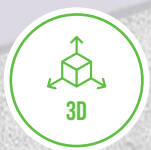




L'EVOLUZIONE INVISIBILE  
THE INVISIBLE EVOLUTION



## WEEN HIDE 180

### Soluzione invisibile per tutti i tipi di apertura

### Invisible solution for all opening types



La nuova **WEEN HIDE 180** è la soluzione di **Master Italy** per sistemi **anta ribalta, battente e vasistas** in grado di soddisfare tutti i requisiti di **portata, estetica, funzionalità e durabilità**.

**WEEN HIDE 180** è la versione più evoluta e performante del **PROGRAMMA WEEN** con un design essenziale dotato di **cerniere a scomparsa con apertura a 180°** utilizzabili per realizzare **tutte le tipologie di apertura**.

Le nuove cerniere HIDE 180 sono progettate per **portate fino a 130 kg con apertura a 180°** ed è possibile arrivare **fino a 150 kg limitando l'apertura**.

Facile e veloce da assemblare grazie al **sistema d'installazione con aggancio rapido dei componenti**. La **qualità dei materiali utilizzati** garantisce durata ed affidabilità del prodotto nel tempo.

Le nouveau **WEEN HIDE 180** est la solution de **Master Italy** pour les **systèmes oscillo-battants, battants et vasistas** capables de satisfaire toutes les exigences de **capacité, d'esthétique, de fonctionnalité et de durabilité**.

**WEEN HIDE 180** est la version la plus avancée et la plus performante du **PROGRAMME WEEN** avec un design essentiel équipé de paumelles cachées avec ouverture à 180° qui peuvent être utilisées pour créer tous les types d'ouverture.

Les nouvelles paumelles HIDE 180 sont conçues pour des capacités **jusqu'à 130 kg avec ouverture à 180°** et il est possible d'atteindre **jusqu'à 150 kg en limitant l'ouverture**.

Montage simple et rapide grâce au système **d'installation avec accouplement rapide des composants**. La **qualité des matériaux utilisés** garantit la durabilité et la fiabilité du produit dans le temps.

The new **WEEN HIDE 180** is **Master Italy's** solution for **tilt and turn, casement and bottom hung opening** capable of satisfying all the requirements of **capacity, aesthetics, functionality and durability**.

**WEEN HIDE 180** is the most advanced and performing version of the **WEEN PROGRAM** with an essential design equipped with **concealed hinges with 180° opening** that can be used to create **all types of opening**.

The new HIDE 180 hinges are designed for capacities **up to 130 kg with opening at 180°** and it is possible to reach **up to 150 kg by limiting the opening**.

Quick and easy to assemble thanks to the **installation system with quick coupling of the components**. The **quality of the materials** used guarantees durability and reliability of the product over time.

La nueva **WEEN HIDE 180** es la solución de **Master Italy** para **sistemas oscilobatientes, batientes y vasistas** capaz de satisfacer todos los requisitos de **capacidad, estética, funcionalidad y durabilidad**.

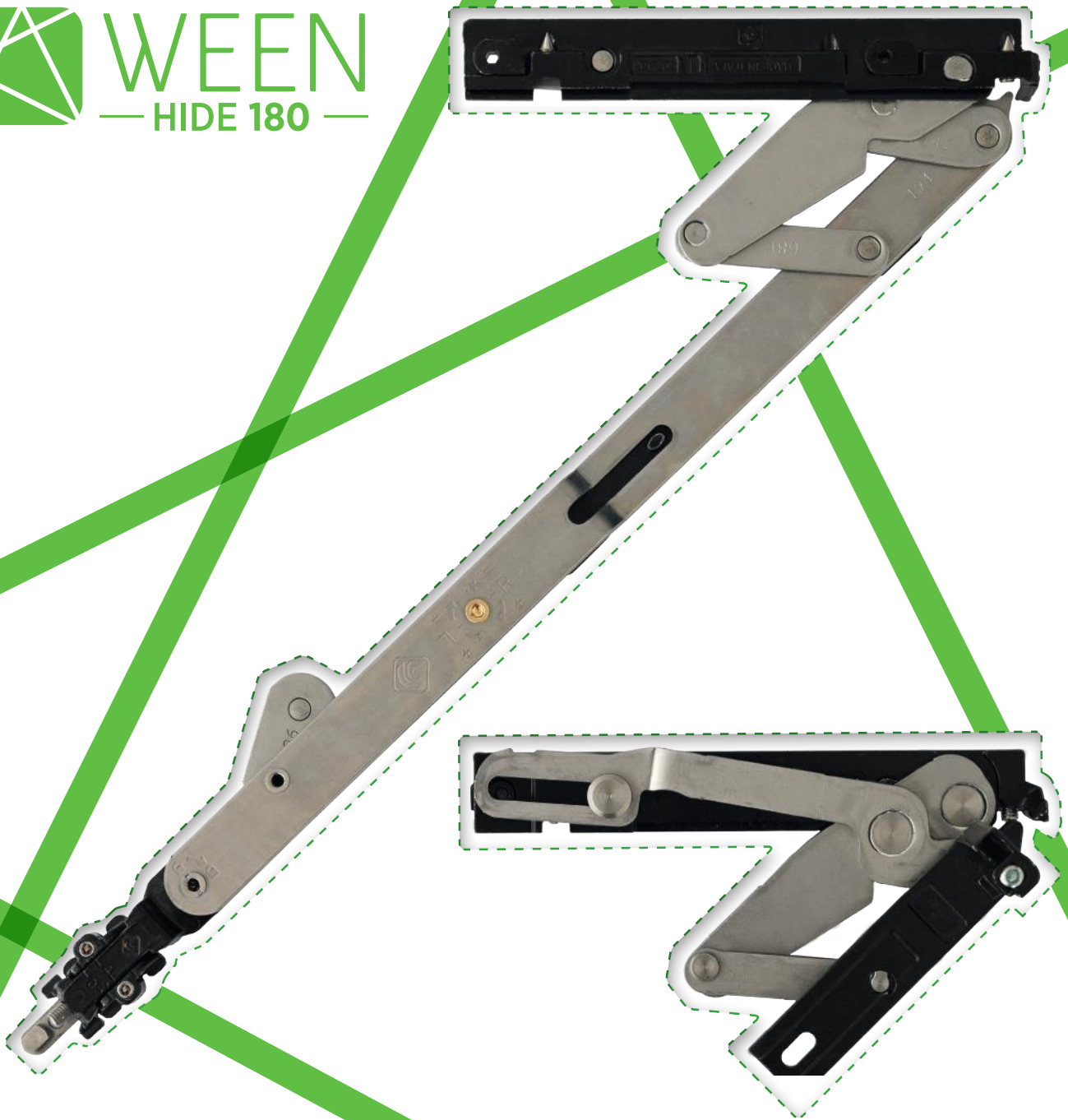
**WEEN HIDE 180** es la versión más avanzada y eficaz del **PROGRAMA WEEN** con un diseño esencial equipado con **bisagras ocultas con apertura de 180°** que se puede utilizar para crear **todo tipo de apertura**.

Las nuevas bisagras HIDE 180 están diseñadas para capacidades de **hasta 130 kg con apertura a 180°** y es posible llegar hasta **150 kg limitando la apertura**.

Rápido y fácil de montar gracias al sistema de **instalación con enganche rápido de los componentes**. La **calidad de los materiales** utilizados garantiza la durabilidad y fiabilidad del producto a lo largo del tiempo.



**WEEN**  
— HIDE 180 —



## Punti di forza Strenght



**PORTATA 150kg**  
LOAD CAPACITY 150kg  
PORTEE 150kg  
CARGA 150kg



**REGOLAZIONI 3D**  
3D AJUSTEMENTS  
RÉGLAGES 3D  
AJUSTES 3D



**AGGANCIO RAPIDO**  
QUICK ASSEMBLY  
MONTAGE RAPIDE  
MONTAJE RÁPIDO



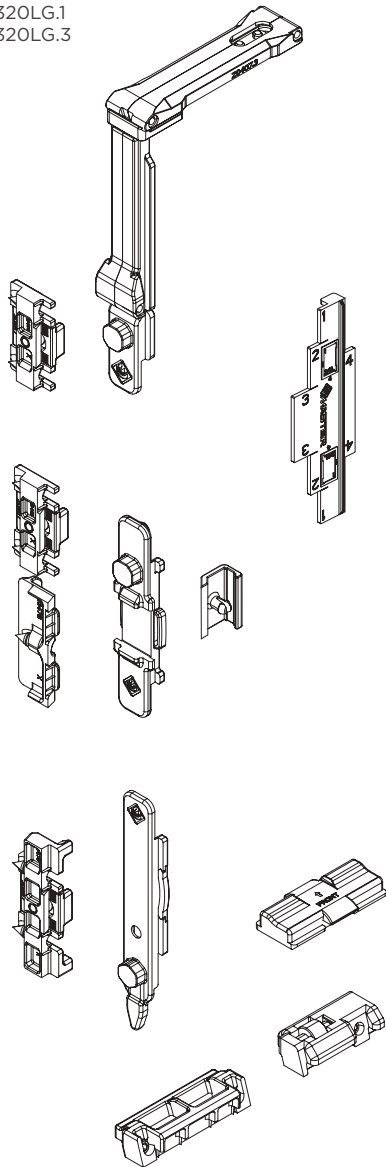
**DURABILITÀ**  
DURABILITY  
DURABILITÉ  
DURABILIDAD

# Anta principale

## Main sash

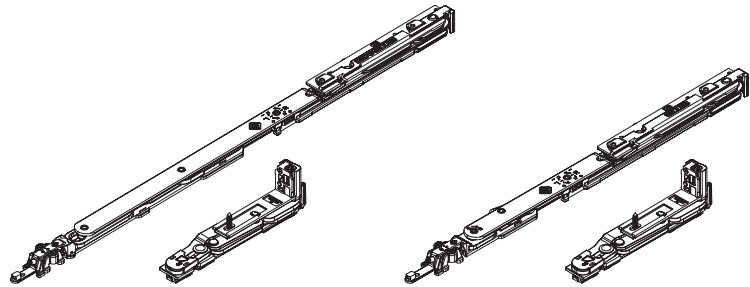
### KIT CHIUSURA KIT DE FERMETURE CLOSING KIT KIT DE CIERRE

3320F.1  
3320F.2  
3320F.3  
3320F.4  
3320LF.1  
3320LF.3  
3320G.1  
3320G.3  
3320LG.1  
3320LG.3



### GRUPPO CERNIERE HINGES GROUP

### GRUPE DE PAUMELLES GRUPO DE BISAGRAS

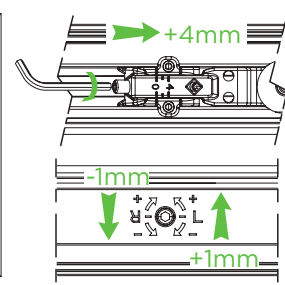
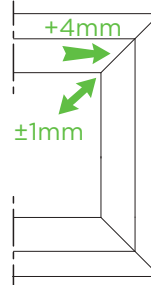


3304.11S/D  
(3304.21S/D+3304S/D)

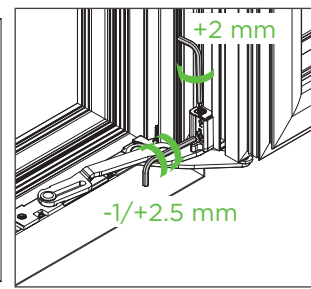
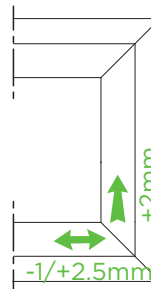
3304.10S/D  
(3304.20S/D+3304S/D)

