

GIESSE **FUTURA COMPONENTS**

The superior choice for design and performance



GIESSE **FUTURA COMPONENTS**

The project

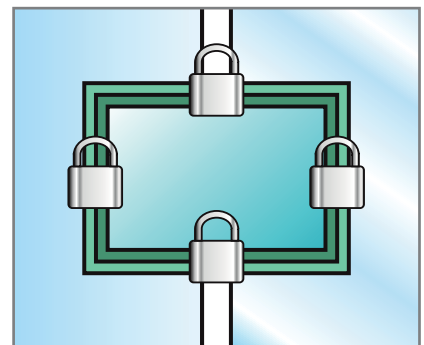


The **FUTURA COMPONENTS** project was created in **2007** with the aim of creating **the most complete system of multi-point window hardware for European groove available on the market.**

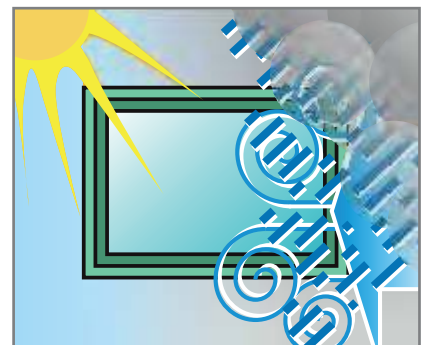
Continuously increasing weight-bearing capacities, as profiles and glass continue to become larger and the single sash grows in popularity.



Multi-point closure, to respond to the demand for improved closure, with included anti-burglar systems.



Maximum corrosion resistance, due to the variety of uses for aluminium windows, such as homes, offices, schools, hospital, industrial and marine areas.



Simple, Easy, Fast – to simplify and speed up the installer's job.



Today, after three years, just as the CE fixtures norms come into effect, the step taken before becomes even more significant.

GIESSE, through internal testing based on the EN tests and cooperation with European extruders, has identified areas requiring improvement in order to allow sector professionals to meet the required resistance parameters.

For this reason, sash fixtures, tilt and turn, two-sash windows, transoms, balcony doors, and sliding fixtures have all been selected for improvement under the **FUTURA COMPONENTS** project.

Of course, other improvements such as Cremona and anchoring points resistant to ANTI-BURGLAR tests and MICRO-

VENTILATION devices that conform to the new European NORMS are also included.

GIESSE, a leader in innovation has sought for and is now able to offer solutions that do not add complexity to professionals' daily work, and also have the same cost profile as current solutions.

Operating under these assumptions, the innovative solutions we offer are easy to install, can be used with many accessories, and provide a substantial increase in performance without a substantial price increase.

As always, with the **FUTURA**



COMPONENTS

Program, you will find that GIESSE has you in mind, making sure that **EVERYTHING CHANGES** and **NOTHING CHANGES**.

GIESSE FUTURA COMPONENTS

Needs

“

I want to achieve the utmost in performance possible for my system while conforming to the CE mark.

I want the same level of performance in all of the various types of fixtures found in one building.



extruder/ resellers

”

“

final customer



I want to feel safe in my home.

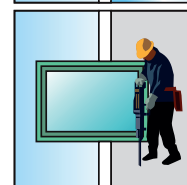
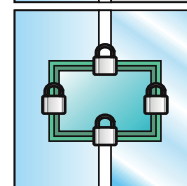
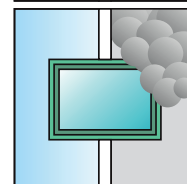
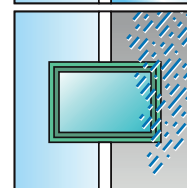
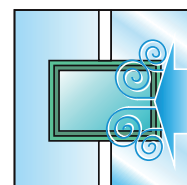
I want my windows to protect me from external disturbances. (noise pollution)

”

Increased performance

The market is gradually moving towards demand for certified products, with a view towards the activation of the new CE fixture certification norms, including:

- **Wind resistance**
(EN 12210; E 12211)
- **Water tightness**
(EN 12208; EN 1027)
- **Air permeability**
(EN 12207; EN 1026)
- **Anti-burglar resistance**
(EN 1627)
- **Soundproofing**
(EN 140-3; EN 717-1)



“

I don't want maximum dimensions and existing norms to limit my creativity.



Architect

”

“

In a single order there are various types of fixtures, but currently they don't all offer the same weather protection.

I want to standardize my production methods in order to reduce lost time and costs.

I don't want to pay too much for improved performance.

”

Window-installer



Current closure weak points

	WATER	AIR	WIND	NOISE POLLUTION	BURGLARY
PIVOT	There is no perimeter closure				Not available
TRANSOM	Only one closure point (flat handle, no perimeter closure).				Not available
WINDOW	There is no perimeter closure for the secondary sash.				Not possible with the chosen window and not offered for the main window
TILT AND TURN WINDOW	There is no perimeter closure for the secondary sash.				Not possible with the chosen window and not offered for the main window
DOORS	Only one closure point (no perimeter closure)				Not available
SECURITY WINDOW (secondary sash)	There is no perimeter closure for the secondary sash.				Not possible with the chosen window and not offered for the main window
TILT-AND-SLIDE (SECONDARY SASH)	There is no perimeter closure for the secondary sash.				Not possible with the chosen window and not offered for the main window

COMPONENTI **FUTURA**

MULTI-POINT

GIESSE FUTURA COMPONENTS

The solution

The most complete system of multi-point window hardware for European groove available on the market.

FUTURA components are a prestigious range of products with excellent weight-bearing, adjustment, and corrosion resistance characteristics, which are destined to be noticed as part of the GIESSE catalogue.

	WATER	AIR	WIND	NOISE POLLUTION	BURGLARY	BEARING
PIVOT	Perimeter closure offerings for all the main partner resellers				New anti-burglar device to be used with perimeter closure.	New TECH, 120 Kg weight bearing capacity
TRANSOM	New FRIZ arm with perimeter closure and Cremona bolt closure.				New anti-burglar device to be used with perimeter closure.	120 Kg possible with an adequate number of Bridge 2 hinges, including weight-bearing requirements for the arms.
WINDOW	Perimeter bolt, for use with plugs with groove. Adjustable bolt, for use without plugs with groove.				New anti-burglar device to be used with perimeter closure.	130 Kg possible with an appropriate dedicated window hinge
TILT AND TURN WINDOW	Perimeter bolt, for use with plugs with groove. Adjustable bolt, for use without plugs with groove.				New anti-burglar device to be used with perimeter closure.	FUTURA 3D 130 Kg TILT AND TURN WINDOW
DOORS	Bidirectional lock. Perimeter bolt, for use with an upper drain cap. Adjustable bolt, for use without plugs with groove.				New anti-burglar device to be used with perimeter closure.	FLASH XXL 160 Kg. Research for the XL 120 Kg currently in progress
SECURITY WINDOW (SECONDARY SASH)	Perimeter bolt, for use with plugs with groove. Adjustable bolt, for use without plugs with groove.				New anti-burglar device to be used with perimeter closure.	FLASH XXL160 Kg. Window hinge for secondary sashes starting at 130 Kg.
TILT-AND-SLIDE (SECONDARY SASH)	Perimeter bolt, for use with plugs with groove. Adjustable bolt, for use without plugs with groove..				New anti-burglar device to be used with perimeter closure.	All available versions of GS1000 offer capacities greater than 120 Kg (FUTURA HP)

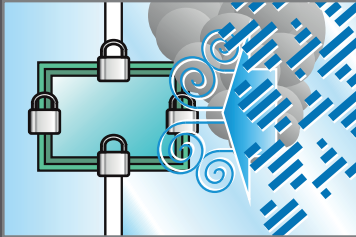
GIESSE FUTURA COMPONENTS

Advantages

1

Multi-point closure with improved performance

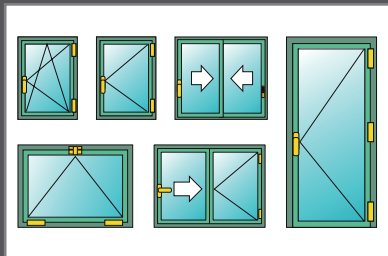
and the choice of certified fixtures.
The FUTURA COMPONENTS program, based on certified products, was created with the aim of creating high-tech accessories that come with a catalogue guide which clearly shows how to use them to obtain various performance levels.



2

Universal – they can be used with all opening types

The project can be used for all opening types and with the most popular series.



3

120 Kg minimum capacity

120 Kg has become the reference capacity, thanks to the use of next-generation materials which provide improved performance and conform to market standards.



4

3D adjustment

With an eye to provide greater performance appropriate for all requirements, the FUTURA COMPONENTS program allows a high degree of adjustment in order to deal with cut errors. Millimetre adjustments makes settings increasingly accurate.





5

Certified anti-burglar

Thanks to the FUTURA COMPONENTS range, it is possible to create a certified anti-burglar system for all types of opening.



6

Maximum corrosion resistance

All FUTURA COMPONENTS products are graded Level 4 under the European norms which govern accessories for windows. This guarantees extremely high resistance and also permits their use in environments subject to severe weather and industrial conditions.



7

Simple, easy, and fast

Preassembled components, ready for installation. Products with improved performance that are still easy to install: performance shouldn't make installation more complicated.

The union of logic and installation tools.



GIESSE FUTURA COMPONENTS

Technical specifications

Multi-point closure

FUTURA COMPONENTS allow for both perimeter and point closure. In fact, thanks to the creation of new items such as the corner bolt which is able to transfer movement to the crossbeams of the secondary sash, it is now possible to insert closure points in the most critical areas -- increasing the safety

and performance of the window. Thanks to the "all-sides" closure, fixtures accessorized with FUTURA COMPONENTS **have increased performance against the weather; air, water, and wind**, gaining them a high CE certification grade.



