

TECHNOLOGY IN MOTION



**MACO**  
**ESPAGS**  
ESPAGNOLETTES



Mk1 Shootbolt-Espagnolette



# SHOOTBOLT-E

For high security



- **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.**
- **Mushroom and shootbolt striker plates interlock for maximum security.**
- **Shootbolt striker plates are designed to act as anti jemmy devices.**
- **Total lockcase depth is only 7 mm more than backset.**
- **Tested to 7.4Kn, more than double the current requirements of BS7950:1997.**

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 have been salt spray tested for 500 hours by the BBA.

BBA assessment report No. 1469



# Espagnolettes

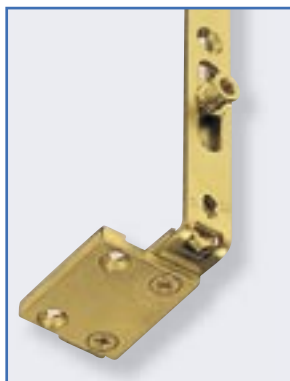
## Security Windows.



### 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.



(all dimensions in mm)

Reverse Action Drive Gear		
Silver N <sup>o</sup>	Yellow N <sup>o</sup>	Backset
11262	13128	20
11263	13129	22
57177	28213	20 without cover plate
57178	28214	22 without cover plate
57175	10228	20 + cover holder
57176	10229	22 + cover holder

Shootbolt Extension Pieces									
7.7 mm Mushroom		9.0 mm Mushroom		10.5 mm Mushroom		Size	Sash Rebate Size	Mush. Per. Extension	
Silver N <sup>o</sup>	Yellow N <sup>o</sup>	Silver N <sup>o</sup>	Yellow N <sup>o</sup>	Silver N <sup>o</sup>	Yellow N <sup>o</sup>				
58177	28215	58177	28215	58177	28215	Gr. 0	320 – 400	–	
58160	28610	58161	28611	58157	50916	Gr. 1	401 – 800	1	
58162	28612	58162	28613	58158	50917	Gr. 2	801 – 1100	2	
58164	28614	58165	28615	58159	50918	Gr. 3	1101 – 1400	2	

**MACO  
ESPAGS**



**MAYER & CO BESCHLÄGE GMBH**  
ALPENSTRASSE 173  
A-5020 SALZBURG  
TEL +43 (0)662 6196-0  
FAX +43 (0)662 6196-101  
maco@maco.at  
www.maco.at

**MACO DOOR & WINDOW  
HARDWARE (U.K.) LTD**  
EUROLINK INDUSTRIAL CENTRE  
CASTLE ROAD, SITTINGBOURNE  
KENT, ME10 3LY  
TEL +44 (0)1795 433900  
FAX +44 (0)1795 433901  
maco@macouk.net  
www.macouk.net

**MACO BESCHLÄGE GMBH**  
DEUTSCHLAND  
d-maco@maco.de

**MAICO SRL**  
ITALIEN  
maico@maico.com

**MACO BESCHLÄGE B.V.**  
NIEDERLANDE  
info@maco-nl.nl

**MACO-GROUP**  
**MACO HARDWARE  
(TIANJIN) CO., LTD**  
CHINA  
j.zhang@maco.at

**MACO POLSKA**  
POLEN  
maco@maco.pl