

- 2** Type
- B** With rubber stop
- 3** Identification no.
- 2** Fastening using countersunk holes

Metric table

1

l ₁	l ₂ ⁺⁴ Stroke	l ₃	F _s per pair	
			at 10,000 cycles	at 100,000 cycles
400 15.75	400 15.75	800 31.50	1700 N 382 lbf	1030 N 232 lbf
450 17.72	450 17.72	900 35.43	1900 N 427 lbf	1160 N 261 lbf
500 19.69	500 19.69	1000 39.37	2120 N 477 lbf	1250 N 281 lbf
550 21.65	550 21.65	1100 43.31	2300 N 517 lbf	1400 N 315 lbf

1 Dimensions in: millimeters - inches

l ₁	l ₂ ⁺⁴ Stroke	l ₃	F _s per pair	
			at 10,000 cycles	at 100,000 cycles
600 23.62	600 23.62	1200 47.24	2300 N 517 lbf	1450 N 326 lbf
700 27.56	700 27.56	1400 55.12	2280 N 513 lbf	1450 N 326 lbf
800 31.50	800 31.50	1600 62.99	2190 N 492 lbf	1550 N 348 lbf

Specification

- Slide profile
Steel, zinc plated, blue passivated finish **ZB**
- Bearings
Ball bearing steel, hardened
- Ball cage
Steel, zinc plated
- Rubber stop
Plastic / Elastomer
- Self-retracting mechanism
Stainless steel / plastic
- Operating temperature -4 °F to 212 °F
(-20 °C to 100 °C)
- RoHS compliant

On request

- Additional lengths and hole spacing
- Other attachment options
- With locking device (front)
- Other surfaces
- With support bracket

Information

GN 1432 telescopic slides with self-retracting mechanism are installed vertically and in pairs. The stroke reaches ≈ 100 % of the nominal length l₁ (full extension).

The telescopic slides are delivered in **pairs**. They can be installed on the extension on either the left or right side due to the design. All mounting holes are easy to reach through auxiliary holes. Only the mounting holes are shown, but other production-related holes may be present.

see also...

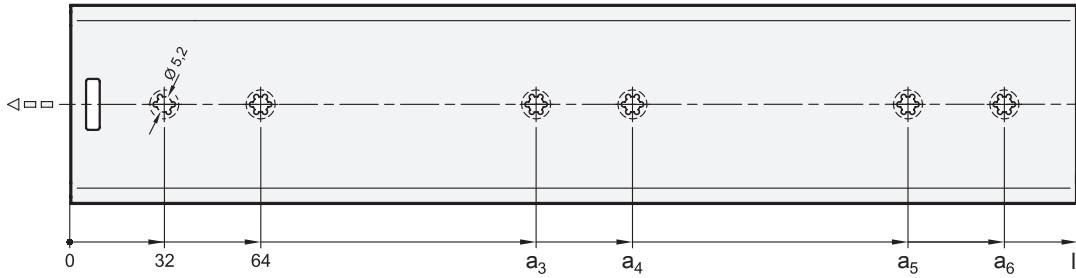
- *Overview of Telescopic Slide Types*
- *Technical Information on Telescopic Slides*
- *Telescopic Slides GN 1422 (Steel, with Self-Retracting Mechanism)*
- *Telescopic Slides GN 1424 (Steel, with Dampened Self-Retracting Mechanism)*

How to order

GN 1432-550-B-2-ZB

1	Length l₁
2	Type
3	Identification no.
4	Finish

Mounting holes - outer slide



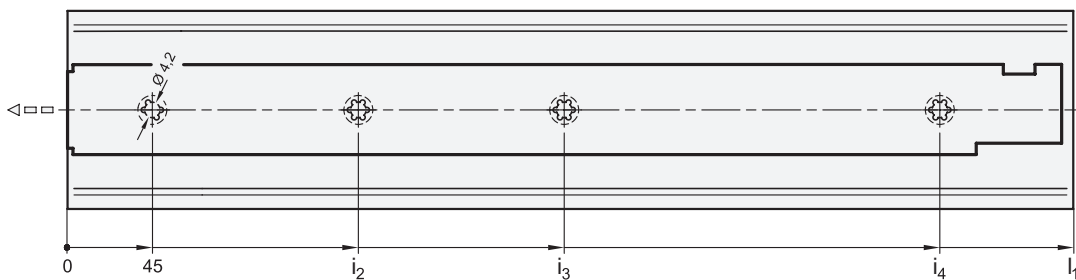
Metric table



Dimensions in: millimeters - inches

l_1	a_3	a_4	a_5	a_6
400 15.75	288 11.34	320 12.60	-	-
450 17.72	288 11.34	320 12.60	-	-
500 19.69	352 13.86	384 15.12	-	-
550 21.65	352 13.86	384 15.12	-	-
600 23.62	448 17.64	480 18.90	-	-
700 27.56	448 17.64	480 18.90	-	-
800 31.50	384 15.12	416 16.38	672 26.46	704 27.72

