

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

I <sub>1</sub>	I <sub>2</sub> <sup>+4</sup> Stroke	I <sub>3</sub>	F <sub>S</sub> per pair in N	
			at 10,000 cycles	at 100,000 cycles
300	320	620	940	680
350	375	725	960	770
400	440	840	970	730
450	495	945	1100	830
500	550	1050	1190	910
550	600	1150	1180	900

I <sub>1</sub>	I <sub>2</sub> <sup>+4</sup> Stroke	I <sub>3</sub>	F <sub>S</sub> per pair in N	
			at 10,000 cycles	at 100,000 cycles
600	650	1250	1230	970
700	750	1450	1290	1030
800	848	1648	1210	1020
900	950	1850	1050	900
1000	1050	2050	810	720
1200	1250	2450	640	570

**Specification**

- Slide profile  
Steel, zinc plated, blue passivated **ZB**
- Bearings  
Roller bearing steel, hardened
- Ball cage  
Steel, zinc plated
- Rubber stop  
Plastic / Elastomer
- Operating temperature -20 °C to 100 °C
- **RoHS**

**On request**

- Other lengths and hole spacing
- Other attachment options
- With latch (back), partially with detach function
- With locking device (front or back-front)
- Other surfaces
- With support bracket

**Information**

Telescopic slides GN 1420 are installed vertically and in pairs. The stroke reaches ≈ 100 % of the nominal length I<sub>1</sub> (full extension). The rubber stops of type E dampen the impact of the slide in the two end positions and takes on the locking function of the back stop 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 external stop elements.

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.

see also...

- *Technical Information on Telescopic Slides* → Page 1898 ff.
- *Stainless Steel Telescopic Slides GN 1460 (with Full Extension)* → Page 1894

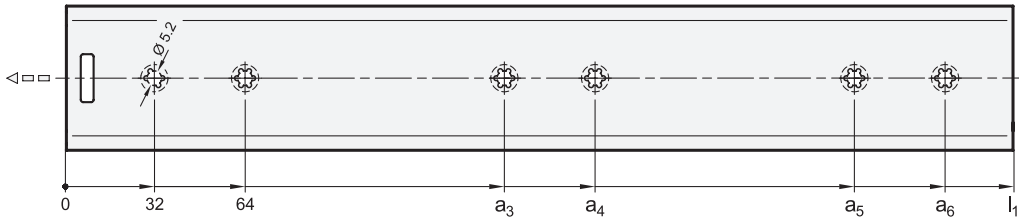
**How to order**

**GN 1420-900-E-2-ZB**

1	I <sub>1</sub>
2	Type
3	Identification no.
4	Finish

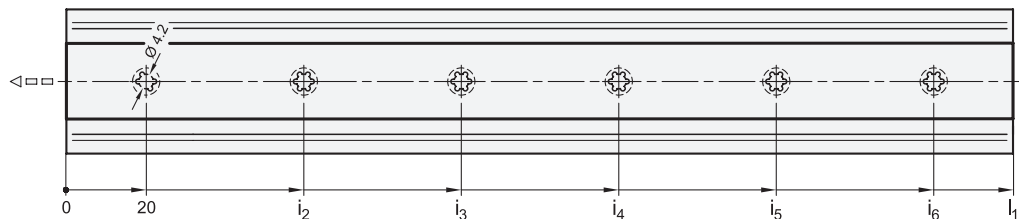
3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9

## Mounting holes - outer slide



$l_1$	$a_3$	$a_4$	$a_5$	$a_6$
300	192	224	-	-
350	192	224	-	-
400	224	256	-	-
450	288	320	-	-
500	320	352	-	-
550	352	384	-	-
600	416	448	-	-
700	448	480	-	-
800	384	416	672	704
900	416	448	768	800
1000	480	512	864	896
1200	576	608	1056	1088

## Mounting holes - inner slide



$l_1$	$i_2$	$i_3$	$i_4$	$i_5$	$i_6$
300	150	280	-	-	-
350	175	330	-	-	-
400	200	380	-	-	-
450	225	430	-	-	-
500	250	480	-	-	-
550	275	530	-	-	-
600	300	580	-	-	-
700	350	680	-	-	-
800	271	522,5	774	-	-
900	305	589	874	-	-
1000	258	497	735,5	974	-
1200	251	482	712	943	1174

## Mounting 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 mounting 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