

**GIESSE - BALCONY DOOR**

**Functions**

Tilt-and-turn balcony door, which can also be operated from the outside. If required, it can also be fitted with a lock to increase security. Especially suitable for terraces or patios.

**Technical Features**

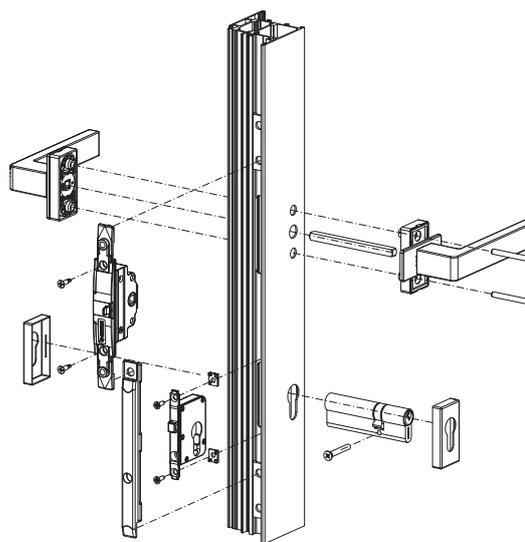
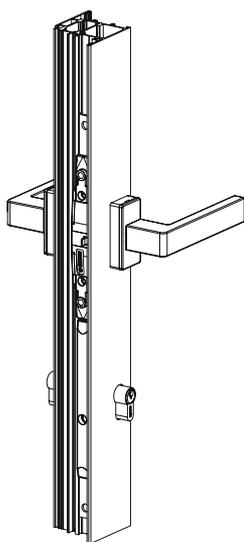
The tilt-and-turn balcony door is available for both traditional FUTURA and concealed CHIC mechanism, and is operated using standard or SUPRA 7 GIESSE (double) window handles.

As a replacement for the traditional movement, the 32 mm backset must be used, which allows for the application of the double window handle.

If required, the lock makes the system more secure.

The following is required to make a tilt and turn sash on a Balcony door:

- CHIC or FUTURA hinges and arms
- tilt-and-turn mechanism with M180 movement 32 mm backset
- SUPRA 7 double window handles
- 32 mm backset lock



**CONFIGURATION EXAMPLES**

**Balcony Door FUTURA 130 configuration**

Article	Qty	Item code
SUPRA 7 double window handle	1 pc.	04395 - 04396 - 04397 - 04398
T&T mechanism	1 pc.	00947 or 04704 + 00945
Lock	1 pc.	00946
Hinges	1 pc.	04711
Arms	1 pc.	04284 - 04285
Cylinder	1 pc.	see DOOR CYLINDERS

**Balcony Door CHIC 100 configuration**

Article	Qty	Item code
SUPRA 7 double window handle	1 pc.	04395 - 04396 - 04397 - 04398
T&T mechanism	1 pc.	00947 or 04704 + 00945
Lock	1 pc.	00946
Hinges + arm kit	1 pc.	043551/043552 - 043561/043562
Cylinder	1 pc.	see DOOR CYLINDERS

## MOVEMENT M180 BACKSET 32 MM



### Functions

One-way mechanism, operated by window handle, to be inserted in the tubular section of the profile for the movement of GIESSE tilt-and-turn and turn-only sash closing mechanism.

