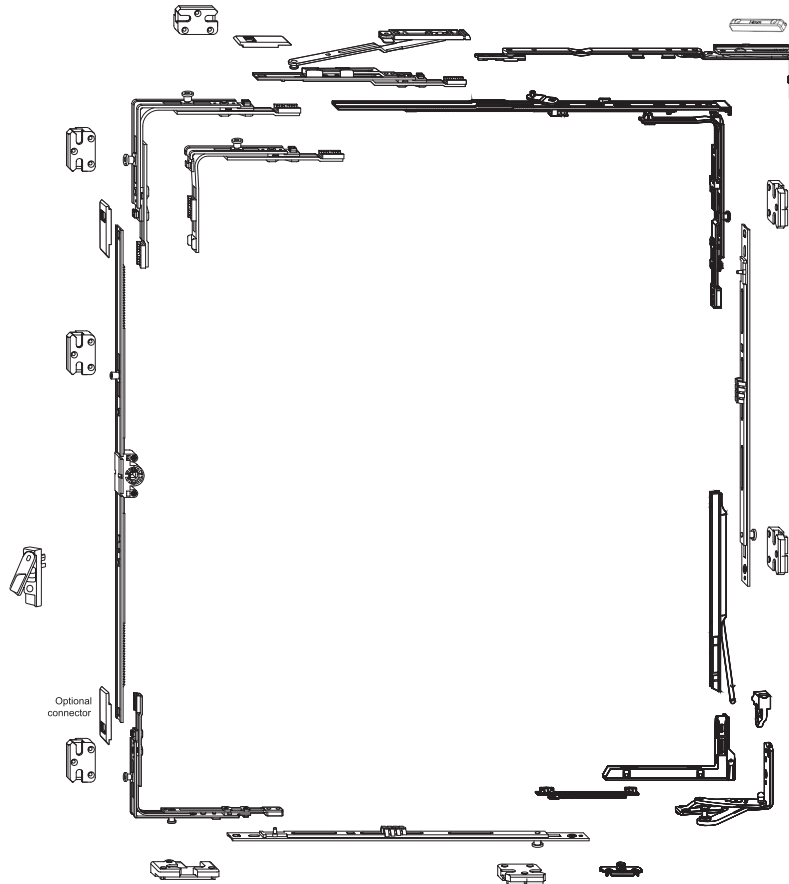


PRODUCT BULLETIN

Roto NT Designo Security Tilt & Turn Hardware for ALUK



ALUK utilises a slim backset drive gear, not the standard one shown. Drawing is for layout purposes only.

Roto NT Designo Security Tilt & Turn Hardware for ALUK

The NT Designo hardware system from respected German manufacturer, Roto-Frank, is a top quality hardware system for aluminium tilt and turn windows.

Designo has been successfully tested at BSI to PAS24:2016 on ALUK sash AW6211 used with outer frame AW6621.

As well as keeping unwanted intruders at bay, Designo copes with large and heavy sashes weighing up to 100Kg as standard. There is the option of fitting an additional load transfer device to reach weights of up to 150Kg if required.

All hinges are fully concealed and are adjustable via a standard 4mm hex key.

Fitting Designo is quick as there is no need to pre-set the position of the top and bottom frame hinge components by pre-drilling the fixing holes with the use of a jig. The profile related components simply locate into the corner, ready for fixing.

Designo features the patented Clip&Fit system which speeds up the fitting procedure further. The components are held in place within the Eurogroove prior to final fixing, making NT suitable for manual or automated fabrication lines.

The maximum tilt angle can be set to the Standard (140mm) or Reduced (80mm) tilt range when fitting the stay arm, and the window will open to a generous 100° in turn mode to allow easy cleaning from inside the building and unrestricted passage if required. An additional turn restrictor restricts the turn angle of heavy sashes or those over 1000mm wide.

Benefits at a glance:

- Tested to PAS24:2016 on ALUK profile (frame size 1200 x 2300mm)
- 100Kg sash weight as standard with option to upgrade to 150Kg
- 2600mm maximum sash rebate height (1400mm sash rebate width)
- No pre-drilling with jig required for hinges as they self locate into frame corners
- 100° turn opening for easy passage if required, or effective purge ventilation
- 2 tilt range settings
- Attractive matt silver Roto Sil Nano surface treatment looks great and meets the requirements of EN1670:2007 grade 5 (480 hours)
- NT stepped faceplate for greater stability and pleasing aesthetics
- No jigs required, and Clip&Fit system makes it easy to fit the hardware quickly on manual or automated production lines
- All adjustments are carried out with a standard 4mm hex key and the sash can be hung easily by one operative

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