



**3 Identification no.**

2 With stainless steel socket cap screw DIN 912

<b>1</b> $d_1$ Bore	<b>2</b> $k$ Clamping length	$d_2$	$l_1$	$l_2$	$m$	$t$	$x$	$y_1$	$y_2$	$z$ Screw location for screw size	<b>Accessory</b> Recommended lever GN 911.9 for $z$ $l_3$	
B 18	29 1.14	5.2 0.20	41 1.61	29 1.14	18 0.71	5 0.20	34.5 1.36	52 2.05	40 1.57	M6-18	44 1.73	63 2.48
B 30	45 1.77	6.5 0.26	61.5 2.42	44 1.73	30 1.18	8 0.31	49.5 1.95	80 3.15	60 2.36	M8-25	63 2.48	78 3.07

Dimensions in: millimeters - inches

**Specification**

- Body  
Plastic  
Technopolymer (Polyamide PA)  
- Glass fiber reinforced  
- Temperature resistant up to 212 °F (100 °C)  
- Black, RAL 9005, matte finish **● SW**  
- Gray, RAL 7040, matte finish **● GR**  
- Blue, RAL 5005, matte finish **● VDB**  
FDA compliant plastic granulate  
Visually detectable
- Socket cap screw DIN 912  
Stainless steel AISI 304
- Hex nut DIN 985  
- Stainless steel AISI 304  
- Self-locking with polyamide ring
- Load Rating Information → page QVX
- Plastic Characteristics → page QVX
- Stainless Steel Characteristics → page QVX
- RoHS compliant

**Information**

The clamping bore axis of the flanged connector clamps EN 146.9 lies on a plane parallel to the surface of the flange. It holds typical construction tubes with full surface contact over the entire cross-section of the bore.

At the screw location  $z$ , the socket cap screw reduces the bore cross-section for clamping. Adapter bushings EN 290 can be used to reduce the bore cross-sections to a smaller diameter.

For clamping without tools, the socket cap screw can be replaced by one of the adjustable levers GN 911.9 listed in the table as accessories.

The plastic used in version VDB is made from blue, visually detectable and FDA compliant plastic granulate as per FDA CFR.21 and EU 10/2011.

see also...

- Construction Tubes GN 990 → page QVX

**Accessory**

- Adapter bushings EN 290 → page QVX
- Adjustable levers GN 911.9 → page QVX

<p>How to order</p> <p><b>EN 146.9-B30-45-2-SW</b></p>	<b>1</b> Bore $d_1$
	<b>2</b> Clamping length $k$
	<b>3</b> Identification no.
	<b>4</b> Color