

## Stainless Steel- Telescopic slides

with full extension, load capacity up to 1050 N

### SPECIFICATION

#### Type

Type **F**: with rubber stop, locking device in back, detach function

#### Identification no.

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

Slide profile / Bearings / Ball cage

Stainless Steel

AISI 304 **NI**

Rubber stop and detach function

Plastic / Elastomer

Lubricant

Roller bearing grease, FDA-compliant

Operating temperature -20 °C to 100 °C



### INFORMATION

Stainless Steel-Telescopic slides GN 1460 are installed vertically and in pairs. The stroke reaches  $\approx 100\%$  of the nominal length  $l_1$  (full extension).

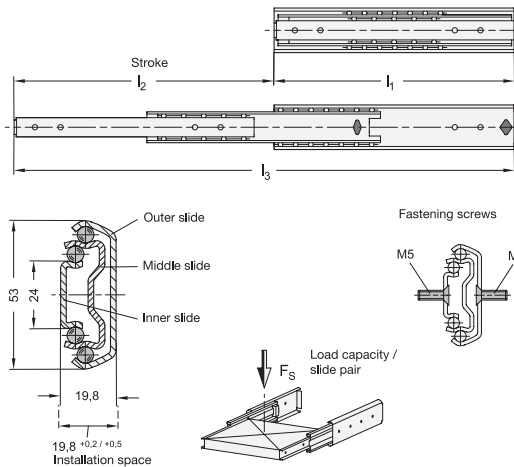
The telescopic slides are delivered in **pairs**. They can be installed on the extension on either the left or right side due to the mechanics. All mounting holes are easy to reach through auxiliary holes. Only the fastening holes are shown, but other production-related holes may be present.

### TECHNICAL INFORMATION

- Stainless Steel characteristics (see page A26)

### ON REQUEST

- other lengths and hole spacing
- other attachment options



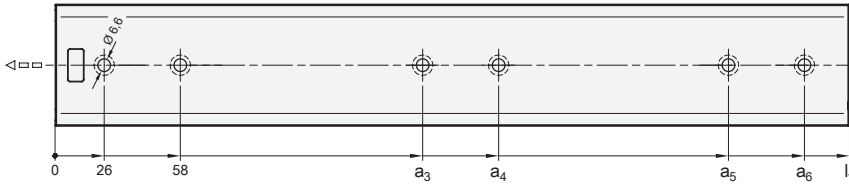
### GN 1460

STAINLESS STEEL

Description	$l_1$	$l_2 + 3/-3$	$l_3$	$F_s$ per pair in N at 10,000 cycles	$F_s$ per pair in N at 100,000 cycles	$\frac{l_1}{l_3}$
GN 1460-250-F-2-NI	250*	274	524	750	520	1852
GN 1460-300-F-2-NI	300*	325	625	960	660	2202
GN 1460-350-F-2-NI	350*	374	724	980	680	2602
GN 1460-400-F-2-NI	400*	424	824	1000	700	1377
GN 1460-450-F-2-NI	450*	475	925	1020	710	2702
GN 1460-500-F-2-NI	500*	524	1024	1050	730	2702
GN 1460-550-F-2-NI	550*	575	1125	1050	730	4052
GN 1460-600-F-2-NI	600*	625	1225	980	680	4452
GN 1460-650-F-2-NI	650*	675	1325	930	650	4802
GN 1460-700-F-2-NI	700*	750	1450	880	630	5202
GN 1460-750-F-2-NI	750*	800	1550	880	630	5552
GN 1460-800-F-2-NI	800*	850	1650	880	630	5902

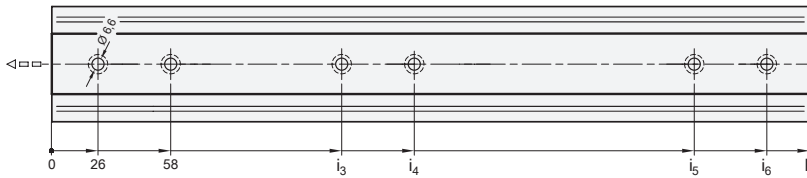
\* The telescopic slides are delivered in pairs.

