



# Manual

for the installation of

## telescopic slides



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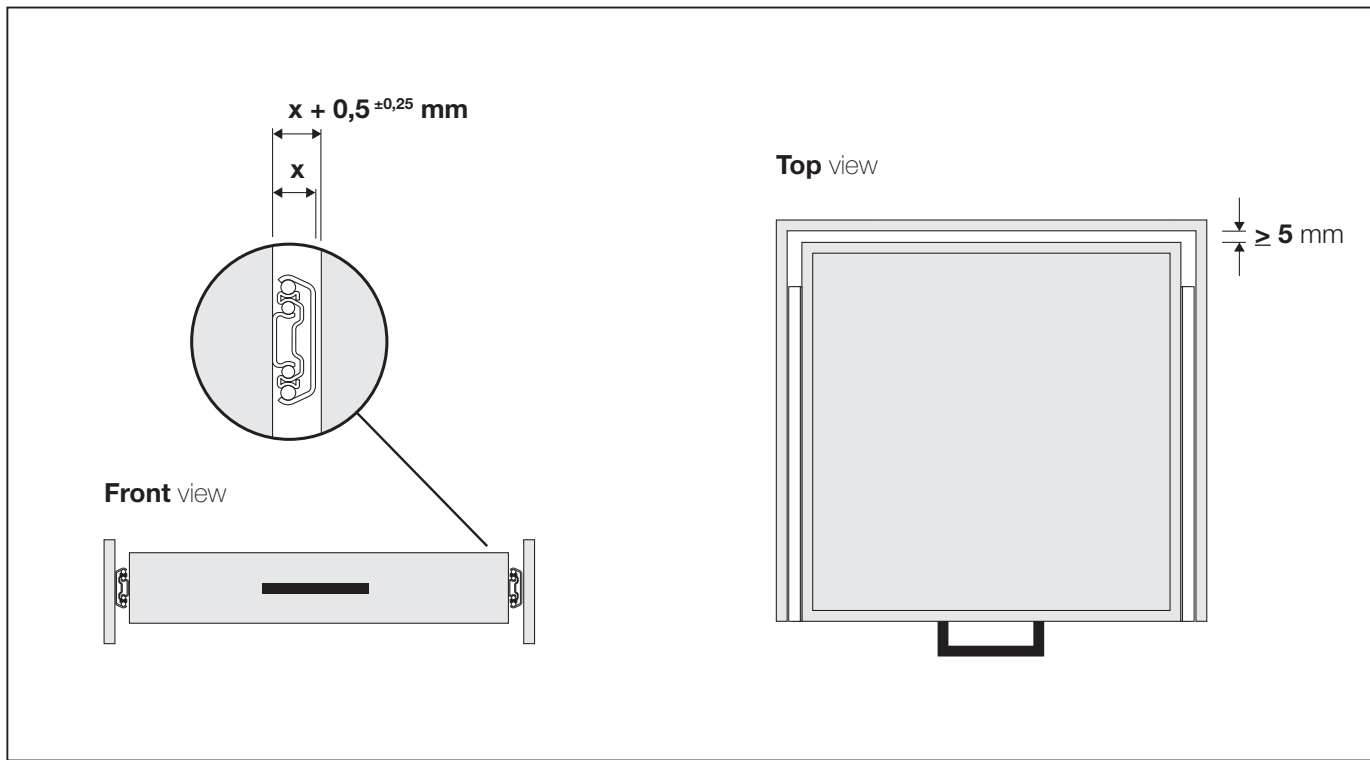
Thank you for purchasing a product from Thomas Regout International B.V. This manual covers the installation of telescopic ball bearing slides. If you have questions, please contact your salesperson or visit [www.thomasregout.com](http://www.thomasregout.com).

## General

This manual pertains to all telescopic ball bearing slides produced by Thomas Regout International B.V. at our factory in the Netherlands. Correct installation ensures maximum service life. We will be happy to help you select the correct slide for your specific application.