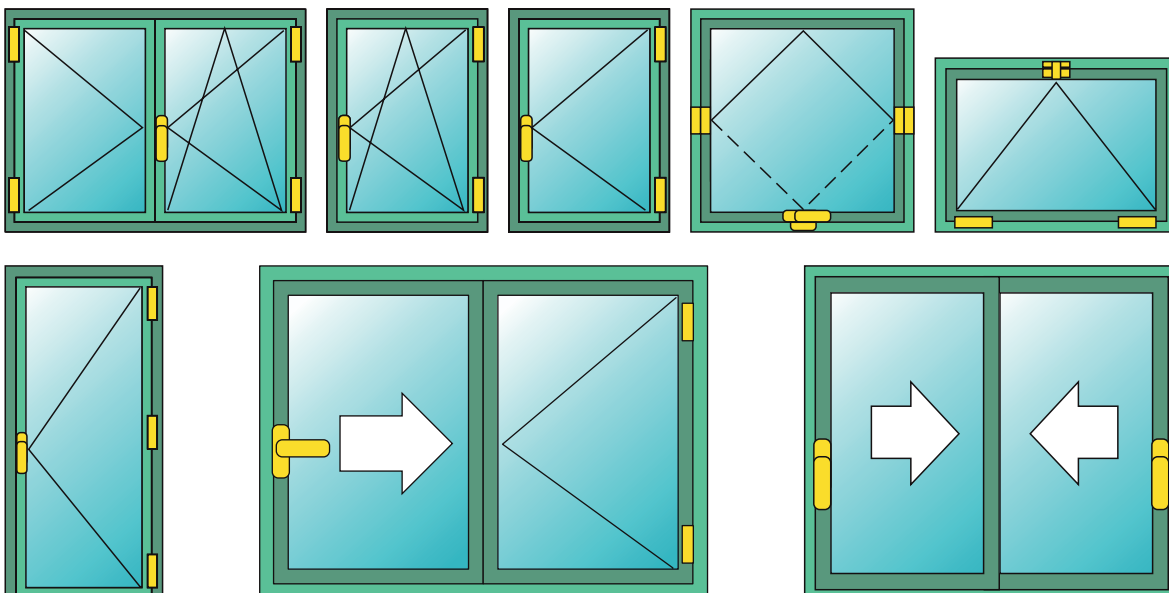
All types

FUTURA COMPONENTS were designed to work as accessories for every opening types available on the markets in which

Giesse operates. Shuttered windows, tilt and turn windows, balanced windows, transoms, facades, sliding tilt windows, and doors

can all take advantage of the accessories and advantages offered by the FUTURA COMPONENTS system: multi-point

closure and anti-burglar system, ever greater load-bearing capacities, extremely high corrosion resistance, and CE certification.



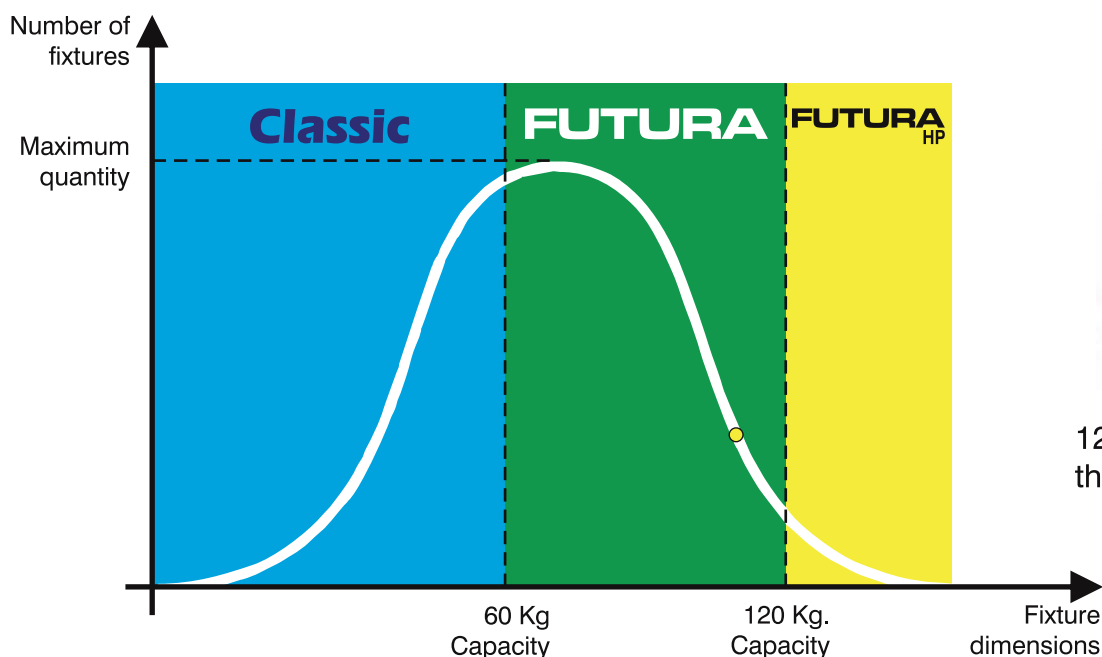
Ever greater load-bearing capacity

As CE certification takes effect and profile sections and glass increase as a consequence, **120**

Kg has become the reference capacity for FUTURA COMPONENTS. However, 120 Kg is

not the limit, merely a starting point. In fact, the new FUTURA HP range contains only acces-

sories with even higher capacities.



120 Kg has become the reference capacity

3D adjustment

With an eye to providing greater performance appropriate for all requirements, the FUTURA COMPONENTS program allows a high degree of adjustment in order to deal with cut errors.

Millimetre adjustments makes settings increasingly precise and accurate. The basic level provides for compression regulation in mm for the entire fixture perimeter.

Height adjustment from* - 0.5 / + 1.5 mm and width adjustment* ± 1 mm.



* Values may change based on the product used

Compression on strikers	$\pm 2,4$ mm
On the hinge height	- 0,5 / + 1,5 mm
Lateral on the hinge	± 1 mm

GIESSE FUTURA COMPONENTS

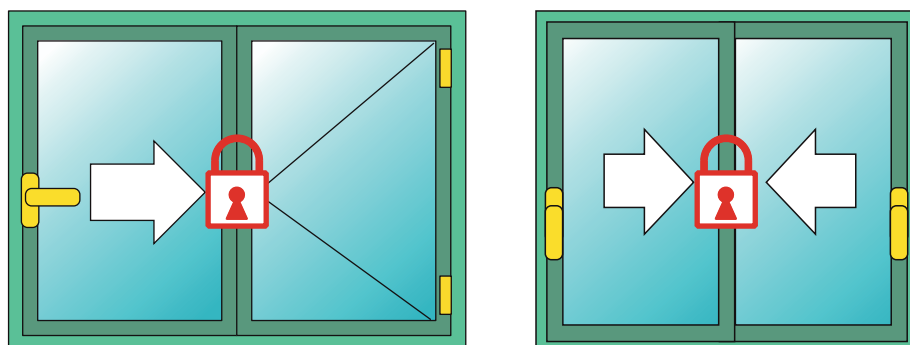
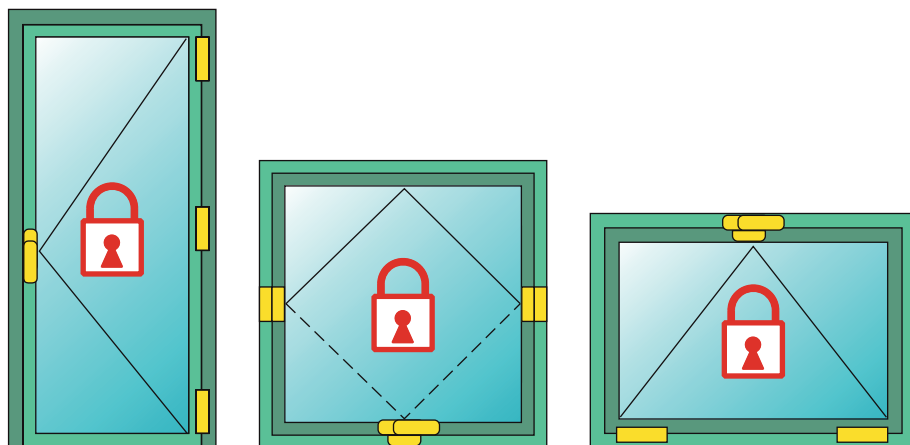
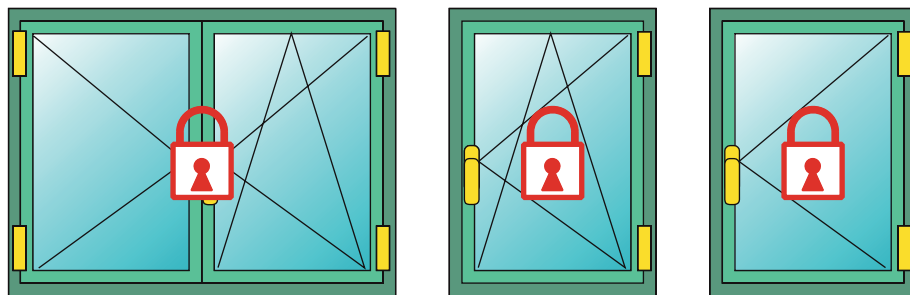
Technical specifications

Anti-burglar system

One of the fundamental characteristics of the FUTURA COMPONENTS system is the inclusion of an optional **anti-burglar system**, available for both single and double sashes windows.

In fact, thanks to the Giesse MULTIPPOINT concept, anti-burglar devices can be installed on all sides of the fixture, making them more secure and reliable.

For more information, please ask for the specific folder, code U0191000.



Maximum corrosion resistance

The entirety of the FUTURA COMPONENTS range was developed and designed with the aim of guaranteeing products with superior duration but without sacrificing **environmental sustainability** low environmental impact. The use of the best raw materials combined with new cutting edge treatments, such as **GS SILVER PLUS**, has let FUTURA COMPONENTS obtain **qualitatively superior results**. In fact, surfaces treated with GS Silver Plus have active and **effective corrosion resistance** even

after thermal shocks of 120°. The treatment was designed to respond to corrosion resistance needs and the desire to control the friction coefficient. Combined with the **painting and oxidation treatments** used by Giesse, GS Silver Plus allows FUTURA COMPONENTS to be used even in the most arduous locations, under extremely aggressive weather conditions. Thanks to the use of this treatment, FUTURA COMPONENTS have obtained a **Grade 4** rating under the European norms which govern

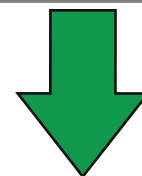
window fixture accessories. Grade 4 (**resistance of over 240 hours in saline mist**) corresponds to an extremely high level of corrosion resistance and the possibility of use even in the most severe climates.

