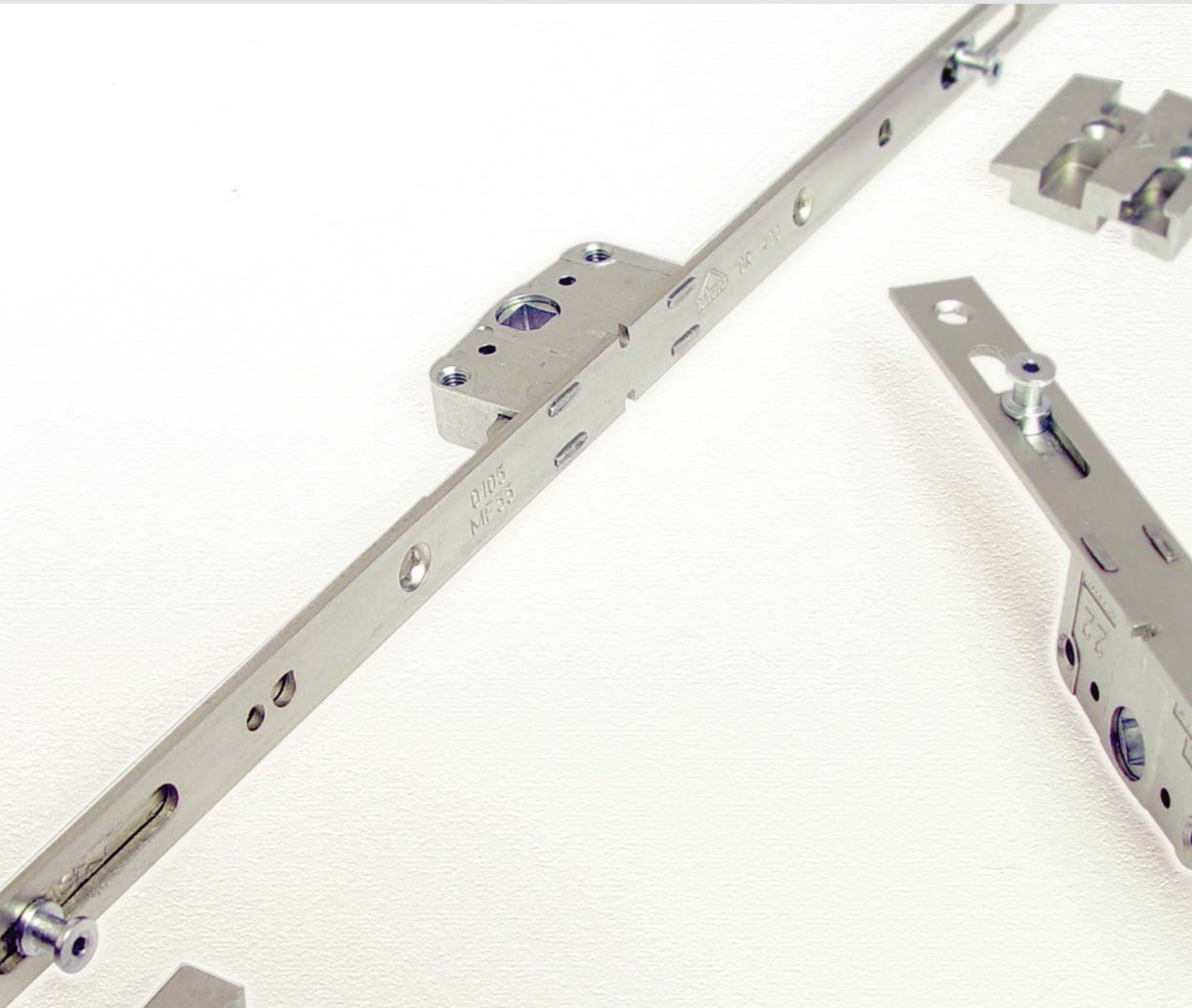


WE OPEN SPACE

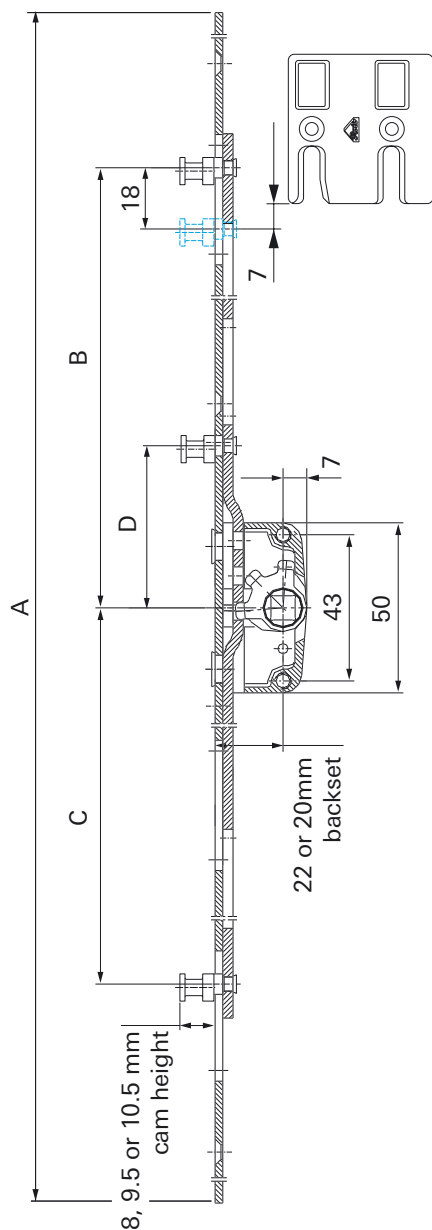


## STANDARD ESPAGNOLETTES CASEMENT WINDOWS

ROTO standard espagnolettes are ideal for either top or side hung, outward opening casement windows. They provide quick, simple installation and compression adjustment through the mushroom, security cams. All visible surfaces are coated with RotoSil, which imparts an aesthetically pleasing silver finish. This coating is BS EN 1670:1997 Part 5.6 Class 4 certified



# STANDARD ESPAGNOLETTES



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.

Note: the following is withdrawn by BSI and superseded by **BS EN 1670** (see above).

**BS 7479:1991** - Method for salt spray corrosion tests in artificial atmospheres (withdrawn).

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).

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 Frank Ltd  
 Swift Point • Rugby • Warwickshire • CV21 1QH  
 Telephone: 01788 558600 • Facsimilie: 01788 558605  
 E-Mail: [uk\\_sales@roto-frank.com](mailto:uk_sales@roto-frank.com) • Internet: [www.roto-frank.co.uk/](http://www.roto-frank.co.uk/)

