

- 2 Type**
- B** With rubber stop
- 3 Identification no.**
- 2** Mounting with countersunk holes

Metric table

I ₁	I ₂ ⁻⁴ Stroke	I 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

I ₁	I ₂ ⁻⁴ Stroke	I 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**
- Balls
Rolling 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**

Information

GN 1432 telescopic slides with self-retracting mechanism are installed in pairs. The stroke reaches ≈ 100 % of the nominal length I₁ (full extension).

The telescopic slides are delivered in **pairs**. They can be installed 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...

- *List of Telescopic Slide Types* → page 1856
- *Technical Information on Telescopic Slides* → page 1901
- *Telescopic Slides GN 1422 (with Self-Retracting Mechanism)* → page 1879
- *Telescopic Slides GN 1424 (with Dampened Self-Retracting Mechanism)* → page 1882

On request

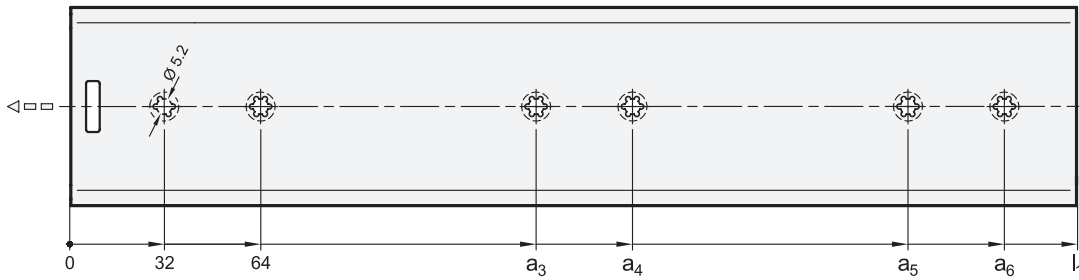
- Other lengths and hole distances
- Other mounting options
- With locking device (in extended position)
- Other finishes
- With support bracket

How to order	1 Length I ₁
	2 Type
	3 Identification no.
	4 Finish

GN 1432-550-B-2-ZB

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3.7
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3.9
3.10

Mounting holes - Outer slide



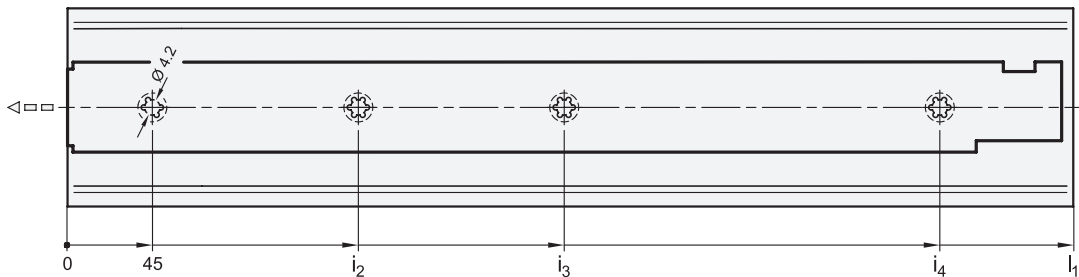
Metric table



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

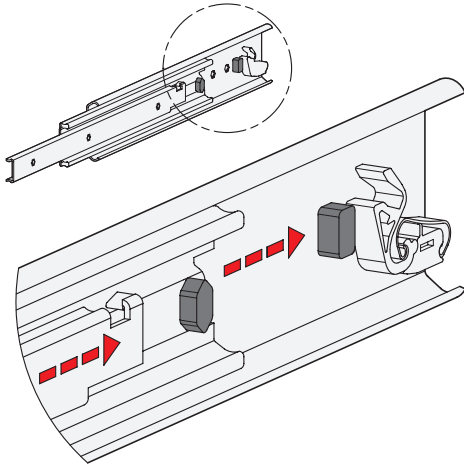
l_1	i_2	i_3	i_4
400 15.75	173 6.81	333 13.11	-
450 17.72	205 8.07	397 15.63	-
500 19.69	237 9.33	461 18.15	-
550 21.65	269 10.59	493 19.41	-
600 23.62	173 6.81	301 11.85	557 21.93
700 27.56	173 6.81	333 13.11	653 25.71
800 31.50	205 8.07	397 15.63	749 29.49

Mounting screws

For the listed 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 mounting 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

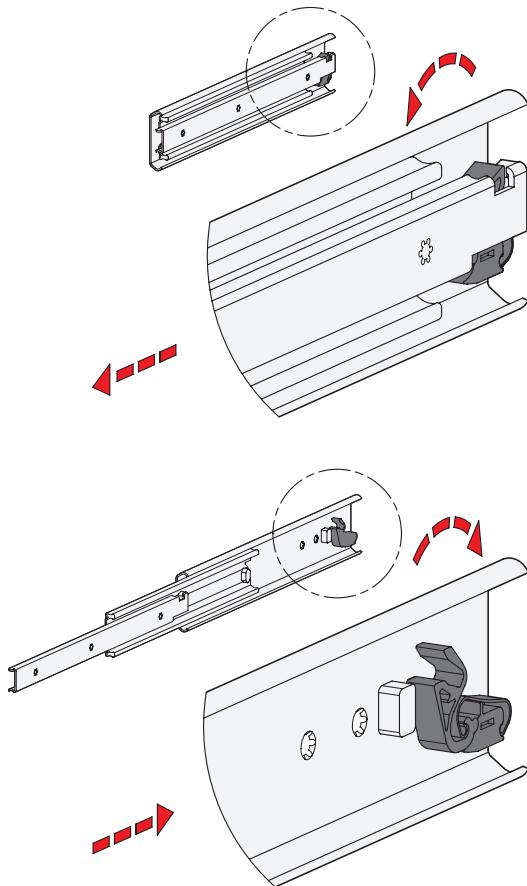
Rubber stop



The rubber stops dampen the impact of the slide in the two end positions. This feature minimizes noise development and increases the service life. Attached to the slides in a partially concealed, partially visible manner, the stops meet each of the requirements in regards to shape, material, and hardness.

If larger static or dynamic loads occur in the direction of extension, they should be absorbed by additional end stops.

Self-retracting mechanism



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

By means of the retraction mechanism, the slides are automatically retracted on the last 22 mm of stroke with a force of approximately 30 newtons for each slide pair and held in the retracted end position. This retraction force has to be overcome accordingly when 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.

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