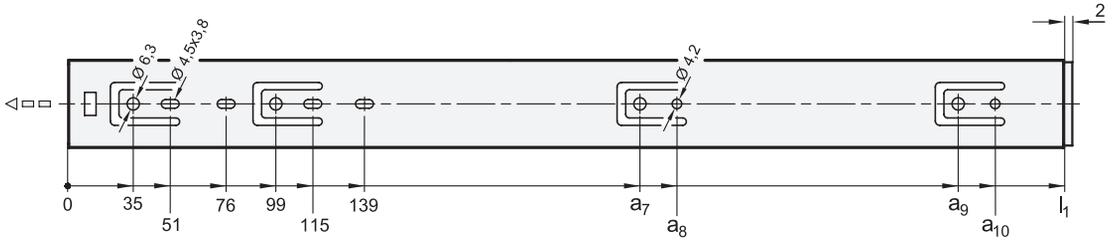
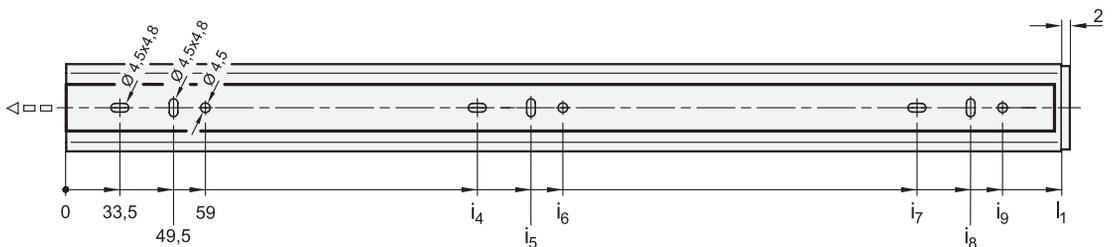


## Mounting holes - outer slide



$l_1$	$a_7$	$a_8$	$a_9$	$a_{10}$
300	191,75	207,75	-	-
350	241,75	257,75	-	-
400	291,75	307,75	-	-
450	195	211	341,75	357,75
500	227	243	391,75	407,75
550	259	275	441,75	457,75
600	291	307	491,75	507,75
650	323	339	541,75	557,75

## Mounting holes - inner slide



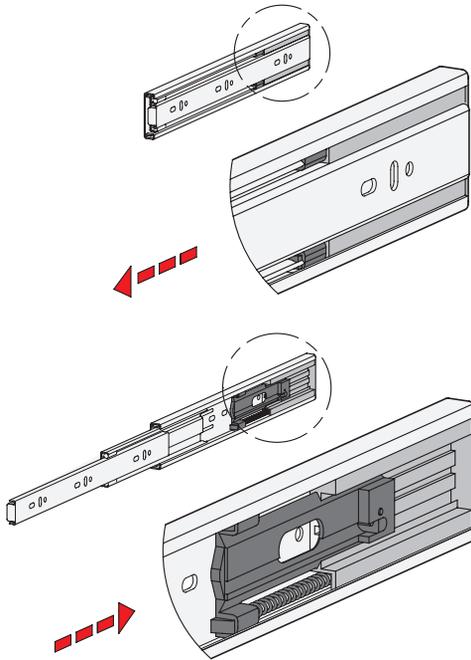
$l_1$	$i_4$	$i_5$	$i_6$	$i_7$	$i_8$	$i_9$
300	129,5	145,5	-	225,5	241,5	251
350	129,5	145,5	155	289,5	305,5	315
400	161,5	177,5	187	321,5	337,5	347
450	193,5	209,5	219	385,5	401,5	411
500	225,5	241,5	251	449,5	465,5	475
550	225,5	241,5	251	481,5	497,5	507
600	257,5	273,5	283	513,5	529,5	539
650	289,5	305,5	315	577,5	593,5	603

## Fastening screws

For the said loading forces  $F_S$  to be absorbed reliably in the surrounding structure, all available through-holes of the outer and inner slide having a diameter ( $\varnothing$ ) of 4.5 must be used. Alternatively, the outer slide has holes with a diameter ( $\varnothing$ ) of 6.3 for Euro screws. The elongated holes,  $\varnothing 4.5 \times 4.8$ , are used likewise for fastening and facilitate adjustment during mounting when needed. 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 button head screw	ISO 7380	M 4	M 4
Pan head screw, Phillips	ISO 7045	M 4	M 4
Pan head tapping screw, Phillips	ISO 7049	ST 3,9 / 4,2	ST 3,9 / 4,2

## Self-retracting mechanism, dampened



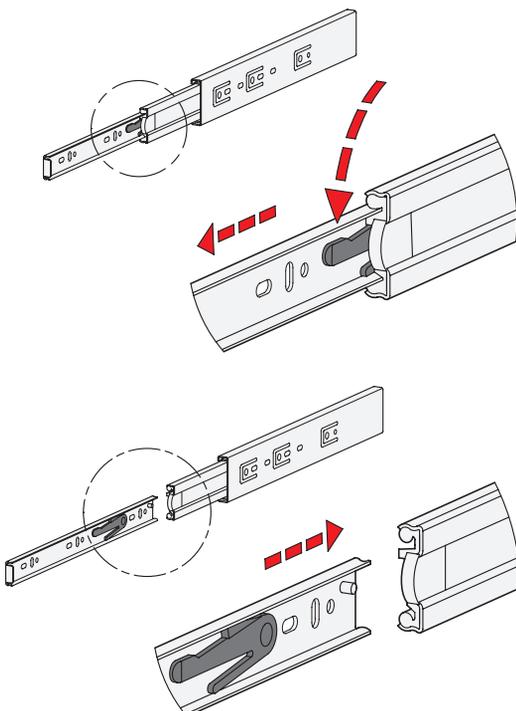
Telescopic slides GN 1414 have a dampened self-retracting mechanism, which is also called “soft-close”. The dampened self-retracting mechanism is divided into two main functions and offers the best possible ease of use on closing the extension.

The self-retracting mechanism takes over the automatic retraction of the slides on the last 47 mm of stroke in the back stop position, where the slides are held in place accordingly. The retraction force is about 40 newtons per slide pair. Also, the dampening mechanism slows down to a considerably reduced speed the closing movement on the said stroke. An extremely smooth and gentle closing movement is achieved. This retraction force has to be overcome accordingly on opening the extension.

The dampened self-retracting mechanism is designed for loads weighing up to 36 kg based on 60,000 cycles (LGA standard). Proper use, including the reduction of the stroke speed to no more than 0.15 m/s on reaching the retraction mechanism, as well as compliance with the load values are required.

In this slide variant the available retraction force can be regarded as a locking device, which is noticeable through a slight restriction on opening the extension.

## 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.