured |

#### 2 – Connection 1

| Code | Diameter in mm  |
|------|-----------------|
| F2   | ø 25 mm, female |
| F4   | ø 40 mm, female |
| F11N | ø 25.4, female  |

#### 3 – Adjustment angle

| Code | Angle                                      |
|------|--------------------------------------------|
| 0    | Straight connection<br>(without extension) |

#### 4 – Connection 2

| Code   | Diameter clamp in mm    |
|--------|-------------------------|
| C4     | ø 40, male, clampable   |
| M2     | ø 25, male              |
| M4     | ø 40, male              |
| M-A5   | ø 32, male, ball clamp  |
| C1.5IN | ø 38.1, male, clampable |

#### Selection Matrix Mounting Set SXT

| Component 1                                | Component 2      | Screw length | Mounting set   |
|--------------------------------------------|------------------|--------------|----------------|
| SXT-CON-GB-M-A3 /<br>SXT-CON-GB-M-A5       | SXT-CON-GB-F-D25 | M8x80        | 10.07.13.00181 |
|                                            | SXT-CON-GB-F-11N | M8x80        | 10.07.13.00181 |
|                                            | SXT-CON-GB-F-D40 | M8x90        | 10.07.13.00182 |
|                                            | SXT-EXT- ...     | M8x60        | 10.07.13.00177 |
|                                            | SXT-ANG-GB2-F    | M8x55        | 10.07.13.00176 |
| SXT-CON-GB-M-D25                           | SXT-CON-GB-F-D25 | M8x70        | 10.07.13.00179 |
|                                            | SXT-CON-GB-F-11N | M8x70        | 10.07.13.00179 |
|                                            | SXT-CON-GB-F-D40 | M8x80        | 10.07.13.00181 |
|                                            | SXT-EXT- ...     | M8x50        | 10.07.13.00175 |
|                                            | SXT-ANG-GB2-F    | M8x50        | 10.07.13.00175 |
| SXT-CON-GB-M-D40                           | SXT-CON-GB-F-D25 | M8x80        | 10.07.13.00181 |
|                                            | SXT-CON-GB-F-11N | M8x80        | 10.07.13.00181 |
|                                            | SXT-CON-GB-F-D40 | M8x90        | 10.07.13.00182 |
|                                            | SXT-EXT- ...     | M8x60        | 10.07.13.00177 |
|                                            | SXT-ANG-GB2-F    | M8x60        | 10.07.13.00177 |
| SXT-CON-GB-MO-1,5IN /<br>SXT-CON-GB-MO-D40 | SXT-CON-GB-F-D25 | M8x90        | 10.07.13.00182 |
|                                            | SXT-CON-GB-F-11N | M8x90        | 10.07.13.00182 |
|                                            | SXT-CON-GB-F-D40 | M8x100       | 10.07.13.00183 |
|                                            | SXT-EXT- ...     | M8x70        | 10.07.13.00179 |
|                                            | SXT-ANG-GB2-F    | M8x65        | 10.07.13.00178 |
| SXT-ANG-GB2-M                              | SXT-CON-GB-F-D25 | M8x45        | 10.07.13.00174 |
|                                            | SXT-CON-GB-F-11N | M8x45        | 10.07.13.00174 |
|                                            | SXT-CON-GB-F-D40 | M8x55        | 10.07.13.00176 |
|                                            | SXT-EXT- ...     | M8x30        | 10.07.13.00173 |
|                                            | SXT-ANG-GB2-F    | M8x25        | 10.07.13.00172 |

The cross beam connectors (geared) SCT-TC are delivered assembled.