### REGOLAZIONI ADJUSTEMENTS RÉGLAGES AJUSTES

CERNIERA SUPERIORE  
UPPER HINGE  
PAUMELLE SUPÉRIEURE  
BISAGRA SUPERIOR



CERNIERA INFERIORE  
LOWER HINGE  
PAUMELLE INFÉRIEURE  
BISAGRA INFERIOR

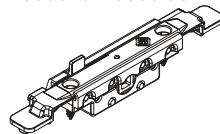


### MOVIMENTAZIONI MOVEMENTS

### GRUPE DE PAUMELLES GRUPO DE BISAGRAS

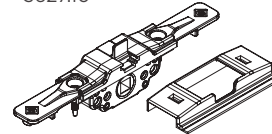
ENTRATA 3,3  
ENTRY 3,3

3630 3630.20  
3630.10 3630.30



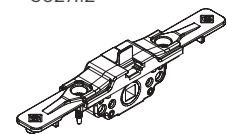
ENTRATA 9,5  
ENTRY 9,5

3627  
3627.10

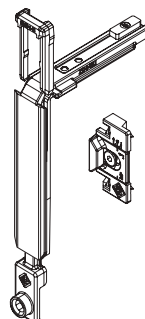


ENTRATA 11,5  
ENTRY 11,5

3627.2  
3627.12

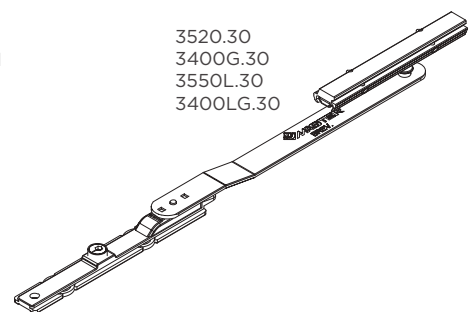


### BRACCIO E CHIUSURE SUPPLEMENTARI ADDITIONAL ARM AND CLOSING KIT BRAS SUPPLÉMENTAIRE ET KIT DE FERMETUR KIT BRAZO Y CIERRE ADICIONAL



3420F.31  
3400F.31

3520.30  
3400G.30  
3550L.30  
3400LG.30

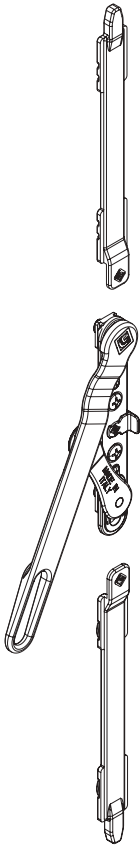


# Anta affiancata

## Inactive sash

**KIT CATENACCI** KIT DE VERROUS  
LATCHES KIT KIT DE PASADORES

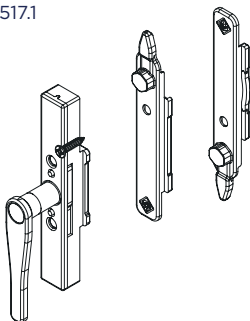
4515.1



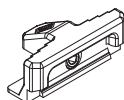
3420.34



4517.1

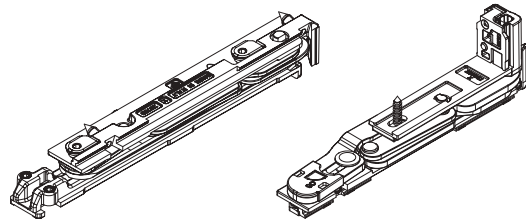


4208



**GRUPPO CERNIERE**  
HINGES GROUP

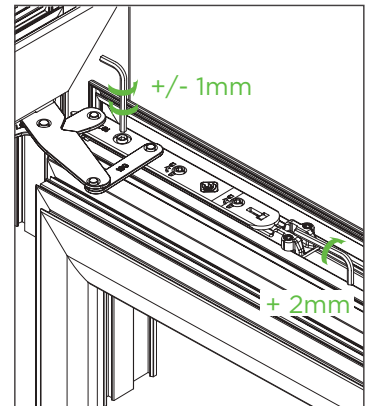
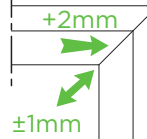
**GROUPE DE PAUMELLES**  
GRUPO DE BISAGRAS



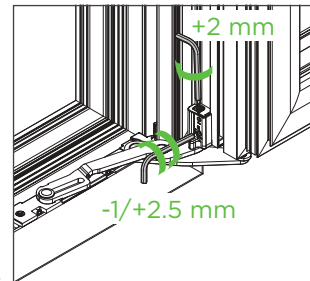
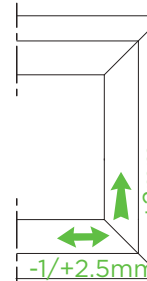
3304.12S/D  
(3304.71S/D+3304S/D)

**REGOLAZIONI**  
ADJUSTEMENTS  
RÉGLAGES  
AJUSTES

**CERNIERA A SUPERIORE PER BATTENTE**  
UPPER HINGE FOR CASEMENT  
PAUMELLE SUPERIEURE POUR BATTANT  
BISAGRA SUPERIOR PARA BATTIENTE.



**CERNIERA INFERIORE**  
LOWER HINGE  
PAUMELLE INFERIEURE  
BISAGRA INFERIOR



**GUARDA IL VIDEO SU MASTERTUBE**  
WATCH VIDEO ON MASTERTUBE  
REGARDER LA VIDÉO SUR MASTERTUBE  
MIRA EL VIDEO EN MASTERTUBE



**SCOPRI IL PROGRAMMA WEEN**  
DISCOVER WEEN PROGRAM  
DÉCOUVREZ LE PROGRAMME WEEN  
DESCUBRE EL PROGRAMA WEEN



PROGRAMMA PER LA VALUTAZIONE  
DELL'IMPRONTA AMBIENTALE



MINISTERO DELLA  
TRANSIZIONE ECOLOGICA



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info@masteritaly.com

 [masteritaly.com](http://masteritaly.com)

 Master Italy

 Master Italy

 MasterTube

# PROGRAMMA CERNIERE



La gamma completa di cerniere per tutte le soluzioni

The complete range of hinges for all opening solutions

Massima possibilità di personalizzazione - Marcatatura CE

Maximum customization options - CE marked







01

**CERNIERE PORTA**  
**DOOR HINGES**  
pag. 4

**CILINDR:KA**

Cerniera filiforme per porte  
ad aggancio rapido  
*Fast mounting barrel hinge  
for doors*  
pag. 5

**SLIMRAPID**

Cerniera per porte  
con piastrina ad infilare  
*Adjustable door hinge with  
threaded plate*  
pag. 7

**DINAMIKA**

Cerniera per porte 200Kg  
*Door hinge 200Kg*  
pag. 9

02

**CERNIERE FINESTRA**  
**WINDOW HINGES**  
pag. 31

**TOPSPIN**

Cerniera a pettine  
*Comb hinge*  
pag. 26

**TOPRAPID+**

Cerniera ad aggancio rapido  
*Fast mounting hinge*  
pag. 29

03

**NODI E FINITURE**  
**SECTIONS AND FINISHES**  
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# **CERNIERE PORTA**


*DOOR HINGES*


# CILINDRIKA


## CERNIERA FILIFORME PER PORTE AD AGGANCIAMENTO RAPIDO




Cerniera filiforme per porte ad aggancio rapido | Fast mounting barrel hinge for doors | Paumelle filiforme pour portes à accrochage rapide | Bisagra filiforme enganche rápido para puertas

 Cerniera e piastrina lato anta in alluminio estruso, piastrine lato telaio, perno, eccentrico regolatore altezza, viti e grani in acciaio inox; nottolino regolazione pressione in zamak; Boccola e basette di regolazione in nylon

 Hinge and plate in extruded aluminum, plates frame side, pin, eccentric height regulator, screws, stainless steel grains; adjustment pawl in zamak; bush and adjustment bases in nylon

 Paumelle et contreplaqué côté vantail en aluminium extrudé, contreplaqué côté dormant, axe, excentrique pour réglage hauteur, vis, grains en acier inox; cliquet de réglage pression en zamak; douille et cales de réglage en nylon

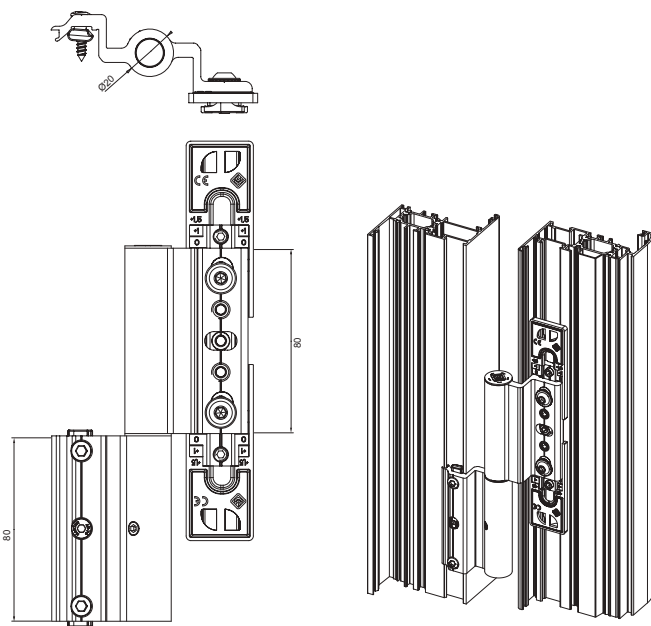
 Bisagra y placa lado hoja de aluminio, placas lado marco en aluminio extrudidos, pernio, excéntrico regulador altura, tornillos, granos de acero inoxidable; ajuste presión en zamak; casquillo y bases de ajuste de nylon.



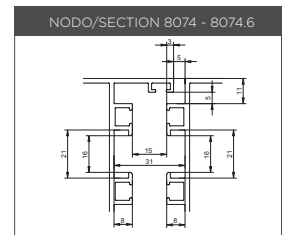
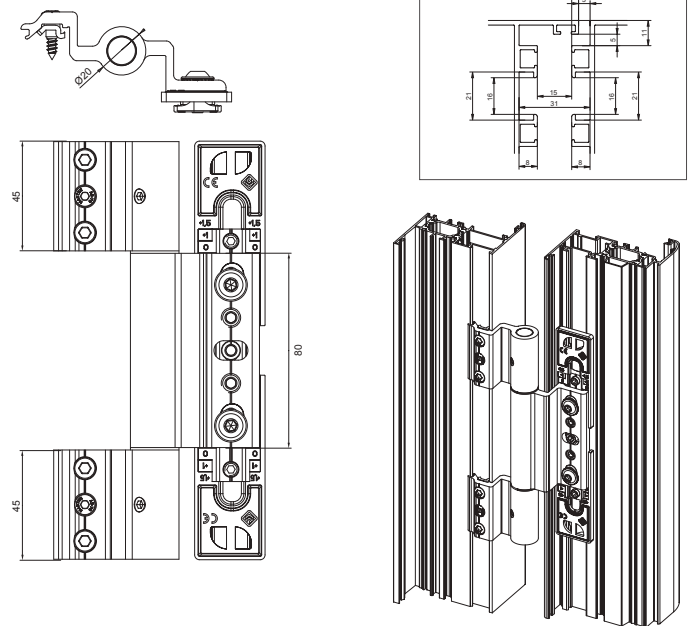
ART.	8072   8073   8074   8075	8072.6   8073.6   8074.6   8075.6
Imballo   Package   Conditionnement   Embalaje	20 PZ	
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1 2 3 4	1 2 3 4

ART.		
DUE ALI TWO WINGS	TRE ALI THREE WINGS	NODO SECTION
8072	8072.6	A01 - A02
8073	8073.6	A08
8074	8074.6	CUSTOM
8075	8075.6	B01 - B02

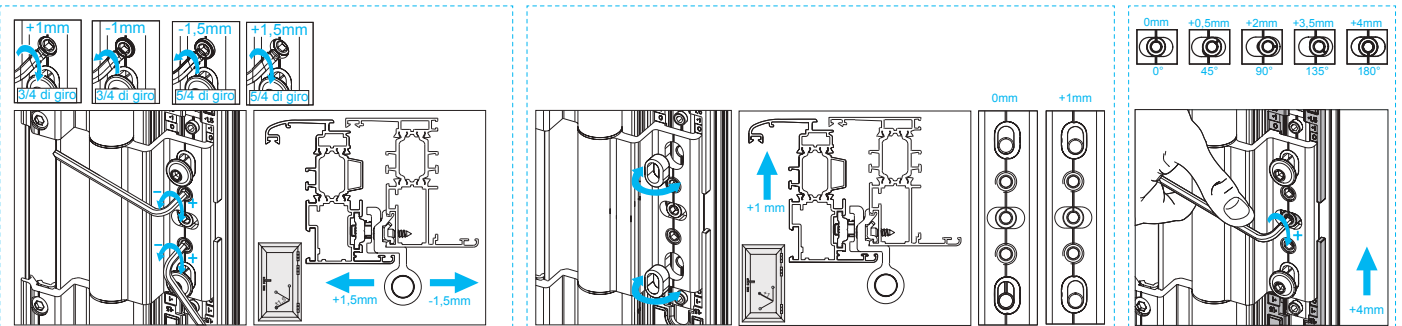
DUE ALI | TWO WINGS  
Art. 8072 | 8073 | 8074 | 8075



