

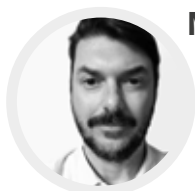
CHIC

CONCEALED.
HARDWARE.
INNOVATIVE.
COMPONENTS.



For many years now, there has been a sustained increase in demand for solutions with concealed hardware, as well as a strong tendency towards combined systems designed with minimal profiles, especially in aluminium.

THE CHALLENGE OF SLIMMER FRAMES



Marco Cinti
Marketing Manager

All around us, it is evident how architects are redefining the rules of urban planning by designing

increasingly streamlined buildings in increasingly bold and modern architectural styles, without physical separation between the interior and exterior of the construction. All this leads to larger glazing spans and greater demand for ultra-slim frames accessorised with in-built hardware and gaskets.

This is why research into materials is becoming increasingly important, along with smaller profiles capable of incorporating stylish accessories with low aesthetic impact.

In this context, thanks to its excellent mechanical and performance properties, aluminium is the most suitable material for building thinner profiles and thereby achieving increased glazing area: the results are more daylight, added durability and extra strength, together with greater design flexibility.



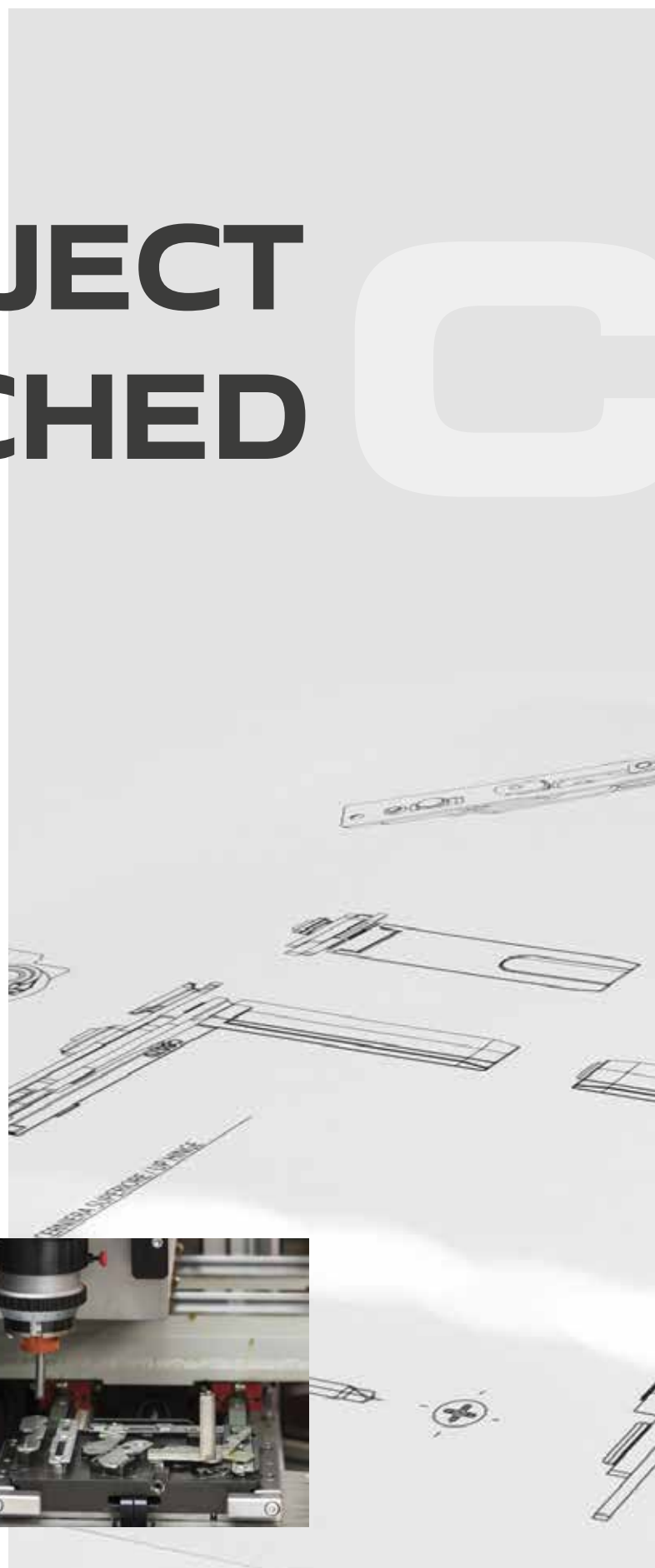
2016

THE PROJECT IS LAUNCHED

CONCEALED.
HARDWARE.
INNOVATIVE.
COMPONENTS.