Available spare parts: Mounting set SXT - consisting of screws, washers and springs

## Cross Beam Connectors (Geared) SXT-TC

Cross beam connector made of tube clamps 25 and 40 mm

### Ordering data Cross Beam Connectors (Geared) SXT-TC

| Type               | Part no.       |
|--------------------|----------------|
| SXT-TC-F2-0-C4     | 10.07.13.00156 |
| SXT-TC-F2-0-M2     | 10.07.13.00157 |
| SXT-TC-F2-0-M4     | 10.07.13.00155 |
| SXT-TC-F4-0-C4     | 10.07.13.00169 |
| SXT-TC-F4-0-M4     | 10.07.13.00168 |
| SXT-TC-F2-0-C1.5IN | 10.07.13.00214 |
| SXT-TC-F4-0-C1.5IN | 10.07.13.00435 |

### Ordering data Spare parts Cross Beam Connectors (Geared) SXT-TC

| Type               | Spare parts  | Part no.       |
|--------------------|--------------|----------------|
| SXT-TC-F2-0-C4     | Assembly set | 10.07.13.00182 |
| SXT-TC-F2-0-M2     | Assembly set | 10.07.13.00179 |
| SXT-TC-F2-0-M4     | Assembly set | 10.07.13.00181 |
| SXT-TC-F4-0-C4     | Assembly set | 10.07.13.00183 |
| SXT-TC-F4-0-M4     | Assembly set | 10.07.13.00182 |
| SXT-TC-F2-0-C1.5IN | Assembly set | 10.07.13.00182 |
| SXT-TC-F4-0-C1.5IN | Assembly set | 10.07.13.00182 |

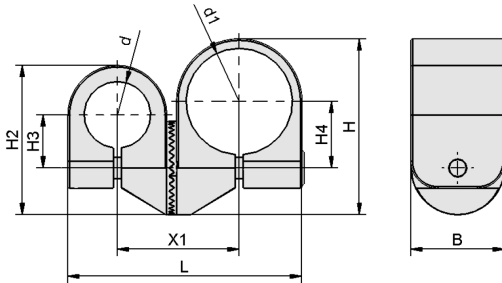
### Technical data Cross Beam Connectors (Geared) SXT-TC

| Type               | Weight [g] |
|--------------------|------------|
| SXT-TC-F2-0-C4     | 334        |
| SXT-TC-F2-0-M2     | 236        |
| SXT-TC-F2-0-M4     | 242        |
| SXT-TC-F4-0-C4     | 348        |
| SXT-TC-F4-0-M4     | 256        |
| SXT-TC-F2-0-C1.5IN | 344        |
| SXT-TC-F4-0-C1.5IN | 349        |

## Cross Beam Connectors (Geared) SXT-TC

Cross beam connector made of tube clamps 25 and 40 mm

### Design data Cross Beam Connectors (Geared) SXT-TC



SXT-TC

## Cross Beam Connectors (Geared) SXT-TC

Cross beam connector made of tube clamps 25 and 40 mm

### Design data Cross Beam Connectors (Geared) SXT-TC

| Type               | B [mm] | d [mm] | d1 [mm] | H [mm] | H2 [mm] | H3 [mm] | H4 [mm] | L [mm] | X1 [mm] |
|--------------------|--------|--------|---------|--------|---------|---------|---------|--------|---------|
| SXT-TC-F2-0-C4     | 35     | 25     | 40      | 69.5   | 56.0    | 20      | 26      | 106.8  | 46      |
| SXT-TC-F2-0-M2     | 35     | 25     | 25      | 56.0   | 56.0    | 20      | 20      | 77.3   | 41      |
| SXT-TC-F2-0-M4     | 35     | 25     | 40      | 66.0   | 56.0    | 20      | 25      | 87.8   | 46      |
| SXT-TC-F4-0-C4     | 35     | 40     | 40      | 69.5   | 66.0    | 25      | 26      | 116.8  | 61      |
| SXT-TC-F4-0-M4     | 35     | 40     | 40      | 66.0   | 66.0    | 25      | 25      | 97.8   | 51      |
| SXT-TC-F2-0-C1.5IN | 35     | 25     | 39      | 69.5   | 56.0    | 20      | 26      | 106.8  | 56      |
| SXT-TC-F4-0-C1.5IN | 35     | 40     | 39      | 69.5   | 66.0    | 25      | 26      | 116.8  | 61      |

### Multimedia product presentation

| Medium        | Link                                                                  |
|---------------|-----------------------------------------------------------------------|
| Product video | <a href="https://vimeo.com/408410930">https://vimeo.com/408410930</a> |