TRE ALI | THREE WINGS  
Art. 8072.6 | 8073.6 | 8074.6 | 8075.6



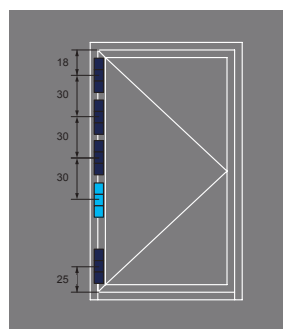
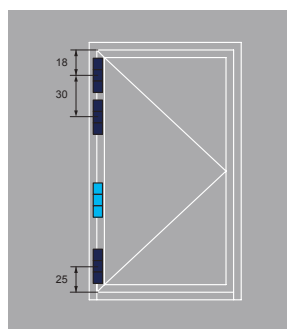
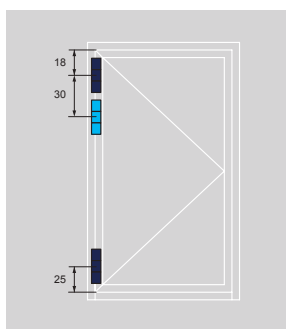
### REGOLAZIONI | ADJUSTMENT



H	4000	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3900	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3800	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3700	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3600	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3500	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3400	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3300	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3200	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3100	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3000	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	2900	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	2800	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	2700	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	2600	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	2500	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%
	2400	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%
	2300	100%	100%	100%	100%	100%	100%	100%	100%	100%	93%	84%
	2200	100%	100%	100%	100%	100%	100%	100%	100%	97%	87%	78%
2100	100%	100%	100%	100%	100%	100%	100%	100%	90%	80%	71%	
2000	100%	100%	100%	100%	100%	100%	100%	94%	83%	73%	65%	
		600	700	800	900	1000	1100	1200	1300	1400	1500	1600
		L										

Indipendentemente dal peso della porta, per porte sottoposte ad un intenso utilizzo come nel caso di edifici aperti al pubblico, porte con chiudiporta o porte ad azionamento motorizzato il limite di impiego è limitato a H 3000 e L 1400 con l'utilizzo della terza o quarta cerniera (cerniera azzurra) come da diagramma.

Whatever the door weight, doors subject to heavy duty, such as public building, doors with closers or automatic doors have a limited range of application limited to H 3000 and L 1400 and must be fitted with an addition hinge (light blue hinge) as in the diagram.



ART	ALI WINGS	PORTATA LOAD CAPACITY
8072	■	100% = 140kg
8072.6	■	100% = 160 kg
8073	■	100% = 120kg
8073	■	100% = 140kg
8075	■	100% = 120kg
8075.6	■	100% = 140kg
8074	■	100% = 120kg
8074.6	■	100% = 140kg

- Esempio
1. Dim. LxH (WxH) 1200x2200 = 100% Portata 2 cerniere (Load Capacity 2 hinges)
  2. Dim. LxH (WxH) 1600x2200 = 100% Portata 3 cerniere (Load Capacity 3 hinges)
  3. Dim. LxH (WxH) 1400x3300 = 100% Portata 4 cerniere (Load Capacity 4 hinges)

I diagrammi hanno validità per spessore profili | Load charts is for profiles thickness) ≥ a 1,7 mm

# SLIM RAPID

## CERNIERA PER PORTE REGISTRABILE CON PIASTRINA AD INFILARE



Cerniera per porte registrabile con piastrina ad infilare | Adjustable door hinge with threaded plate | Paumelle pour portes réglable avec plaque a enfiler | Bisagra para puertas regulables con placa a insertar



Cerniera e piastrine in alluminio estruso; perno, viti e grani in acciaio inox; boccola e rondelle in nylon.



Hinge and plates in extruded aluminum; stainless steel pin, screws and setscrews; nylon bushing and washers.



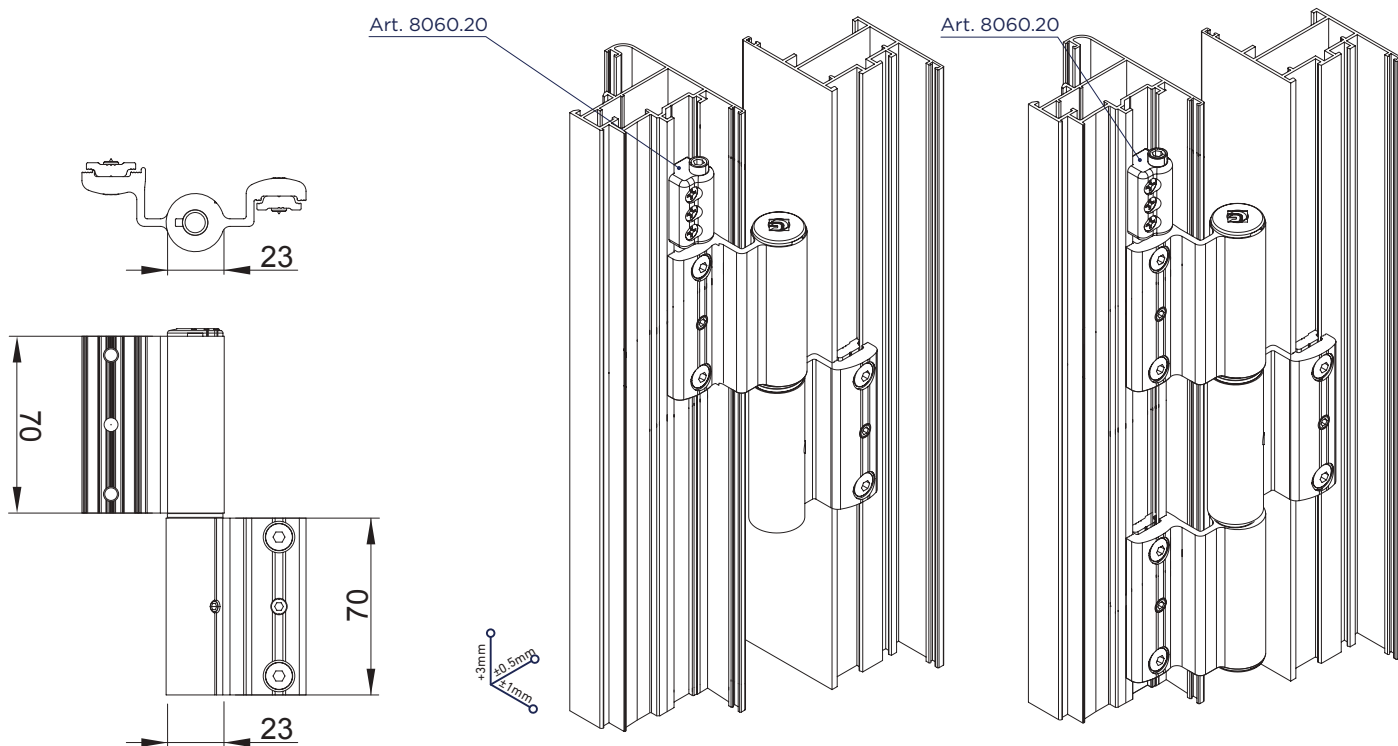
Paumelle et plaques en aluminium extrudé; pivot, vis et grains en acier inox; bague et rondelles en nylon.



Bisagra y placas de aluminio extruido; perno tornillos y prisioneros de acero inox; casquillo y arandelas de nylon.

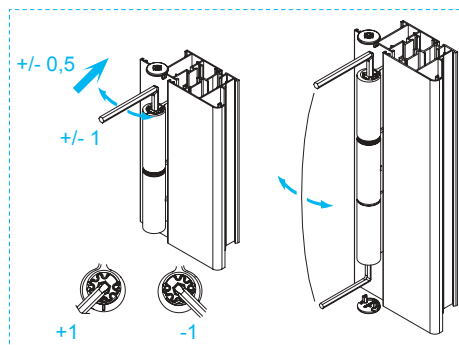
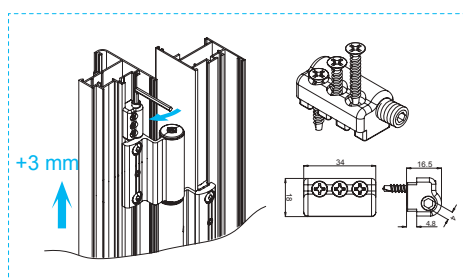


ART.	8060   8061   8062   8063   8064   8066	8060.20	8060.6   8061.6   8062.6   8063.6   8064.6   8066.6
Imballo   Package   Conditionnement   Embalaje	20 Pz		4 Pz
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1 2 3 4	1 2 3 4	1 2 3 4



Regolazione pressione fuga  
Horizontal and pressure adjuster

Art. 8060.20  
Regolatore di altezza | Vertical adjuster



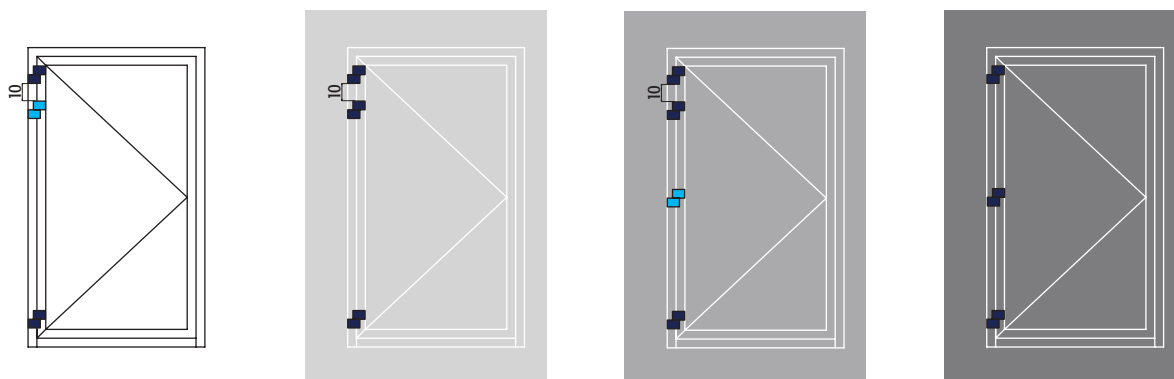
2 Ali 2 Wings	3 Ali 3 Wings	NODO SECTION
8060	8060.6	A01 - A02 - A20 A21 - A22
8061	8061.6	A08
8062	8062.6	B04
8063	8063.6	A11 - A12
8064	8064.6	A05 - A06
8066	8066.6	A03 - A04

## SLIM RAPID 806X

<b>H</b>	3000	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	2900	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	81%
	2800	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	75%
	2700	100%	100%	100%	100%	100%	100%	100%	100%	100%	80%	69%
	2600	100%	100%	100%	100%	100%	100%	100%	100%	100%	73%	63%
	2500	100%	100%	100%	100%	100%	100%	100%	100%	79%	67%	56%
	2400	100%	100%	100%	100%	100%	100%	100%	85%	71%	60%	50%
	2300	100%	100%	100%	100%	100%	100%	100%	77%	64%	53%	50%
	2200	100%	100%	100%	100%	100%	100%	83%	69%	57%	50%	50%
	2100	100%	100%	100%	100%	100%	100%	75%	62%	50%	50%	50%
	2000	100%	100%	100%	100%	100%	82%	67%	54%	50%	50%	50%
	1900	100%	100%	100%	100%	100%	73%	58%	50%	50%	50%	N.D.
1800	100%	100%	100%	100%	80%	64%	50%	50%	50%	N.D.	N.D.	
1700	100%	100%	100%	100%	70%	55%	50%	50%	50%	N.D.	N.D.	
1600	100%	100%	100%	78%	60%	50%	50%	50%	N.D.	N.D.	N.D.	
		600	700	800	900	1000	1100	1200	1300	1400	1500	1600
		<b>L</b>										

Indipendentemente dal peso della porta, per porte sottoposte ad un intenso utilizzo come nel caso di edifici aperti al pubblico, porte con chiudiporta o porte ad azionamento motorizzato il limite di impiego è limitato a H 2400 e L 1000 con l'utilizzo della terza o quarta cerniera (cerniera azzurra) come da diagramma.

