

C.H.I.C. & NP SUPRA

TOWARDS A NEW GENERATION
OF WINDOWS



CONCEALED HINGE **C.H.I.C.** AND HANDLE **NP SUPRA**

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PIONEERS IN QUALITY, INNOVATION & DESIGN

We are pioneers

For more than 50 years, we have opened new frontiers and changed the way of conceiving and producing hardware for aluminium windows and doors.

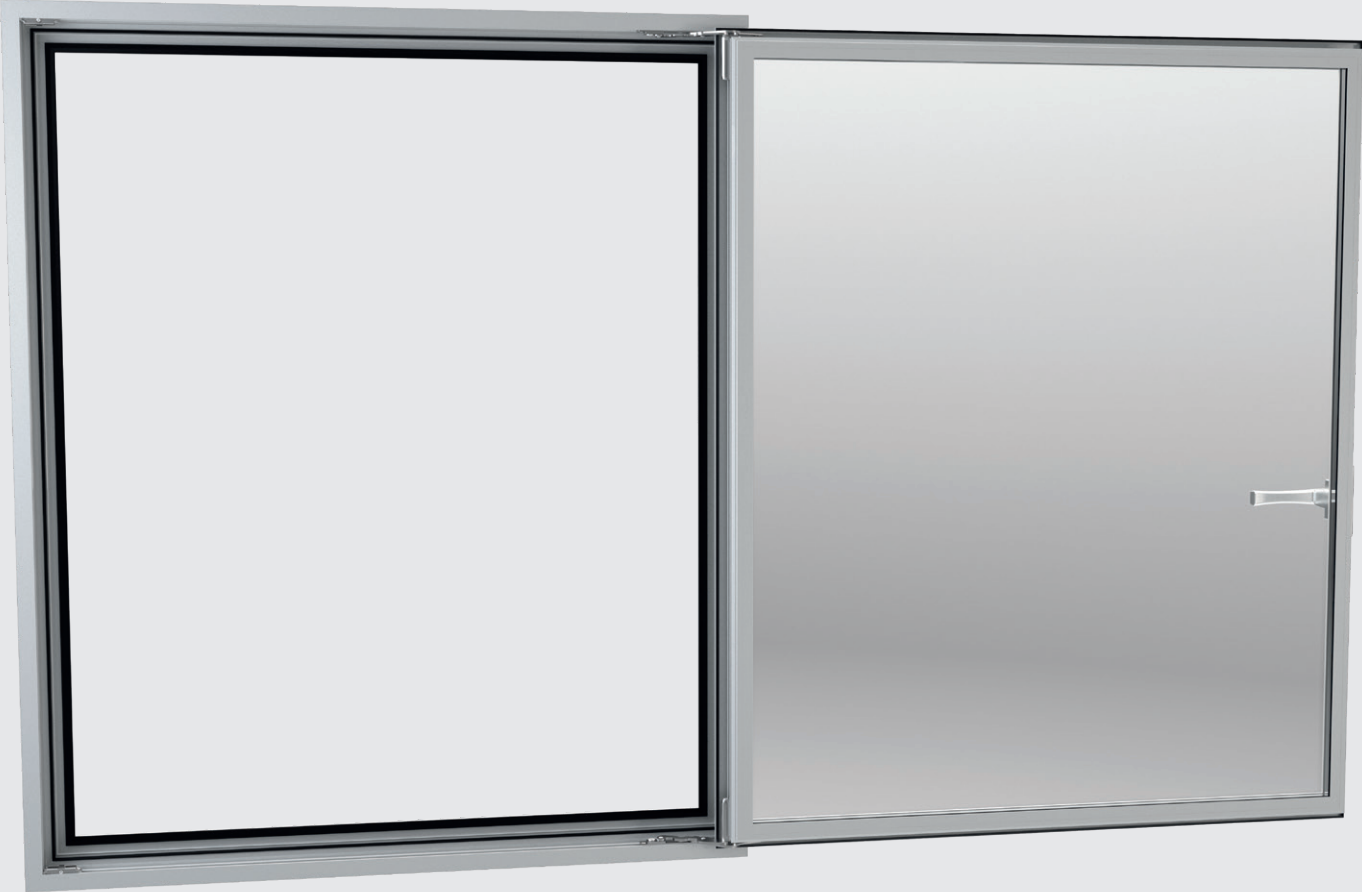
We are part of Schlegelgiasse, the international division of Tyman plc, a global group with hardware manufacturing plants in Italy, United Kingdom, China, United States and a sales network able to serve almost every country in the world.

Our mission is to be a global partner for engineered components for the fenestration industry thanks to our full range of sealing systems and hardware solutions for doors and windows, with more than 100 registered patents.

