



TECHNOLOGY IN MOTION
www.maco.eu

PVC



WE KEEP YOUR DOORS FUNCTIONING IN ALL CONDITIONS

**HINGE SYSTEMS FOR
PVC DOORS**



Door hinges for any requirement

MACO door hinges are suitable for use on all doors with a sash weight of up to 160kg.

They ensure the smooth opening of your doors over many years. Their quality determines a door's functional efficiency. So, choose door hinges you know you can trust!

Exceptional concept, countless advantages:

Wide range of colours: Ask your MACO consultant about the available colour variants

Easy to adjust even after installation

Quick and easy installation by one person without the need for special tools

State-of-the-art **design**

Tested in accordance with **DIN EN 1935**

Everything from a single source: As your contact for both logistics and technical consultancy, we provide you with products designed for each other; from the door lock to the door hinges and the handles.

Increased burglary protection – depending on the variant, up to burglary-resistance grade 2, SKG** and PAS24

MACO door hinges satisfy the stringent requirements for function, stability and convenience – and look good whilst doing it.

Two product series – **Classic and Plus** – consisting of lift-off flag and butt hinges, cover the essential requirements for uPVC doors. They are versatile, visually appealing and easy to install – a big plus for both end users and door manufacturers. Both the Classic and the Plus series provide high-quality powder-coated and anodised surfaces available in a broad range of colours.

All MACO door hinges can be quickly installed by one person and can be adjusted in all three dimensions even once installed. The two lines differ in their shape and material, weight capacity and security performance, but they share the same MACO standard of quality. That is why all MACO door hinges are tested in accordance with EN 1935.

The right hinge for any weight class

PLUS SERIES

The Plus series is the premium solution among MACO door hinges. It is designed for demanding users who need doors which meet stringent security requirements. Made of aluminium, it represents clean contours and durability while being fracture-proof and corrosion-proof at the same time. Plus series hinges are also extremely lightweight.

Additionally, the Plus door hinges display an impressive level of security. Pins made of saw-proof steel and the smallest possible gap dimension between the frame and sash increase burglary resistance. When the door is closed, the hinges are impossible to disassemble. All door hinges for leaf weights of 120 kg or more are put through RC2, SKG** and PAS24 testing as standard. The product line is suitable for high-quality doors with a sash weight of 120 to 160 kilogrammes. However, for lighter doors a variation is also available for sash weights up to 100 kilograms.



T100P PLUS LIFT-OFF FLAG HINGE

High-quality door hinge for sash weights of up to 100 kg

- Stainless steel security pin fitted as standard
- Rebate heights: 16-18.5 mm / 19-21.5 mm / 21-23.5 mm



T120P PLUS LIFT-OFF FLAG HINGE

High-quality lift-off flag hinge for front and back doors with increased security requirements

- Stainless steel security pin fitted as standard
- Rebate heights: 13.5-19.5 mm / 17-23 mm / 22-28 mm
- Same drilling-hole pattern as the T160P PLUS
- Burglary resistance: Burglary-resistance grade RC2 in accordance with DIN EN 1627-30, SKG** and PAS24



Vertical adjustment: + 4 / 0 mm

Lateral adjustment:
+ / - 5 mm

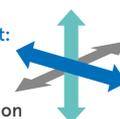


Gasket compression adjustment:
+ 1.5 / -1 mm



Vertical adjustment: + 4 / -1 mm

Lateral adjustment:
+ / - 4 mm



Gasket compression adjustment:
+ 1.5 / -1 mm





T160P PLUS LIFT-OFF FLAG HINGE

High-quality, secure lift-off flag hinge for solid heavyweight PVC doors with increased security requirements

- Also available as a 3-piece version for doors with special stability requirements
- Height difference as the hinge-pin is not visible, thanks to the cap
- Stainless steel security pin fitted as standard
- Rebate heights: 13.5-19.5 mm / 17-23 mm / 22-28 mm
- Same drilling-hole pattern as the T120P PLUS
- Burglary resistance: Burglary-resistance grade RC2 in accordance with DIN EN 1627-30, SKG** and PAS24



T160R PLUS BUTT HINGE

Designer door hinge for high-quality doors with increased security requirements where the door hinges sit discretely in the background.