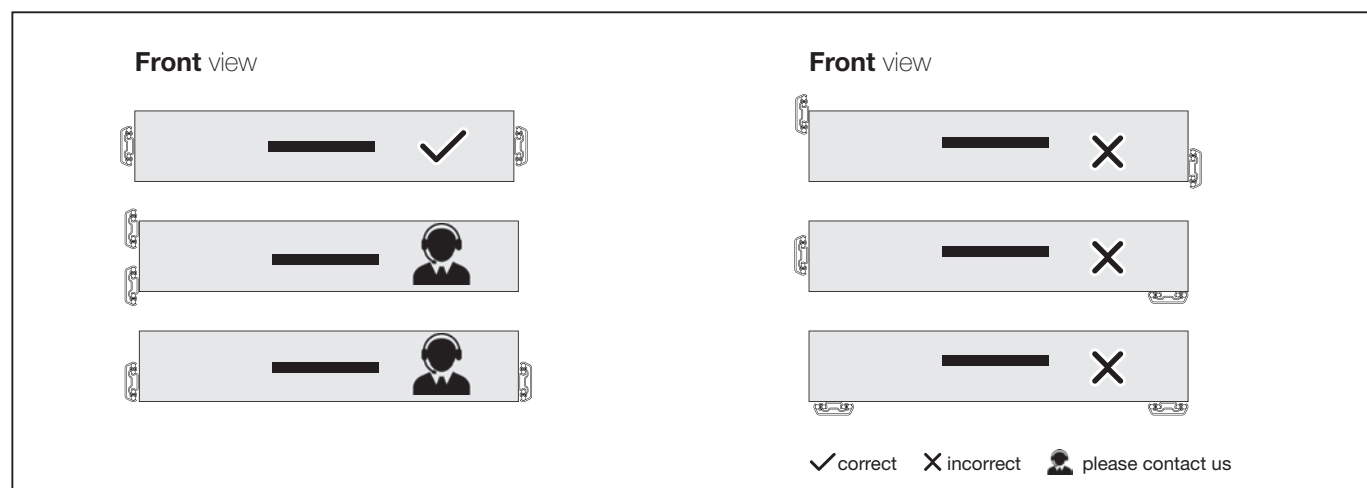
## Overall dimension

When installing a slide, the nominal overall dimension of the slide relative to the side of the drawer/cabinet must be kept in mind. The overall dimension is the thickness of the slide plus  $0.5 \text{ mm} \pm 0.25$ . The thickness of the slide is measured at the ball cage in the closed position. Be sure to leave at least 5 mm of clearance behind the drawer.



