



- 3 Identification no.**
- 2** With 3 stainless steel socket cap screws DIN 912

d <sub>1</sub> Bore	d <sub>2</sub> Bore				b	k <sub>1</sub> / k <sub>2</sub>	l <sub>1</sub>	l <sub>2</sub>	m <sub>1</sub>	m <sub>2</sub>	z <sub>1</sub> / z <sub>2</sub> Screw locations	Accessory Recommended hand lever							
	for z <sub>1</sub> l <sub>3</sub>	for z <sub>2</sub> l <sub>3</sub>	for z <sub>1</sub> l <sub>3</sub>	for z <sub>2</sub> l <sub>3</sub>															
B 12	B 12	B 14	B 15	-	25	31,5	97	34,5	48,5	48,5	M6-20	63	-	45	63	-	-	45	63
B 12	B 16	B 18	B 20*	-	25	31,5	97	34,5	48,5	48,5	M6-20	63	-	45	63	-	-	45	63
B 14	B 14	B 15	B 16	-	25	31,5	97	34,5	48,5	48,5	M6-20	45	63	45	63	-	-	45	63
B 14	B 18	B 20*	-	-	25	31,5	97	34,5	48,5	48,5	M6-20	45	63	45	63	-	-	45	63
B 15	B 15	B 16	B 18	B 20*	25	31,5	97	34,5	48,5	48,5	M6-20	45	63	45	63	-	-	45	63
B 16	B 16	B 18	B 20*	-	25	31,5	97	34,5	48,5	48,5	M6-20	45	63	45	63	-	-	45	63
B 18	B 18	B 20*	-	-	25	31,5	97	34,5	48,5	48,5	M6-20	45	63	45	63	63	-	45	63
B 20*	B 20	-	-	-	25	31,5	97	34,5	48,5	48,5	M6-20	45	63	45	63	45	63	45	63

**Specification**

- Aluminum
  - Powder coated
    - Black, RAL 9005, textured finish **● SW**
    - Plain, matte shot-blasted **○ BL**
- Stainless steel AISI CF-8 **NI**
  - Matte shot-blasted
- Socket cap screws DIN 912
  - Stainless steel AISI 304
- Hex nuts DIN 985
  - Stainless steel AISI 304
  - self-locking with polyamide ring
- Stainless Steel Characteristics → Page 2166
- RoHS

**Accessory**

- Adjustable Hand Levers GN 911 / GN 911.3  
→ Page 1784 / 1785

**Information**

Swivel clamp connector joints GN 285 are an assembly of two swivel clamp connectors GN 275.

The clamping bores are mechanically machined and designed for construction tubes GN 990 or DIN 2391, DIN 2395 and DIN 2462.

At the screw locations  $z_1$ , the socket cap screws reduce the bore cross-section for clamping.

For clamping without tools, the socket cap screws can be replaced by the adjustable hand levers GN 911 / GN 911.3 listed in the table as accessories.

see also...

- Construction Tubes GN 990 → Page 1835
- Swivel Clamp Connectors GN 275 → Page 1757

**How to order (Aluminum)**

**GN 285-B12-B16-2-BL**

1	d <sub>1</sub>
2	d <sub>2</sub>
3	Identification no.
4	Finish

**How to order (Stainless steel)**

**GN 285-B18-B18-2-NI**

1	d <sub>1</sub>
2	d <sub>2</sub>
3	Identification no.
4	Material

\* Only available in stainless steel