

## Telescopic Slides

**Stainless Steel, with Full Extension,  
Load Capacity up to 1000 N**

### SPECIFICATION

#### Type

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

#### Identification no.

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

#### Slide profile / Bearings / Ball cage

Stainless steel AISI 304 **NI**

#### Rubber stop

Plastic

#### Detach function

Plastic

#### Lubricant

Roller bearing grease, FDA-compliant (NSF H1)

#### Operating temperature -20 °C to +100 °C

### INFORMATION

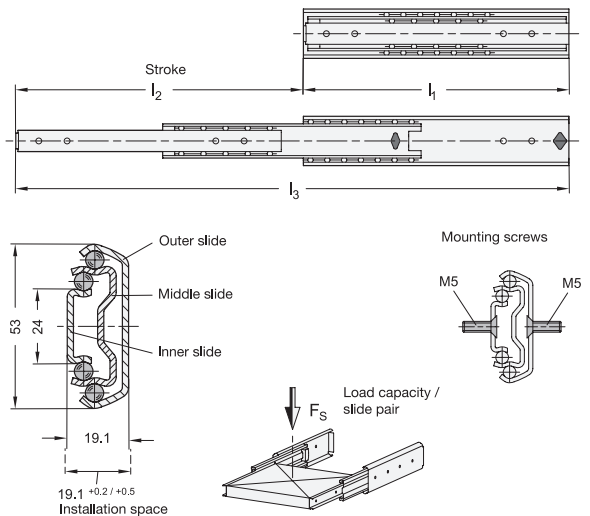
Telescopic slides GN 1460 are installed vertically and in pairs. The stroke reaches  $\approx 100\%$  of the nominal length  $l_1$  (full extension). The telescopic slides are delivered in pairs. They can be installed on the extension on either the left or right side due to the mechanics. All mounting holes are easy to reach through auxiliary holes. Only the fastening holes are shown, but other production-related holes may be present.

### ON REQUEST

- Other lengths and hole spacing
- Other attachment options

### TECHNICAL INFORMATION

- Mounting Holes (see page )
- Overview of Telescopic Slide Types (see page 642)
- Mounting Options Telescopic Slides (see page )
- Mounting Information Telescopic Slides (see page )
- General Notes Telescopic Slides (see page )
- Component Options Telescopic Slides (see page )
- Stainless Steel Characteristics (see page A26)

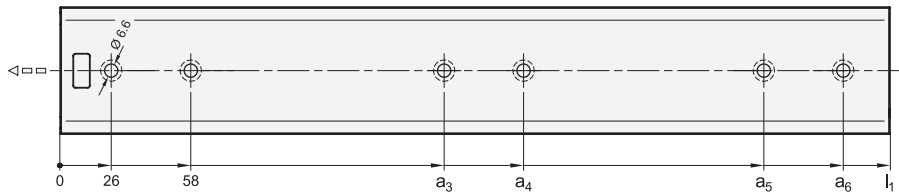


### GN 1460

### STAINLESS STEEL

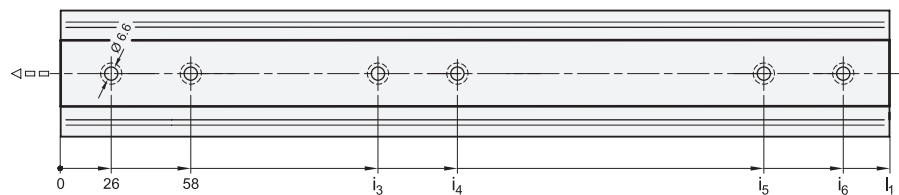
| Description        | $l_1$ | $l_2 +3/-3$<br>Stroke | $l_3$ | $F_s$ per pair in N<br>at 10.000 cycles | $F_s$ per pair in N<br>at 50.000 cycles | $\Delta$ |
|--------------------|-------|-----------------------|-------|-----------------------------------------|-----------------------------------------|----------|
| GN 1460-250-F-2-NI | 250   | 274                   | 524   | 700                                     | 490                                     | 1850     |
| GN 1460-300-F-2-NI | 300   | 325                   | 625   | 750                                     | 530                                     | 1750     |
| GN 1460-350-F-2-NI | 350   | 374                   | 724   | 840                                     | 590                                     | 2600     |
| GN 1460-400-F-2-NI | 400   | 424                   | 824   | 890                                     | 620                                     | 2269     |
| GN 1460-450-F-2-NI | 450   | 475                   | 925   | 920                                     | 650                                     | 2700     |
| GN 1460-500-F-2-NI | 500   | 524                   | 1024  | 950                                     | 670                                     | 2700     |
| GN 1460-550-F-2-NI | 550   | 575                   | 1125  | 970                                     | 680                                     | 3050     |
| GN 1460-600-F-2-NI | 600   | 625                   | 1225  | 970                                     | 680                                     | 3500     |
| GN 1460-650-F-2-NI | 650   | 675                   | 1325  | 980                                     | 690                                     | 3780     |
| GN 1460-700-F-2-NI | 700   | 750                   | 1450  | 1000                                    | 700                                     | 5200     |
| GN 1460-750-F-2-NI | 750   | 800                   | 1550  | 950                                     | 670                                     | 5550     |
| GN 1460-800-F-2-NI | 800   | 850                   | 1650  | 900                                     | 630                                     | 4600     |

