

- 2 Type**
- E** With rubber stop, locking device in retracted position
- 3 Identification no.**
- 2** Mounting with countersunk holes

Metric table

I ₁	I ₂ ⁺⁴ / ₋₄ Stroke	I ₃	F _s per pair	
			at 10,000 cycles	at 100,000 cycles
400 15.75	435 17.13	835 32.87	1570 N 353 lbf	970 N 218 lbf
450 17.72	485 19.09	935 36.81	1600 N 360 lbf	1030 N 232 lbf
500 19.69	545 21.46	1045 41.14	1690 N 380 lbf	1150 N 259 lbf
550 21.65	595 23.43	1145 45.08	1870 N 420 lbf	1160 N 261 lbf
600 23.62	650 25.59	1250 49.21	1890 N 425 lbf	1180 N 265 lbf

Dimensions in: millimeters - inches

I ₁	I ₂ ⁺⁴ / ₋₄ Stroke	I ₃	F _s per pair	
			at 10,000 cycles	at 100,000 cycles
700 27.56	750 29.53	1450 57.09	1870 N 420 lbf	1370 N 308 lbf
800 31.50	850 33.46	1650 64.96	2120 N 477 lbf	1470 N 330 lbf
900 35.43	950 37.40	1850 72.83	1920 N 432 lbf	1250 N 281 lbf
1000 39.37	1050 41.34	2050 80.71	1790 N 402 lbf	1080 N 243 lbf
1200 47.24	1250 49.21	2450 96.46	1630 N 366 lbf	950 N 214 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
- Operating temperature -4 °F to +212 °F (-20 °C to +100 °C)
- **RoHS compliant**

Information

GN 1430 telescopic slides are installed in pairs. The stroke reaches ≈ 100 % of the nominal length I₁ (full extension). The rubber stops dampen the impact of the slide in the two end positions and take on the locking function in the retracted position. This feature is noticeable through a slight resistance on opening and closing. If larger static or dynamic loads occur in the direction of extension, they should be absorbed by additional end stops.

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 1440 \(with Full Extension\)](#) → page 1892

On request

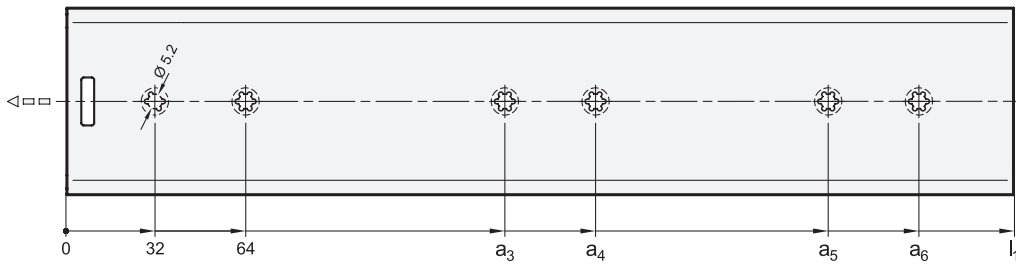
- Other lengths and hole distances
- Other mounting options
- With latches, partially with detach function (in retracted and / or extended position)
- With locking devices (in retracted and / or extended position)
- Other finishes
- With support bracket

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

GN 1430-1200-E-2-ZB

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

Mounting holes - Outer slide



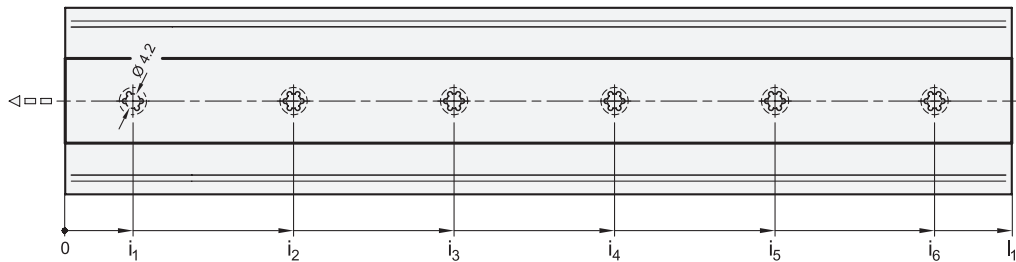
Metric table

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	-	-

Dimensions in: millimeters - inches

l_1	a_3	a_4	a_5	a_6
700 27.56	448 17.64	480 18.90	-	-
800 31.50	384 15.12	416 16.38	672 26.46	704 27.72
900 35.43	416 16.38	448 17.64	768 30.24	800 31.50
1000 39.37	480 18.90	512 20.16	864 34.02	896 35.28
1200 47.24	576 22.68	608 23.94	1056 41.57	1088 42.83

Mounting holes - Inner slide



Metric table

l_1	i_1	i_2	i_3	i_4	i_5	i_6
400 15.75	43 1.69	118 4.65	193 7.60	268 10.55	343 13.50	-
450 17.72	43 1.69	130.5 5.14	218 8.58	305.5 12.03	393 15.47	-
500 19.69	43 1.69	143 5.63	243 9.57	343 13.50	443 17.44	-
550 21.65	43 1.69	155.5 6.12	268 10.55	380.5 14.98	493 19.41	-
600 23.62	43 1.69	168 6.61	293 11.54	418 16.46	543 21.38	-

Dimensions in: millimeters - inches

l_1	i_1	i_2	i_3	i_4	i_5	i_6
700 27.56	43 1.69	193 7.60	343 13.50	493 19.41	643 25.31	-
800 31.50	20 0.79	271 10.67	522.5 20.57	774 30.47	-	-
900 35.43	20 0.79	305 12.01	589 23.19	874 34.41	-	-
1000 39.37	20 0.79	258.5 10.18	497 19.57	735.5 28.96	974 38.35	-
1200 47.24	20 0.79	251 9.88	482 18.98	712 28.03	943 37.13	1174 46.22

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