

- 2 Type**
- A Without rubber stop
- 3 Identification no.**
- 1 Mounting with through holes

Metric table

Dimensions in: millimeters - inches

l ₁	l ₂ ^{+2/-2} Stroke	l ₃	F _s per pair	
			at 10,000 cycles	at 100,000 cycles
300 <i>11.81</i>	210 <i>8.27</i>	485 <i>19.09</i>	220 N <i>49.46 lbf</i>	170 N <i>38.22 lbf</i>
350 <i>13.78</i>	240 <i>9.45</i>	565 <i>22.24</i>	260 N <i>58.45 lbf</i>	200 N <i>44.96 lbf</i>
400 <i>15.75</i>	290 <i>11.42</i>	665 <i>26.18</i>	260 N <i>58.45 lbf</i>	200 N <i>44.96 lbf</i>
500 <i>19.69</i>	370 <i>14.57</i>	845 <i>33.27</i>	280 N <i>62.95 lbf</i>	220 N <i>49.46 lbf</i>

Specification

- Slide profile
Steel, zinc plated, blue passivated finish **ZB**
- Balls
Rolling bearing steel, hardened
- Ball cage
Steel, zinc plated
- Operating temperature -4 °F to +212 °F
(-20 °C to +100 °C)
- RoHS compliant

On request

- Other lengths and hole distances
- Other mounting options
- With rubber stop
- With locking device
(in retracted and / or extended position)
- Other finishes
- With support bracket
- With retraction damping, external

Information

GN 1400 telescopic slides are installed in pairs. The stroke reaches ≈ 75 % of the nominal length l₁ (partial extension). The steel end stops prevent the slide from being unintentionally pulled out or detached. If larger static or dynamic loads occur in the direction of extension, they should be absorbed by additional end stops.

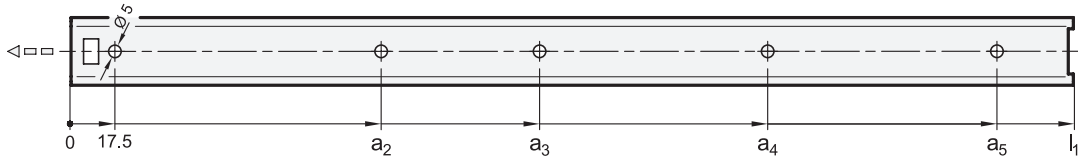
The telescopic slides are delivered in **pairs**. They can be installed on either the left or right side due to the design. All mounting holes are easy to reach without additional auxiliary holes. Only the mounting holes are shown, but other production-related holes may be present.

see also...

- *List of Telescopic Slide Types* → page 1856
- *Technical Information on Telescopic Slides* → page 1901
- *Telescopic Slides (with Full Extension)* → starting from page 1862
- *Stainless Steel Telescopic Slides (with Full Extension)* → starting from page 1895

<p>How to order</p> <p>GN 1400-400-A-1-ZB</p>	1	Length l ₁
	2	Type
	3	Identification no.
	4	Finish

Mounting holes - Outer slide



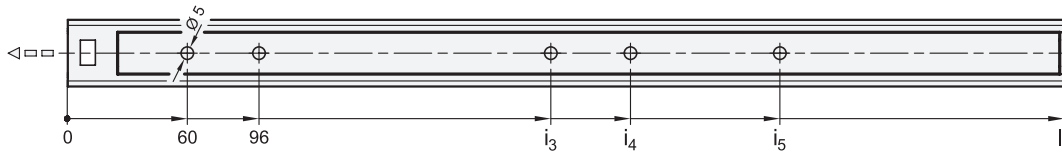
Metric table



Dimensions in: millimeters - inches

l_1	a_2	a_3	a_4	a_5
300 11.81	113.5 4.47	209.5 8.25	273.5 10.77	-
350 13.78	113.5 4.47	209.5 8.25	337.5 13.29	-
400 15.75	113.5 4.47	209.5 8.25	369.5 14.55	-
500 19.69	145.5 5.73	209.5 8.25	337.5 13.29	465.5 18.33

Mounting holes - Inner slide



Metric table



Dimensions in: millimeters - inches

l_1	i_3	i_4	i_5
300 11.81	142.5 5.61	182.5 7.19	-
350 13.78	167.5 6.59	207.5 8.17	-
400 15.75	192.5 7.58	232.5 9.15	282.5 11.12
500 19.69	242.5 9.55	282.5 11.12	357.5 14.07

Mounting screws

For the listed loading forces F_S to be absorbed reliably into the surrounding structure, all available through 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 4	M 4
Phillips countersunk flat head self-tapping screw	DIN 7997	Size 3.5 / 4	Size 3.5