Whatever the door weight, doors subject to heavy duty, such as public building, doors with closers or automatic doors have a limited range of application limited to H 2400 and L 1000 and must be fitted with an addition hinge (light blue hinge) as in the diagram.



- Esempio
1. Dim. LxH (WxH) 1200x3000 = 100% Portata 2 cerniere (Load Capacity 2 hinges)
  2. Dim. LxH (WxH) 1600x2200 = 100% Portata 3 cerniere (Load Capacity 3 hinges)
  3. Dim. LxH (WxH) 1400x3000 = 100% Portata 4 cerniere (Load Capacity 4 hinges)

ART	PORTATA LOAD CAPACITY
8060 8063 8064	100% = 120kg
8061 8062	100% = 100kg
8060.6 8063.6 8064.6	100% = 160kg
8061.6 8062.6	100% = 140kg

# DINAMIKA

## CERNIERA A 2 ALI PER PORTE CON REGOLAZIONI INDIPENDENTI



Cerniera per porte | Door hinge  
Paumelle pour portes | Bisagra para puertas



Corpo base cerniera, carter in alluminio estruso. grani di fissaggio in Acciaio Inox AISI 303. Grano di regolazione in Acciaio Zincato. Boccole in Zama. Boccole in Derlyn. Tappi cerniera in materiale plastico (Nylon Pa6).

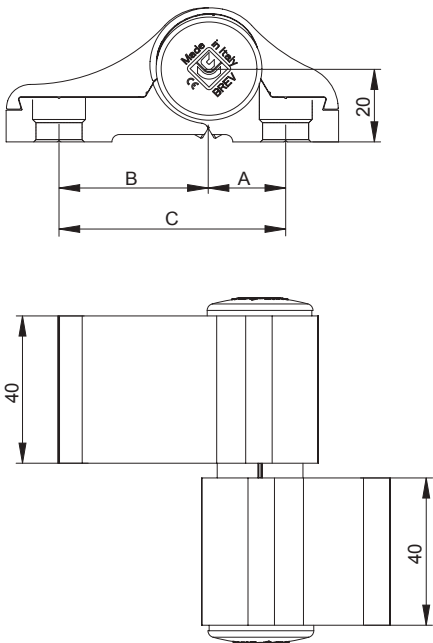
Hinge base body and body in extruded aluminium. locking set screws in stainless steel AISI 303. Galvanized steel adjustment set screw. Zamak bushings. Derlyn Bushings Hinge caps in plastic (Nylon Pa6)

Corps base charnière, carter en aluminium extrudé. goujons de fixation en acier inox AISI 303. Goujon de réglage en acier galvanisé. Bagues en zamac. Bagues en Derlyn. Bouchons charnière en matériau plastique (Nylon Pa6)

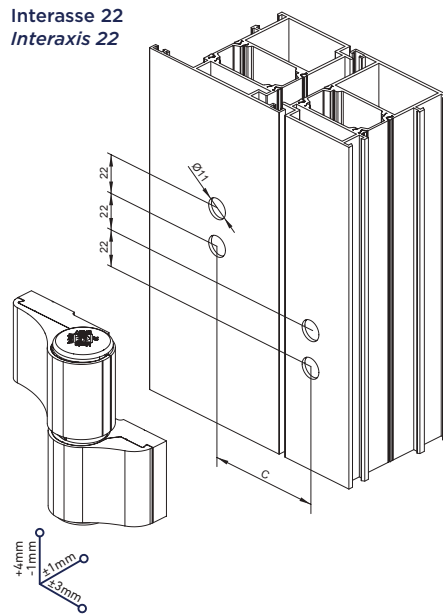
Cuerpo base de bisagra, cárter de aluminio extruido. tornillos prisioneros de fijación de acero inoxidable AISI 303. Tornillo prisionero de regulación de acero galvanizado. Casquillos de Zamak. Casquillos de Derlyn. Tapones bisagra de material plástico (Nailon Pa6)



ART.	8010   8011   8012   8013   8014	8010G   8011G   8012G   8013G   8014G
Imballo   Package   Conditionnement   Embalaje	20 PZ	
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1 2 3 4	1 2 3 4

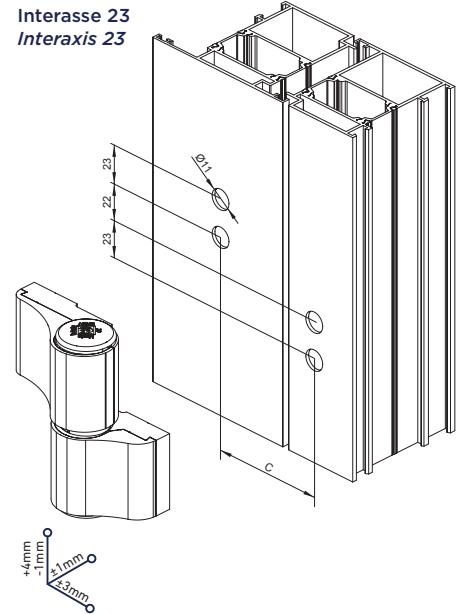


Interasse 22  
Interaxis 22



DINAMIKA 2 ALI DINAMIKA 2 WING			
ART	A	B	C
8010	20.5	39.5	60
8011	20.5	46.5	67
8012	39.5	39.5	79
8013	39.5	46.5	86
8014	46.5	46.5	93

Interasse 23  
Interaxis 23



DINAMIKA 2 ALI DINAMIKA 2 WING			
ART	A	B	C
8010G	20.5	39.5	60
8011G	20.5	46.5	67
8012G	39.5	39.5	79
8013G	39.5	46.5	86
8014G	46.5	46.5	93

# DINAMIKA

## CERNIERA A 3 ALI PER PORTE CON REGOLAZIONI INDIPENDENTI



Cerniera per porte | Door hinge  
Paumelle pour portes | Bisagra para puertas



Corpo base cerniera, carter in alluminio estruso. grani di fissaggio in Acciaio Inox AISI 303. Grano di regolazione in Acciaio Zincato. Boccole in Zama. Boccole in Derlyn. Tappi cerniera in materiale plastico (Nylon Pa6).



Hinge base body and body in extruded aluminium. locking set screws in stainless steel AISI 303. Galvanized steel adjustment set screw. Zamak bushings. Derlyn Bushings Hinge caps in plastic (Nylon Pa6).



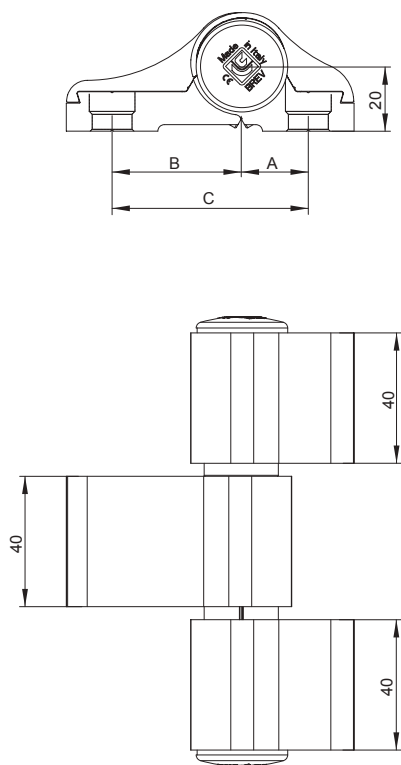
Corps base charnière, carter en aluminium extrudé. goujons de fixation en acier inox AISI 303. Goujon de réglage en acier galvanisé. Bagues en zamac. Bagues en Derlyn. Bouchons charnière en matériau plastique (Nylon Pa6).



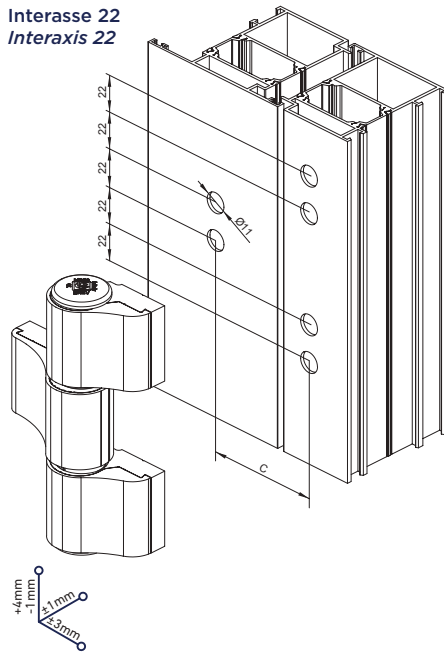
Cuerpo base de bisagra, cárter de aluminio extruido. tornillos prisioneros de fijación de acero inoxidable AISI 303. Tornillo prisionero de regulación de acero galvanizado. Casquillos de Zamak. Casquillos de Derlyn. Tapones bisagra de material plástico (Nylon Pa6).



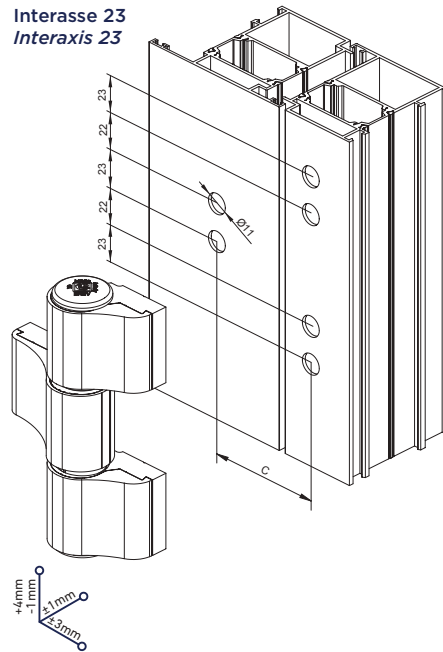
ART.	8010.11   8011.11   8012.11   8013.11   8014.11	8010G.11   8011G.11   8012G.11   8013G.11   8014G.11
Imballo   Package   Conditionnement   Embalaje	8 PZ	
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1 2 3 4	1 2 3 4



Interasse 22  
Interaxis 22



Interasse 23  
Interaxis 23



DINAMIKA 3 ALI DINAMIKA 3 WING			
ART	A	B	C
8010.11	20.5	39.5	60
8011.11	20.5	46.5	67
8012.11	39.5	39.5	79
8013.11	39.5	46.5	86
8014.11	46.5	46.5	93

DINAMIKA 3 ALI DINAMIKA 3 WING			
ART	A	B	C
8010G.11	20.5	39.5	60
8011G.11	20.5	46.5	67
8012G.11	39.5	39.5	79
8013G.11	39.5	46.5	86
8014G.11	46.5	46.5	93



# DINAMIKA

## CERNIERA AD ANGOLO A 2 ALI PER PORTE CON REGOLAZIONI INDIPENDENTI



Cerniera per porte | Door hinge  
Paumelle pour portes | Bisagra para puertas



Corpo base cerniera, carter in alluminio estruso. grani di fissaggio in Acciaio Inox AISI 303. Grano di regolazione in Acciaio Zincato. Boccole in Zama. Boccole in Derlyn. Tappi cerniera in materiale plastico (Nylon Pa6).



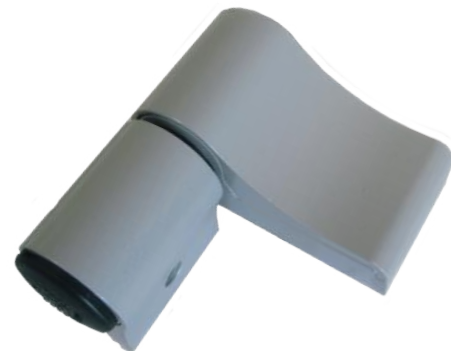
Hinge base body and body in extruded aluminium. locking set screws in stainless steel AISI 303. Galvanized steel adjustment set screw. Zamak bushings. Derlyn Bushings Hinge caps in plastic (Nylon Pa6).



