



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

Specification

4

- 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 163 base plate connector clamps is mechanically machined and designed for GN 990 or DIN 2391, DIN 2395 and DIN 2462 construction tubes.

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

see also...

- *Construction Tubes GN 990* → page 1836
- *Base Plate Linear Actuator Connectors GN 163.1* → page 1951

How to order

GN 163-B1.00-50-2-SW

- | | |
|---|---------------------|
| 1 | Bore d_1 |
| 2 | Clamping length k |
| 3 | Identification no. |
| 4 | Finish |

Inch table

Dimensions in: inches - *millimeters*

d₁ Bore	k Clamping length	d₂	l₁	l₂	t	x₁	x₂	y₁	y₂	z Screw location for screw size
B 1.00	1.97 50	0.26 6.5	2.05 52	1.57 40	0.28 7	2.36 60	1.65 42	2.36 60	1.65 42	M8-25
B 1 1/4	2.76 70	0.26 6.5	2.05 52	1.57 40	0.28 7	2.36 60	1.65 42	2.36 60	1.65 42	M8-25
B 1 1/2	2.76 70	0.33 8.5	2.68 68	2.20 56	0.39 10	3.54 90	2.52 64	3.54 90	2.52 64	M10-35
B 1 3/4	3.35 85	0.43 11	3.05 77.5	2.56 65	0.55 14	4.13 105	2.91 74	4.13 105	2.91 74	M10-50
B 2.00	3.35 85	0.43 11	3.05 77.5	2.56 65	0.55 14	4.13 105	2.91 74	4.13 105	2.91 74	M10-50
B 2 1/2	3.94 100	0.43 11	3.62 92	3.15 80	0.55 14	4.92 125	3.50 89	4.92 125	3.50 89	M10-50

Metric table

Dimensions in: millimeters - *inches*

d₁ Bore	k Clamping length	d₂	l₁	l₂	t	x₁	x₂	y₁	y₂	z Screw location for screw size
B 20	50 1.97	6.5 0.26	52 2.05	40 1.57	7 0.28	60 2.36	42 1.65	60 2.36	42 1.65	M8-25
B 25	50 1.97	6.5 0.26	52 2.05	40 1.57	7 0.28	60 2.36	42 1.65	60 2.36	42 1.65	M8-25
B 30	50 1.97	6.5 0.26	52 2.05	40 1.57	7 0.28	60 2.36	42 1.65	60 2.36	42 1.65	M8-25
B 30	70 2.76	8.5 0.33	68 2.68	56 2.20	10 0.39	90 3.54	64 2.52	90 3.54	64 2.52	M10-35
B 32	70 2.76	8.5 0.33	68 2.68	56 2.20	10 0.39	90 3.54	64 2.52	90 3.54	64 2.52	M10-35
B 35	70 2.76	8.5 0.33	68 2.68	56 2.20	10 0.39	90 3.54	64 2.52	90 3.54	64 2.52	M10-35
B 40	70 2.76	8.5 0.33	68 2.68	56 2.20	10 0.39	90 3.54	64 2.52	90 3.54	64 2.52	M10-35
B 40	85 3.35	11 0.43	77.5 3.05	65 2.56	14 0.55	105 4.13	74 2.91	105 4.13	74 2.91	M10-50
B 42	85 3.35	11 0.43	77.5 3.05	65 2.56	14 0.55	105 4.13	74 2.91	105 4.13	74 2.91	M10-50
B 45	85 3.35	11 0.43	77.5 3.05	65 2.56	14 0.55	105 4.13	74 2.91	105 4.13	74 2.91	M10-50
B 48	85 3.35	11 0.43	77.5 3.05	65 2.56	14 0.55	105 4.13	74 2.91	105 4.13	74 2.91	M10-50
B 50	85 3.35	11 0.43	77.5 3.05	65 2.56	14 0.55	105 4.13	74 2.91	105 4.13	74 2.91	M10-50
B 60	100 3.94	11 0.43	92 3.62	80 3.15	14 0.55	125 4.92	89 3.50	125 4.92	89 3.50	M10-50

3.1
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