

## Advantages of MACO FITTINGS

### **Security fittings for all type of materials:**

Timber windows  
Aluminium windows  
PVC windows  
Aluminium-timber and timber-Aluminium windows

### **Security fittings for all configurations:**

Square windows  
Arched windows  
French doors  
Trapezoid windows

### **Special windows made to the same quality as standard windows**

The sash lifter is a problem-solving component for windows, be they half round, angled, turn first or tilt first windows

Special window styles can be produced using the standard window hinges

The visible components remain the same as with standard windows

### **High security and functional fittings:**

Intelligent security-self adjusting fittings to the air gap  
Simple and easy to use  
No additional components  
Safety against accidental closure  
Safety against erroneous operation when tilting  
Secure tilt position  
Protection against condensation  
Healthy and correct room ventilation  
Easy to adjust  
Unique coupling System  
Additional ventilation position for Night time

### **The new trend drive gear**

Greater tolerance when positioning the striker plates  
Espagnolette and inversion drive gear have threaded holes for handle fastening  
Prevents the sash from dropping  
Lifts the sash into correct position with minimal effort  
Avoids erroneous operation with open sash  
Easy adjustment for hinges  
No adjustment or maintenance are required for the sash-lift device before 15000 operations  
Avoid abrupt sash swing when in tilt open position  
Greater stability of the hinge corner thanks to the additional screw fastening on the rebate side  
Corner hinges and trend stay support

### **Stay support**

High stability due to inclined screw fastening  
Braked hinges as standard avoid involuntary windows movement  
Lateral and pressure adjustment  
Can be used on both sides  
Suitable for all timber, aluminum, PVC and composite profiles

### **Corner hinges**

Three dimensional adjustment with a hexagonal socket spanner  
No screw on the side of the rebate  
No need to cut the seals  
Lower part flush with the rebate  
Cover cap finishes for the top and bottom hinges can match the color of handles

### **Rational assembly**

Milling can be done on separate parts before assembling  
Same milling for hinges and stay support  
Capacity load up 130 kg  
Disappearing screws  
Covers in a range of colors  
Simple fitting without templates thanks to the rebate on the frame

### **Disappearing central universal hinge**

Used mainly for tall windows  
Helps to prevent deformation and acts as a protection against unhinging

Completely invisible when windows are closed  
Fully concealed within the air gap  
Suitable for all timber, aluminum, PVC and composite profiles  
No adjustment needed  
No particular drilling needed  
Separate parts assembly  
Can be used on both sides

#### **Espagnolette with level control**

The ideal solution for double sash windows  
Both the top and bottom end parts can be opened at the same time  
Striker plates can be used in combination with controlled Espagnolette or with shoot bolts  
Pressure adjustable striker plates

#### **The new anti burglar generation**

Auto regulation mushroom bolt-automatic air gap adjustment  
Auto regulation bolt automatically adapts to the profile gap and material deformation  
Easy pressure adjustment  
Can be combined with standard and/or safety striker plates

#### **Secure tilt position by horizontal tilt lock bolt**

Additional security points on the bottom of the window as standard  
Anti-lift in the tilt position  
No special striker plates required  
Security can be upgraded with additional mushroom strikers

#### **Additional ventilation position (Night Vent)**

Easy to use with a simple operation  
10 to 13 mm Night vent opening set at 45° between the two open positions  
Built into the scissor stay, no additional components are required  
Additional security built into the fixed tilt position  
Self closing scissor stays (21mm) ensure a smooth operation

#### **Long life, beautiful security design and style**

Corrosion and scratching protection and a new generation of burglar-proof fittings  
Revolutionary TRICOAT components  
Small is beautiful - fittings that can hardly be seen  
Partially and fully concealed top and bottom hinges  
Rebated drive gear for windows without a fixed mullion

#### **Simplification of the manufacturing process**

One supplier for all window systems  
Universal sizes  
Suitable for manual (non-industrial) assembly  
Excellent for automatic assembly lines  
"Click-Fix" Euro groove clips

#### **Click-Fix**

No special components are required  
Manually screwing approximately 4 min  
Semiautomatic assembly approximately 2 min  
Automatic assembly approximately 1 min

#### **Same screw positions**

Same screw and cam positions on different striker plates  
No resetting of machines required  
Striker plates for automatic positioning and assembly into the frame  
Striker plates can be fixed into position before the frame is welded

#### **Less parts-More possibilities**

Only one scissor stay for timber, PVC and Aluminium windows  
Change only striker plate to turn a normal window into a burglar resistant window

#### **European quality and reasonable Australian prices**

Highest European and International standards and certification  
Special prices for manufacturers of European style windows