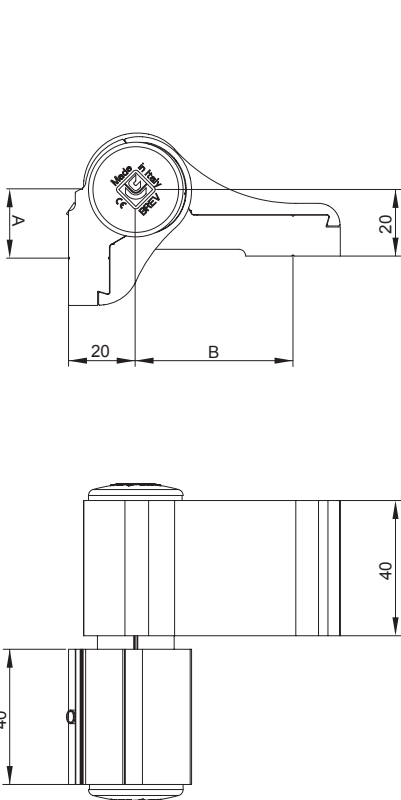
Corps base charnière, carter en aluminium extrudé. goujons de fixation en acier inox AISI 303. Goujon de réglage en acier galvanisé. Bagues en zamac. Bagues en Derlyn. Bouchons charnière en matériau plastique (Nylon Pa6).



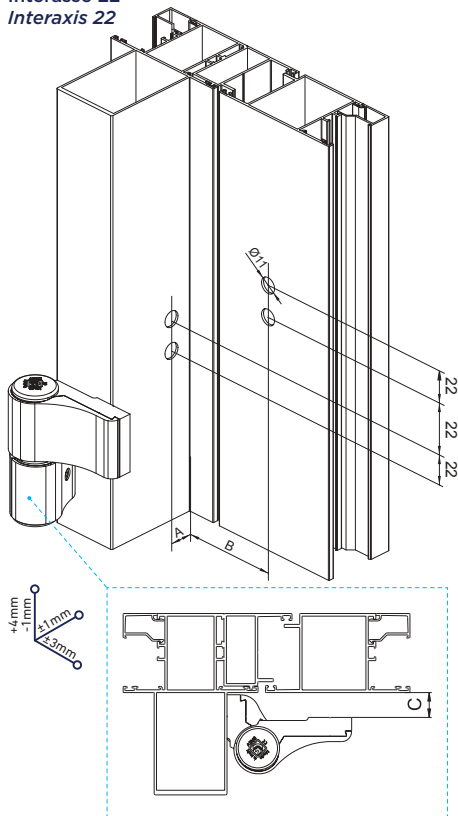
Cuerpo base de bisagra, cárter de aluminio extruido. tornillos prisioneros de fijación de acero inoxidable AISI 303. Tornillo prisionero de regulación de acero galvanizado. Casquillos de Zamak. Casquillos de Derlyn. Tapones bisagra de material plástico (Nylon Pa6).



ART.	8011.50				8011G.50			
Imballo   Package   Conditionnement   Embalaje	20 PZ				2 PZ			
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1	2	3	4	1	2	3	4

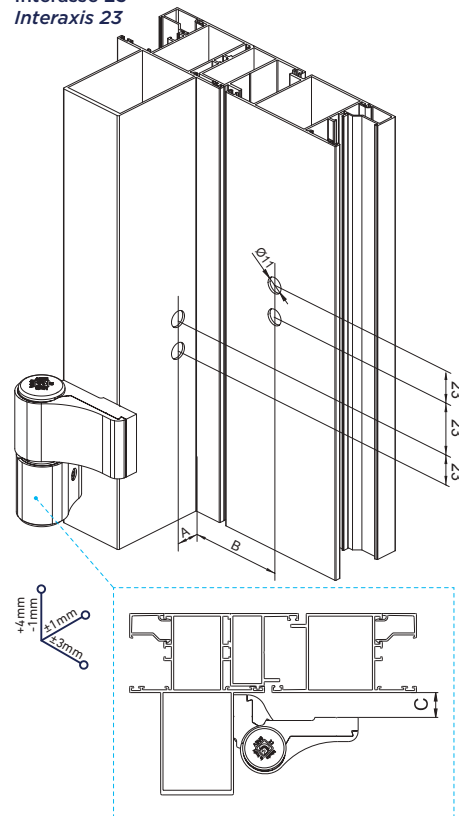


Interasse 22  
Interaxis 22



DINAMIKA 2 ALI DINAMIKA 2 WING			
ART	A	B	C
8011.50	14	46.5	16

Interasse 23  
Interaxis 23



DINAMIKA 2 ALI DINAMIKA 2 WING			
ART	A	B	C
8011G.50	14	46.5	16

# DINAMIKA

## CERNIERA A 3 ALI PER PORTE CON ALA TELAIO RIDOTTA E REGOLAZIONI INDIPENDENTI



Cerniera per porte | Door hinge  
Paumelle pour portes | Bisagra para puertas

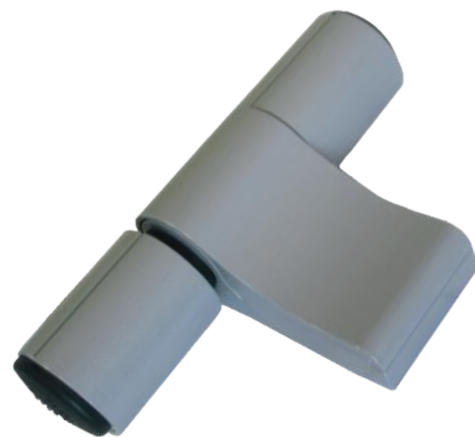


Corpo base cerniera, carter in alluminio estruso. grani di fissaggio in Acciaio Inox AISI 303. Grano di regolazione in Acciaio Zincato. Boccole in Zama. Boccole in Derlyn. Tappi cerniera in materiale plastico (Nylon Pa6).

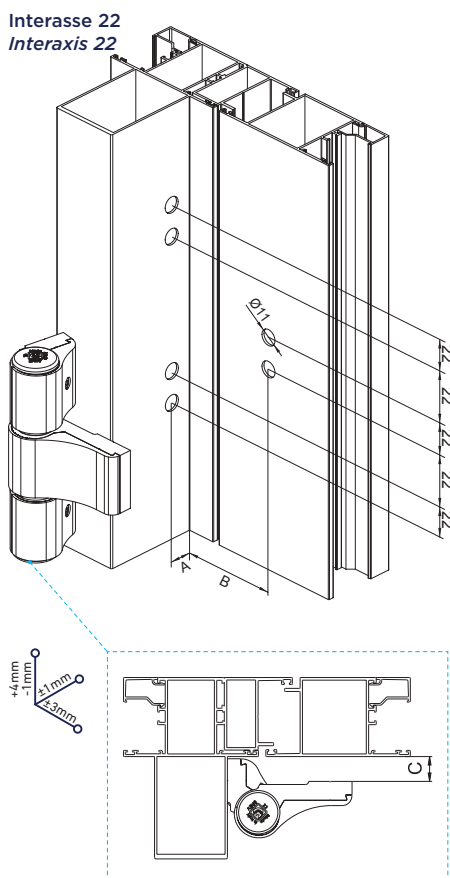
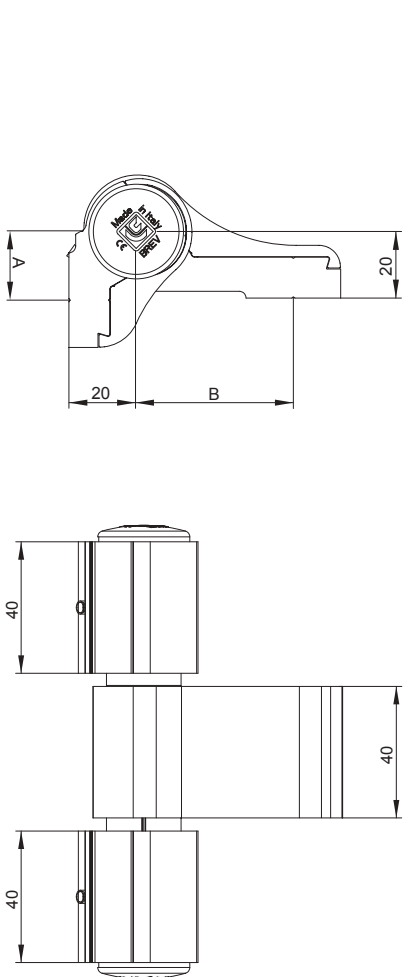
Hinge base body and body in extruded aluminium. locking set screws in stainless steel AISI 303. Galvanized steel adjustment set screw. Zamak bushings. Derlyn Bushings. Hinge caps in plastic (Nylon Pa6).

Corps base charnière, carter en aluminium extrudé. goujons de fixation en acier inox AISI 303. Goujon de réglage en acier galvanisé. Bagues en zamac. Bagues en Derlyn. Bouchons charnière en matériau plastique (Nylon Pa6).

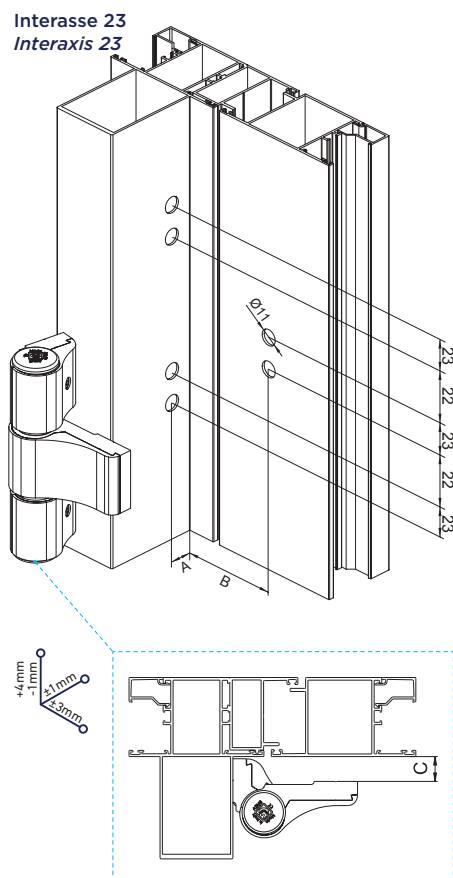
Cuerpo base de bisagra, cárter de aluminio extruido. tornillos prisioneros de fijación de acero inoxidable AISI 303. Tornillo prisionero de regulación de acero galvanizado. Casquillos de Zamak. Casquillos de Derlyn. Tapones bisagra de material plástico (Nylon Pa6).



ART.	8011.51				8011G.51			
Imballo   Package   Conditionnement   Embalaje	8 PZ				2 PZ			
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1	2	3	4	1	2	3	4



DINAMIKA 3 ALI DINAMIKA 3 WING			
ART	A	B	C
8011.51	14	46.5	16



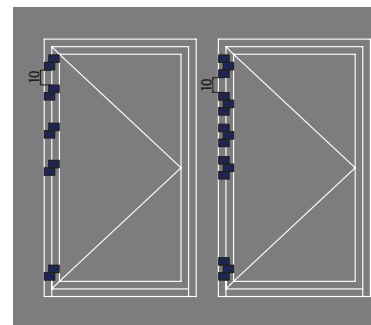
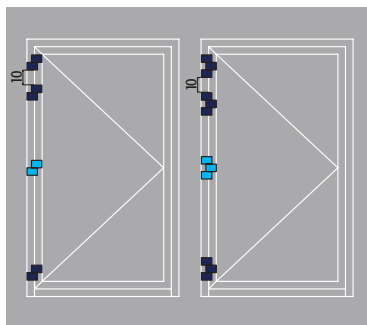
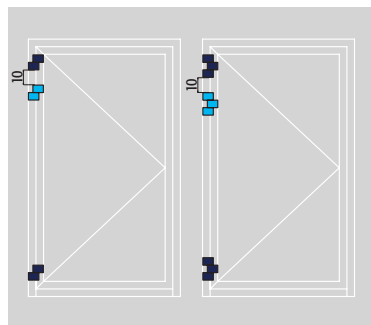
DINAMIKA 3 ALI DINAMIKA 3 WING			
ART	A	B	C
8011G.51	14	46.5	16

H	4000	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3900	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3800	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3700	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3600	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3500	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3400	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3300	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3200	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3100	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	95%
	3000	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98%	90%
	2900	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	93%	85%
	2800	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	87%	80%
	2700	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	90%	82%	75%
	2600	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	93%	84%	77%	70%
	2500	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	87%	79%	72%	65%
	2400	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	81%	73%	66%	60%
	2300	100%	100%	100%	100%	100%	100%	100%	100%	100%	93%	84%	75%	68%	61%	55%
	2200	100%	100%	100%	100%	100%	100%	100%	100%	97%	87%	78%	69%	62%	56%	50%
	2100	100%	100%	100%	100%	100%	100%	100%	100%	90%	80%	71%	64%	57%	51%	45%
2000	100%	100%	100%	100%	100%	100%	100%	94%	83%	73%	65%	58%	51%	45%	40%	
1900	100%	100%	100%	100%	100%	100%	98%	86%	76%	67%	59%	52%	46%	40%	35%	
1800	100%	100%	100%	100%	100%	100%	90%	78%	69%	60%	53%	46%	40%	35%	30%	
1700	100%	100%	100%	100%	100%	95%	82%	71%	61%	53%	46%	40%	34%	29%	25%	
1600	100%	100%	100%	100%	100%	85%	73%	63%	54%	47%	40%	34%	29%	24%	20%	
1500	100%	100%	100%	100%	90%	76%	65%	55%	47%	40%	34%	28%	23%	N.D.	N.D.	
1400	100%	100%	100%	96%	80%	67%	57%	48%	40%	33%	28%	22%	N.D.	N.D.	N.D.	
1300	100%	100%	100%	84%	70%	58%	48%	40%	33%	27%	21%	N.D.	N.D.	N.D.	N.D.	
1200	100%	100%	90%	73%	60%	49%	40%	32%	26%	20%	N.D.	N.D.	N.D.	N.D.	N.D.	
1100	100%	97%	78%	62%	50%	40%	32%	25%	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	
1000	100%	83%	65%	51%	40%	31%	23%	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	
		600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000

### L

Indipendentemente dal peso della porta, per porte sottoposte ad un intenso utilizzo come nel caso di edifici aperti al pubblico, porte con chiudiporta o porte ad azionamento motorizzato il limite di impiego è limitato a H 3000 e L 1400 con l'utilizzo della terza o quarta cerniera (cerniera azzurra) come da diagramma.