Online data sheet

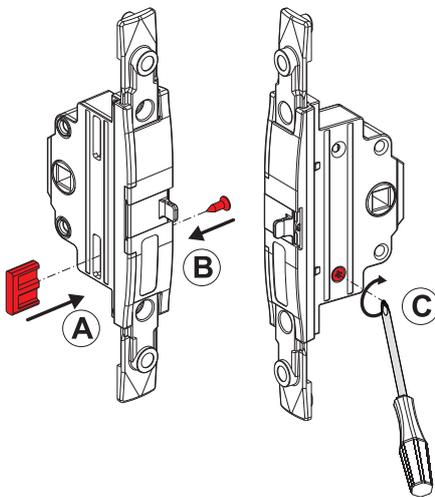


### Technical Features

The movement is reversible and can be combined with all conventional GIESSE and SUPRA 7 window handles. The 32 mm backset allows to apply the window handle from the outside and consequently the sash can also be operated from the outside. Combined with lock 00946, it allows the construction of balcony door case-ments with turn-only and tilt-and-turn sashes. Designed for application on tilt-and-turn sashes, it can be applied on the turn-only sash by limiting the rotation of the handle to 90° by means of a specific stop component. Both the T&T mechanism complete with 00947 movement as well as the 00947 movement to be combined with the T&T mechanism 04704 are available if already in stock.

### Materials

Rack, case, incorrect movement safety device slide, cover for mechanism and gear in die-cast zamak.  
Shims in black polyamide.  
Screws and spring of zinc-nickel plated steel.



Item code	Descriptions	Notes	Base Raw	Anodised Elox	Painted	Trend/Gold Brass	Pieces per pack
00945	M180 ONE-WAY MOVEMENT	to be combined with 04704	X				5

Item code	Descriptions	PROFILE CROSS - SECTION	Mechanism	Version	Base Raw	Anodised Elox	Painted	Trend/Gold Brass	Pieces per pack
00947	T/T M 180 MOVEMENT FASTENING MECHANISM	C001-C002-C003-C005-C006-C013-C014-C015-C017	Window handle	-	X				10



## LOCK FOR BALCONY DOOR

### Functions

A lock which, when combined with the 32 mm backset movement, makes it possible to create so-called turn-only and tilt-and-turn balcony door sashes.

Online data sheet



### Technical Features

The lock is reversible and can be combined with the 00945 movement (32 mm backset) and all traditional GIESSE and SUPRA 7 window handles.

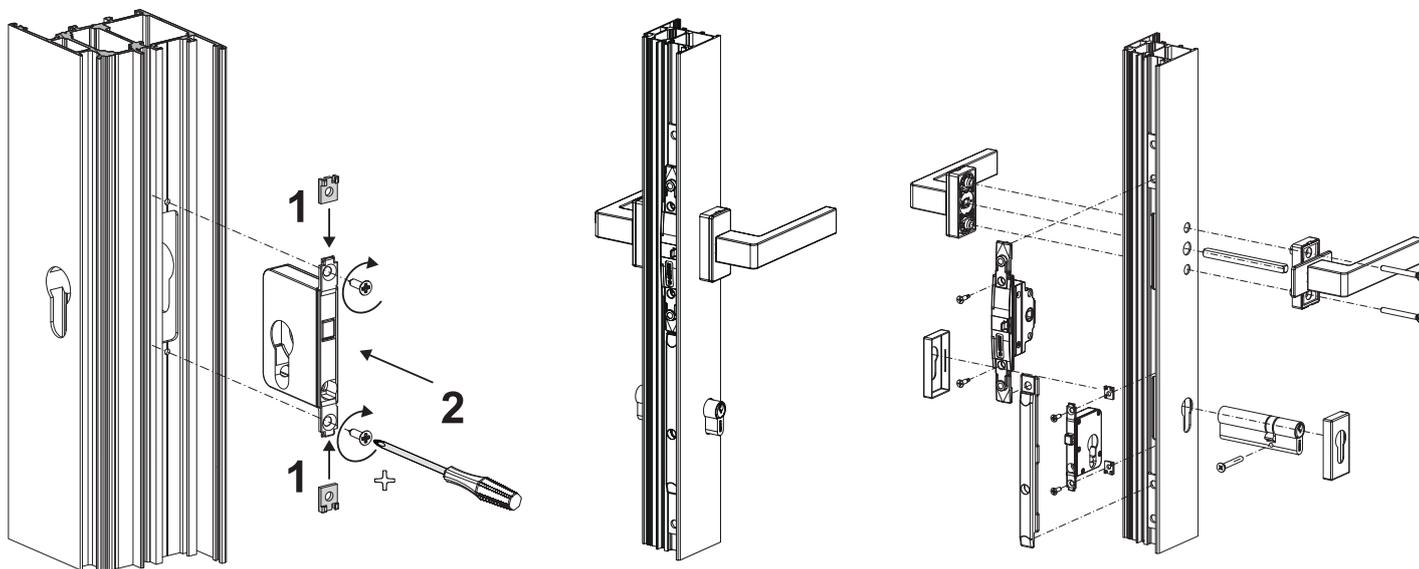
This lock can be fitted on both turn-only and tilt-and-turn sashes and thanks to the 32 mm backset allows the application of Giesse cylinders (European profile) and consequently the sash can also be locked from the outside.

