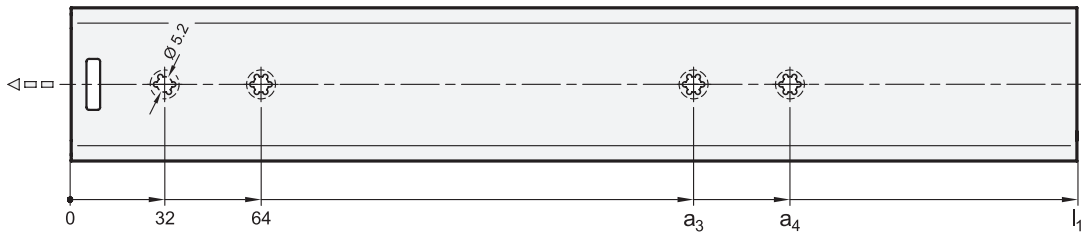


Mounting holes - Outer slide

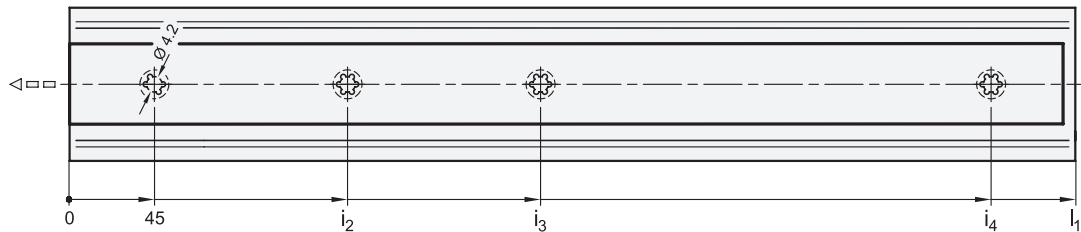


Metric table

Dimensions in: millimeters - inches

| l_1 | a_3 | a_4 |
|--------------|--------------|--------------|
| 350 13.78 | 192 7.56 | 224 8.82 |
| 400 15.75 | 224 8.82 | 256 10.08 |
| 450 17.72 | 288 11.34 | 320 12.60 |
| 500 19.69 | 320 12.60 | 352 13.86 |
| 550 21.65 | 352 13.86 | 384 15.12 |
| 600 23.62 | 416 16.38 | 448 17.64 |
| 700 27.56 | 448 17.64 | 480 18.90 |

Mounting holes - Inner slide



Metric table

Dimensions in: millimeters - inches

| l_1 | i_2 | i_3 | i_4 |
|--------------|--------------|--------------|--------------|
| 350 13.78 | 173 6.81 | 301 11.85 | - |
| 400 15.75 | 173 6.81 | 333 13.11 | - |
| 450 17.72 | 205 8.07 | 397 15.63 | - |
| 500 19.69 | 237 9.33 | 461 18.15 | - |
| 550 21.65 | 269 10.59 | 493 19.41 | - |
| 600 23.62 | 173 6.81 | 301 11.85 | 562 22.13 |
| 700 27.56 | 173 6.81 | 333 13.11 | 653 25.71 |

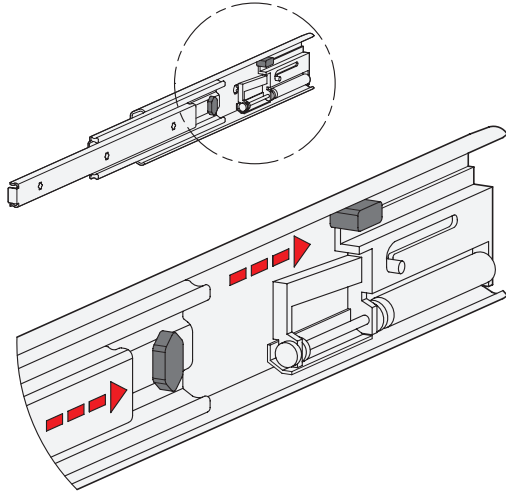
3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

Mounting screws

For the listed 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 |
|---|----------|-------------|--------------|
| Socket countersunk head screw | DIN 7991 | M 5 | M 4 |
| Phillips countersunk flat head screw | DIN 965 | M 5 | M 4 |
| Phillips countersunk flat head self-tapping screw | DIN 7997 | Size 5 | Size 4 / 4.5 |

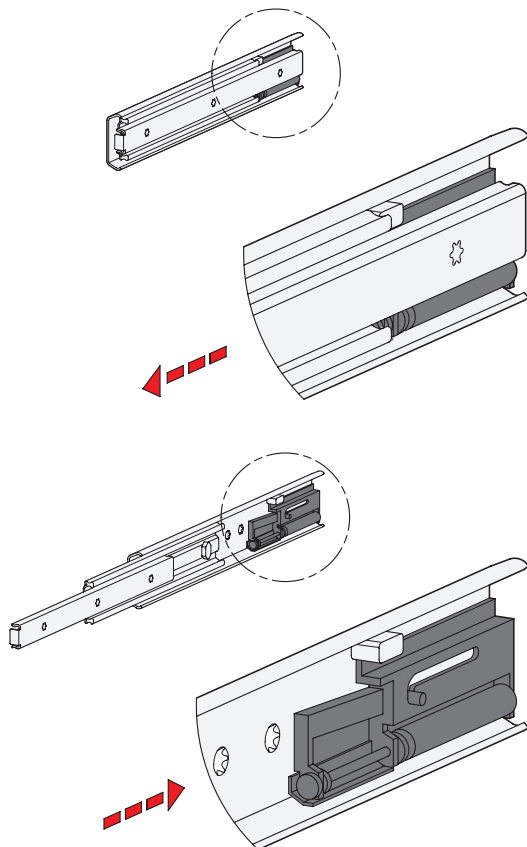
Rubber stop



The rubber stops dampen the impact of the slide in the two end positions. This feature minimizes noise development and increases the service life. Attached to the slides in a partially concealed, partially visible manner, the stops meet each of the requirements in regards to shape, material, and hardness.

If larger static or dynamic loads occur in the direction of extension, they should be absorbed by additional end stops.

Self-retracting mechanism, dampened



GN 1424 telescopic slides have a dampened self-retracting mechanism, which is also called “soft-close”. The dampened self-retracting mechanism is divided into two main functions and provides the best possible ease of use when closing the extension.

On the one hand, the self-retracting mechanism automatically retracts the slides on the last 40 mm of stroke to the retracted end position, where they are held in place accordingly. The retraction force is about 35 newtons per slide pair. On the other hand, the closing movement on the mentioned stroke is slowed down by the damping mechanism and thus reduces the speed considerably. An extremely smooth and gentle closing movement is achieved. This retraction force has to be overcome accordingly when opening the extension.

The dampened self-retracting mechanism is designed for load values up to 75 kg based on 60,000 cycles (LGA standard). Proper use, such as reducing the travel speed to max. 0.15 m/s when the retraction mechanism is reached, as well as compliance with the load values are required.