Mounting Holes - Outer Slide



| $l_1$ | $a_3$ | $a_4$ | $a_5$ | $a_6$ |
|-------|-------|-------|-------|-------|
| 250   | 168   | 200   | -     | -     |
| 300   | 218   | 250   | -     | -     |
| 350   | 250   | 282   | -     | -     |
| 400   | 186   | 218   | 314   | 346   |
| 450   | 218   | 250   | 378   | 410   |
| 500   | 218   | 250   | 410   | 442   |
| 550   | 282   | 314   | 474   | 506   |
| 600   | 282   | 314   | 506   | 538   |
| 650   | 314   | 346   | 570   | 602   |
| 700   | 314   | 346   | 602   | 634   |
| 750   | 346   | 378   | 666   | 698   |
| 800   | 378   | 410   | 698   | 730   |

Mounting Holes - Inner Slide



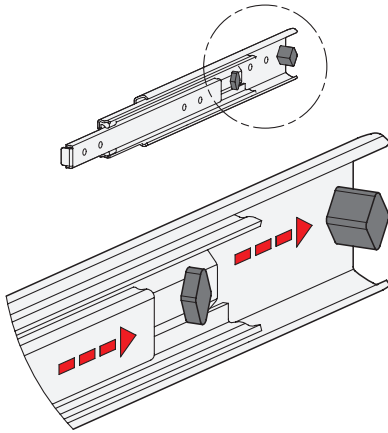
| $l_1$ | $i_3$ | $i_4$ | $i_5$ | $i_6$ |
|-------|-------|-------|-------|-------|
| 250   | 168   | 200   | -     | -     |
| 300   | 218   | 250   | -     | -     |
| 350   | 250   | 282   | -     | -     |
| 400   | 154   | 186   | 314   | 346   |
| 450   | 154   | 186   | 378   | 410   |
| 500   | 186   | 218   | 410   | 442   |
| 550   | 250   | 282   | 474   | 506   |
| 600   | 250   | 282   | 506   | 538   |
| 650   | 282   | 314   | 570   | 602   |
| 700   | 314   | 346   | 602   | 634   |
| 750   | 346   | 378   | 666   | 698   |
| 800   | 346   | 378   | 698   | 730   |

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 fastening screws reduces the specified load capacity accordingly. The following screws can be used for mounting:

| Designation - standard                     | Outer slide | Inner slide |
|--------------------------------------------|-------------|-------------|
| Hex 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

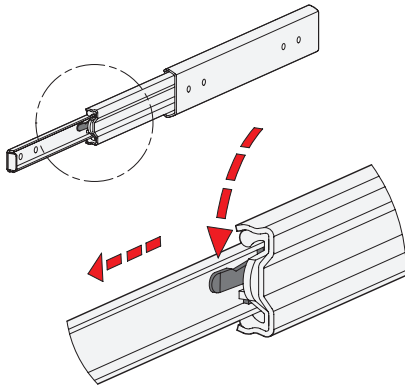


The rubber stops of type F dampen the impact of the slide in the respective end position. This feature minimizes noise development and increases the lifespan. Attached to the slides in a partially concealed, partially visible manner, the stops meet each of the requirements in regard to shape, material, 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.

