

Telescopic slides

with full extension and self-retracting mechanism,
load capacity up to 2300 N

SPECIFICATION

Type

Type **B**: with rubber stop

Identification no.

No. **2**: Fastening using countersunk holes

Slide profile

Steel, zinc plated, blue passivated **ZB**

Bearings

Roller bearing steel, hardened

Ball cage

Steel, zinc plated

Rubber stop

Plastic / Elastomer

Self-retracting mechanism

Stainless Steel / Plastic

Operating temperature -20 °C to 100 °C



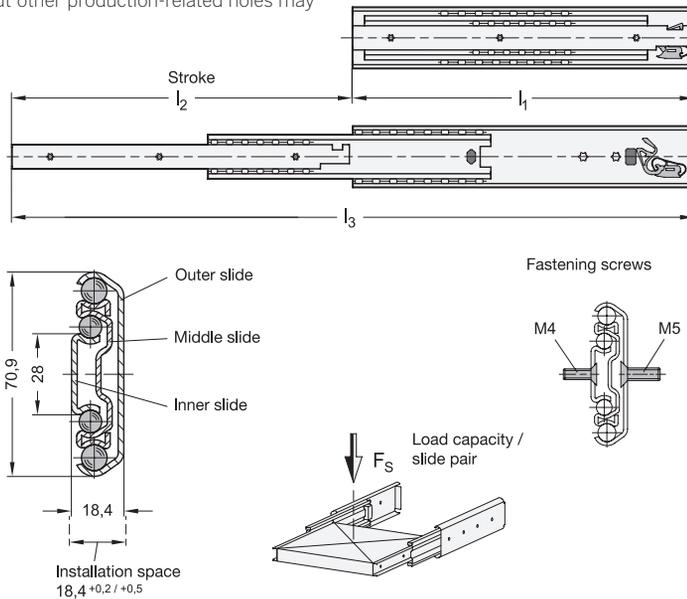
INFORMATION

Telescopic slides with self-retracting mechanism GN 1432 are installed vertically and in pairs. The stroke reaches $\approx 100\%$ of the nominal length l_1 (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 mechanics. All mounting holes are easy to reach through auxiliary holes. Only the mounting holes are shown, but other production-related holes may be present.

ON REQUEST

- other lengths and hole spacing
- other attachment options
- with locking device (front)
- other surfaces
- with support bracket

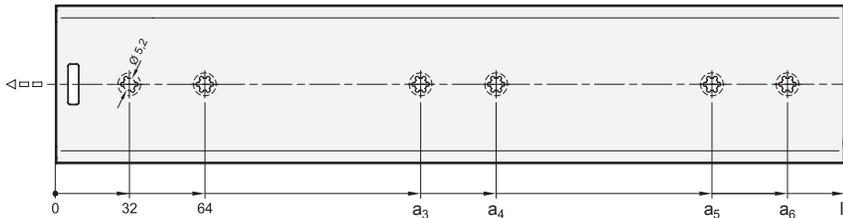


GN 1432

Description	l_1	$l_2 +4 / -4$	l_3	F_s per pair in N at 10,000 cycles	F_s per pair in N at 100,000 cycles	
GN 1432-400-B-2-ZB	400*	400	800	1700	1030	2860
GN 1432-450-B-2-ZB	450*	450	900	1900	1160	3260
GN 1432-500-B-2-ZB	500*	500	1000	2120	1250	3680
GN 1432-550-B-2-ZB	550*	550	1100	2300	1400	4100
GN 1432-600-B-2-ZB	600*	600	1200	2300	1450	4520
GN 1432-700-B-2-ZB	700*	700	1400	2280	1450	5180
GN 1432-800-B-2-ZB	800*	800	1600	2190	1550	6180

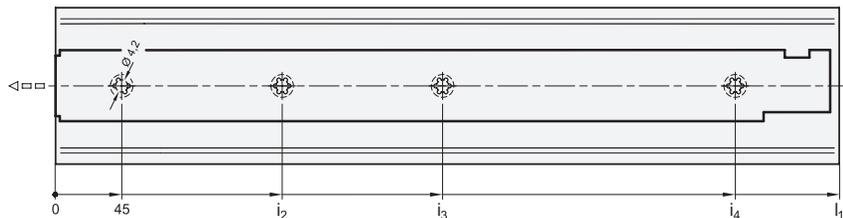
* The telescopic slides are delivered in pairs.

Mounting holes - Outer slide



l1	a3	a4	a5	a6
400	288	320	-	-
450	288	320	-	-
500	352	384	-	-
550	352	384	-	-
600	448	480	-	-
700	448	480	-	-
800	384	416	672	704

Mounting holes - Inner slide



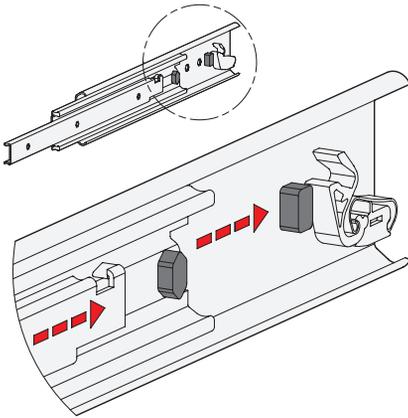
l1	i2	i3	i4
400	173	333	-
450	205	397	-
500	237	461	-
550	269	493	-
600	173	301	557
700	173	333	653
800	205	397	749

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:

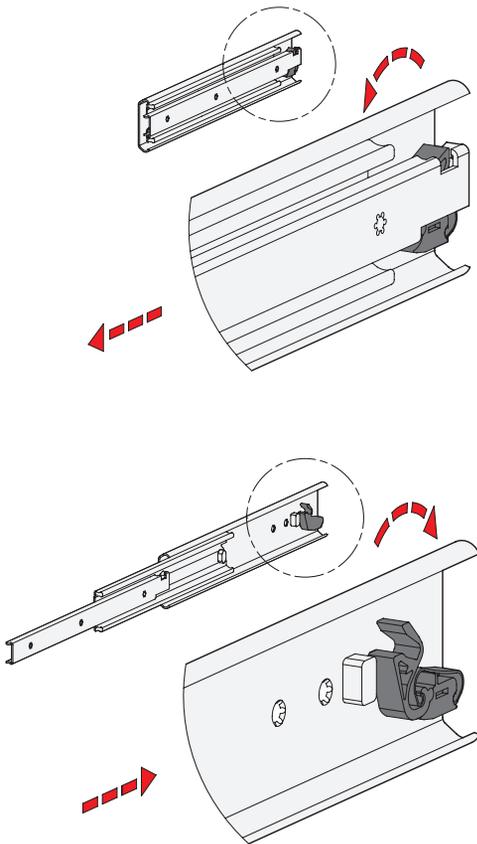
Designation - standard	Outer slide	Inner slide
Countersunk screw, Phillips DIN 965	M 5	M 4
Countersunk screw, Phillips DIN 7997	Size 5	Size 4 / 4.5



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

Telescopic slides GN 1432 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 of stroke with a force of approximately 30 newtons 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.