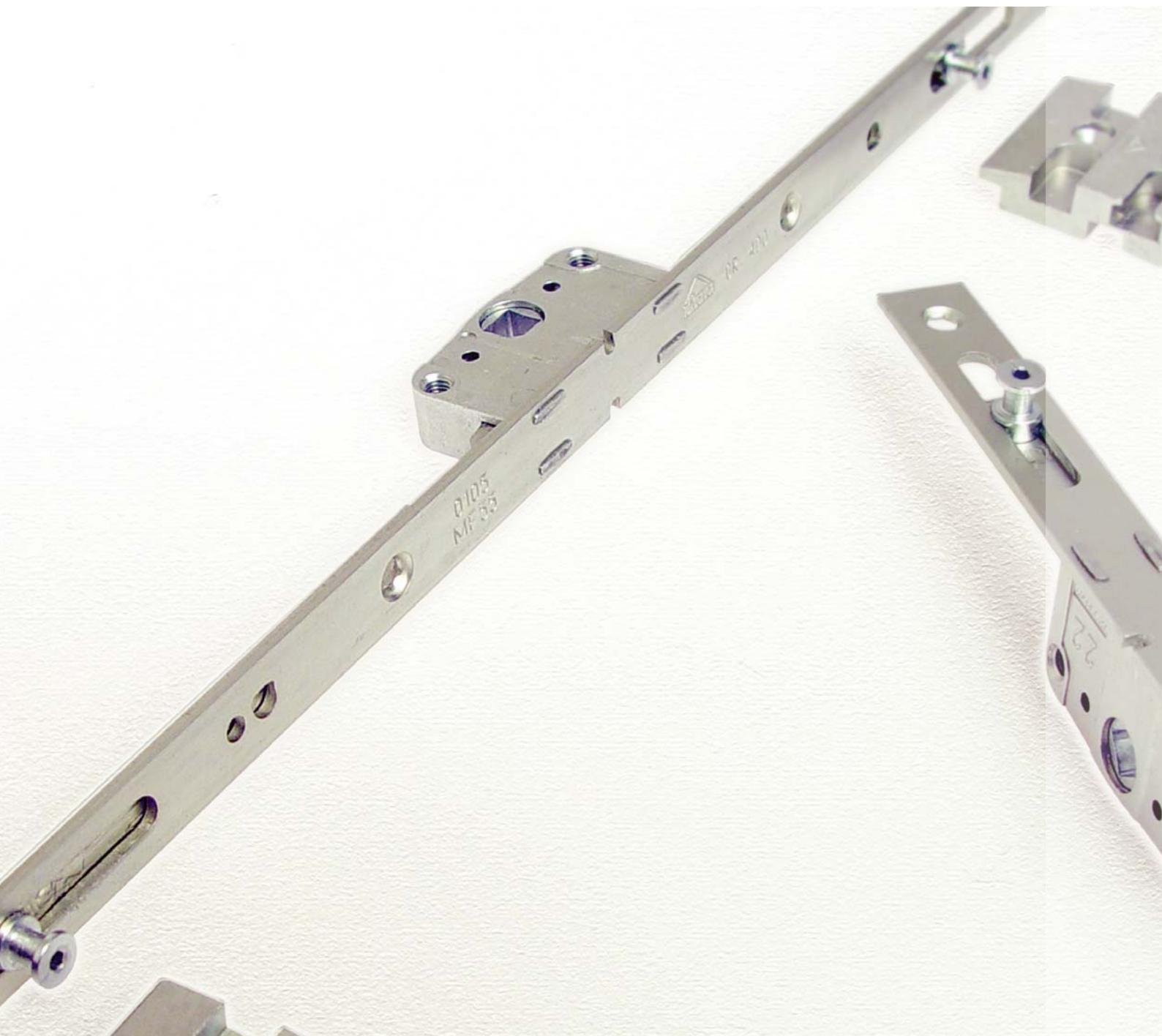


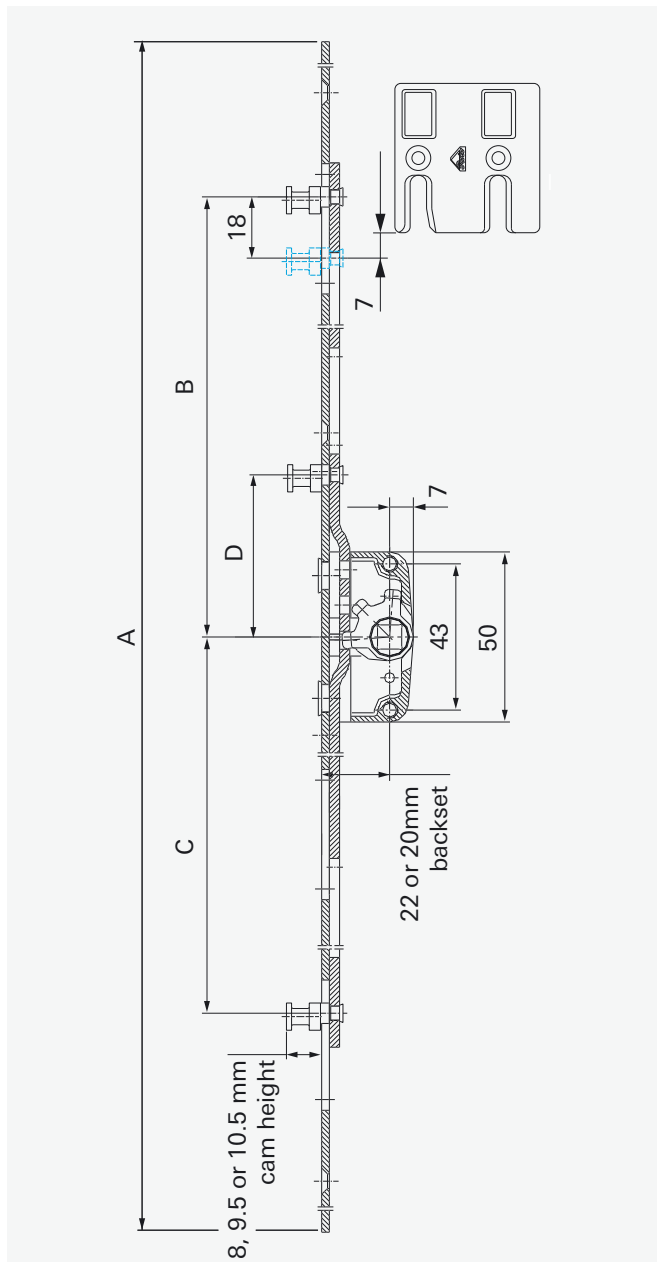
Casement windows

Standard espagnolettes



Casement windows

Standard espagnolettes



Length	Dim. A	Dim. B	Dim. C	Dim. D
150	150	65	N/A	N/A
240	240	88	72	N/A
400	400	143	127	N/A
600	600	243	227	N/A
800	800	343	327	N/A
1000	1000	443	427	128
1200	1200m	543	527	128

ROTO standard espagnolettes are ideal for either top or side hung, outward opening casement windows. Capable of catering for sash rebates between 300mm and 1400mm, they are available in 20mm or 22mm backsets. Each espagnolette features cams which vary in height (8mm, 9.5mm or 10.5mm) and are adjustable by +/-1mm.

The drive rod is made from 3mm gauge steel and has 18mm of travel. Tests confirm that the cams resist a pull out force of 3kN. This represents the perpendicular loading applied when testing to BS 7950. However it must be borne in mind that the espagnolette and its strikers are only as strong as the strength of their fixings into the sash.

With profile related strikers available from Roto Frank's TSL range, there is compatibility with all the leading profile extruders.

Coating specification

ROTOsil is the name for the surface finish used on the Roto hardware product range. It is an electrodeposited zinc-based coating, specially formulated to give the finished component a smooth, even appearance in a silver-matt colour tone.

ROTOsil surface protection meets the requirements of:
BS EN 1670:1998 Part 5.6, Class 4 – Building hardware. Corrosion resistance. Requirements and test methods. The above is the corrosion requirement called for by:
BS 7412:2002 (Amendment No.1 and Corrigendum No.1) – Specification for windows made from polyvinyl chloride unplasticised (PVC-U) extruded hollow profiles.

ROTOsil also complies with the requirements of RAL-RG 607/3, an assessment criteria for tilt and turn windows and related components (applicable in Germany only).



Roto Roof Windows and Hardware Ltd.

Swift Point
 Rugby CV21 1QH
 United Kingdom
 Telephone +44 (0)1788 55 86 00
 Facsimile +44 (0)1788 55 86 05
 info.west@roto-frank.com
 www.roto-frank.co.uk