Whatever the door weight, doors subject to heavy duty, such as public building, doors with closers or automatic doors have a limited range of application limited to H 3000 and L 1400 and must be fitted with an addition hinge (light blue hinge) as in the diagram.



- Esempio
1. Dim. LxH (WxH) 1200x2200 = 100% Portata 2 cerniere (Load Capacity 2 hinges)
  2. Dim. LxH (WxH) 1600x2200 = 100% Portata 3 cerniere (Load Capacity 3 hinges)
  3. Dim. LxH (WxH) 1400x3300 = 100% Portata 4 cerniere (Load Capacity 4 hinges)

I diagrammi hanno validità per spessore profili | Load charts is for profiles thickness) ≥ a 1,7 mm

ART	PORTATA LOAD CAPACITY
	100% = 160kg
	100% = 200 kg

# GRADINI DINAMIKA

## GRADINI PER CERNIERA PER PORTE



Gradini per Dinamika | Dinamika steps | Etapes de Dinamika | Pasos para Dinamika



Alluminio estruso  
e vite M8 x 40/50



Extruded  
aluminum,  
M8 x 40/50



Aluminium  
extrudé,  
M8 x 40/50



Aluminio  
extruido,  
M8 x 40/50

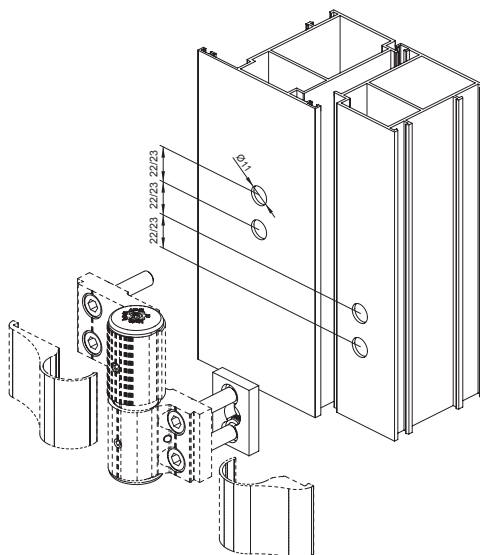
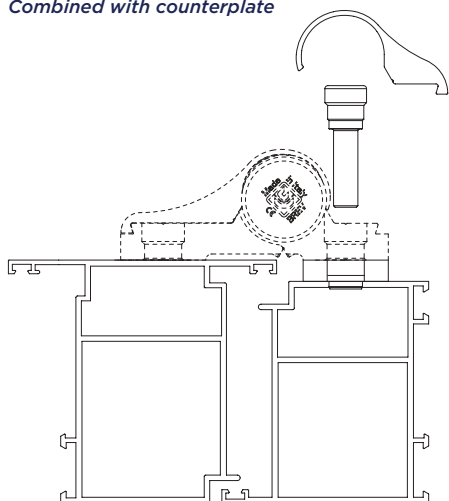


ART.	TUTTI   ALL   TOUS   TODOS			
Imballo   Package   Conditionnement   Embalaje	20 Pz			
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1	2	3	4

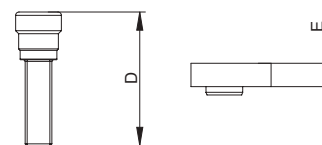
Art. 8010.5

Gradini Taglio freddo Dinamika + viti di fissaggio  
*New Big step for cold profile + fixing screw*

In abbinamento a contropiastra  
*Combined with counterplate*



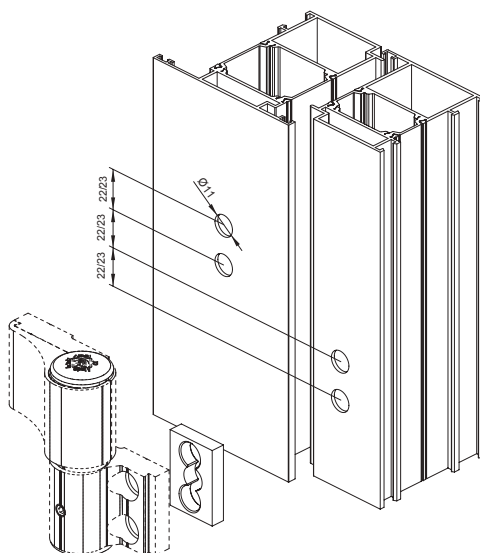
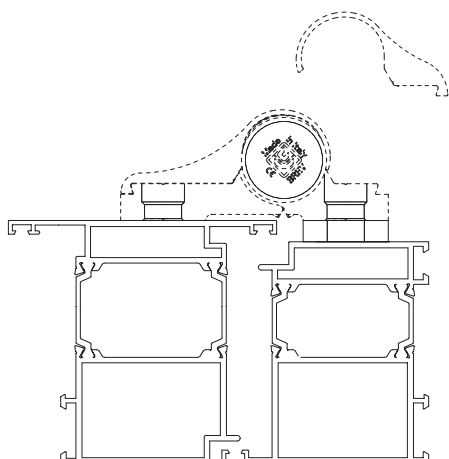
ART	D	E
	int.22	
8010.5	40	7
8010.6	40	8.5
8010.7	40	10
8010.8	50	16



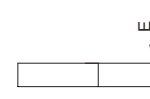
Art. 8010.25

Gradini Taglio termico Dinamika  
*Thermal break step*

In abbinamento a perni di centraggio TT  
*Combined with thermal break fixing*



ART		E
int.22	int.23	
8010.25	8010G.25	7
8010.26	8010G.26	8.5
8010.27	8010G.27	10
8010.28	8010G.28	16
8010.29	8010G.29	9
8010.30	8010G.30	12



# FISSAGGI DINAMIKA

## FISSAGGI CERNIERE PORTE PROFILI TAGLIO FREDDO



Fissaggi cerniere porte profili freddi | Cold profile fixing | Fixation pour les profilés froids | Fijación para perfiles frío



Alluminio estruso, molla zincata e viti M8XX



Extruded aluminum, galvanized steel spring and screws M8XX



Aluminium extrudé, ressort en acier zingué et vis M8XX

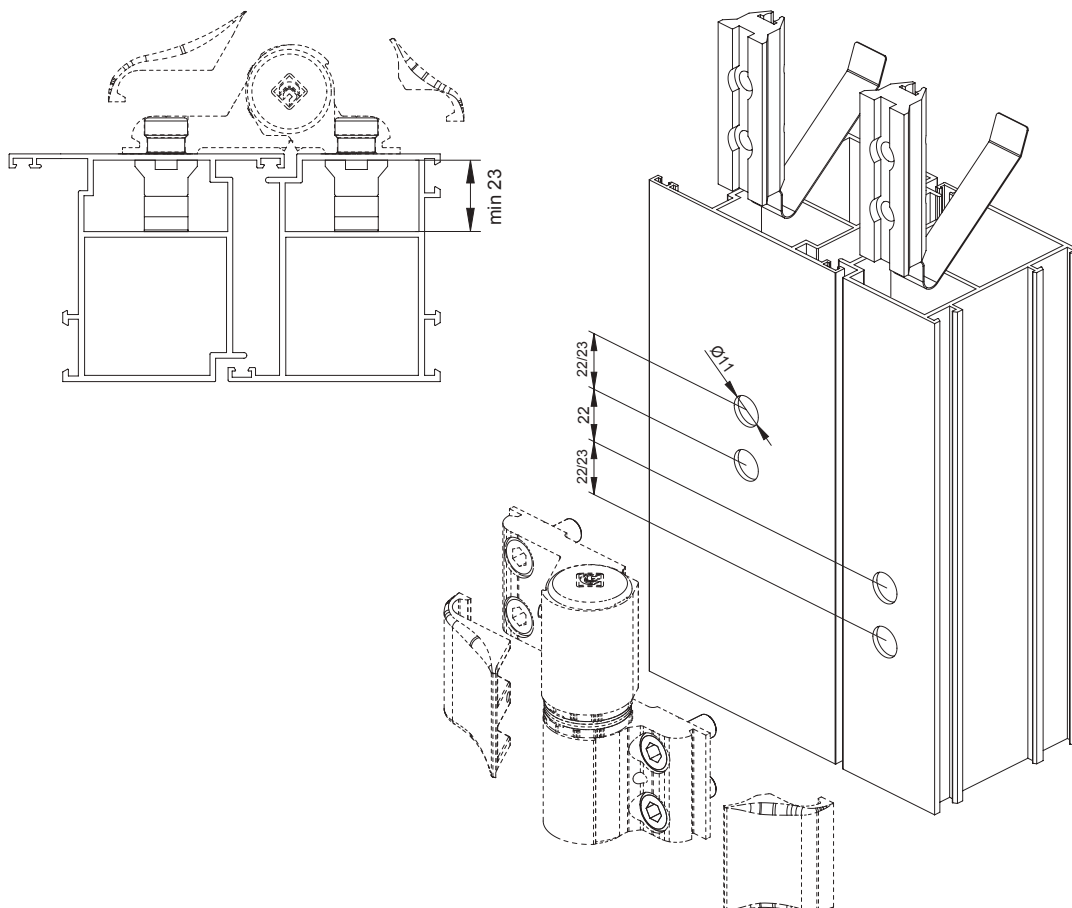


Aluminio extruido, muelle en acero cincado y tornillos M8XX

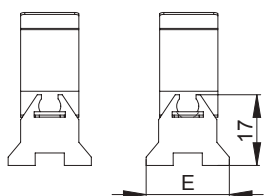
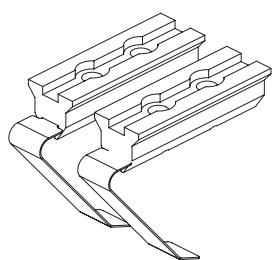


ART.	8010G.17   8010G.18   8000G.XX   8000G.XX   8010G.10   8000G.39   8000G.40   8010G.16	8000.9
Imballo   Package   Conditionnement   Embalaje	20 Pz	50 Pz
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1 2 3 4	1 2 3 4

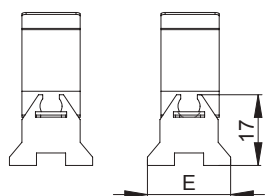
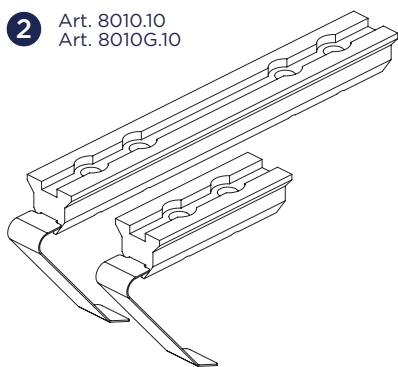
### Fissaggi per taglio freddo - Cold profile fixing



