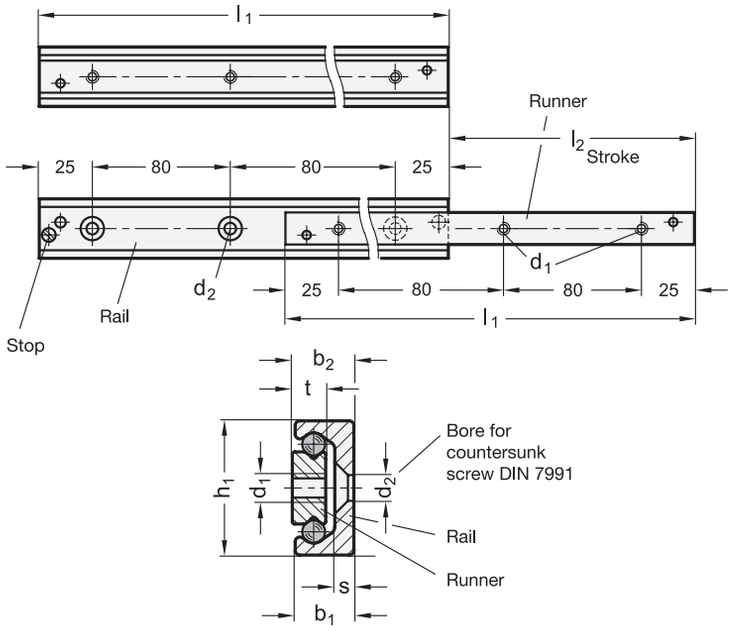
# GN 2404 | Telescopic Linear Slides

Steel, with Partial Extension

JW WINCO® A Ganter Company




Metric

## Metric table

Dimensions in: millimeters - *inches*

| $h_1$ | $l_1$ - $l_2$ Length - Stroke | | | | | | $b_1$ | $b_2$ | $d_1$ Thread | $d_2$ | s | t |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28<br>*1.10* | 130 - 74<br>*5.11 - 2.91* | 210 - 116<br>*8.26 - 4.56* | 290 - 148<br>*11.41 - 5.82* | 370 - 190<br>*14.56 - 7.48* | 450 - 232<br>*17.71 - 9.13* | 530 - 274<br>*20.86 - 10.78* | 12.3<br>*0.48* | 12.9<br>*0.51* | M 5 | 5.5<br>*0.22* | 4<br>*0.16* | 7<br>*0.28* |
| 35<br>*1.38* | 290 - 159<br>*11.41 - 6.26* | 370 - 203<br>*14.56 - 7.99* | 450 - 247<br>*17.71 - 9.72* | 530 - 279<br>*20.86 - 10.98* | 610 - 323<br>*24.01 - 12.71* | 690 - 367<br>*27.16 - 14.44* | 16.5<br>*0.65* | 17<br>*0.67* | M 6 | 6.5<br>*0.26* | 3.5<br>*0.14* | 10<br>*0.39* |
| 43<br>*1.69* | 370 - 208<br>*14.56 - 8.18* | 450 - 243<br>*17.71 - 9.56* | 530 - 278<br>*20.86 - 10.94* | 610 - 313<br>*24.01 - 12.32* | 690 - 363<br>*27.16 - 14.29* | 770 - 398<br>*30.31 - 15.67* | 21<br>*0.83* | 22<br>*0.87* | M 8 | 8.5<br>*0.33* | 4.5<br>*0.18* | 13.5<br>*0.53* |

### Specification

- Rail / runner
  Heat-treated steel
  - Zinc plated, blue passivated finish
  - Hardened raceways
- Balls
  Rolling bearing steel, hardened
- Ball cage
  Steel, zinc plated
- RoHS compliant

### On request

- Other lengths (based on the standard lengths in the grid dimension of 80 mm)
- Special lengths (bore, start and end distances)

### Information

GN 2404 telescopic linear slides with partial extension are used, for example, for drawers and sliding doors, or in jigmaking for a sliding motion in linear direction. Rail and runner are equal in length.

The one-sided sliding distance is limited to slightly more than half the rail length, which corresponds to a partial extension. For a full extension, the support screw can be removed, thus extending the stroke to slightly more than the complete rail length.

The limitation of the max. stroke should be ensured by external elements. The stops of the rail have been designed to guard against the inadvertent extraction of the runner from the rail.

see also...

- *Structure of Linear Slides → page 1910*
- *Linear Guide Rail Systems → starting from page 1922*
- *Load Rating of Telescopic Linear Slides → starting from page 1918*

| How to order | | |
|---|---|---|
| GN 2404-28-130 | 1 | **Height $h_1$** |
| | 2 | **Length $l_1$ of the rail** |