Our goal is to work professionally in accordance with our core values of Quality, Innovation and Design. Our focus is the complete customer satisfaction through the design, manufacture and marketing of cutting-edge solutions in line with market demands, all over the world.



INVISIBLE INNOVATION



C.H.I.C. AND NP SUPRA

TOWARDS A NEW GENERATION OF WINDOWS

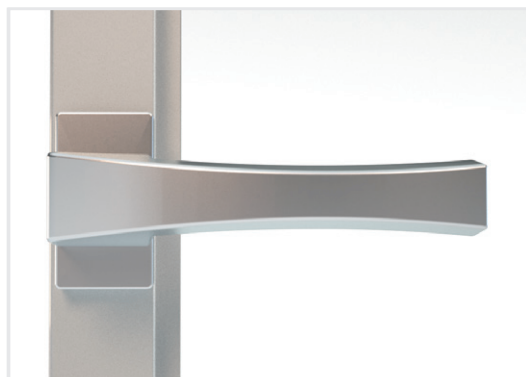
A new generation of windows calls for a new generation of hardware: C.H.I.C. and NP SUPRA handle with exclusive technology Giesse NP. The result is a revolutionary system of concealed hardware for Side-hung and Tilt-and-Turn windows through which it is possible to create a new kind of window, with reduced front section and hinges which are totally concealed within the profile.

CHIC



C.H.I.C.
Concealed.Hardware.Innovative.Components.
Complete concealed hinge system for Side-Hung and Tilt-and-Turn windows.

NP SUPRA



NP SUPRA
The innovative driving system that combines the aesthetics of a handle with the ease of assembly of a cremone.



Scan Here
Watch C.H.I.C. and NP SUPRA video



Scan Here
Watch GIESSE Tech Video – assembly and technical features

C.H.I.C. CONCEALED.HARDWARE. INNOVATIVE.COMPONENTS.



The world of the aluminium window is evolving towards an aesthetically and technologically advanced window, with ultra slim profiles and concealed hardware.

The possibility to minimize the dimensions of both sash and frame profiles translates into a more modern, architecturally innovative appearance, but it also means more daylight and improved thermal performance, thanks to the increased glazed surface in the same window size.



100 kg or 130 kg Load Capacity

This maximum load capacity suits the majority of the application requirements for housing concepts, both residential and commercial.



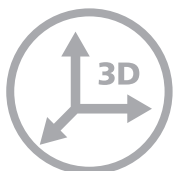
180° Opening

C.H.I.C. allows 180° opening of the sash for both Side-Hung and Tilt-and-Turn windows.



Simple, Quick and Easy Assembly

Reduced number of components and assembly stages.



3D Hinge Adjustment

3D adjustment system allowing height, lateral and compression adjustment, even after installation on site.



Optimised Stores Management

The color choice is no longer a problem. Hidden inside the profile, C.H.I.C. eliminates completely the requirement for coloured finishes thus simplifying the organization of the warehouse.

FOR SIDE-HUNG AND TILT-AND-TURN WINDOWS

ALSO WITH LOGICA TILT-FIRST FUNCTION

C.H.I.C. was designed to satisfy the requirements of all situations which call for the installation of Tilt-and-Turn windows, combining a modern design with quick and simple installation and the possibility to open the window 180°.

Side-Hung Window



Tilt-and-Turn Window



CHIC 100
CHIC 130

- 180° sash opening
- 100 kg or 130 kg load capacity
- 3D hinge adjustment
- Adjustable fastening element



- 180° sash opening
- 100 kg or 130 kg load capacity
- 3D hinge adjustment
- Micro ventilation as standard
- Same arm for Standard and Logica Tilt-First



Standard and Logica Tilt-and-Turn Functions in a Single Mechanism

Logica is a solution particularly well suited to all situations where the sash must be prevented from opening to the full extent. Without the key, it is only possible to open the sash as a Bottom-Hung window.

Micro-ventilation as standard

Simply turning the handle to 135° opens the sash by only a few millimeters, allowing air to flow from the inside to outside and vice versa, to minimize condensation inside the building.



NP SUPRA

MODERN AND ELEGANT DESIGN

NP Supra is the innovative handle that requires a minimal machining on the profile, thanks to the miniaturization of the internal mechanisms and an innovative fixing system.

Traditionally, window fastening systems are divided into two types: cremones and window handles.

The cremone can be easily installed with minimal work required on the profile, however it has an aesthetical downside: the dimensions of the case do not allow for clean, minimalist design.

The window handle instead allows more appealing and diversified designs, but it requires complex machining on the profile and especially accurate fitting.



Simple Machining and Assembly

NP Supra does not require any prior machining of the profile other than the three fixing holes. The mechanism rests on the front of the channel and is quickly fixed to the profile with two special screws.