### Materials

Lock body and movable component in die-cast zamak.

Shims in black polyamide.

Screws with Zi-Ni finish.



Item code	Descriptions	Note	Base Raw	Anodised Elox	Painted	Trend/Gold Brass	Pieces per pack
00946	LOCK FOR TILT-AND-TURN WINDOW		X				5



## SUPRA 7 - DOUBLE WINDOW HANDLES

### Functions

Innovative double mechanism system without washer which can be used for moving window sashes with different types of opening, having mechanisms compatible with 7 mm square pins and which can be combined with all Giesse products having the same design.

Online data sheet



### Technical Features

The Supra 7 double window handles can be combined with the Giesse sliding casement and side-hung sash movements and mechanisms which have a rotor compatible with 7 mm square pins.

The product, due to its exclusive design, can be combined with all the other Giesse products having the same design intended for other types of sashes (door, handles for lift-and-slide etc.).

Products applicable on sash with profiles wide from 26 to 85 mm.

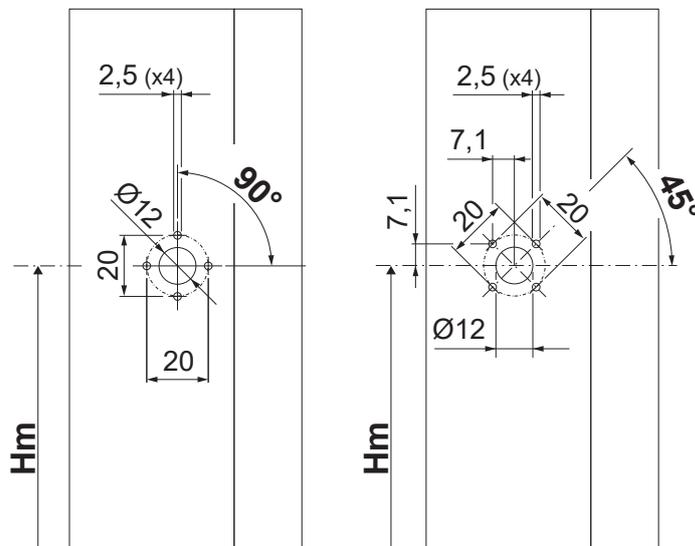
### Materials

Handle in die-cast aluminium

Internal components made of GS SILVER PLUS zamak, zinc plated steel and white polyamide

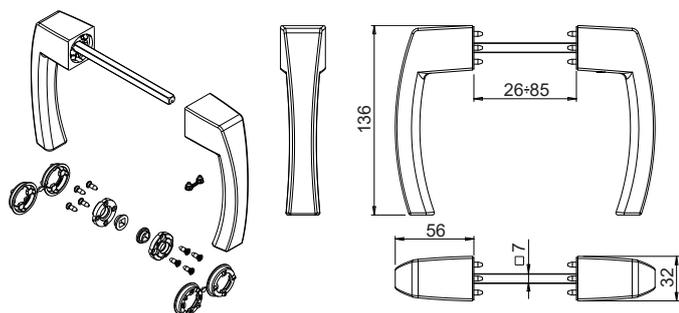
Zinc plated steel fixing screws, with Eslock treatment