For more information, please ask for the specific folder, code U0192000.



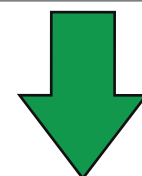
materials

Zamak
Steel
Aluminium



Treatments

GS Silver Plus
Oxidation
Painting



Result

Grade 4
> 240 hours in
saline mist

Simple, easy and fast

FUTURA COMPONENTS are a range of products created to satisfy the needs of today's market, available for

all types of fixtures, while still keeping in step with the advantages of the FUTURA PROJECT - products that are

simple, easy, and quick to install.



COMPONENTI **FUTURA**

MULTI-POINT

All types

Multi-point

Anti-burglar

Load bearing capacity of 120 Kg and greater

3D adjustment

Extremely high corrosion resistance

Euro Groove

GIESSE FUTURA COMPONENTS

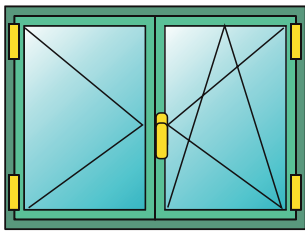
Multi-point

The **FUTURA COMPONENTS** system includes accessories with extremely high

corrosion resistance and with load-bearing capacities that start at 120 Kg. Additionally, it is

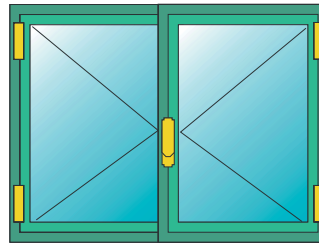
possible to use either multi-point closure or anti-burglar systems and adjust the fixtures

with millimetre precision. The system is available for all Euro Groove profiles.



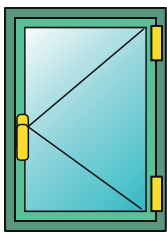
Tilt and turn window

pg. 16



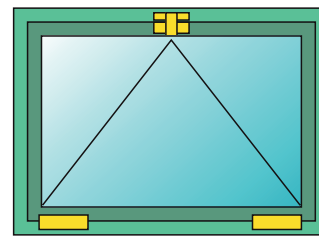
Shuttered window

pg. 17



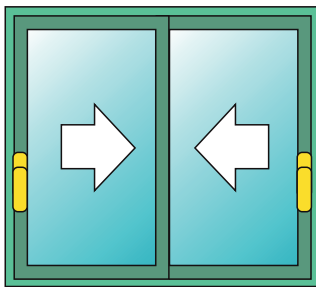
SECURITY window

pg. 18



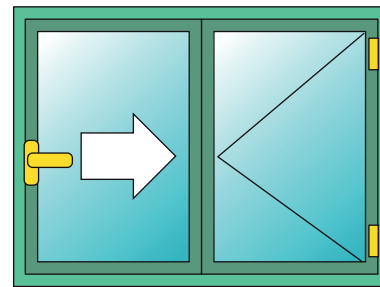
Transoms

pg. 19



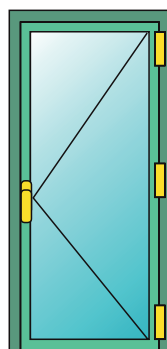
GOS-S Sliding

pg. 20



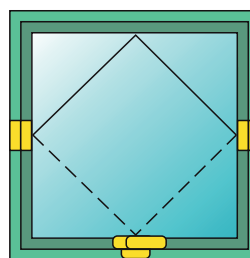
Sliding Tilt

pg. 21



Door

pg. 22



Pivot

pg. 23

GIESSE FUTURA COMPONENTS

FUTURA tilt and turn window (configuration examples)

Multi-point

Tilt and turn window fixture, with one or two sashes, and multi-closure system. Closure points can be applied on all sides (secondary sash included), improving the Air/Water/Wind performances of the window.

Anti-burglar

Certified anti-burglar system, both for the main and the secondary window.

Load bearing capacity of the main tilt window

130 Kg with FUTURA 3D 130

150 Kg with FUTURA 3D 150 HP

170 Kg with FUTURA 3D 170 INVISIBLE HP

Secondary sash capacity

130 Kg with FUTURA 3D 130

150 Kg with FUTURA 3D 150 HP

170 Kg with FUTURA 3D 170 INVISIBLE HP

Adjustment for tilt and turn window and secondary sash

Compression adjustment ± 2.4 mm along the entire perimeter of the window.

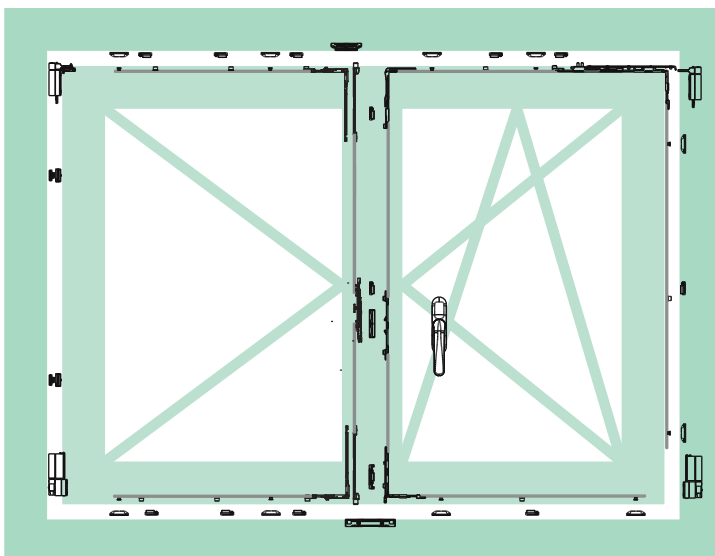
Height adjustment $- 0.5 / + 1.5$ mm.

Lateral adjustment ± 1 mm.

Window drop adjustment $+ 1.5 / - 3.5$ mm.

Corrosion resistance

Accessories Grade 4 certified, corresponding to an extremely high corrosion resistance.



Possible closure points

- Tilt and turn mechanism
- Angular bolt
- Adjustable terminal
- Single striker
- Double striker (included in the tilt and turn mechanism)
- Guard
- Supplementary tilt and turn closure
- Supplementary SW closure (fixed ratchets + adjustable striker)
- Anti-burglar device

Key
TT: tilt and turn window
SW: secondary sash

GIESSE FUTURA COMPONENTS

FUTURA shuttered window (configuration examples)

Multi-point

Shuttered window fixture, with one or two sashes, and multi-closure system. Closure points can be applied on all sides (secondary sash included), improving the Air/Water/Wind performances of the window.

Anti-burglar

Certified anti-burglar system, both for the main and the secondary window.

Load bearing capacity, main window and secondary sash

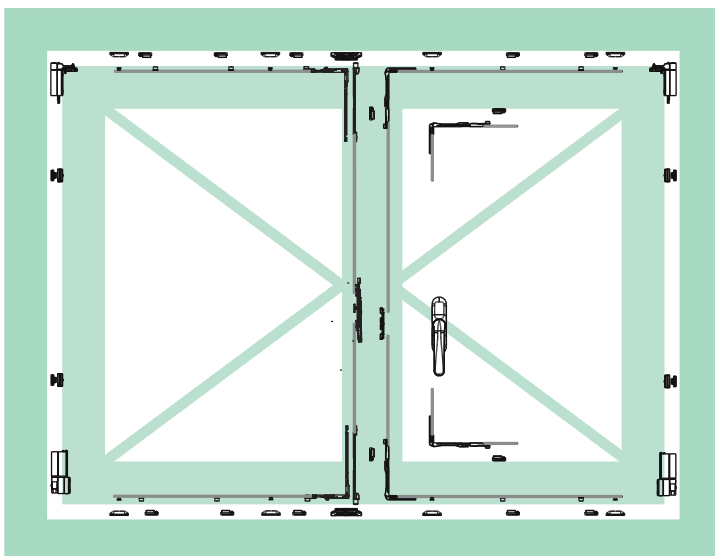
130 Kg with FUTURA 3D 130 hinges
150 Kg with FUTURA 3D 150 HP hinges
170 Kg with FUTURA 3D 170 INVISIBLE HP hinges
160 Kg with FLASH XXL hinges

Adjustments

Compression adjustment ± 2.4 mm along the entire perimeter of the window.
Height adjustment – 0.5 / + 1.5 mm.
Lateral adjustment ± 1 mm.

Corrosion resistance

Accessories Grade 4 certified, corresponding to an extremely high corrosion resistance.



Possible closure points

Angle transmission + adjustable striker
Angular bolt
Adjustable terminal + single striker
Guard
Supplementary SW closure
(fixed ratchets + adjustable striker)
Anti-burglar device

Key
SW: secondary sash

GIESSE FUTURA COMPONENTS

FUTURA SECURITY window (configuration examples)

Multi-point

Fixture with secured window, vertical or horizontal, and multi-closure system.

Closure points can be applied on all sides, improving the Air/Water/Wind performances of the window.

Anti-burglar

Certified anti-burglar system.

Main window load bearing capacity

130 Kg with A/A FUTURA 3D 130 hinges

150 Kg with A/A FUTURA 3D 150 hinges

170 Kg with FUTURA 3D 170 INVISIBLE HP hinges

160 Kg with FLASH XXL hinges

Adjustments

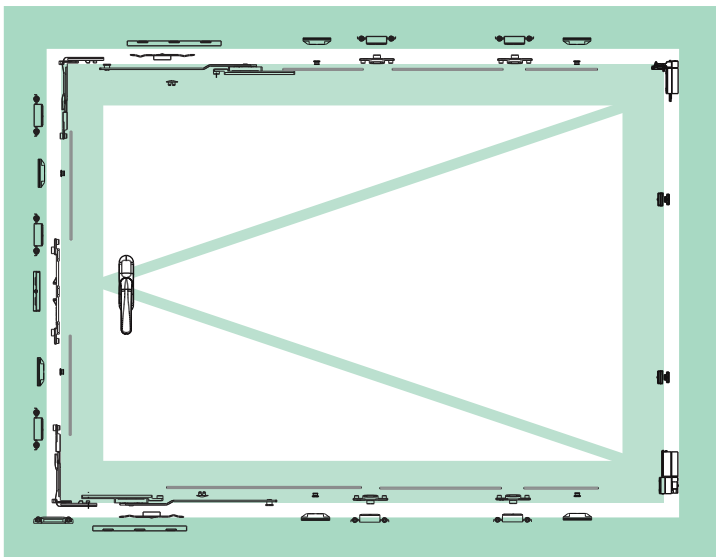
Compression adjustment ± 2.4 mm along the entire perimeter of the window.

