

## Quick release shaft collars

### SPECIFICATION

Ring  
Aluminium  
black anodized

Lever  
Aluminium  
yellow anodized

### INFORMATION

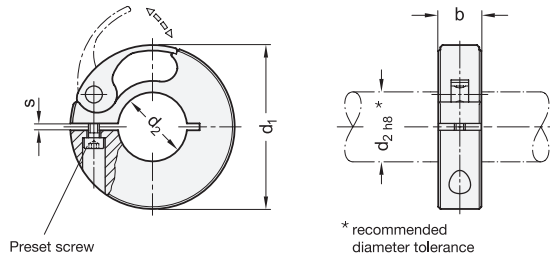
The force lock with the shaft is made in the GN 704 quick release shaft collars via an eccentric lever which allows the collars to be adjusted easily and quickly without tools. The aluminium design delivers low inertia values.

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 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.

### TECHNICAL INFORMATION

- ISO-Fundamental Tolerances (see page A21)



### GN 704

| Description    | d1  | d2 Recommended shaft tolerance h8 | b  | s   | Tightening torque of the screw in Nm ≈ | Axial load in N ≈ min. | Axial load in N ≈ max. | ⚖   |
|----------------|-----|-----------------------------------|----|-----|--|------------------------|------------------------|-----|
| GN 704-38-B6   | 38  | B 6                               | 10 | 1.5 | 0.5                                    | 133                    | 267                    | 27  |
| GN 704-38-B8   | 38  | B 8                               | 10 | 1.5 | 0.5                                    | 133                    | 267                    | 25  |
| GN 704-38-B10  | 38  | B 10                              | 10 | 1.5 | 0.5                                    | 133                    | 267                    | 25  |
| GN 704-38-B12  | 38  | B 12                              | 10 | 1.5 | 0.5                                    | 133                    | 267                    | 25  |
| GN 704-38-B14  | 38  | B 14                              | 10 | 1.5 | 0.5                                    | 133                    | 267                    | 24  |
| GN 704-38-B15  | 38  | B 15                              | 10 | 1.5 | 0.5                                    | 133                    | 267                    | 22  |
| GN 704-38-B16  | 38  | B 16                              | 10 | 1.5 | 0.5                                    | 133                    | 267                    | 23  |
| GN 704-50-B20  | 50  | B 20                              | 13 | 1.5 | 0.7                                    | 311                    | 445                    | 54  |
| GN 704-50-B25  | 50  | B 25                              | 13 | 1.5 | 0.7                                    | 311                    | 445                    | 49  |
| GN 704-50-B28  | 50  | B 28                              | 13 | 1.5 | 0.7                                    | 311                    | 445                    | 43  |
| GN 704-50-B30  | 50  | B 30                              | 13 | 1.5 | 0.7                                    | 311                    | 445                    | 41  |
| GN 704-75-B32  | 75  | B 32                              | 15 | 1.5 | 1.5                                    | 467                    | 534                    | 126 |
| GN 704-75-B35  | 75  | B 35                              | 15 | 1.5 | 1.5                                    | 467                    | 534                    | 119 |
| GN 704-75-B38  | 75  | B 38                              | 15 | 1.5 | 1.5                                    | 467                    | 534                    | 113 |
| GN 704-100-B40 | 100 | B 40                              | 19 | 4.5 | 4.5                                    | 556                    | 867                    | 309 |
| GN 704-100-B42 | 100 | B 42                              | 19 | 4.5 | 4.5                                    | 556                    | 867                    | 303 |
| GN 704-100-B45 | 100 | B 45                              | 19 | 4.5 | 4.5                                    | 556                    | 867                    | 292 |
| GN 704-100-B48 | 100 | B 48                              | 19 | 4.5 | 4.5                                    | 556                    | 867                    | 281 |
| GN 704-100-B50 | 100 | B 50                              | 19 | 4.5 | 4.5                                    | 556                    | 867                    | 273 |
| GN 704-120-B54 | 120 | B 54                              | 19 | 4.5 | 4.5                                    | 890                    | 1379                   | 436 |
| GN 704-120-B55 | 120 | B 55                              | 19 | 4.5 | 4.5                                    | 890                    | 1379                   | 431 |
| GN 704-120-B60 | 120 | B 60                              | 19 | 4.5 | 4.5                                    | 890                    | 1379                   | 408 |
| GN 704-120-B65 | 120 | B 65                              | 19 | 4.5 | 4.5                                    | 890                    | 1379                   | 383 |
| GN 704-120-B70 | 120 | B 70                              | 19 | 4.5 | 4.5                                    | 890                    | 1379                   | 355 |
| GN 704-120-B75 | 120 | B 75                              | 19 | 4.5 | 4.5                                    | 890                    | 1379                   | 326 |