Aluminium casements have always embodied modernity and innovation, which also happen to be signature characteristics of the Giesse ethos. The idea underpinning the C.H.I.C. project was to revolutionise the door and window casement industry, which had not seen any significant technological innovations for a number of years. The properties of aluminium made it a natural medium for developing casements with increasingly minimalist profiles and a higher glazing ratio, allowing for an even more essential look and more daylight harvesting. And with accessories hidden from view.

Mainly thanks to Giesse, *concealed* accessories for sash and tilt-and-turn windows are now commonplace. But it was a different story only five years ago.

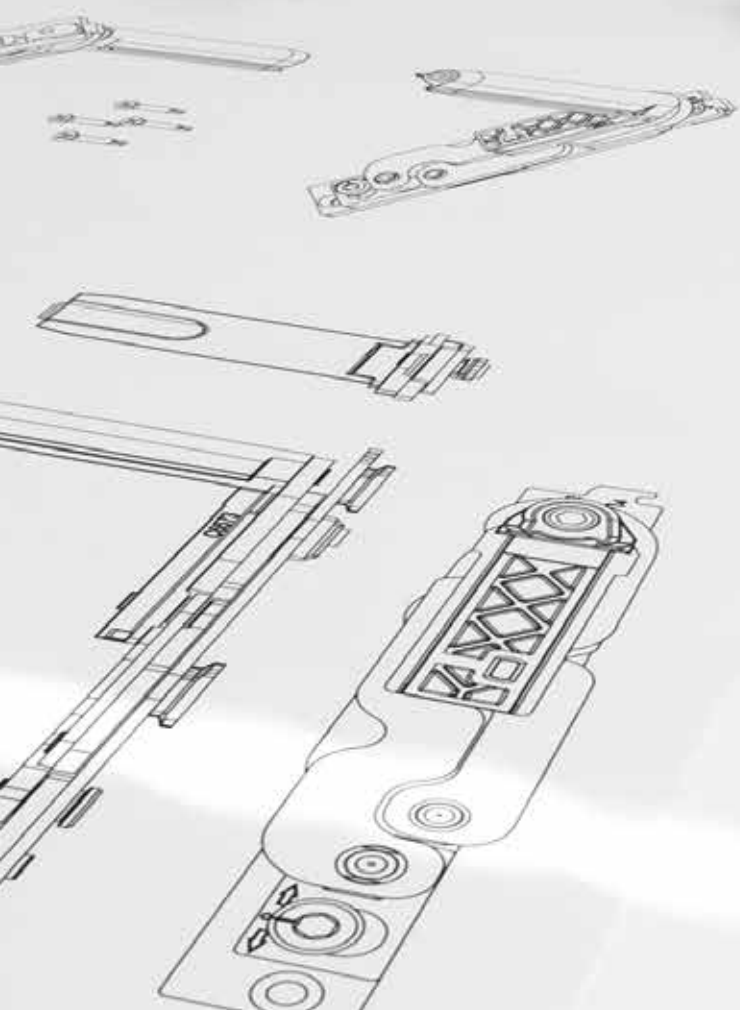


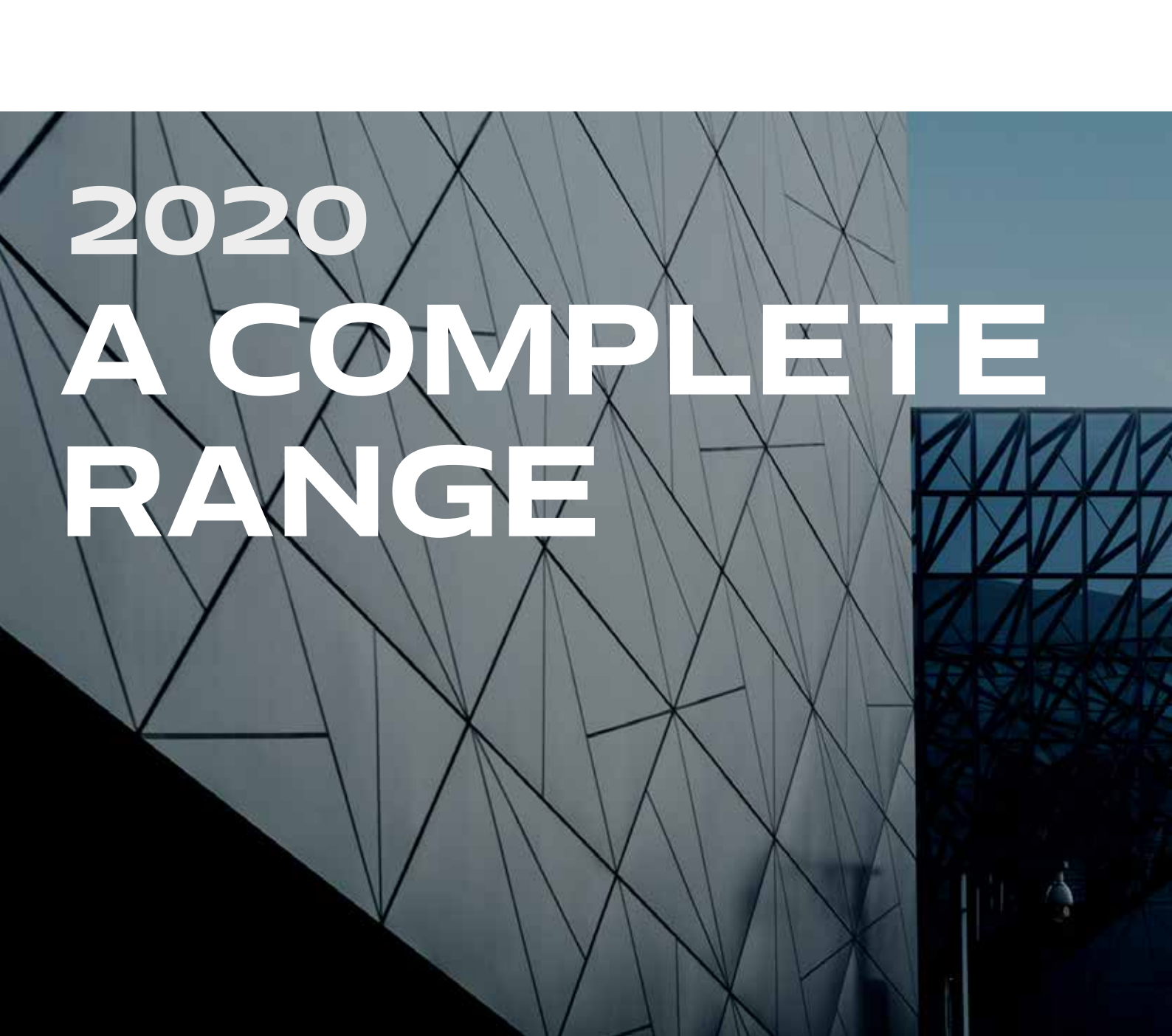
CHIC



Mirko Scheda
Product Manager

The C.H.I.C. project was a challenging one on a number of levels. The technical solutions that we adopted needed to be innovative—and therefore patented—to make an impact on the market. They also had to make use of new materials not commonly used in the aluminium casement sector. Finally, the most difficult challenge was to miniaturise the components and conceal them inside the profile.





2020 A COMPLETE RANGE

THE C.H.I.C. PRODUCT LINE IS EXPANDING.

The expertise we acquired with the development of **C.H.I.C. 100 kg** enabled us to develop an ever-expanding range with **C.H.I.C. 130 kg**, also for sash and tilt-and-turn windows, and subsequently **C.H.I.C. Bottom-Hung**, for bottom-hung windows, and **C.H.I.C. Door**, for entrance gates and doors.

It is a common misconception that style and performance cannot go hand-in-glove. On the contrary, the C.H.I.C. range reduces the sash and frame profile while introducing a series of practical advantages, including: a wide opening sash; side, height and compression adjustment; and, for tilt-and-turn windows, micro-ventilation as standard and the possibility of Logica safety openings.



Mirko Scheda
Product Manager

It hasn't been an easy road. We carried out hundreds of tests and, as often happens, we faced various failures that enabled us to understand better and make improvements where necessary. The results are now there for all to see. And today they're better than ever, with the addition of new, increasingly high performance products to the range, based on the solid foundations laid in recent years: hinges for 250 kg bottom-hung windows and hinges for 160 kg doors.