Height adjustment $- 0.5 / + 1.5$ mm.

Lateral adjustment ± 1 mm.

Corrosion resistance

Accessories Grade 4 certified, corresponding to an extremely high corrosion resistance.



Possible closure points

- Security window mechanism
- Guard
- Supplementary closure (fixed ratchets + adjustable striker)
- Anti-burglar device
- Prima Key Capture Cremone bolt

GIESSE FUTURA COMPONENTS

FUTURA transom windows (configuration examples)

Multi-pointB

Bottom-hung fixture, with Cremona bolts (horizontal or vertical) and multi-closure system. Closure points can be applied on all sides, improving the Air/Water/Wind performances of the window.

Anti-burglar

Certified anti-burglar system.

Capacity

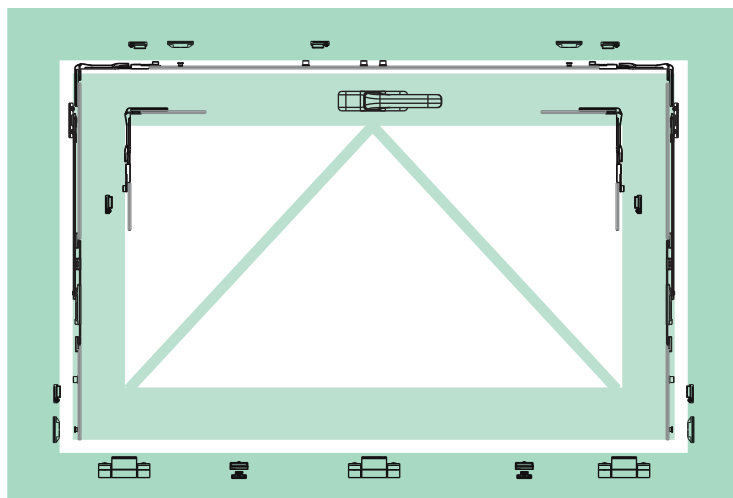
120 Kg with BRIDGE2 hinges (min. 4)

Adjustments

Compression adjustment ± 2.4 mm along the entire perimeter of the window.

Corrosion resistance

Accessories Grade 4 certified, corresponding to an extremely high corrosion resistance.



Possible closure points

- Angle transmission + adjustable striker
- or fixed ratchets + adjustable striker
- Guard
- Supplementary closure (fixed ratchets + adjustable striker)
- Anti-burglar device

GIESSE FUTURA COMPONENTS

Sliding FUTURA GOS-S (configuration examples)

Multi-point

Sliding two-sash fixture with window handles and multi-closure system.

Closure points can be applied on all sides, improving the Air/Water/Wind performances of the window.

Anti-burglar

Certified anti-burglar system.

Window load-bearing capacity

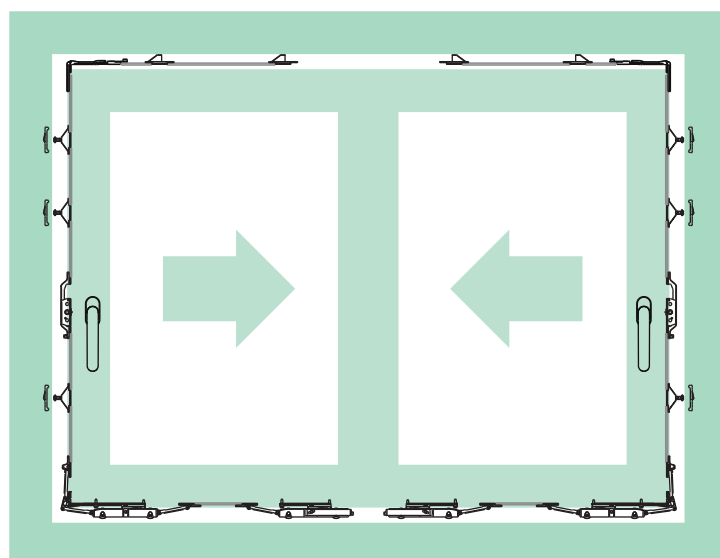
200 Kg. with 2 double trolleys

Adjustments

Height adjustment ± 2 mm.

Corrosion resistance

Accessories Grade 4 certified, corresponding to an extremely high corrosion resistance.



Possible closure points

Hook kit

Anti-burglar device

GIESSE FUTURA COMPONENTS

FUTURA sliding tilt window (configuration examples)

Multi-point

Sliding two-sash fixture (one sliding and one either opening or fixed) with multi-closure system.

Closure points can be applied on all sides, improving the Air/Water/Wind performances of the window.

Anti-burglar

Certified anti-burglar system.

Load bearing capacity of the sliding tilt window

150 Kg with sliding HL tilt window

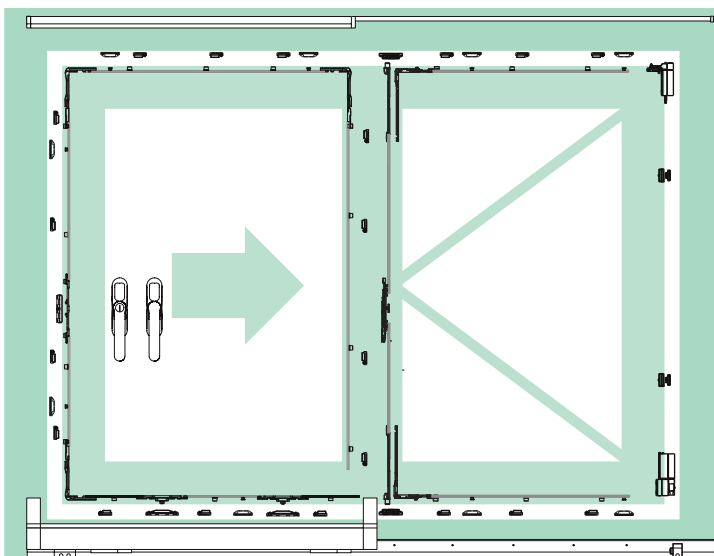
Adjustments

Compression adjustment ± 2.4 mm along the entire perimeter of the window.

Height adjustment $- 2 / + 4$ mm.

Corrosion resistance

Accessories Grade 4 certified, corresponding to an extremely high corrosion resistance.



Possible closure points

- Base mechanism
- Angular bolt
- Adjustable terminal
- Guard
- Supplementary closure
(fixed ratchets + adjustable striker)
- Anti-burglar device

GIESSE FUTURA COMPONENTS

FUTURA door with window profile

(configuration example)

Multi-point

Small door, with one or two sashes, window profile, and multi-closure system. Closure points can be applied on all sides, improving the Air/Water/Wind performances of the window.

Anti-burglar

Certified anti-burglar system.

Capacity

160 Kg with FLASH XXL hinges

Adjustments

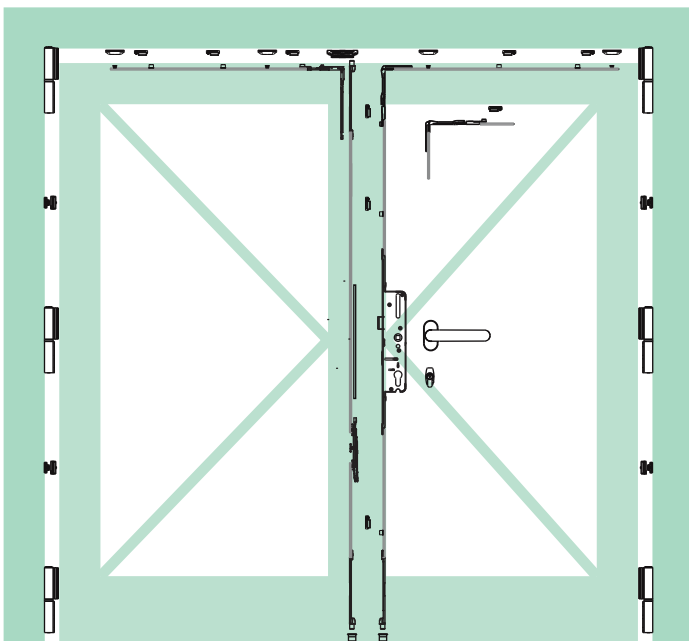
Compression adjustment ± 2.4 mm along the entire perimeter of the window.

Height adjustment – 2 / + 4 mm.

Lateral adjustment ± 1 mm.

Corrosion resistance

Accessories Grade 4 certified, corresponding to an extremely high corrosion resistance.



Possible closure points

- Lock + bolt
- Angular bolt
- Adjustable terminal
- Guard
- Supplementary closure
(fixed ratchets + adjustable striker)
- Anti-burglar device

GIESSE FUTURA COMPONENTS

FUTURA pivot window (configuration example)

Multi-point

Pivot window with multi-closure system.

Closure points can be applied on all sides, improving the Air/Water/Wind performances of the window.

Anti-burglar

Certified anti-burglar system.

Capacity

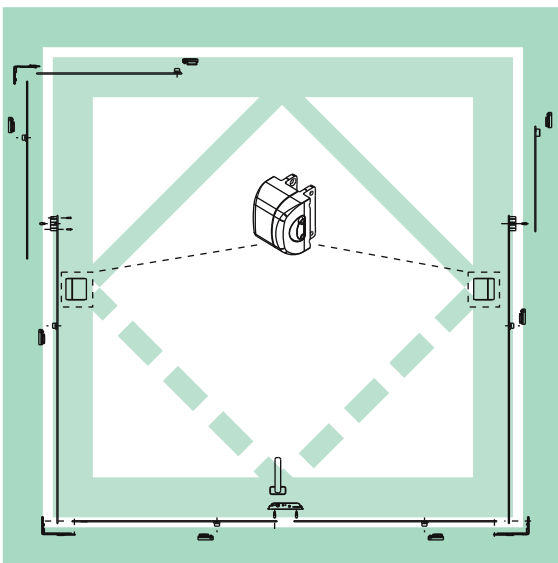
120 Kg with TECH clutches

Adjustments

Compression adjustment ± 2.4 mm along the entire perimeter of the window.

