

WE OPEN SPACE



Roto NT Designno

Beautiful!

The star among window hardware
sets new standards

CONVENIENT: 100° OPENING ANGLE AND EASY INSTALLATION

Aesthetic design and functionality are important principles to consider when developing window technology. Roto NT Designo sets new standards in this field, having no visible hinges from outside and no cover caps that could come off. This new concealed hardware is also available in an elegant matt silver finish.

Wide opening. The window can be opened up to a maximum angle of 100°. Roto NT Designo offers an especially generous opening width and with this, an unobstructed view for the customer.

Finest technology. All components are fully integrated in the window sash, making them invisible from the outside. Sashes can be adjusted in three planes via adjusting screws. Rebate clearance adjustment is carried out via the corner hinge and the stay guide. Low-maintenance: Special grease slots guarantee permanent lubrication of the hinge bars, reducing wear and tear.




Wide opening
Roto NT Designo can be opened up to 100°



3D adjustment in the pivot rest
for optimal lateral, vertical and gasket-compression adjustment of the window sash



Easy rebate clearance adjustment
by means of a screw and 4mm Allen key



One-man installation. Roto NT Designno considerably reduces installation time and expense. All adjustments can be carried out with a 4mm Allen key; adjustment limitations are visible on a scale, integrated in the corner hinge. Although components are small and compact, allowing them to be easily concealed, they are also robust.

T DESIGNNO

STRONG: HIGH SASH WEIGHTS AND HIGH SECURITY

For sash weights up to 80kg. With the standard Roto NT

Designo hardware, sash weights of up to 80kg are possible. From the beginning of 2007, you can also make windows with a sash weight of up to 130kg.

Advantage: Heavy, large windows and doors can be implemented in construction projects with the same hardware.



NT DESIGNO

Innovative security concept. Roto NT Designo is equipped with small, compact hinge-side components, leaving for additional security, up to burglary resistance grade 2 (WK2). The anti-jemmy device is integrated as standard in the corner hinge. With this, unintentional mishandling of the sash is prevented. In addition, the new tapered "T-entry", built into the tilt mechanism, contributes to high security.

The anti-jemmy device in the corner hinge is automatically activated when the window is closed



Small hinge-side components such as the compact pivot rest leaves space for retro-fitting additional security



The new tapered "T-entry" in the stay area provides a high level of security against unintentional mishandling of sashes with too much rebate clearance

STRAIGHT FORWARD: DESIGNO IS COMPLETELY INTEGRATED IN THE NT MODULAR SYSTEM

The modular design facilitates manufacturing processes. All of Roto NT Designo's components are perfectly matched with the Roto NT modular system. This considerably reduces installation time and expense. Further advantages: Smaller variety of components, less stock space required. Generally speaking, Roto NT Designo is easier to install; both automatically and manually. The hardware is simply positioned in the corners, avoiding installation errors. One man installation is also easy.

Automatable sash installation. As with Roto NT, Roto NT Designo can be installed automatically on window sashes. Your production does not have to be interrupted when changing over to other hardware.

New accessories for individual requirements. For example; an additional turn-restrictor (can be switched to 90° or 100°) for large and heavy windows.

Efficient hardware installation

The Roto NT Designo window sashes can be mounted in a fully automated manner, without having to interrupt manufacturing.



Turn-restrictor

This relieves the end-stop, integrated in the pivot rest, and prevents damaging the hardware in the case of sudden impact loads (e.g. wind gust).



Fabrication in accordance with the modular system principles

Whether standard or security windows, partially automated or fully automated manufacturing; all components are based on the Roto NT modular design principle and are always connected at the same positions. Easy and fast due to the patented Clip&Fit system.



NT DESIGNNO

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