Reduced Dimensions for More Pleasant Visual Impact

Only with NP Supra it is possible to reduce the aluminium profile for the benefit of the glazed surface for a modern, stylish design.



For Side-Hung and Tilt-and-Turn Windows

The NP Supra range offers a choice of two handle styles (Prima and Asia) and two devices, for Side-Hung and Tilt-and-Turn windows.



Only Three Holes

Giesse NP (Non Plus) technology aims to minimize the amount of machining required on the profile, to allow quick, simple fitting of window hardware. With the NP punching press, the only machining required for installation of NP Supra is achieved in just one simple high speed operation.

TILT-AND-TURN



Single Sash

Description	Item	Notas	PZ
NP SUPRA Tilt-and-Turn mechanism	0395500001		1
NP SUPRA – Prima line	03962FFF		1
NP SUPRA – Asia line	03963FFF		1
C.H.I.C. 100 kg			
C.H.I.C. – T/T hinges Kit + T1 arm (right)	043550001	L = 470 – 700 mm	
C.H.I.C. – T/T hinges Kit + T1 arm (left)	043550002		
C.H.I.C. – T/T hinges Kit + T1 arm (right) no microventilation	043590001	L = 445 – 700 mm	1
C.H.I.C. – T/T hinges Kit + T1 arm (left) no microventilation	043590002		
C.H.I.C. – T/T hinges Kit + T2 arm (right)	043560001	L = 600 – 1500 mm	
C.H.I.C. – T/T hinges Kit + T2 arm (left)	043560002		
C.H.I.C. 130 kg			
C.H.I.C. – T/T hinges Kit + T1 arm (right)	044250001	L = 470 – 700 mm	
C.H.I.C. – T/T hinges Kit + T1 arm (left)	044250002		
C.H.I.C. – T/T hinges Kit + T2 arm (right)	044260001	L = 600 – 1500 mm	1
C.H.I.C. – T/T hinges Kit + T2 arm (left)	044260002		

Double Sash

Description	Item	Notas	PZ
NP SUPRA Tilt-and-Turn mechanism	0395500001		1
NP SUPRA – Prima line	03962FFF		1
NP SUPRA – Asia line	03963FFF		1
C.H.I.C. 100 kg			
C.H.I.C. – T/T hinges kit + T1 arm (right)	043550001	L = 470 – 700 mm	
C.H.I.C. – T/T hinges kit + T1 arm (left)	043550002		
C.H.I.C. – T/T hinges Kit + T1 arm (right) no microventilation	043590001	L = 445 – 700 mm	1
C.H.I.C. – T/T hinges Kit + T1 arm (left) no microventilation	043590002		
C.H.I.C. – T/T hinges kit + T2 arm (right)	043560001	L = 600 – 1500 mm	
C.H.I.C. – T/T hinges kit + T2 arm (left)	043560002		
C.H.I.C. – hinges kit for secondary sash (right)	043540001	L > 300 mm	1
C.H.I.C. – hinges kit for secondary sash (left)	043540002		
C.H.I.C. 130 kg			
Two way bolt	02191000K	H > 750 mm	
Adjustable bolt	02168000K	H > 600 mm	1
GIAP bolt	04274000K	H > 600 mm	
Single striker	01348000K		1

Optional:

04358 Fastening element (H > 1200 mm)	04357 Additional fastening mechanism for arm (L > 1000 mm – H < 1200 mm)
04301K Additional arm (L > 1000 mm)	03535 Arm positioning template
04770K Additional closing (L > 1000 mm – H > 1200 mm)	

SIDE HUNG



Single Sash

Description	Item	Notas	PZ
NP SUPRA Side-Hung drive device	03954000		1
NP SUPRA – Prima line	03962FFF		1
NP SUPRA – Asia line	03963FFF		1
C.H.I.C. 100 kg			
C.H.I.C. – Side-Hung hinges Kit (right)	043540001	L > 300 mm	1
C.H.I.C. – Side-Hung hinges Kit (left)	043540002		
C.H.I.C. 130 kg			
C.H.I.C. – Side-Hung hinges Kit (right)	044240001	L > 300 mm	1
C.H.I.C. – Side-Hung hinges Kit (left)	044240002		
Adjustable terminal	02188000K		2
Single striker	01348000K		2