Corrosion resistance

Accessories Grade 4 certified, corresponding to an extremely high corrosion resistance.



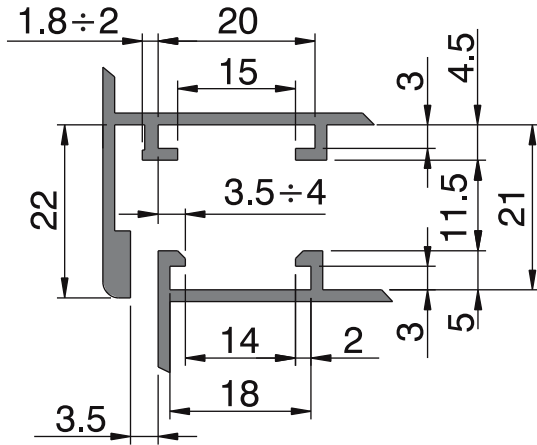
Possible closure points

Multi-closure mechanism for pivot
Supplementary closure
(fixed ratchets + adjustable striker)
Anti-burglar device

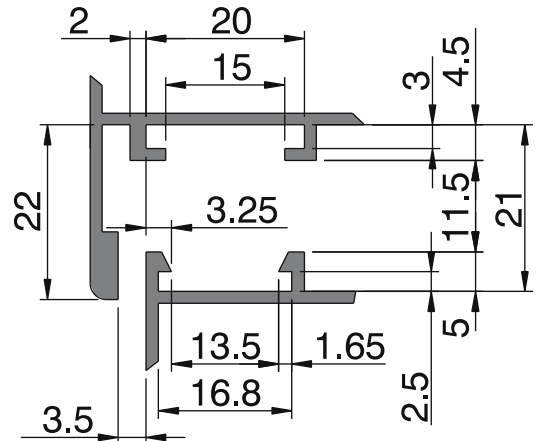
GIESSE FUTURA COMPONENTS

Reference section type

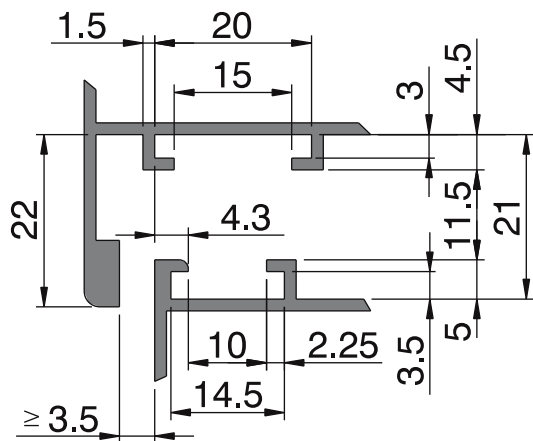
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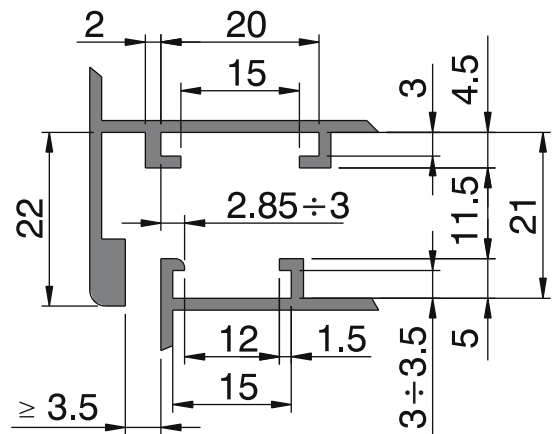
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GIESSE FUTURA COMPONENTS

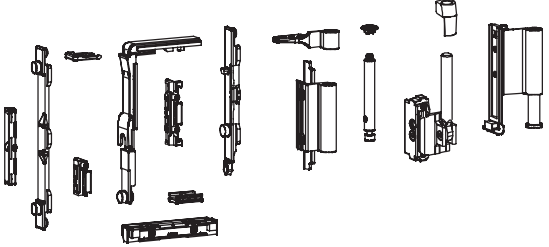
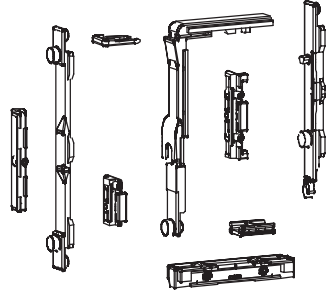
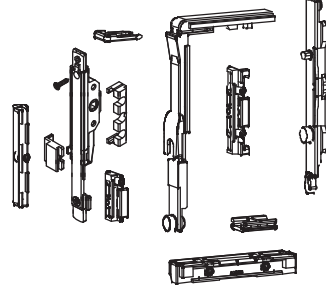
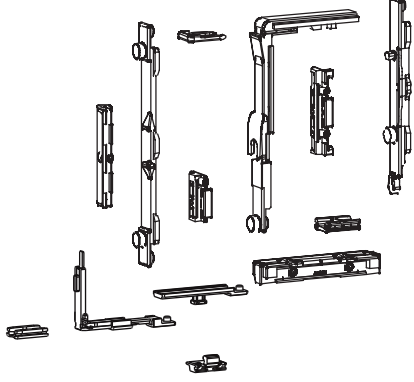
Main components list

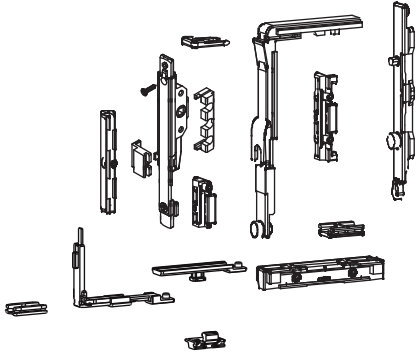
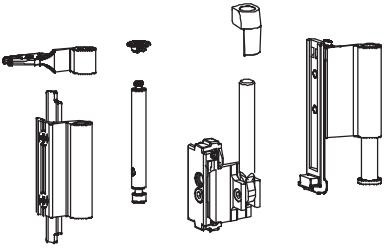
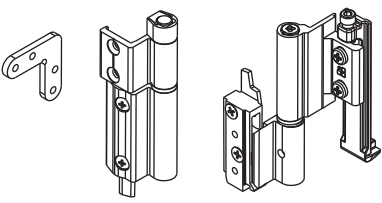

Item	Description	Tilt and turn window	Side hung window	Security window	Sliding Tilt*	Door	Pivot
04700	FUTURA T/T BASIC MECHANISM 130	X					
04704	T/T LOCKING MECHANISM	X					
04705	T/T LOCKING MECHANISM M 180	X					
04706	LOGICA T/T LOCKING MECHANISM	X					
04707	TILT AND TURN LOGICA CLOSURE MECHANISM (M180)	X					
04711	FUTURA T/T HINGE 130	X					
04712	T/T HINGE FUTURA 150	X					
04200	ARM TYPE 1 T/T FUTURA 130	X					
04201	ARM TYPE 2 T/T FUTURA 130	X					
04202	ARM TYPE 1 FUTURA LOGICA T/T 130	X					
04203	ARM TYPE 2 FUTURA LOGICA T/T 130	X					
04204	ARM TYPE 1 T/T FUTURA 150	X					
04205	ARM TYPE 2 T/T FUTURA 150	X					
04301K	FUTURA ADDITIONAL ARM FOR T/T	X					
04715	FUTURA HINGE COMB.WING KIT 3D 130	X	X	X	X		
04716	FUTURA HINGE COMB.WING KIT 3D 150	X	X	X	X		
04206 1/2	Type 1 arm + FUTURA 3D 170 HP Invisible hinge (section type 1)	X					
04207 1/2	Type 2 arm + FUTURA 3D 170 HP Invisible hinge (section type 1)	X					
04208 1/2	Type 1 arm + FUTURA 3D 170 HP Invisible Lgc hinge (section type 1)	X					
04209 1/2	Type 2 arm + FUTURA 3D 170 HP Invisible Lgc hinge (section type 1)	X					
04212 1/2	Type 3 arm + FUTURA 3D 170 HP Invisible hinge (section type 1)	X					
04213 1/2	Type 2 arm + FUTURA 3D 170 HP Invisible hinge (section type 3)	X					
04219 1/2	Type 3 arm + FUTURA 3D 170 HP Invisible Lgc hinge (section type 1)	X					
04220 1/2	Type 2 arm + FUTURA 3D 170 HP Invisible Lgc hinge (section type 3)	X					
04400 1/2	SW FUTURA 3D 170 HP Invisible hinge (section type 1)	X	X	X	X		
04401 1/2	SW FUTURA 3D 170 HP Invisible hinge (section type 3)	X	X	X	X		
04770K	FUTURA ADDITIONAL CLOSING	X					
04024K	TAMPER-PROOF CORNER CLEAT FUTURA	X					
02191K	FUTURA TWO-WAY BOLT	X	X		X	X	
02195K	FUTURA TWO-WAY BOLT	X	X		X	X	
02168K	ADJUSTABLE BOLT OFF-CENTR FUTURA	X	X		X	X	
02166K	ADJUSTABLE BOLT FUTURA	X	X		X	X	
04045K	CORNER BOLT FUTURA	X	X		X		
02188K	ADJUSTABLE TERMINAL FUTURA	X					
02189K	FUTURA TWO-WAY CONTROL	X	X		X	X	
04019K	CORNER DRIVE EG CHANNEL 15/20 FUTURA		X			X	
04020K	CORNER DRIVE FOR PERIMETER LOCKING		X				X
01353K	ADJUSTABLE SINGLE STRIKER	X	X	X	X	X	X
04027K	FIXED PAWL FUTURA	X	X	X	X	X	X
01350K	FASTENING ELEMENT FUTURA	X	X	X			
04031K	BURGLAR-PROOF DEVICE FUTURA	X	X	X	X	X	X
01174K	SAFETY VERTICAL WING MECHANISM FUTURA			X			
01175K	SAFETY HORIZONTAL WING MECHANISM			X			
02186K	PERIMETER LOCKING KIT FOR COMBINED WING	X	X		X		
01459	TECH PIVOT WITHOUT PLATES						X
01420	PLATES FOR TECH PIVOT						X
01421	PLATES FOR TECH PIVOT						X
01422	PLATES FOR TECH PIVOT						X
01423	PLATES FOR TECH PIVOT						X
01026K	TWO-DIREC. INTERNAL DEVICE FUTURA						X
01347K	ADJUSTABLE SINGLE STRIKER FUTURA	X	X	X	X	X	X
01348K	SINGLE STRIKER - ZAMAK FUTURA	X	X		X		
01349K	DOUBLE STRIKER - ZAMAK FUTURA		X				
02216	CONNECTING JOINT						X
02251K	CONNECTING PIN mm 18 FUTURA						X
02252K	CONNECTING PIN mm 21 FUTURA						X
02253K	CONNECTING PIN mm 24 FUTURA						X
02254K	CONNECTING PIN mm 32 FUTURA						X
02255K	CONNECTING PIN mm 28 FUTURA						X
01020K	TWO-DIRECT. INT. DEVICE M90 FUTURA		X				X
02387	CONNECTION BLOCKS		X				
04645	LOCK FOR BALCONY DOOR BACKSET 35					X	
04646	LOCK FOR BALCONY DOOR B.35 WITH BOLT					X	
04649	LOCK FOR BALCONY DOOR BACKSET 45					X	
04650	LOCK FOR BALCONY DOOR B.45 WITH BOLT					X	

