



**Inch table**

Dimensions in: inches - millimeters

d <sub>1</sub>	d <sub>2</sub>			b	s	Tightening torque of the screw in Nm ≈	Axial load ≈	
							min.	max.
1.50 38	B 3/8	B 1/2	B 5/8	0.39 10	0.06 1.5	0.5	30 lbf 133.45 N	60 lbf 266.89 N
1.97 50	B 3/4	B 1.00	B 1 1/8	0.51 13	0.06 1.5	0.7	70 lbf 311.38 N	100 lbf 444.82 N
2.95 75	B 1 1/4	B 1 3/8	B 1 1/2	0.59 15	0.06 1.5	1.5	105 lbf 467.06 N	120 lbf 533.79 N

**Metric table**

Dimensions in: millimeters - inches

d <sub>1</sub>	d <sub>2</sub>							b	s	Tightening torque of the screw in Nm ≈	Axial load ≈	
											min.	max.
38 1.50	B 6	B 8	B 10	B 12	B 14	B 15	B 16	10 0.39	1.5 0.06	0.5	133 N 29.90 lbf	267 N 60.02 lbf
50 1.97	B 20	B 25	B 28	B 30	-	-	-	13 0.51	1.5 0.06	0.7	311 N 69.92 lbf	445 N 100 lbf
75 2.95	B 32	B 35	B 38	-	-	-	-	15 0.59	1.5 0.06	1.5	467 N 105 lbf	534 N 120 lbf
100 3.94	B 40	B 42	B 45	B 48	B 50	-	-	19 0.75	4.5 0.18	4.5	556 N 125 lbf	867 N 195 lbf
120 4.72	B 54	B 55	B 60	B 65	B 70	B 75	-	19 0.75	4.5 0.18	4.5	890 N 200 lbf	1379 N 310 lbf

**Specification**

- Body  
Aluminum, black anodized finish
- Eccentric lever  
Aluminum, yellow anodized finish
- ISO Fundamental Tolerances → page 2129
- RoHS compliant

**Information**

Unlike thrust bolts or clamping screws, GN 704 quick release shaft collars generate locking force on the shaft via an eccentric lever. This quick release design allows the collars to be set or adjusted rapidly and without tools. The aluminum design results in low mass inertia values.

The specified tightening torque of the screw is a recommended value with which the collar clamped to a shaft (with closed eccentric lever) is capable of reaching the specified axial load capacity. The details on the axial load capacity are non-binding guidance values and do not constitute a warranty of characteristics.

Keeping the friction surface of the eccentric lever slightly greased will help to prolong the useful service life.

see also...

- Semi-Split Shaft Collars GN 706.2 (with Socket Cap Screw) → page 1206

How to order (Inch)	1	Outer diameter d <sub>1</sub>
	2	Bore d <sub>2</sub>
<b>GN 704-75-B11/4</b>		

How to order (Metric)	1	Outer diameter d <sub>1</sub>
	2	Bore d <sub>2</sub>
<b>GN 704-38-B16</b>		