



1 d₁ Bore	2 k Clamping length	d₂	l₁	l₂	m	t	x	y₁	y₂	z Screw location	Accessory Recom. hand lever GN 911.9 for z l₃
B 18	29	5,2	41	29	18	5	34,5	52	40	M6-18	44 63
B 30	45	6,5	61,5	44	30	8	49,5	80	60	M8-25	63 78

Specification

Connector clamp
Plastic, Polyamide (PA)

- Glass fiber reinforced
- Operating temperature -20 °C to +100 °C
- Color
 - Black, RAL 9005, matte finish
 - Gray, RAL 7040, matt finish
 - Blue, RAL 5005, matte finish

FDA compliant material
Visually detectable

Socket cap screws 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

3

4

SW

GR

VDB

The clamping bore axis of the flanged connector clamps GN 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 GN 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 hand 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...	Page
GN 146 Flanged Connector Clamps (Aluminum)	QVX
GN 146.5 Flanged Connector Clamps (Stainless Steel)	QVX
GN 146.6 Flanged Connector Clamps (Stainless Steel)	QVX

Technical Information	
Load Rating Information	QVX
Plastic Characteristics	QVX
Stainless Steel Characteristics	QVX

How to order

1

2

3

4

GN 146.9-B30-45-2-GR

1	d ₁
2	k
3	Identification no.
4	Color