Fixing with 45° or 90° machining



04395

04396



04397

04398

Item code	Description	Type of pin (mm)	Pin length (mm)	Sash width (mm)	Pull handle 0°	Pull handle 90°	Base Raw	Anodised Elox	Painted	Trend/Gold Brass	Pieces per pack
04395	SUPRA 7 - ASIA DOUBLE WINDOW HANDLE	7	112	26 ÷ 85	Closed	Open	X		X	X	5
04396	SUPRA 7 - KORA DOUBLE WINDOW HANDLE	7	112	26 ÷ 85	Closed	Open	X		X	X	5
04397	SUPRA 7 - PRIMA DOUBLE WINDOW HANDLE	7	112	26 ÷ 85	Closed	Open	X		X	X	5
04398	SUPRA 7 - ARIA DOUBLE WINDOW HANDLE	7	112	26 ÷ 85	Closed	Open	X		X	X	5

## CHIC 100 TILT-AND-TURN HINGES AND ARMS



### Functions

Hinge kit (upper and lower), completely pre-assembled and ready to be installed on the profile.

[Online data sheet](#)

### Technical Features

They enable tilt-and-turn opening combined with the mechanisms. Micro-ventilation and logica versions. The arm is equipped with micro-ventilation as standard (adjustable). Moving the fastening pawl takes the arm from conventional to logica. The T2 arm is adjustable: the opening "A" goes from 178 mm (base) to 148 mm.

### Materials

Corner support made of zamak  
 Connecting brackets and hinge plates made of zinc plated steel  
 Pins made of 304 grade stainless steel and aluminium bronze  
 Cams made of zinc plated steel  
 Connecting bracket and arm rod made of 304 grade stainless steel

043552

043551

043562

043561

Sash opening

Item code	Description	PROFILE CROSS - SECTION	A (mm)	Hand	Base Raw	Anodised Elox	Painted	Trend/Gold Brass	Pieces per pack
043551	CHIC - T1 ARM T&T KIT	C001-C002-C003-C005-C006	98	RX	X				10
043552	CHIC - T1 ARM T&T KIT	C001-C002-C003-C005-C006	98	LX	X				10
043561	CHIC - T2 ARM T&T KIT	C001-C002-C003-C005-C006	148÷178	RX	X				10
043562	CHIC - T2 ARM T&T KIT	C001-C002-C003-C005-C006	148÷178	LX	X				10



## FUTURA 3D 130 HINGES AND ARMS

### Functions

Futura 3D 130 tilt-and-turn hinge set (upper and lower) and arm.

[Online data sheet](#)

### Technical Features

Hinges: hinge set (upper and lower), completely pre-assembled and ready to be installed on the profile.

Arms: allow tilt-and-turn opening in conjunction with tilt-and-turn hinges and mechanisms.

### Materials

Hinges:

- Body of hinges in extruded aluminium and brass
- Supports in zamak with GS Silver Plus finish (up to 500 h corrosion resistance)
- Pins, screws and grub screws in stainless steel

Arms:

- Body, fixing block and slider in zamak with GS Silver Plus finish (up to 500 h corrosion resistance)
- Rod, connecting bracket, grub screws and screws in stainless steel
- Stop disk in polyamide

04711

04284

04285

Sash opening

Item code	Description	PROFILE CROSS - SECTION	Base Raw	Anodised Elox	Painted	Trend/Gold Brass	Pieces per pack
04711	HINGE T/T FUTURA 130	C001-C002-C003-C005-C006	X		X	X	10

Item code	Description	PROFILE CROSS - SECTION	A (mm)	Base Raw	Anodised Elox	Painted	Trend/Gold Brass	Pieces per pack
04284	ARM T1 130 WITH MICROVENTILATION	C001-C002-C003-C015-C016-C017	120					10
04285	ARM T2 130 WITH MICROVENTILATION	C001-C002-C003-C015-C016-C017	175					10