

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19

BODY

- Steel, blackened **ST**
- AISI 303 stainless steel **NI**

BALL

- Steel AISI 52100, hardened for **ST**
- Stainless steel AISI 420C, hardened for **NI**

FRICION BEARING

Technopolymer

MAX. WORKING TEMPERATURE

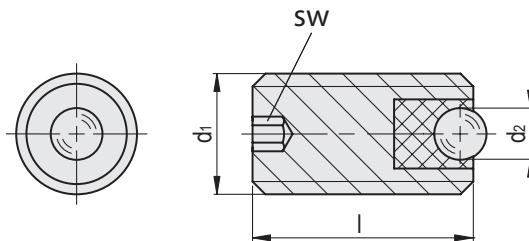
-50 °C to +90 °C

INFORMATION

Ball transfer units GN 509.11 are used for building mechanisms and devices. The friction bearing of the ball ensures low-friction displacement and rotation of workpieces in any direction. The position of the ball transfer units can be adjusted in the axial direction using the external thread.



| Conversion Table | |
|-------------------|------|
| 1 mm = 0.039 inch | |
| d2 | |
| mm | inch |
| 5.5 | 0.21 |



GN 509.11-ST

METRIC

| Code | Description | d1 | d2 | l | sw | Size | Load C0 N | Maximum tightening torque [Nm] | ⚖️ |
|----------|----------------------|-----|-----|----|-----|------|--------------|--------------------------------------|----|
| GN.23026 | GN 509.11-2-M6-8-ST | M 6 | 2.5 | 8 | 1.5 | 2 | 172 | 0.11 | 1 |
| GN.23028 | GN 509.11-2-M6-16-ST | M 6 | 2.5 | 16 | 1.5 | 2 | 172 | 0.11 | 2 |

GN 509.11-NI

INOX STAINLESS STEEL

| Code | Description | d1 | d2 | l | sw | Size | Load C0 N | Maximum tightening torque [Nm] | ⚖️ |
|----------|----------------------|-----|-----|----|-----|------|--------------|--------------------------------------|----|
| GN.23025 | GN 509.11-2-M6-8-NI | M 6 | 2.5 | 8 | 1.5 | 2 | 172 | 0.11 | 1 |
| GN.23027 | GN 509.11-2-M6-16-NI | M 6 | 2.5 | 16 | 1.5 | 2 | 172 | 0.11 | 2 |