* Secondary window only

GIESSE FUTURA COMPONENTS




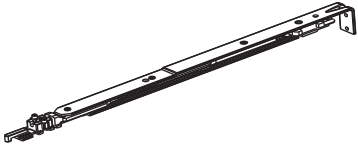
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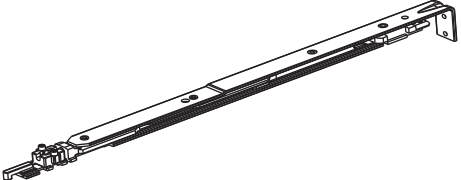
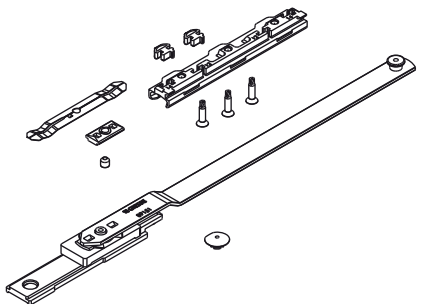
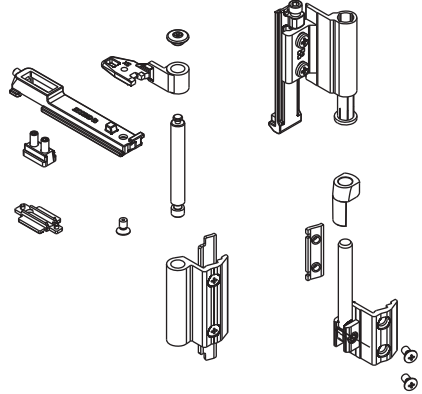
FUTURA T/T BASIC MECHANISM 130	04700	
<p>Functions Base closure mechanism for FUTURA 3D tilt and turn window, including lock and hinge.</p> <p>Finish All RAL and TREND Giesse colours</p> <p>Packaging 20 kit</p>		
T/T LOCKING MECHANISM	04704	
<p>Functions Tilt and turn window closure mechanism for Cremone bolts.</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 kit</p>		
T/T LOCKING MECHANISM M 180	04705	
<p>Functions Tilt and turn window closure mechanism with single direction M180 movement for window handles.</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 kit</p>		
LOGICA T/T LOCKING MECHANISM	04706	
<p>Functions Tilt and turn window closure mechanism for Logica manoeuvre Cremone bolts</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 kit</p>		

LOGICA T/T LOCKING MECHANISM M180	04707	
<p>Functions Tilt-and-turn closure mechanism with single direction M180 movement for window handles, with Logica manoeuvre.</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 kit</p>		
FUTURA TILT/TURN HINGE 130	04711	
<p>Functions Hinges for tilt and turn windows with 130 Kg capacity and 3D adjustment.</p> <p>Finish All RAL and TREND Giesse colours</p> <p>Packaging 20 pieces</p>		
TILT/TURN HINGE FUTURA 150	04712	
<p>Functions Hinges for tilt and turn with 150 Kg capacity and 3D adjustment.</p> <p>Finish All RAL and TREND Giesse colours</p> <p>Packaging 20 pieces</p>		
ARM TYPE 1 T/T FUTURA 130	04200	
<p>Functions Arm that allows tilt and turn opening, combined with the 130 Kg. tilt and turn closure mechanism.</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 pieces</p>		

GIESSE FUTURA COMPONENTS

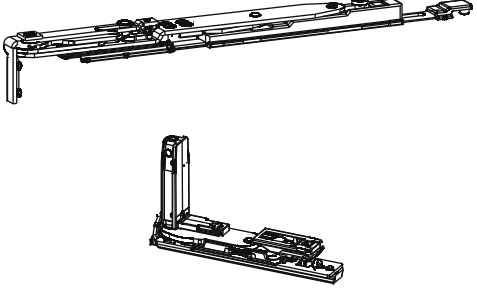
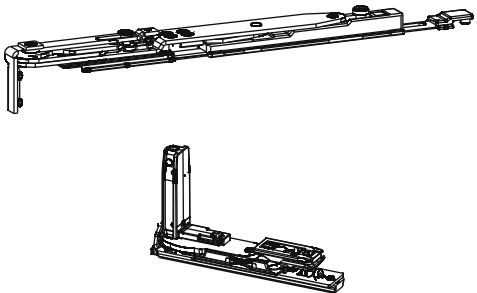
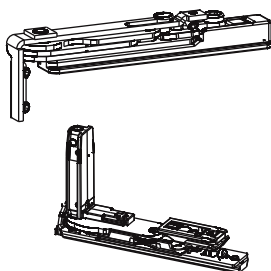
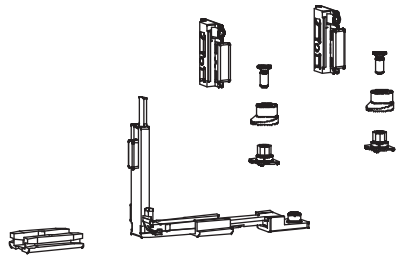
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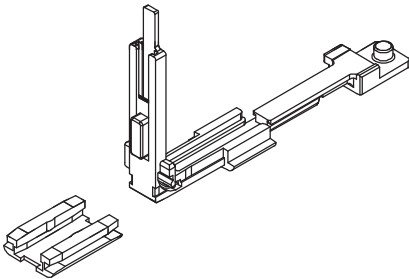
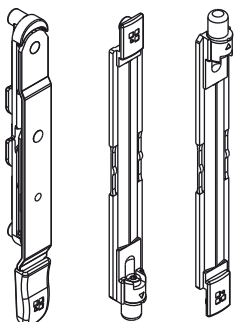
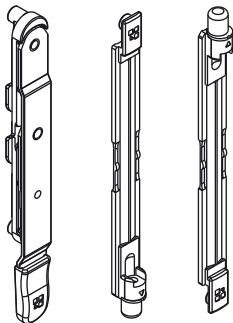
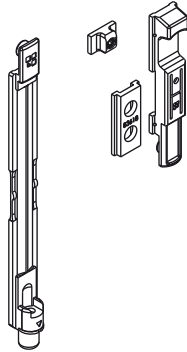
ARM TYPE 2 T/T FUTURA 130	04201	
<p>Functions Arm that allows tilt and turn opening, combined with the 130 Kg. tilt and turn closure mechanism.</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 pieces</p>		
ARM TYPE 1 FUTURA LOGICA T/T 130	04202	
<p>Functions Arm that allows tilt and turn opening, combined with the tilt and turn closure mechanism Logica 130 Kg.</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 pieces</p>		
ARM TYPE 2 FUTURA LOGICA T/T 130	04203	
<p>Functions Arm that allows tilt and turn opening, combined with the tilt and turn closure mechanism Logica 130 Kg.</p> <p>Finish GS Silver Plus</p> <p>Packaging 20 kit</p>		
ARM TYPE 1 T/T FUTURA 150	04204	
<p>Functions Arm that allows tilt and turn opening, combined with the 150 Kg. tilt and turn closure mechanism.</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 pieces</p>		

ARM TYPE 2 T/T FUTURA 150	04205							
<p>Functions Arm that allows tilt and turn opening, combined with the 150 Kg. tilt and turn closure mechanism.</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 pieces</p>								
FUTURA ADDITIONAL ARM FOR T/T	04301K							
<p>Functions Supplementary arm to be combined with type 2 arms on fixtures with widths greater than 1000 mm, which serves to distribute the force used to open the window during tilt opening.</p> <p>Finish GS Silver Plus</p> <p>Packaging 5 pieces</p>		<p>HINGE KIT FOR FUTURA 3D SECONDARY WINDOW</p> <table border="1" data-bbox="124 1288 754 1395"> <thead> <tr> <th>Description</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>3D 130 04715 Hinge kit</td> <td>04715</td> </tr> <tr> <td>3D 150 HP 04716 Hinge kit</td> <td>04716</td> </tr> </tbody> </table> <p>Functions Window hinge with the same design and adjustments as the hinges for FUTURA 3D 130 Kg tilt and turn windows.</p> <p>Finish All RAL and TREND Giesse colours</p> <p>Packaging 5 pieces</p>	Description	Code	3D 130 04715 Hinge kit	04715	3D 150 HP 04716 Hinge kit	04716
Description	Code							
3D 130 04715 Hinge kit	04715							
3D 150 HP 04716 Hinge kit	04716							