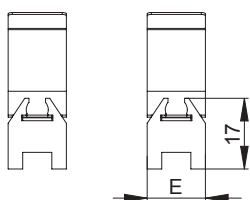
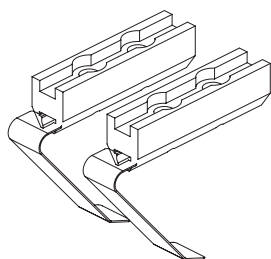
**1** Art. 8000.9  
Art. 8000G.9



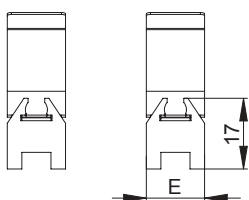
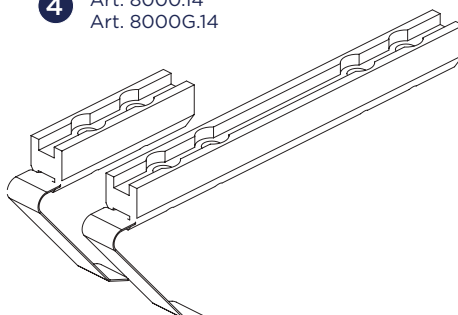
**2** Art. 8010.10  
Art. 8010G.10



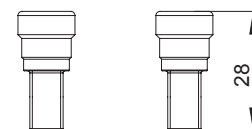
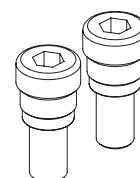
**3** Art. 8000.13  
Art. 8000G.13



**4** Art. 8000.14  
Art. 8000G.14



**5** Art. 8010.16



DESCRIZIONE DESCRIPTION	ART		E
	Int. 22	Int. 23	
Coppia di contropiastre per cerniera a 2 ali Counterplates for 2 wings hinge	8000.9	8000G.9	20
Coppia di contropiastre per cerniera a 3 ali Counterplates for 3 wings hinge	8010.10	8010G.10	20
Coppia contropiastre ridotte per cerniera a 2 ali Reduced Counterplates for 2 wings hinge	8000.13	8000G.13	14
Kit contropiastre ridotte per cerniera a 3 ali Reduced counterplates for 3 wings hinge	8000.14	8000G.14	14
Vite di fissaggio M8 x 28mm (2 pz) Fixing screws M8 X 28mm (2 pz)	8010.16	8010G.16	---

**1**

**2**

**3**

**4**

**5**

DESCRIZIONE DESCRIPTION	ART		E
	Int. 22	Int. 23	
Kit contropiastre per cerniera a 2 ali con viti Counterplates for 2 wings hinge with screws	8010.17	8010G.17	20
Kit contropiastre per cerniera a 3 ali con viti Counterplates for 3 wings hinge with screws	8010.18	8010G.18	20
Kit contropiastre ridotte per cerniera a 2 ali con viti Reduced Counterplates for 2 wings hinge with screws	8000.39	8000G.39	14
Kit contropiastre ridotte per cerniera a 3 ali con viti Reduced counterplates for 3 wings hinge with screws	8000.40	8000G.40	14

**1 + 5 + 5**

**2 + 5 + 5 + 5**

**3 + 5 + 5**

**4 + 5 + 5 + 5**

# FISSAGGI DINAMIKA

## FISSAGGI CERNIERE PORTE PROFILI TAGLIO TERMICO



Fissaggi cerniere porte profili taglio termico | Thermal break fixing |  
 Fixation pour les profilés à rupture thermique | Fijación para perfiles  
 de corte térmico



Perni di centraggio e  
 perni ad espansione  
 con vite in acciaio  
 zincato.



Centering pins and  
 expansion bushes in  
 galvanized steel.



Pivots de centrage  
 et bagues de  
 agrandissement en  
 acier zingué

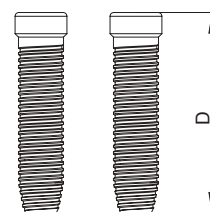
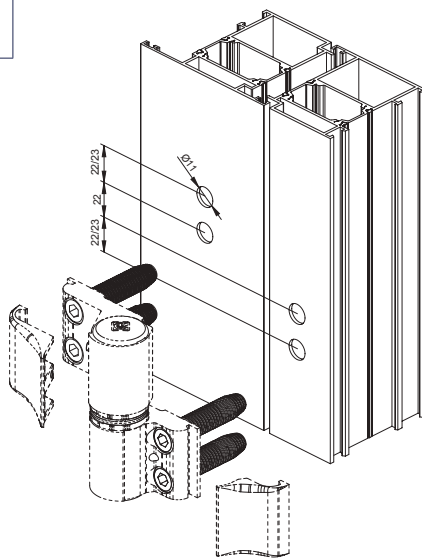
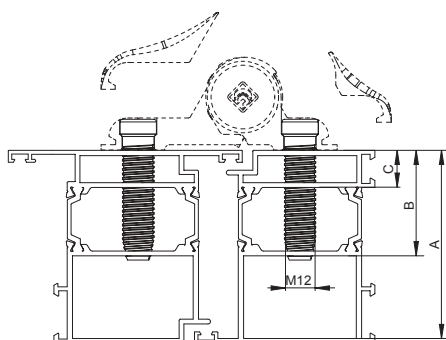


Pernios de centrado y  
 expansión casquillos  
 en acero cincado



ART.	8010.13   8010.14   8010.15
Imballo   Package   Conditionnement   Embalaje	20 Cp
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	2    3    4

Art. 8010.1X - Perni di centraggio TT  
 Taglio termico - Thermal break fixing



FISSAGGIO CON PERNI DI CENTRAGGIO SU PROFILI TAGLIO TERMICO FIXING BY CENTERING PINS ON THERMAL BREAK PROFILES				
ART.	D	DIMENSIONE MIN. CAMERA INTERNA MIN.DIMENSION INTERNAL GROOVE (A)	DIMENSIONE MAX CAMERA DI SERRAGGIO TIGHTENING GROOVE MAX. DIMENSION (B - C)	APPLICAZIONE APPLICATION
8010.13	53 mm	≥ 43 mm	≤ 31,5 mm	Per ala cerniera senza gradini For wing of hinge without steps
8010.14	68 mm	≥ 58 mm	≤ 46,5 mm	
8010.15	79 mm	≥ 69 mm	≤ 57,5 mm	
8010.13	53 mm	≥ 36 mm	≤ 24,5 mm	Per ala cerniera con gradini di 7mm For wing of hinge with 7mm steps
8010.14	68 mm	≥ 51 mm	≤ 39,5 mm	
8010.15	79 mm	≥ 62 mm	≤ 50,5 mm	
8010.13	53 mm	≥ 34,5 mm	≤ 23 mm	Per ala cerniera con gradini di 8,5mm e 9mm For wing of hinge with 8,5mm e 9mm steps
8010.14	68 mm	≥ 49,5 mm	≤ 38 mm	
8010.15	79 mm	≥ 60,5 mm	≤ 49 mm	
8010.13	53 mm	≥ 33 mm	≤ 21,5 mm	Per ala cerniera con gradini di 10mm e 12mm For wing of hinge with 10mm e 12mm steps
8010.14	68 mm	≥ 48 mm	≤ 36,5 mm	
8010.15	79 mm	≥ 59 mm	≤ 47,5 mm	
8010.13	53 mm	≥ 27 mm	≤ 15,5 mm	Per ala cerniera con gradini di 16mm For wing of hinge with 16mm steps
8010.14	68 mm	≥ 42 mm	≤ 30,5 mm	
8010.15	79 mm	≥ 53 mm	≤ 41,5 mm	

# DINAMIKA

## CERNIERA A 2 ALI PER PORTE CON ALA TELAIO RIDOTTA E REGOLAZIONI INDIPENDENTI



Cerniera per porte con ala telaio ridotta | Door hinge with reduced wing frame | Paumelle pour portes avec lame réduit | Bisagra para puerta con ala de marco reducida



Corpo base cerniera, carter in alluminio estruso. grani di fissaggio in Acciaio Inox AISI 303. Grano di regolazione in Acciaio Zincato. Boccole in Zama. Boccole in Derlyn. Tappi cerniera in materiale plastico (Nylon Pa6). Cerniera per porte a 2 ali con ala maschio ridotta.



Hinge base body and body in extruded aluminium. locking set screws in stainless steel AISI 303. Galvanized steel adjustment set screw. Zamak bushings. Derlyn Bushings Hinge caps in plastic (Nylon Pa6). 2 Wings Hinge with reduced wing frame.



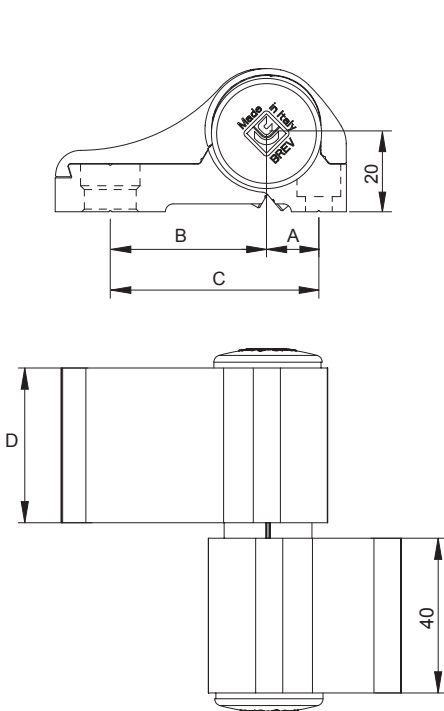
Corps base charnière, carter en aluminium extrudé. goujons de fixation en acier inox AISI 303. Goujon de réglage en acier galvanisé. Bagues en zamac. Bagues en Derlyn. Bouchons charnière en matériau plastique (Nylon Pa6). Paumelle 2 lames avec lame réduit.



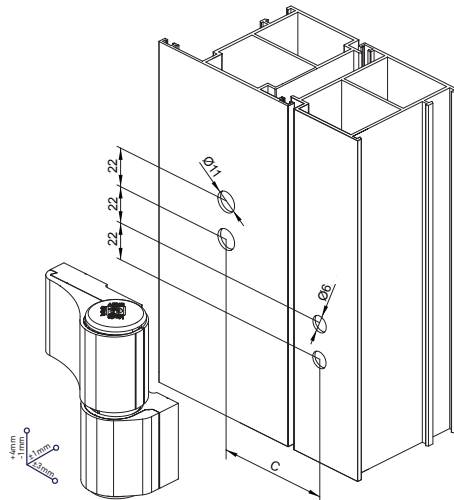
Cuerpo base de bisagra, cárter de aluminio extruido. tornillos prisioneros de fijación de acero inoxidable AISI 303. Tornillo prisionero de regulación de acero galvanizado. Casquillos de Zamak. Casquillos de Derlyn. Tapones bisagra de material plástico (Nylon Pa6). Bisagras 2 alas con ala de marco reducida.



ART.	8015   8016 8015G   8016G
Imballo   Package   Conditionnement   Embalaje	20 PZ
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1 2 3 4

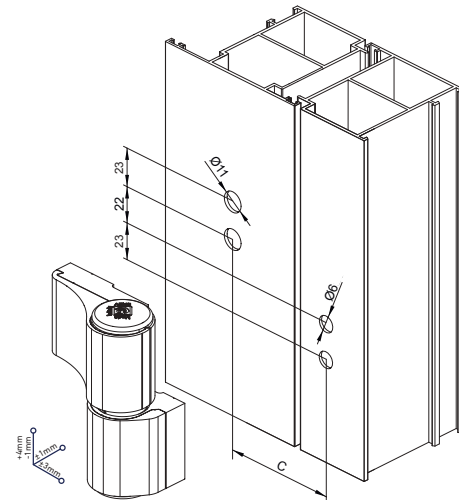


Interasse 22  
Interaxis 22



DINAMIKA 2 ALI DINAMIKA 2 WING				
ART	A	B	C	D
8015	13,5	39,5	53	40
8016	13,5	46,5	60	40

Interasse 23  
Interaxis 23



DINAMIKA 2 ALI DINAMIKA 2 WING				
ART	A	B	C	D
8015G	13,5	39,5	53	42
8016G	13,5	46,5	60	42



# DINAMIKA

## CERNIERA A 3 ALI PER PORTE CON ALA TELAIO RIDOTTA E REGOLAZIONI INDIPENDENTI



Cerniera per porte con ala telaio ridotta | Door hinge with reduced wing frame | Paumelle pour portes avec lame réduit | Bisagra para puerta con ala de marco reducida



Corpo base cerniera, carter in alluminio estruso, grani di fissaggio in Acciaio Inox AISI 303. Grano di regolazione in Acciaio Zincato. Boccole in Zama. Boccole in Derlyn. Tappi cerniera in materiale plastico (Nylon Pa6). Cerniera per porte a 2 ali con ala maschio ridotta.

