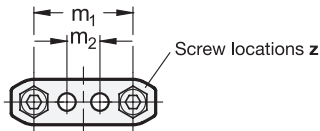
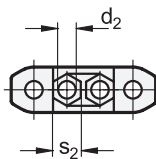
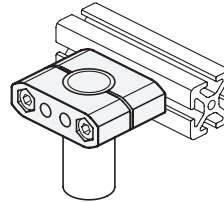


Socket cap screw /  
Hex nut



Application example:  
Tube support mounted  
on aluminum profile



Metric



2 Identification no.

2 With 2 stainless steel  
socket cap screws DIN 912

Metric table



Dimensions in: millimeters - inches

d <sub>1</sub> Bore							d <sub>2</sub>	k Clamping length	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	m <sub>1</sub>	m <sub>2</sub>	s <sub>2</sub>	z Screw locations for screw size
B 8	B 10	B 12	B 14	B 15	B 16	B 18	6.2 0.24	17 0.67	52 2.05	38 1.50	3.5 0.14	36 1.42	10.5 0.41	10 0.39	M6-30
B 20	B 25	B 30	-	-	-	-	8.5 0.33	22 0.87	70 2.76	55 2.17	4 0.16	48 1.89	16 0.63	13 0.51	M8-45
B 40	B 42	B 45	B 48	B 50	-	-	11 0.43	27 1.06	100 3.94	80 3.15	5 0.20	73 2.87	30 1.18	17 0.67	M10-65
B 60	-	-	-	-	-	-	11 0.43	27 1.06	100 3.94	90 3.54	5 0.20	78 3.07	30 1.18	17 0.67	M10-75



s <sub>1</sub> Square							d <sub>2</sub>	k Clamping length	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	m <sub>1</sub>	m <sub>2</sub>	s <sub>2</sub>	z Screw locations for screw size
V 8	V 10	V 12	V 14	V 15	V 16	V 18	6.2 0.24	17 0.67	52 2.05	38 1.50	3.5 0.14	36 1.42	10.5 0.41	10 0.39	M6-30
V 20	V 25	V 30	-	-	-	-	8.5 0.33	22 0.87	70 2.76	55 2.17	4 0.16	48 1.89	16 0.63	13 0.51	M8-45
V 40	V 45	V 50	-	-	-	-	11 0.43	27 1.06	100 3.94	80 3.15	5 0.20	73 2.87	30 1.18	17 0.67	M10-65
V 60	-	-	-	-	-	-	11 0.43	27 1.06	100 3.94	90 3.54	5 0.20	78 3.07	30 1.18	17 0.67	M10-75

Specification



- Body  
Aluminum  
- Powder coated  
Black, RAL 9005, textured finish ● SW  
- Plain, matte shot-blasted finish ○ BL
- Socket cap screws DIN 912  
Stainless steel AISI 304
- Hex nuts DIN 985  
Stainless steel AISI 304  
Self-locking via polyamide ring
- Stainless Steel Characteristics → page 2143
- RoHS compliant

Information

The clamping bore of GN 231 tube supports is not machined and designed for GN 990 or DIN 2391, DIN 2395 and DIN 2462 construction tubes.

GN 231 tube supports can also be mounted to **profile systems**.

At the screw locations z, the socket cap screws reduce the bore cross-section for clamping.

see also...

- Product Family Standard Parts for Profile Systems → page 18
- Construction Tubes GN 990 → page 1836
- Rods / Tubes GN 480.1 → page 1838

How to order

1 2 3  
GN 231-B40-2-BL

1 Bore d<sub>1</sub> (Square s<sub>1</sub>)

2 Identification no.

3 Finish

3.1  
3.2  
3.3  
3.4  
3.5  
3.7  
3.8  
3.9  
3.10