GIESSE FUTURA COMPONENTS

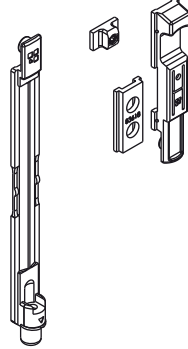
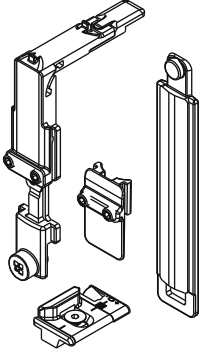
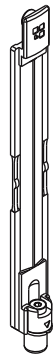

Component list

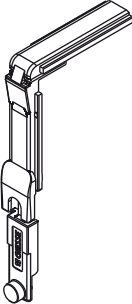
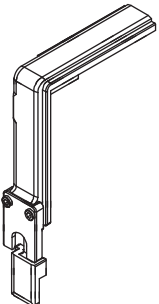
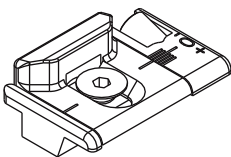
FUTURA 3D 170 HP INVISIBLE ARM AND HINGE SET		
Description	Frame	Code
Set with type 1 arm and r/l hinge	14 ÷ 18 mm	04206 1/2
Set with type 2 arm and r/l hinge	14 ÷ 18 mm	04207 1/2
Set with type 1 arm and r/l hinge	10 ÷ 14 mm	04212 1/2
Set with type 2 arm and r/l hinge	10 ÷ 14 mm	04213 1/2
Finishes GS Silver Plus	Packaging 5 pieces	
		
FUTURA 3D 170 HP INVISIBLE LOGICA ARM AND HINGE SET		
Description	Frame	Code
Set with type 1 arm and r/l hinge	14 ÷ 18 mm	04208 1/2
Set with type 2 arm and r/l hinge	14 ÷ 18 mm	04209 1/2
Set with type 1 arm and r/l hinge	10 ÷ 14 mm	04219 1/2
Set with type 2 arm and r/l hinge	10 ÷ 14 mm	04220 1/2
Finishes GS Silver Plus	Packaging 5 pieces	
		
FUTURA 3D 170 HP INVISIBLE HINGE FOR SECONDARY WINDOW		
Description	Frame	Code
Window hinge to be used with FUTURA 3D 170 HP Invisible r/l	14 ÷ 18 mm	04400 1/2
Window hinge to be used with FUTURA 3D 170 HP Invisible r/l	10 ÷ 14 mm	04401 1/2
Finishes GS Silver Plus	Packaging 10 pieces	
		
FUTURA ADDITIONAL CLOSING		04770K
<p>Functions Kit consisting of an angle transmission and an adjustable striker to be used when a supplementary closure is desired for the fixture.</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 kit</p>		
		

TAMPER-PROOF CORNER CLEAT FUTURA	04024K	
<p>Functions Angle transmission for use when the anti-burglar device art. 04031 is to be used with GS999-80 and no supplementary closures.</p> <p>Finishes GS Silver Plus</p> <p>Packaging 10 pieces</p>		
FUTURA TWO-WAY BOLT	02191K	
<p>Functions Bidirectional bolt characterized by a manoeuvre which allows both terminals to be closed simultaneously.</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 pieces</p>		
FUTURA TWO-WAY BOLT	02195K	
<p>Functions Bidirectional bolt characterized by a manoeuvre which allows both terminals to be closed simultaneously. Specifically for Metra profiles.</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 pieces</p>		
ADJUSTABLE BOLT OFF-CENTR FUTURA	02168K	
<p>Functions Bolt for the second wing, characterized by zama terminals which allow compression adjustment of the base of the secondary wing.</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 pieces</p>		

GIESSE FUTURA COMPONENTS


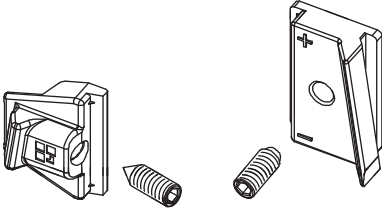
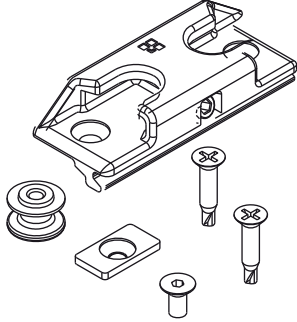
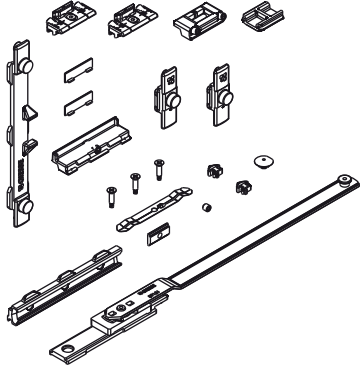
Component list

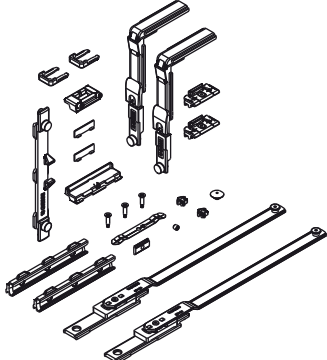
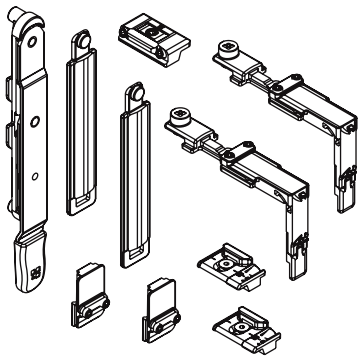
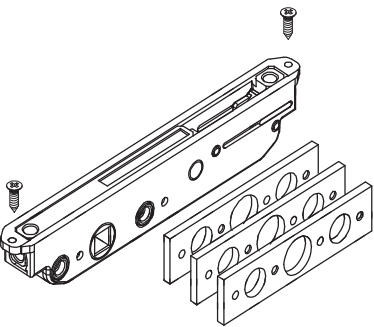
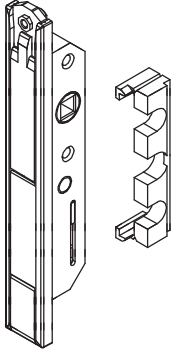
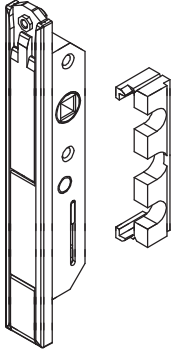
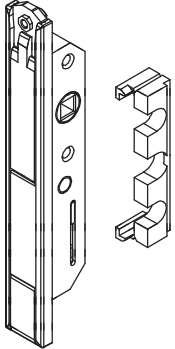
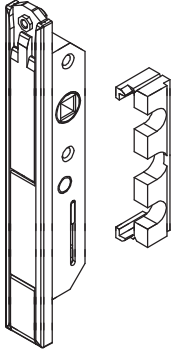
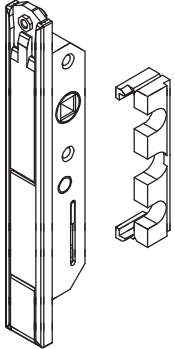
ADJUSTABLE BOLT FUTURA	02166K	
<p>Functions Bolt for the second wing, characterized by zama terminals which allow compression adjustment of the base of the secondary wing. Specifically for Metra profiles.</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 pieces</p>		
CORNER BOLT FUTURA	04045K	
<p>Functions Angular bolt which allows the closure of windows on the upper and lower crosspieces of the frame. To be used with appropriate windows (capacity profile) with 15-20 mm. double grooves (lower groove).</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 pieces</p>		
ADJUSTABLE TERMINAL FUTURA	02188K	
<p>Functions Adjustable terminal to be used both for the main and secondary wing (capacity profile) with 15-20 mm. grooves.</p> <p>Finish GS Silver Plus</p> <p>Packaging 40 pieces</p>		
FUTURA TWO-WAY CONTROL	02189K	
<p>Functions The control lets bidirectional movement be transmitted to the bar of a shuttered window, with a single manoeuvre for various uses. This is particularly useful for creating bolts for very high windows in which it is difficult to manoeuvre the upper bolt.</p> <p>Finish GS Silver Plus</p> <p>Packaging 20 pieces</p>		

CORNER DRIVE EG CHANNEL 15/20 FUTURA	04019K	
<p>Functions Used to transfer the lock movement on the Cremone bolt/window handle side to the upper and lower crosspieces.</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 pieces</p>		
ANGLE TRANSMISSION FUTURA	04020K	
<p>Functions Used to transfer the lock movement on the Cremone bolt/window handle side to the upper and lower crosspieces.</p> <p>Finish GS Silver Plus</p> <p>Packaging 50 pieces</p>		
ADJUSTABLE SINGLE STRIKER	01353K	
<p>Functions Works together with the closure ratchet and the angle transmission, operating as a closure striker.</p> <p>Finish GS Silver Plus</p> <p>Packaging 200 pieces</p>		

GIESSE FUTURA COMPONENTS

Component list

FIXED PAWL FUTURA	04027K	
<p>Functions Fixed ratchet, to be used together with the adjustable striker, necessary to add supplementary closure points, in addition to those provided with the base mechanism.</p> <p>Finish GS Silver Plus</p> <p>Packaging 200 pieces</p>		
FASTENING ELEMENT FUTURA	01350K	
<p>Functions The adjustable striker guard allows for the creation of supplementary closure points on any aluminium fixture, making the fixture structure more robust. It can also be installed after the window has been installed.</p> <p>Finish GS Silver Plus</p> <p>Packaging 50 pieces</p>		
BURGLAR-PROOF DEVICE FUTURA	04031K	
<p>Functions Kit created for the purposes of increasing the tilt and turn fixture's resistance to burglary attempts, making it more difficult for intruders to enter through the window.</p> <p>Finish GS Silver Plus</p> <p>Packaging 20 pieces</p>		
SAFETY VERTICAL WING MECHANISM FUTURA	01174K	
<p>Functions Hardware kit used to create a safety shuttered window (with Cremona bolts at 0° closed, at 90° limited opening, and 180° total opening) with vertical closure.</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 pieces</p>		

