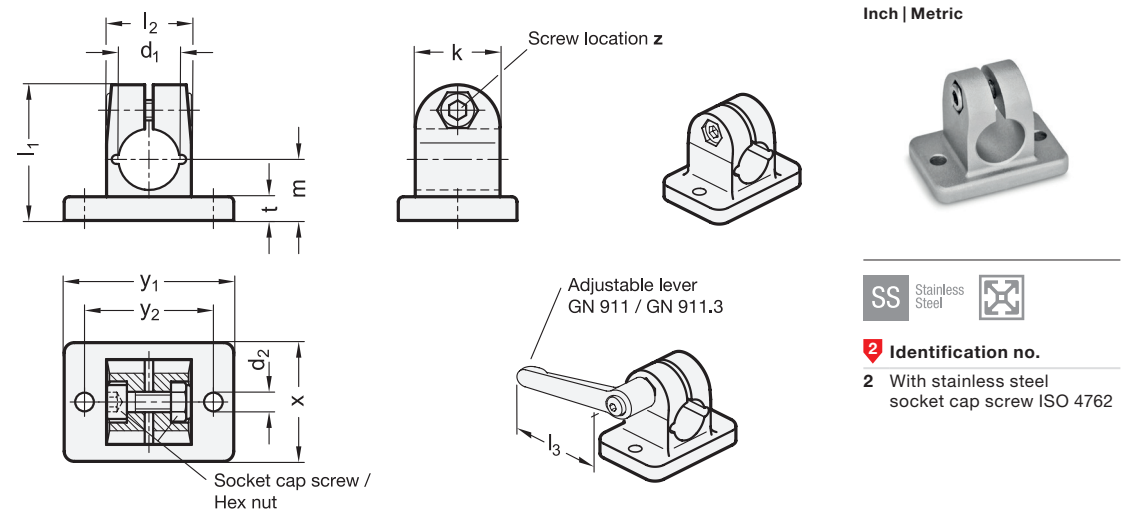




Specification

3

Mounting clamp

• Aluminum

- Powder coated

Black, RAL 9005, textured finish

- Plain finish, Matte shot-blasted finish

• Stainless steel AISI CF-8

Matte shot-blasted finish

(only available in metric sizes)

● SW

○ BL

NI

Socket cap screws ISO 4762

Stainless steel A2

Hex nuts DIN 985

Stainless steel A2

Self-locking via polyamide ring

RoHS

The clamping bore of the flanged connector clamps GN 145 is mechanically machined and designed for construction tubes GN 990 or DIN 2391, DIN 2395 and DIN 2462.

Flanged connector clamps GN 145 can also be mounted to profile systems.

At the screw location z, the socket cap screw reduces the bore cross-section for clamping.

For clamping without tools, the socket cap screw can be replaced by an adjustable levers GN 911 / GN 911.3 listed in the table as accessory.

see also...	Page
GN 473 Base Plate Mounting Clamps (Aluminum)	QVX
GN 990 Construction Tubes (Aluminum / Stainless Steel)	QVX
GN 480.1 Round Rods / Tubes (Stainless Steel)	QVX

Technical Information

Stainless Steel Characteristics

QVX

Accessory

GN 911 Adjustable Levers

QVX

GN 911.3 Adjustable Levers

QVX

How to order (Aluminum)	1 Bore d ₁
	2 Identification no.
	3 Finish
GN 145-B1/2-2-SW	

How to order (Stainless steel)	1 Bore d ₁
	2 Identification no.
	3 Material
GN 145-B12-2-NI	

Inch table



Dimensions in: inches / millimeters

d ₁ Aluminum	d ₂	k Clamping length	l ₁	l ₂	m	t	x	y ₁	y ₂	z Screw location for screw size	Accessory Recom. lever GN 911 for z l₃	
B 1/2	0.22 5.5	0.98 25	1.57 40	0.98 25	0.71 18	0.28 7	1.38 35	1.97 50	1.50 38	M6-20	1.77 45	2.48 63
B 5/8	0.22 5.5	0.98 25	1.57 40	0.98 25	0.71 18	0.28 7	1.38 35	1.97 50	1.50 38	M6-20	1.77 45	2.48 63
B 3/4	0.22 5.5	0.98 25	1.57 40	0.98 25	0.71 18	0.28 7	1.38 35	1.97 50	1.50 38	M6-20	1.77 45	2.48 63

Metric table



Dimensions in: millimeters / inches

d ₁		d ₂	k	l ₁	l ₂	m	t	x	y ₁	y ₂	z Screw location for screw size	Accessory Recom. lever for z			
Aluminum	Stainless steel		Clamping length									GN 911 for aluminum l₃		GN 911.3 for stainless steel l₃	
B 10	-	5.5 0.22	25 0.98	40 1.57	25 0.98	18 0.71	7 0.28	35 1.38	50 1.97	38 1.50	M6-20	63 2.48	-	-	-
B 12	B 12	5.5 0.22	25 0.98	40 1.57	25 0.98	18 0.71	7 0.28	35 1.38	50 1.97	38 1.50	M6-20	45 1.77	63 2.48	-	-
B 14	B 14	5.5 0.22	25 0.98	40 1.57	25 0.98	18 0.71	7 0.28	35 1.38	50 1.97	38 1.50	M6-20	45 1.77	63 2.48	-	-
B 15	B 15	5.5 0.22	25 0.98	40 1.57	25 0.98	18 0.71	7 0.28	35 1.38	50 1.97	38 1.50	M6-20	45 1.77	63 2.48	-	-
B 16	B 16	5.5 0.22	25 0.98	40 1.57	25 0.98	18 0.71	7 0.28	35 1.38	50 1.97	38 1.50	M6-20	45 1.77	63 2.48	-	-
B 18	B 18	5.5 0.22	25 0.98	40 1.57	25 0.98	18 0.71	7 0.28	35 1.38	50 1.97	38 1.50	M6-20	45 1.77	63 2.48	63 2.48	-
-	B 20	5.5 0.22	25 0.98	40 1.57	25 0.98	18 0.71	7 0.28	35 1.38	50 1.97	38 1.50	M6-20	-	-	45 1.77	63 2.48