Mounting holes - inner slide



Metric table



Dimensions in: millimeters - inches

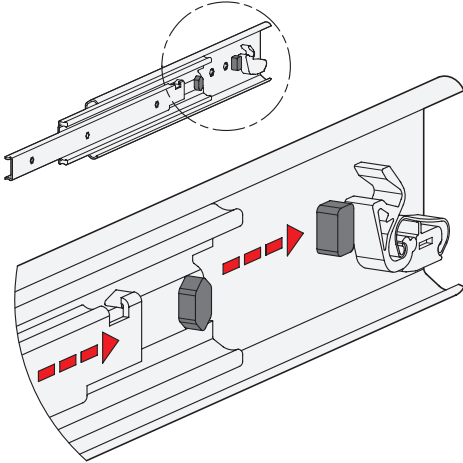
l_1	i_2	i_3	i_4
400 15.75	173 6.81	333 13.11	-
450 17.72	205 8.07	397 15.63	-
500 19.69	237 9.33	461 18.15	-
550 21.65	269 10.59	493 19.41	-
600 23.62	173 6.81	301 11.85	557 21.93
700 27.56	173 6.81	333 13.11	653 25.71
800 31.50	205 8.07	397 15.63	749 29.49

Fastening screws

For the said loading forces F_S to be absorbed reliably in the surrounding structure, all available countersunk holes of the outer and inner slide must be used. Failure to use fastening screws reduces the specified load capacity accordingly. The following screws can be used for mounting:

Designation - standard		Outer slide	Inner slide
Phillips countersunk flat head screw	DIN 965	M 5	M 4
Phillips countersunk flat head self-tapping screw	DIN 7997	Size 5	Size 4 / 4.5

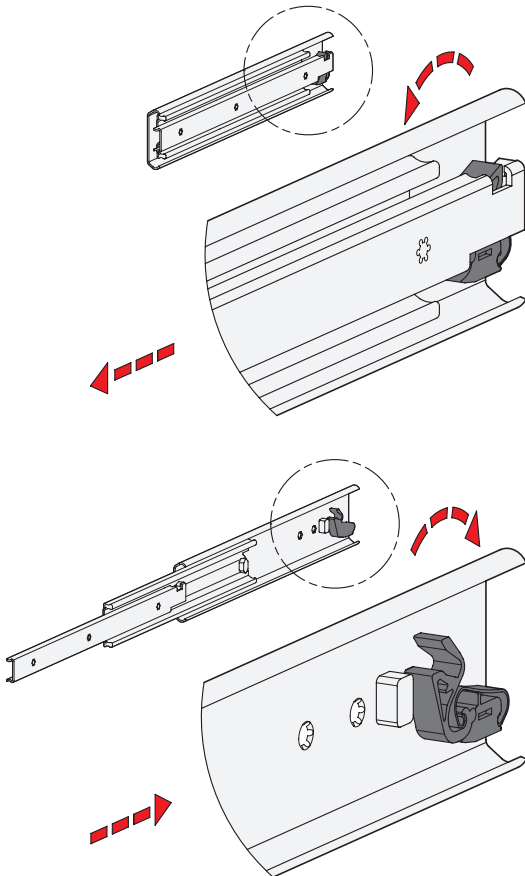
Rubber stop



The rubber stops of type B dampen the impact of the slide in the respective end position. This feature minimizes noise development and increases the lifespan. Attached to the slides in a partially concealed, partially visible manner, the stops meet each of the requirements in regard to shape, material, and hardness.

If larger static or dynamic loads occur in the direction of extension, they should be absorbed by external stop elements.

Self-retracting mechanism



GN 1432 telescopic slides have an integrated self-retracting mechanism, which improves considerably the ease of use when closing the extensions.

The slides are retracted and held in the back end position automatically by means of a retraction mechanism on the last 22 mm (.87 in) of stroke with a force of approximately 30 newtons (6.74 lbf) for each slide pair. This force has to be overcome accordingly on opening the extension.

The self-retracting mechanism is also designed in such a way that it uncouples and will not be damaged when the extension is opened or closed in a jerky manner or too quickly. On the following stroke, the self-retracting mechanism clicks back into place automatically, ensuring that the function remains intact.