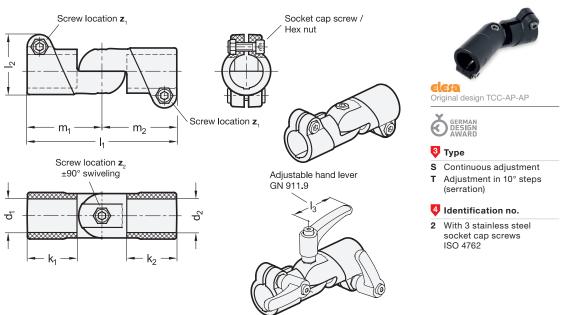
# **Swivel Clamp Connector Joints**

Plastic





| <b>U</b>               | 2                             |                       |                       |                |                |                |                |                                   |   |                                       |    |
|------------------------|-------------------------------|-----------------------|-----------------------|----------------|----------------|----------------|----------------|-----------------------------------|---|---------------------------------------|----|
| d <sub>1</sub><br>Bore | <b>d</b> <sub>2</sub><br>Bore | <b>k</b> <sub>1</sub> | <b>k</b> <sub>2</sub> | I <sub>1</sub> | l <sub>2</sub> | m <sub>1</sub> | m <sub>2</sub> | Z <sub>1</sub><br>Screw locations | <b>Z<sub>2</sub></b><br>Screw locations | Accessory<br>Recom. ha<br>GN 911.9 fo |    |
| B 30                   | B 30                          | 45                    | 45                    | 134            | 54             | 67             | 67             | M8-25                             | M8-25                                   | 63                                    | 78 |

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### Specification

Connector clamp

Plastic, Polyamide (PA)

- · Glass fiber reinforced
- Operating temperature -20 °C to +100 °C
- Black, RAL 9005, matte finish
  SW
- Gray, RAL 7040, matt finish GR

## Socket cap screw ISO 4762

Stainless steel AISI 301

#### Hex nuts DIN 985

Stainless steel AISI 301

Self-locking with polyamide ring

### RoHS

| Accessory                       | Page |  |
|---------------------------------|------|--|
| GN 990 Construction Tubes       |      |  |
| (Aluminum / Stainless Steel)    | QVX  |  |
| GN 290 Adapter Bushings         | QVX  |  |
| GN 911.9 Adjustable Hand Levers | QVX  |  |

In the initial position, the clamping bore axes of the swivel clamp connector joints GN 286.9 are in line with each other and can be swiveled by  $\pm 90^{\circ}$ . They hold typical construction tubes with full surface contact over the entire cross-section of the bore.

At the screw locations  $z_1$ , the socket cap screws reduce the bore cross-section for clamping. Adapter bushings GN 290 can be used to reduce the bore cross-sections to smaller diameters.

The screw location  $z_2$  serves for fixing the joint axis, which can be adjusted continuously or in  $10^\circ$  steps, depending on the type.

For clamping without tools, the socket cap screws can be replaced by the adjustable hand levers GN 911.9 listed in the table as accessory.

| see also                         | Page |
|----------------------------------|------|
| GN 276.9 Swivel Clamp Connectors | QVX  |
| Technical Information            |      |
| Load Rating Information          | QVX  |
| Plastic Characteristics          | QVX  |
| Stainless Steel Characteristics  | QVX  |

| How to order            | 1 | d <sub>1</sub>     |
|-------------------------|---|--------------------|
|                         | 2 | $d_2$              |
|                         | 3 | Туре               |
| 1 2 3 4 5               | 4 | Identification no. |
| GN 286.9-B30-B30-S-2-SW | 5 | Color              |

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