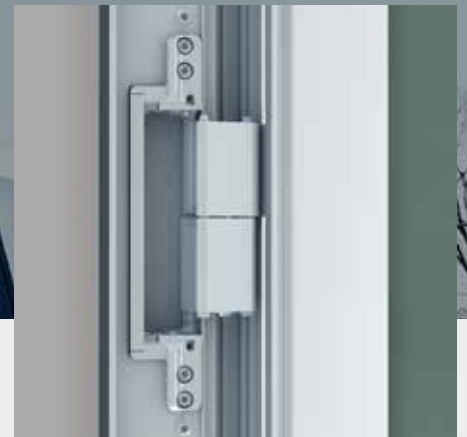
Tilt-and-turn and side-hung sash

- Load capacity 100 kg or 130 kg
- 180° opening
- 3D adjustment
- Micro-ventilation as standard (tilt-and-turn)
- Same product for Standard and Logica (tilt-and-turn)



Bottom-hung window

- 250 kg load capacity
- Max sash width 2.5 m
- Height and compression adjustments
- Sash rest elements to relieve weight with closed sash
- 180° opening for easier installation



Doors

- 160 kg load capacity
- 105° opening
- 3D adjustment
- Silver and Black finishes

A MINIMALIST BUILDING

Leveraging the strength of its brands, SchlegelGiesse strives to be a 360° partner, a one-stop solution provider with compatible products designed to offer a complete, integrated and harmonious system for all the windows and doors of a building. By combining **Giesse** hardware with **Schlegel** gaskets and **Reguitti** designer handles, it is possible to create high-performance minimalist windows exclusively using SchlegelGiesse accessories.

 **GIESSE**



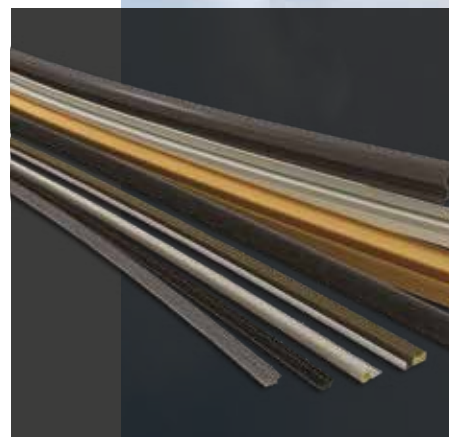
Giesse handles

REGUITTI

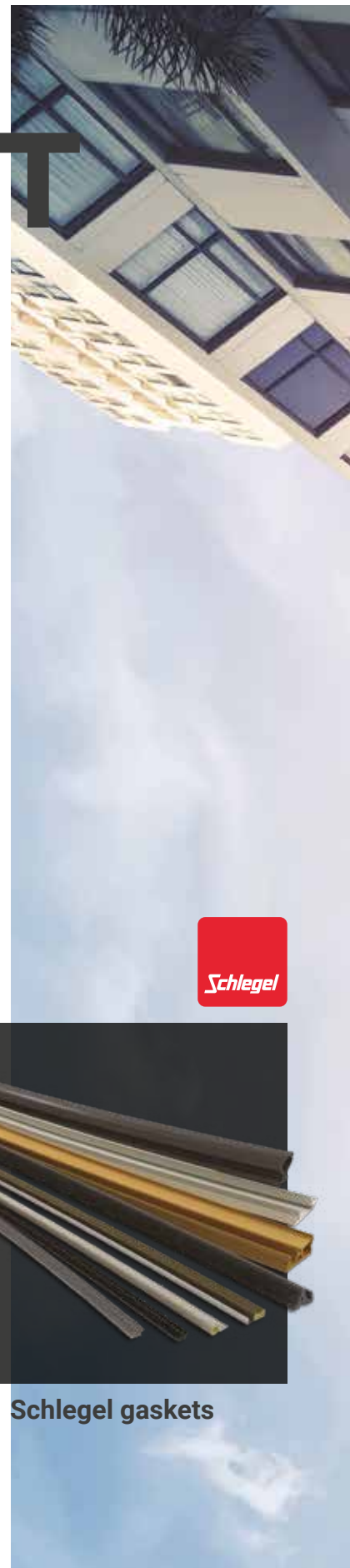


Reguitti handles

 **Schlegel**



Schlegel gaskets





Massimiliano Palumbo

Business Development

The latest architectural solutions require large glazed surfaces combined with minimalist-style window frames. Minimalist windows are currently the only solution that can ensure maximum glass exposure and aesthetic appeal, as well as performance characteristics that comply with building regulations.

For our part, investing in the development of technology to produce these highly innovative solutions has allowed us to extend this technology to our entire range of products for different types of customer.