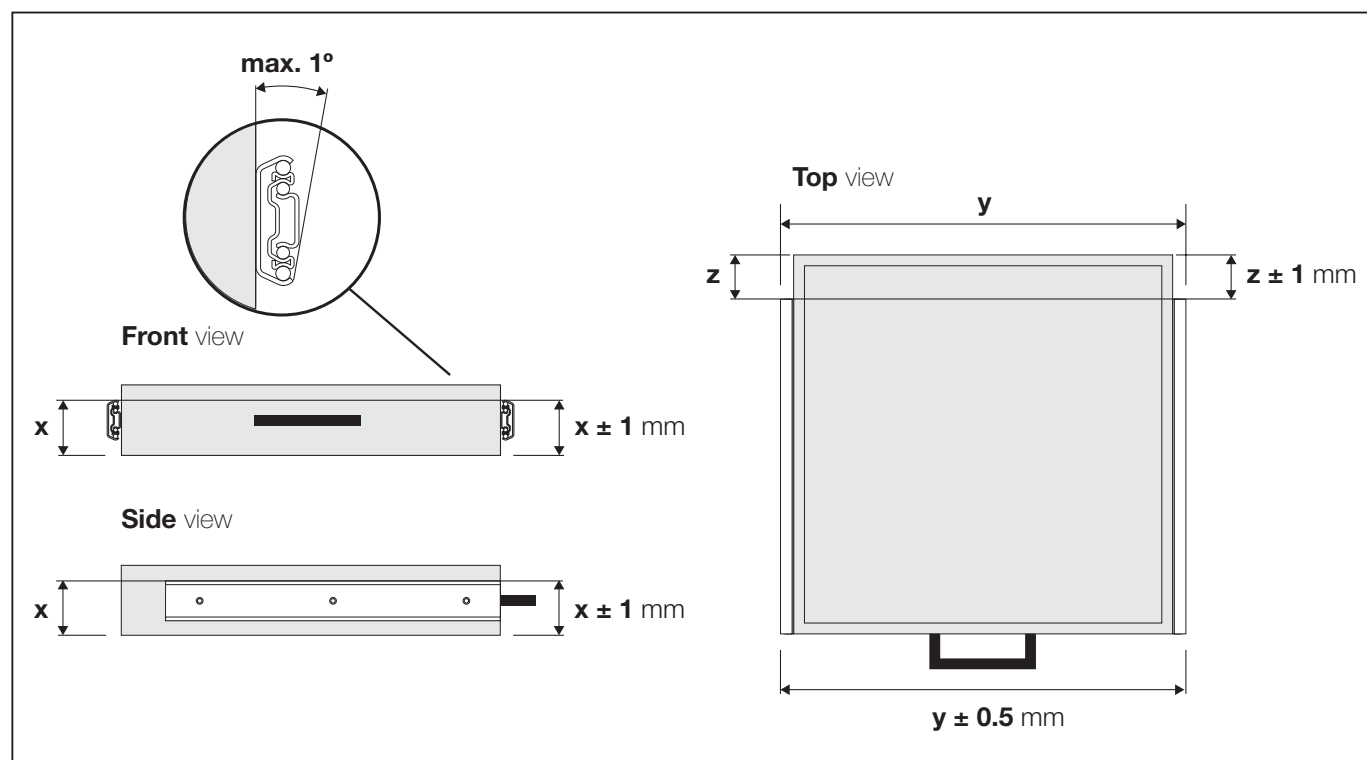
## Ideal installation situation

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## Alignment

When positioning the slides, it is important that they are aligned accurately, within the specified tolerances. The more precisely the guide rails are aligned, the smaller the chance that the slides will work against each other.

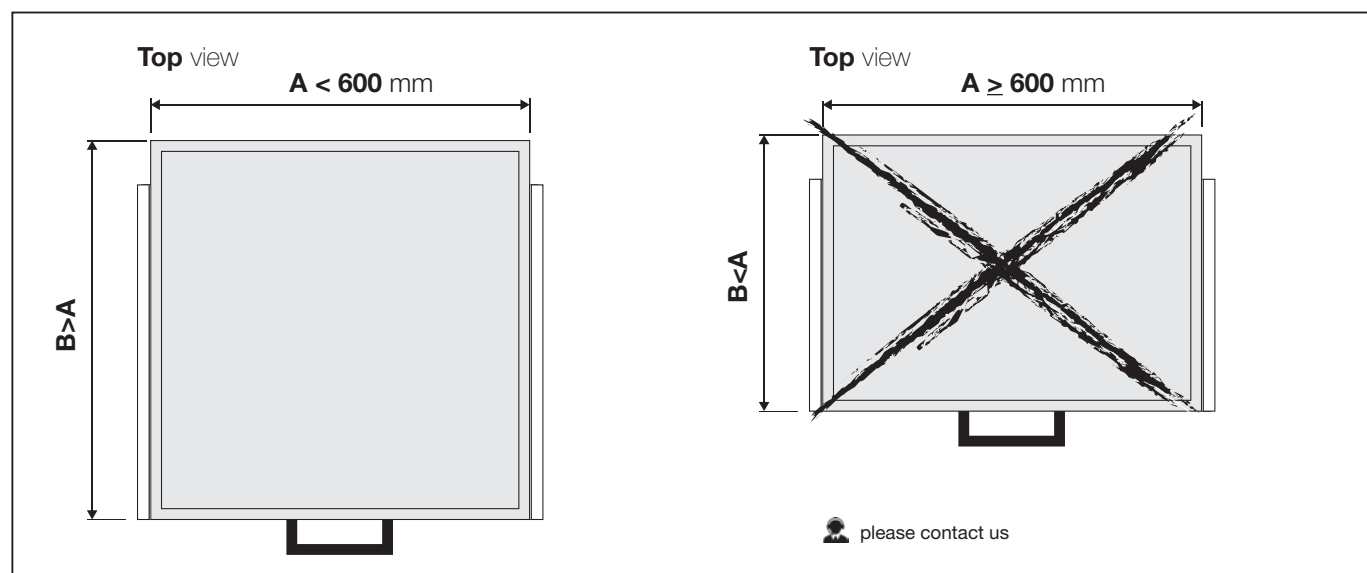


## Construction

Our slides perform best when mounted in a very rigid construction (furniture, device or installation). Do not use the drawer slides as a structural part of a construction.

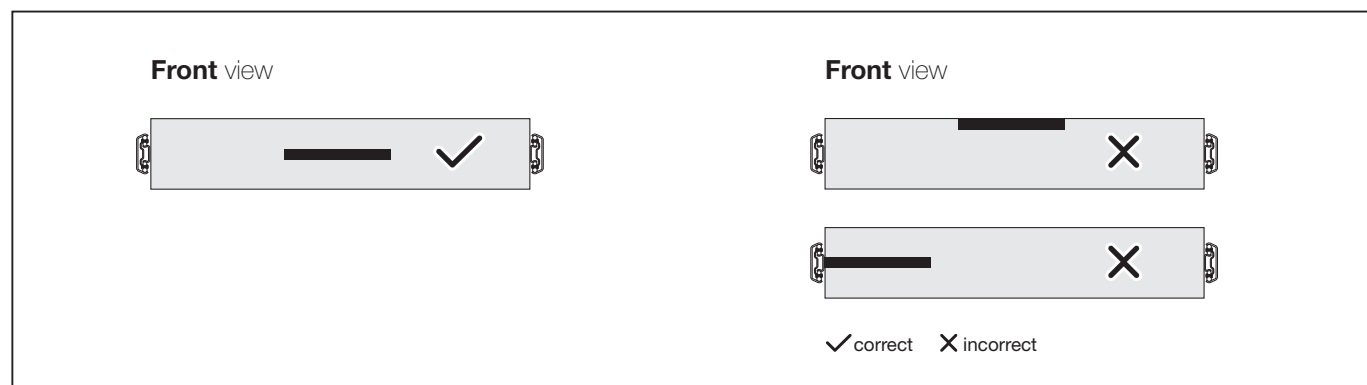
## Dimensions

Our slides are tested at a maximum width of 600 mm. If you have a drawer wider than 600 mm, please contact us to discuss the possibilities we can offer you.