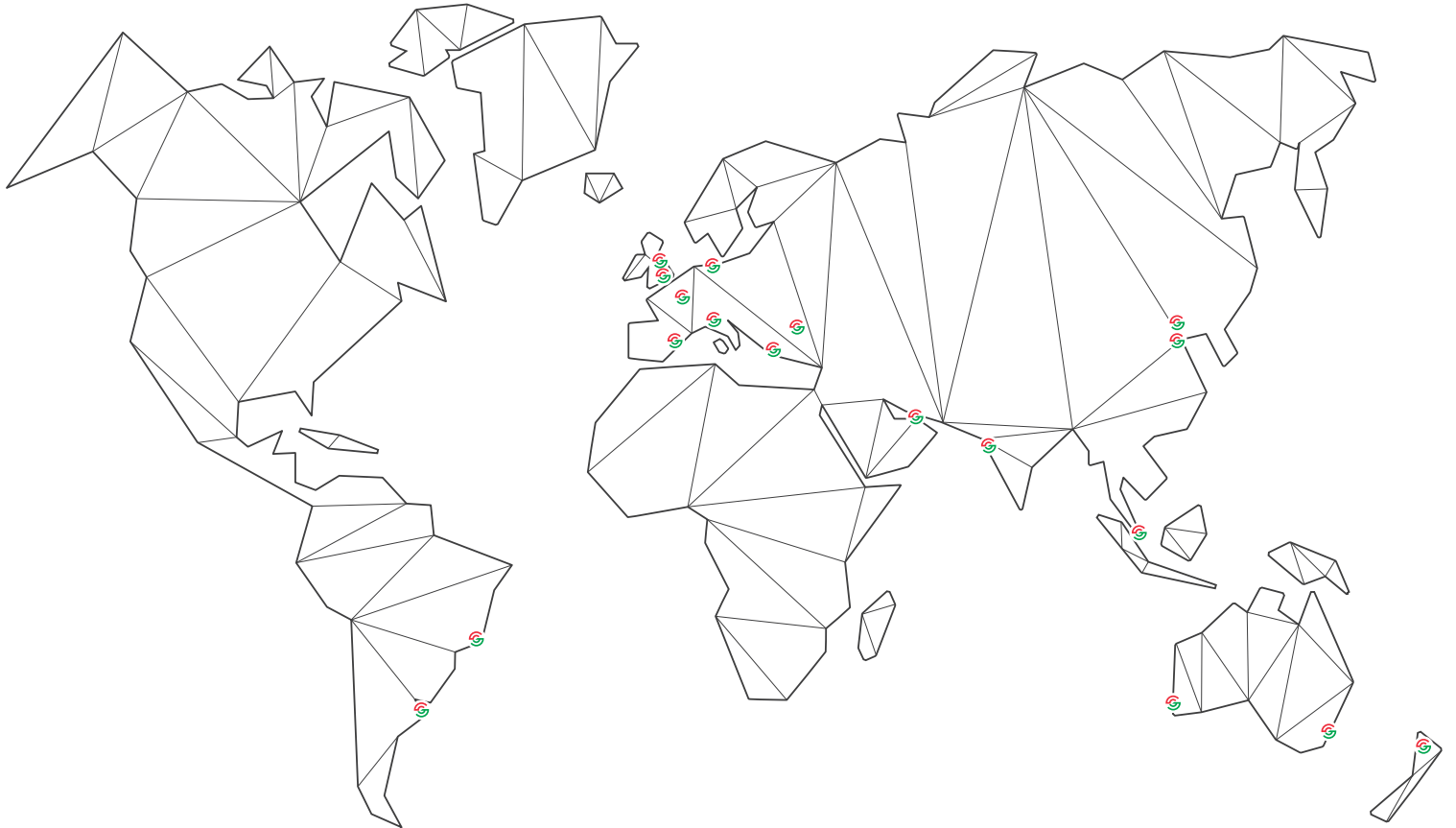
Double Sash

Description	Item	Notas	PZ
NP SUPRA Side-Hung drive device	03954000		1
NP SUPRA – Prima line	03962FFF		1
NP SUPRA – Asia line	03963FFF		1
C.H.I.C. – Side-Hung Hinges Kit (right)	043540001	L > 300 mm	1
C.H.I.C. – Side-Hung Hinges Kit (left)	043540002		
Adjustable terminal	02188000K		2
Single striker	01348000K		2
C.H.I.C. 100 kg			
C.H.I.C. – hinges kit for secondary sash (right)	043540001	L > 300 mm	1
C.H.I.C. – hinges kit for secondary sash (left)	043540002		
C.H.I.C. 130 kg			
C.H.I.C. – hinges kit for secondary sash (right)	044240001	L > 300 mm	1
C.H.I.C. – hinges kit for secondary sash (left)	044240002		
Two way bolt	02191000K	H > 750 mm	1
Adjustable bolt	02168000K	H > 600 mm	1
Single striker	01348000K		2

Optional

04358: fastening element (H > 1200 mm)

A GLOBAL PARTNER



SCHLEGELGIESSE
MADE FOR THE FUTURE

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