Mounting holes - Outer slide



l1	a3	a4	a5	a6
250	176	208	-	-
300	226	258	-	-
350	250	282	-	-
400	186	218	314	346
450	186	218	360	392
500	218	250	410	442
550	218	250	460	492
600	218	250	510	542
650	326	358	560	592
700	326	358	610	642
750	326	358	660	692
800	326	358	710	742

Mounting holes - Inner slide



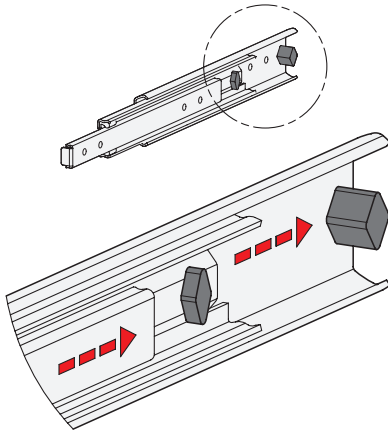
l1	i3	i4	i5	i6
250	187	219	-	-
300	226	258	-	-
350	250	282	-	-
400	154	186	314	346
450	154	186	360	392
500	186	218	410	442
550	186	218	460	492
600	186	218	510	542
650	186	218	560	592
700	276	308	610	642
750	276	308	660	692
800	276	308	710	742

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
Hexagon socket countersunk head screw   DIN 7991	M 5	M 5
Countersunk screw, Phillips   DIN 965	M 5	M 5
Countersunk screw, Phillips   DIN 7997	Size 5	Size 5

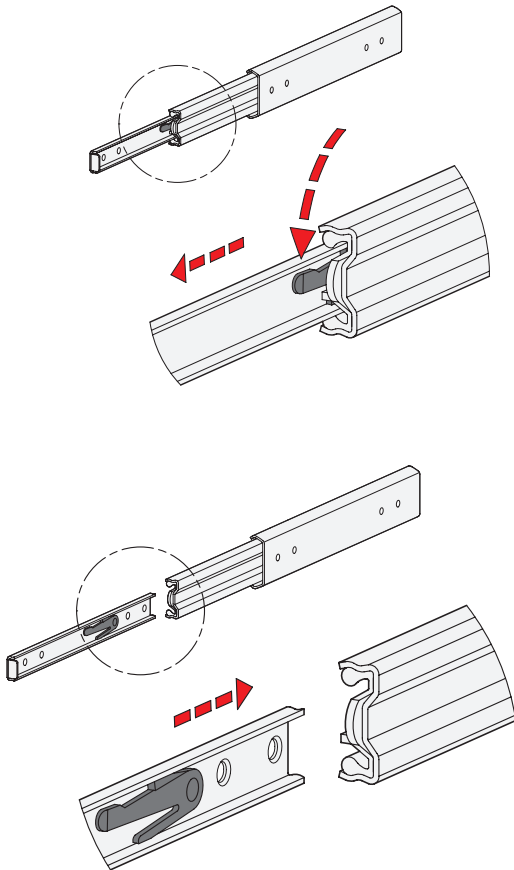


**Rubber stop, locking device in back**

The rubber stops of type F 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.

The rubber stop takes on also a locking function in the back stop position. This feature is noticeable through a slight resistance on opening and closing the slide.

If larger static or dynamic loads occur in the direction of extension, they should be absorbed by external stop elements.

**Detach function**

Type F has additionally a detach function through which the extension slides can be completely separated from one another in the area of the middle and inner slide. This feature not only facilitates mounting. It also allows the extension to be quickly removed, for example, when frequent maintenance work is performed on the components located behind.

The telescopic slide can be quickly and easily detached in the extracted position through activation of the release lever, allowing the inner slide to be removed from the front.

For reattaching the slides, the ball cages need to be moved to the front end position. Then the inner slide is inserted to the back end stop where it locks into place automatically.

The protected arrangement of the release mechanism prevents accidental detachment of the slide.