

TECHNOLOGY IN MOTION



MACO
ESPAGS
ESPAGNOLETTES



For high security windows

MK1 SHOOTBOLT



**MACO
ESPAGS**



MACO shootbolt espagnolettes for casement windows incorporate all the benefits of safety and security expected of modern window technology in today's environment.

MACO shootbolt espagnolettes have been vigorously tested for security and performance above the requirements of industry standards.

For performance they have been endurance tested to 40,000 operations and salt spray tested in accordance with BS EN 1670, silver look class 4 and tricoat class 5.



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MACO Shootbolt-Espagnolettes



Benefits of MACO Shootbolt-Espagnolettes

- Designed for profiles with eurogrooves.
- Fast fit assembly with a minimum of components.
- Profile designated striker plates with a Night Vent position.
- Adjustable length shootbolt throw.
- Passive shootbolt for security purposes only.
- Compression is achieved by adjustable mushroom bolts, on sash rebate sizes over 400 mm.
- Small lockcase prep size for maximum profile strength.
- Available in 20 and 22 mm backsets, with 7.7, 9.0 and 10.5 mm high mushroom bolts.
- Combi striker plates used in the corners for maximum security.
- Shootbolt striker plates are designed to act as anti jemmy devices.
- Total lockcase depth is only 7 mm more than backset.





Shootbolt Espagnolettes – Order Numbers – (all dimensions in mm)											
MK1 – Drive Gear			MK1 – Shootbolt Extensions								
Silver No	TRICOAT No	Backset	7.7 mm Mushroom		9.0 mm Mushroom		10.5 mm Mushroom		Size	Sash Rebate Size	Mushroom per Extension
			Silver No	Tricoat No	Silver No	Tricoat No	Silver No	Tricoat No			
11262	102699	20									
11263	101536	22									
57177	214118	20 without cover plate	58177	214125	58177	214125	58177	214125	Gr. 0	320 – 400	–
57178	213219	20 without cover plate	58160	209717	58161	213444	58157	214119	Gr. 1	401 – 800	1
57175	214116	20 + cover holder	58162	209019	58163	213457	58158	214120	Gr. 2	801 – 1100	2
57176	214117	22 + cover holder	58164	209070	58165	213458	58159	214121	Gr. 3	1101 – 1400	2

Accessories

Stabilizing Plates



- Stabilizing plates help to increase the strength of the corner weld (not required on all profile systems).



Hinge Protectors

- Interlocking bolts are used to protect the hinges when under attack.

Striker Plates



- Manufactured bespoke for individual profile systems ensures that the security and performance of the window is maximised.



Extension Pieces

- Extension pieces can be added so that the handle can be fitted below the centre of the sash.