- No breakage of the gasket thanks to the screw fixing in the rebate leg.
- Additional security set available for outward-opening doors
- Stainless steel security pin fitted as standard
- Rebate heights: from 16.0 mm / from 19.0 mm
- Burglary resistance: Burglary-resistance grade RC2 in accordance with DIN EN 1627-30, SKG** and PAS24



Vertical adjustment: +4 / -1 mm

Lateral adjustment:
+ / - 4 mm



Gasket compression
adjustment:
+1.5 / -1 mm



Vertical adjustment: +4 / -1 mm

Lateral adjustment:
+ / - 3 mm



Gasket compression
adjustment:
0 / -1 mm

The all-rounder among door hinges

CLASSIC SERIES

The Classic series provides you with tried-and-tested door hinges for sash weights from 100 to 120 kilogrammes.

Thanks to their solid construction, the lift-off flag and butt hinges provide guaranteed function and reliability over many years. The patented ball bearing for the axle pin substantially improves the load transmission between the frame and sash components.

The door hinges in the Classic series are also distinguished by their stylish design.

The T100R butt hinge even received the iF Design Award 2017.



T100R CLASSIC BUTT HINGE

For door styles where the design is at the forefront

- State-of-the-art and stylish look – distinguished with the iF Design Award 2017



T120P CLASSIC LIFT-OFF FLAG HINGE

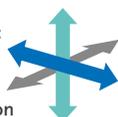
Cost-efficient door hinge for front and back doors

- Burglary resistance: Burglary-resistance grade PAS 24, RC2 in accordance with DIN EN 1627-30
- Rebate heights: Variants available for 16-22 mm



Vertical adjustment: + 5 / -1 mm

Lateral adjustment:
+ / - 3 mm

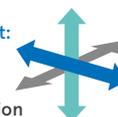


Gasket compression
adjustment:
+ / - 0.8 mm



Vertical adjustment: + 5 / -1 mm

Lateral adjustment:
+ / - 4.5 mm



Gasket compression
adjustment:
+ / - 1.8 mm



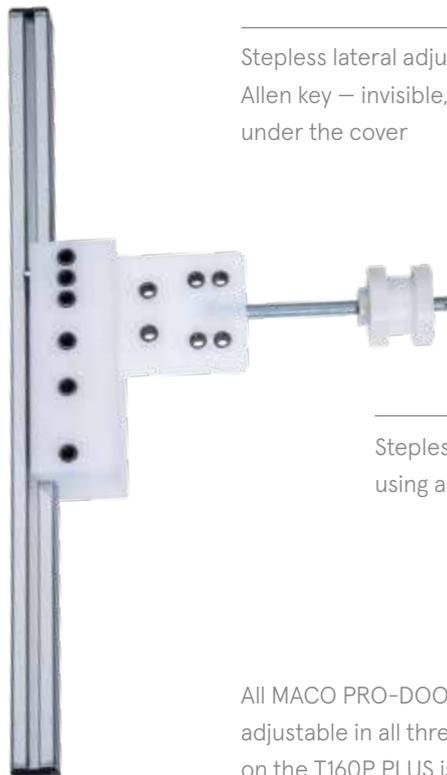
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Easy installation

High-quality drill jigs (which are perfectly matched to the respective door hinge), screwdrivers and Allen keys ensure you are equipped for quick and easy installation. The specific tools you need depend on the respective door hinge.



Drill jig for PLUS series



Drill jig for CLASSIC series

Stepless lateral adjustment using an Allen key – invisible, concealed under the cover

Stepless vertical adjustment using an Allen key

Gasket compression adjustment using a screwdriver – concealed under the MACO cover cap

All MACO PRO-DOOR door hinges are adjustable in all three dimensions once installed. An example based on the T160P PLUS is pictured above.



Satisfied?

We appreciate your feedback@maco.eu

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SMALLEST DETAIL. SO THAT YOUR HOME
IS ALWAYS HOME.**

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electronic access solutions and products for complete automation of your
front door.