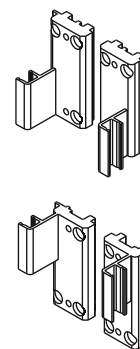
SAFETY HORIZONTAL WING MECHANISM FUTURA	01175K	
<p>Functions Hardware kit used to create a safety shuttered window (Cremone bolts at 0° closed, at 90° limited opening, and 180° total opening) with horizontal closure.</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 pieces</p>		
PERIMETER LOCKING KIT FOR COMBINED WING	02186K	
<p>Functions Device which allows for perimeter closure of the appropriate window on the upper and lower crosspieces of the frame. To be used with appropriate windows (capacity profile) with 15-20 mm. double grooves (lower groove).</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 pieces</p>		
TWO-DIREC. INTERNAL DEVICE FUTURA	01026K	
<p>Functions Bidirectional mechanism to be inserted inside the tubular area of the profile. This is activated by a window handle and, through the connecting pins, activates the bars used to close the lock.</p> <p>Finish GS Silver Plus</p> <p>Packaging 5 pieces</p>		
TWO-DIRECT. INT. DEVICE M90 FUTURA	01020K	
<p>Functions M90 is a bidirectional device, housed inside the tubular area of the profile, which moves the shafts and the pins located in the turn windows through the window handle.</p> <p>Finish GS Silver Plus</p> <p>Packaging 5 pieces</p>		

GIESSE FUTURA COMPONENTS

Component list

PLATES FOR TECH PIVOT

Extruder	Series name	Plate Code
Allco	Export 45-45TT-50-50 TT	01421
	Kwood	01422
Alupex	Green - Keeper 45	01423
Hydro	Domal Stopper PG	01420
	Domal Break PA 52	
	Domal Extra Termic 62	
	Domal Break PA 63	01429
	Domal Break PA 70 S	
	Domal Brigh PA 70 S	01431
Indinvest	Gold	01424
Metra	NC 50 I - NC 50 STH	01426
	NC 65 STH	01427
Profilati	PE ECU 53-53 TT- 64 TT- 72 TT	01428



Finish

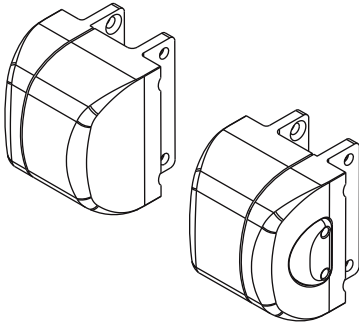
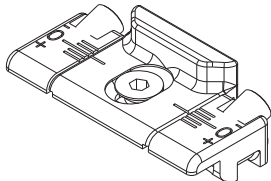
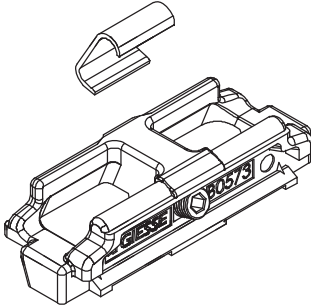
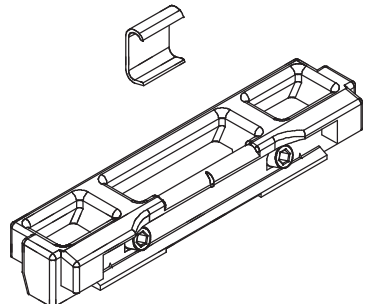
GS Silver Plus

Packaging

4 set

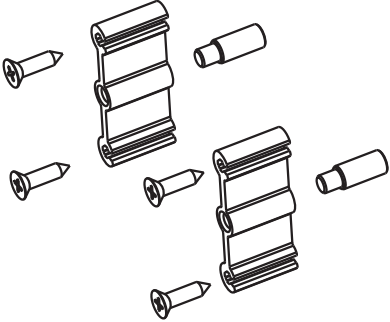
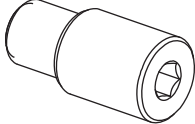
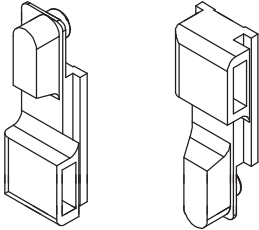
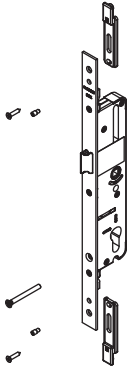
MULTI-CLOSURE FOR PIVOT

Extruder	Series name	Code	Horizontal Multi-closure Pivot	Vertical Multi-closure Pivot
Hydro	Domal Stopper PG	01459 (Pivot) + 01420 (Plates)	02197 + various accessories	02197 + various accessories
Hydro	Domal Break PA 52	01459 (Pivot) + 01420 (Plates)		
Hydro	Domal Break PA 63	01459 (Pivot) + 01429 (Plates)	02197 + various accessories	02197 + various accessories
Hydro	Domal Break PA 70 S	01459 (Pivot) + 01429 (Plates)		
Indinvest	Gold 400, 450, 450TT, 490, 500, 600	01459 (Pivot) + 01429 (Plates)	02223	/

TECH PIVOT WITHOUT PLATES	01459	
<p>Functions Pivot joint for horizontal and vertical pivot windows with 180° rotation. Item manufactured using high precision mechanical pressure die-casting.</p> <p>Finish All RAL colours</p> <p>Packaging 4 pairs</p>		
ADJUSTABLE SINGLE STRIKER FUTURA	01347K	
<p>Functions Works together with the closure ratchet and the angle transmission, operating as a closure striker.</p> <p>Finish GS Silver Plus</p> <p>Packaging 200 pieces</p>		
SINGLE STRIKER - ZAMAK FUTURA	01348K	
<p>Functions Item created to be applied to the upper and lower part of the fixture frame and to one or more wings, with the function of holding the bolt pins and GIESSE terminals, or the appropriately shaped manoeuvre bars.</p> <p>Finish GS Silver Plus</p> <p>Packaging 100 pieces</p>		
DOUBLE STRIKER - ZAMAK FUTURA	01349K	
<p>Functions Item created to be applied to the upper and lower part of the fixture frame and to one or more wings, with the function of holding the bolt pins and GIESSE terminals.</p> <p>Finish GS Silver Plus</p> <p>Packaging 100 pieces</p>		

GIESSE FUTURA COMPONENTS

Component list

CONNECTION JOINTS		02216												
<p>Functions Used to transmit motion from the closure lock on the window profile to the capacity profile, allowing the window to be closed without impinging on the clutches.</p> <p>Finish GS Silver Plus</p> <p>Packaging 10 pieces</p>														
CONNECTING PIN														
<table border="1"> <thead> <tr> <th>Description</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Length 18 mm</td> <td>02251K</td> </tr> <tr> <td>Length 21 mm</td> <td>02252K</td> </tr> <tr> <td>Length 24 mm</td> <td>02253K</td> </tr> <tr> <td>Length 32 mm</td> <td>02254K</td> </tr> <tr> <td>Length 28 mm</td> <td>02255K</td> </tr> </tbody> </table> <p>Finish Packaging GS Silver Plus 200 pieces</p>				Description	Code	Length 18 mm	02251K	Length 21 mm	02252K	Length 24 mm	02253K	Length 32 mm	02254K	Length 28 mm
Description	Code													
Length 18 mm	02251K													
Length 21 mm	02252K													
Length 24 mm	02253K													
Length 32 mm	02254K													
Length 28 mm	02255K													
CONNECTION BLOCK		02387												
<p>Functions Made of nylon, for both r/l, used to connect EURO, SUPERNOVA, and PRIMA Cremona bolts with the profile shafts for an aluminium turn window.</p> <p>Finish Nylon</p> <p>Packaging 50 pairs</p>														
BALCONY DOOR LOCK														
<table border="1"> <thead> <tr> <th>Description</th> <th>Entry</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Balcony door lock</td> <td>35 mm</td> <td>04645</td> </tr> <tr> <td>Balcony door lock</td> <td>45 mm</td> <td>04649</td> </tr> </tbody> </table> <p>Finish GS Silver Plus</p> <p>Packaging 1 piece</p>				Description	Entry	Code	Balcony door lock	35 mm	04645	Balcony door lock	45 mm	04649		
Description	Entry	Code												
Balcony door lock	35 mm	04645												
Balcony door lock	45 mm	04649												

BALCONY DOOR LOCK WITH BOLT

Description	Entry	
Balcony door lock	35 mm	04646
Balcony door lock	45 mm	04650

Finish
GS Silver Plus

Packaging
1 piece

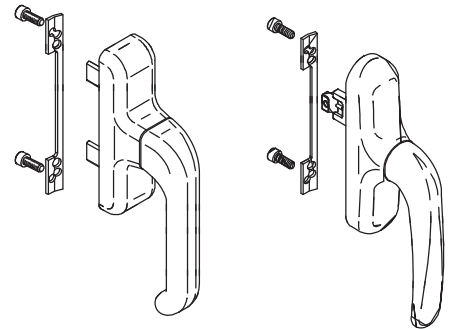


CREMONE BOLTS FOR WINDOWS AND TILT AND TURN WINDOWS

Description	Code	
Prima Cremone Bolt	01024U	
Euro Cremone Bolt	01000U	
Prima 900 Cremone Bolt	01033U	01033K*
Euro 900 Cremone Bolt	01090U	01090K*

* Cremone bolt with GS Silver Plus sliding

Finish All RAL and TREND Giesse colours
Packaging 10 pieces

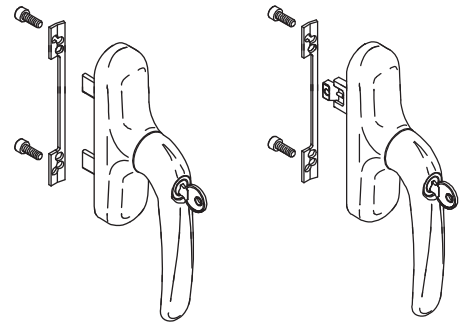


CREMONE BOLTS WITH KEY FOR TILT AND TURN WINDOWS

Description	Code	
Prima Key Cremone Bolt	01012U	
Prima Key brass Cremone bolt	01019U	
Prima Key capture Cremone bolt	01119U	01119K*
Cremonese Prima Key capture	01149U	01149K*
Prima Key 900 Cremone Bolt	01152U	01152K*

* Cremone bolt with GS Silver Plus sliding

Finish All RAL and TREND Giesse colours
Packaging 10 pieces



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