## Handle

The mounting position of the handle affects the performance of the slides. It is recommended that the handle be attached in the centre of the drawer (as shown).

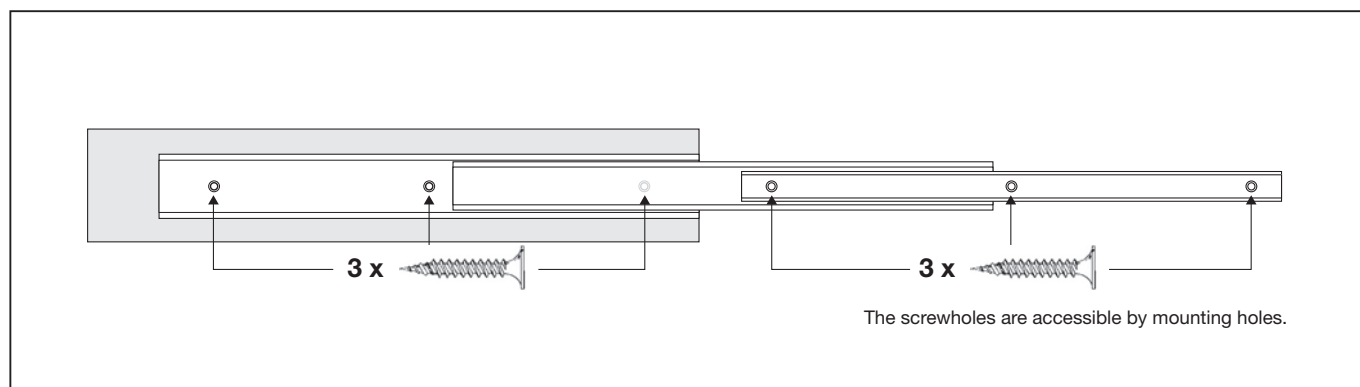


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## Fixation

Drawer slides can be mounted using a wide variety of fixations such as screw holes, mounting tabs, hanging tabs, press-in bolts, etc. When selecting screws, make sure the screw head does not protrude, so there is no contact between the moving parts of the slide and the screw head.

For our standard products, fixation recommendations are available on our website: [www.thomasregout.com](http://www.thomasregout.com).



## Load capacity

Thomas Regout International B.V. distinguishes between two types of usage: dynamic use and static use. Load capacities are specified per pair and are purely indicative. Length, application and construction of the enclosure all have an impact on the load capacity. We recommend testing based on a prototype of the final application. Only then can the proper operation, service life and safety of the application be ensured.

### Static load capacity

Static load means that the load capacity of the slide is based on less than 10.000 cycles per pair.

### Dynamic load capacity

Dynamic load means that the load capacity of the slide is based up to 60.000 cycles per pair. The number of cycles affects the service life and performance of a slide. Other factors that may affect performance are:

1. a uniformly or unevenly distributed load
2. centre of gravity of the load
3. the speed and/or frequency of the movement
4. the length of the slide relative to the extended length
5. the force with which the load comes against the end stop
6. for optimum performance, the slides must be regularly fully extended

## Abnormal loads / vibrations

Transport, misuse and shock loads – even of short duration – may cause damage. Excessive or continuous vibration can also reduce the performance and service life of the slides.

## Corrosion

Our slides have a corrosion-resistant, zinc-plated, blue-passivated finish. High humidity, salts or other chemical agents may damage the surface of metal or plastic components. Exposure to any such conditions should be avoided at all times.

## Grease

To ensure optimum performance, Thomas Regout International B.V. applies grease/lubricant to the slides. Contaminants such as grime, grindings, sawdust, paint, etc. may reduce the effectiveness of the applied grease.

## Maintenance

Thomas Regout International B.V. slides are maintenance-free.

## Safety



It is recommended that appropriate gloves and any other protective equipment deemed necessary be worn during the assembly and handling of slides.



You are working with a high-quality product with moving parts. Remain alert to avoid danger of pinching/crushing by the moving parts.

## For more information

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