REFERENCES



EXPO 2020 Thematic District
Dubai, UAE



Hotel Casa Colomera
Córdoba, Spain



Central Balat housing project
Bursa, Turkey



Shun Tong Building
Ji'nan, China



Ambassador Hotel
Split, Croatia



Residencial 75 Aniversario
Sevilla, Spain

THE C.H.I.C. RANGE



Tilt-and-turn single sash (standard and Logica tilt-first)

Description	Article	Notes
C.H.I.C. 100 kg		
C.H.I.C. – Kit T/T Hinges + T1 RH arm	043550001	L = 470 ÷ 700 mm
C.H.I.C. – Kit T/T Hinges + T1 LH arm	043550002	L = 470 ÷ 700 mm
C.H.I.C. – Kit T/T Hinges + T1 RH arm without micro-ventilation	043590001	L = 445 ÷ 470 mm
C.H.I.C. – Kit T/T Hinges + T1 LH arm without micro-ventilation	043590002	L = 445 ÷ 470 mm
C.H.I.C. – Kit T/T Hinges + T2 RH arm	043560001	L = 600 ÷ 1500 mm
C.H.I.C. – Kit T/T Hinges + T2 LH arm	043560002	L = 600 ÷ 1500 mm
C.H.I.C. 130 kg		
C.H.I.C. – Kit T/T Hinges + T1 RH arm	044250001	L = 470 ÷ 700 mm
C.H.I.C. – Kit T/T Hinges + T1 LH arm	044250002	L = 470 ÷ 700 mm
C.H.I.C. – Kit T/T Hinges + T2 RH arm	044260001	L = 600 ÷ 1600 mm
C.H.I.C. – Kit T/T Hinges + T2 LH arm	044260002	L = 600 ÷ 1600 mm

Tilt-and-turn double sash (standard and Logica tilt-first)

Description	Article	Notes
C.H.I.C. 100 kg		
C.H.I.C. – RH Secondary Sash Hinge Kit	043540001	L = 445 ÷ 1500 mm
C.H.I.C. – LH Secondary Sash Hinge Kit	043540002	L = 445 ÷ 1500 mm
C.H.I.C. 130 kg		
C.H.I.C. – RH Secondary Sash Hinge Kit	044240001	L = 470 ÷ 1600 mm
C.H.I.C. – LH Secondary Sash Hinge Kit	044240002	L = 470 ÷ 1600 mm
Fastening element	04358	H > 1200 mm



Side-hung single sash

Description	Article	Notes
C.H.I.C. 100 kg		
C.H.I.C. – RH Side-Hung Sash Hinge Kit	043540001	L = 445 ÷ 1500 mm
C.H.I.C. – LH Side-Hung Sash Hinge Kit	043540002	L = 445 ÷ 1500 mm
C.H.I.C. 130 kg		
C.H.I.C. – RH Side-Hung Sash Hinge Kit	044240001	L = 470 ÷ 1600 mm
C.H.I.C. – LH Side-Hung Sash Hinge Kit	044240002	L = 470 ÷ 1600 mm
Fastening element	04358	H > 1200 mm



Bottom-hung window

Description	Article	Notes
C.H.I.C. Bottom-hung 250 kg		
C.H.I.C. – Bottom-Hung Window Hinge Kit	04362	L < 1500 mm
C.H.I.C. – Bottom-Hung Lifting Element	04363	L > 1500 mm



Entrance door

Description	Article	Notes
C.H.I.C. Door 160 kg		
C.H.I.C. Door – Right ambidextrous hinge (pre-assembled)	00750020	Colore silver
C.H.I.C. Door – Right ambidextrous hinge (pre-assembled)	00750190	Colore black



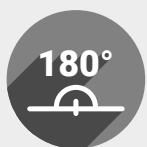
Max load capacity 100 kg or 130 kg

A maximum load capacity compatible with most application needs for all housing, residential and public building solutions. C.H.I.C. for bottom-hung windows can support up to 250 kg.



Simple, quick and easy assembly

Fewer components and assembly stages mean faster and simpler production.



180° opening

C.H.I.C. allows a 180° opening for both side-hung and tilt-and-turn sashes.



3D hinge adjustment

Door height, side and compression adjustment is possible, either in the workshop or after the window has been installed.



Microventilation

As standard on Tilt-and-Turn. By turning the handle 135° the sash opens by a few millimeters, allowing for a constant air flow that minimizes condensation inside the building.



Storage optimisation

With the hardware concealed inside the profile, C.H.I.C. simplifies warehouse organisation by completely eliminating the need to manage finishes.



North America



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www.amesburytruth.com

UK and Ireland



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www.erahomesecurity.com

International



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www.schlegelgiesse.com



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