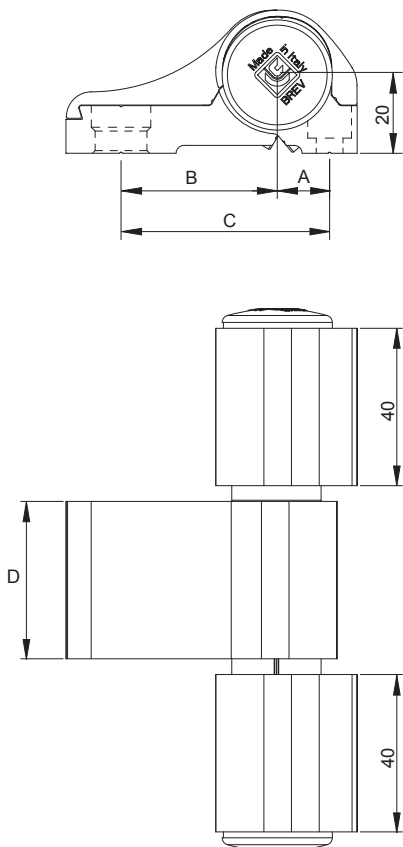
Hinge base body and body in extruded aluminium. locking set screws in stainless steel AISI 303. Galvanized steel adjustment set screw. Zamak bushings. Derlyn Bushings Hinge caps in plastic (Nylon Pa6). 2 Wings Hinge with reduced wing frame.

Corps base charnière, carter en aluminium extrudé. goujons de fixation en acier inox AISI 303. Goujon de réglage en acier galvanisé. Bagues en zamak. Bagues en Derlyn. Bouchons charnière en matériau plastique (Nylon Pa6). Paumelle 2 lames avec lame réduit.

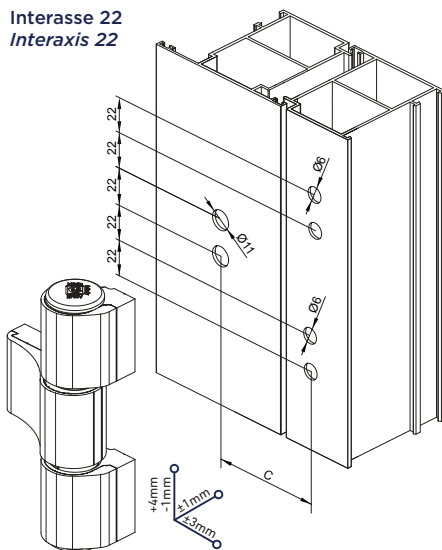
Cuerpo base de bisagra, cárter de aluminio extruido. tornillos prisioneros de fijación de acero inoxidable AISI 303. Tornillo prisionero de regulación de acero galvanizado. Casquillos de Zamak. Casquillos de Derlyn. Tapones bisagra de material plástico (Nylon Pa6). Bisagras 2 alas con ala de marco reducida.



ART.	8015.11   8016.11 8015G.11   8016G.11			
Imballo   Package   Conditionnement   Embalaje	8 PZ			
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1	2	3	4

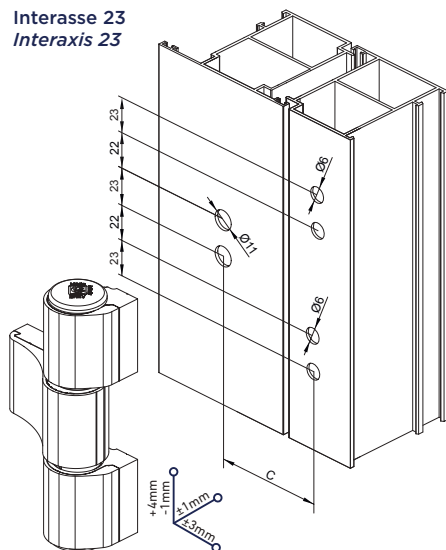


Interasse 22  
Interaxis 22



DINAMIKA 3 ALI DINAMIKA 3 WING				
ART	A	B	C	D
8015.11	13,5	39,5	53	40
8016.11	13,5	46,5	60	40

Interasse 23  
Interaxis 23



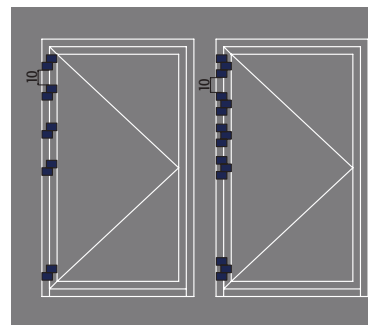
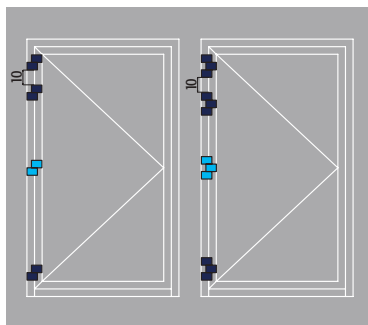
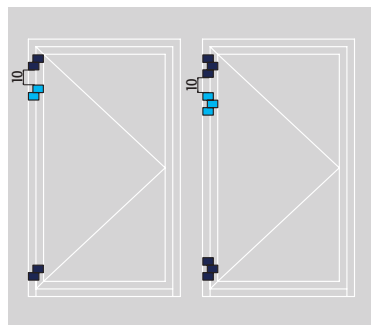
DINAMIKA 3 ALI DINAMIKA 3 WING				
ART	A	B	C	D
8015G.11	13,5	39,5	53	42
8016G.11	13,5	46,5	60	42

H	4000	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3900	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3800	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3700	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3600	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3500	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3400	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3300	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3200	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	3100	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	95%
	3000	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98%	90%
	2900	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	93%	85%
	2800	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	87%	80%
	2700	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	90%	82%	75%
	2600	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	93%	84%	77%	70%
	2500	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	87%	79%	72%	65%
	2400	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	90%	81%	73%	66%	60%
	2300	100%	100%	100%	100%	100%	100%	100%	100%	100%	93%	84%	75%	68%	61%	55%
	2200	100%	100%	100%	100%	100%	100%	100%	100%	97%	87%	78%	69%	62%	56%	50%
	2100	100%	100%	100%	100%	100%	100%	100%	100%	90%	80%	71%	64%	57%	51%	45%
2000	100%	100%	100%	100%	100%	100%	100%	94%	83%	73%	65%	58%	51%	45%	40%	
1900	100%	100%	100%	100%	100%	100%	98%	86%	76%	67%	59%	52%	46%	40%	35%	
1800	100%	100%	100%	100%	100%	100%	90%	78%	69%	60%	53%	46%	40%	35%	30%	
1700	100%	100%	100%	100%	100%	95%	82%	71%	61%	53%	46%	40%	34%	29%	25%	
1600	100%	100%	100%	100%	100%	85%	73%	63%	54%	47%	40%	34%	29%	24%	20%	
1500	100%	100%	100%	100%	90%	76%	65%	55%	47%	40%	34%	28%	23%	N.D.	N.D.	
1400	100%	100%	100%	96%	80%	67%	57%	48%	40%	33%	28%	22%	N.D.	N.D.	N.D.	
1300	100%	100%	100%	84%	70%	58%	48%	40%	33%	27%	21%	N.D.	N.D.	N.D.	N.D.	
1200	100%	100%	90%	73%	60%	49%	40%	32%	26%	20%	N.D.	N.D.	N.D.	N.D.	N.D.	
1100	100%	97%	78%	62%	50%	40%	32%	25%	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	
1000	100%	83%	65%	51%	40%	31%	23%	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	
		600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000

### L

Indipendentemente dal peso della porta, per porte sottoposte ad un intenso utilizzo come nel caso di edifici aperti al pubblico, porte con chiudiporta o porte ad azionamento motorizzato il limite di impiego è limitato a H 3000 e L 1400 con l'utilizzo della terza o quarta cerniera (cerniera azzurra) come da diagramma.

Whatever the door weight, doors subject to heavy duty, such as public building, doors with closers or automatic doors have a limited range of application limited to H 3000 and L 1400 and must be fitted with an addition hinge (light blue hinge) as in the diagram.



- Esempio
1. Dim. LxH (WxH) 1200x2200 = 100% Portata 2 cerniere (Load Capacity 2 hinges)
  2. Dim. LxH (WxH) 1600x2200 = 100% Portata 3 cerniere (Load Capacity 3 hinges)
  3. Dim. LxH (WxH) 1400x3300 = 100% Portata 4 cerniere (Load Capacity 4 hinges)

I diagrammi hanno validità per spessore profili | Load charts is for profiles thickness)  $\geq$  a 1,7 mm

ART	PORTATA LOAD CAPACITY
	100% = 100kg
	100% = 120 kg

# GRADINI DINAMIKA

## GRADINI PER CERNIERA PER PORTE CON ALA TELAIO RIDOTTA



Gradini per Dinamika | Dinamika steps |  
Etapas de Dinamika | Pasos para Dinamika



Alluminio estruso.  
Viti in acciaio inox



Extruded  
aluminum.  
Stainless steel  
screws



Aluminium  
extrudé.  
Vis en acier inox

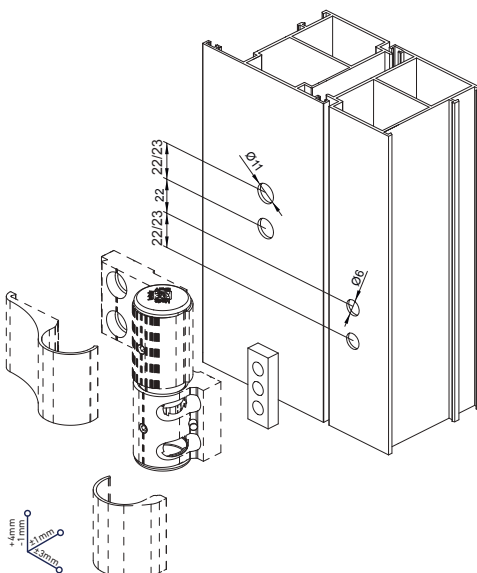
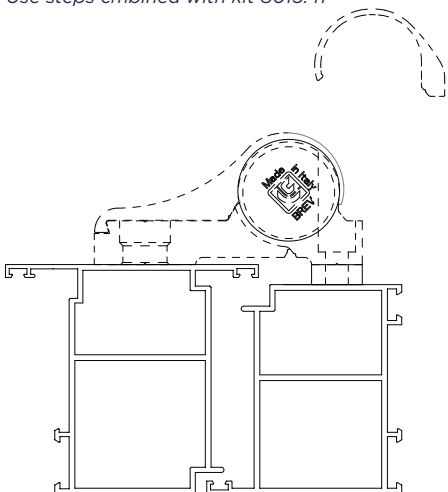


Aluminio  
extruido.  
Tornillos en acero  
inoxidable

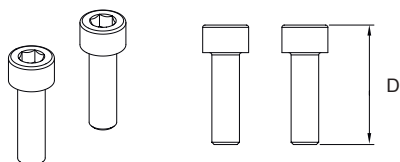
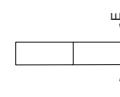


ART.	8015.25   8015.26   8015.27   8015.28   8015.29   8015.30				8015.41			
Imballo   Package   Conditionnement   Embalaje	20 Pz				20 Cp			
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1	2	3	4	1	2	3	4

Utilizzare i gradini in abbinamento al kit 8015.41  
Use steps combined with kit 8015.41



ART	E
8015.25	7
8015.26	8,5
8015.27	10
8015.28	16
8015.29	9
8015.30	12



ART	D
8015.41	30

# FISSAGGI DINAMIKA

## FISSAGGI PER CERNIERE PER PORTE CON ALA TELAIO RIDOTTA



Fissaggi | Fixing | Fixation | Fijación



Alluminio estruso,  
molla e viti in acciaio  
zincato



Extruded aluminum,  
spring and screws in  
galvanized steel



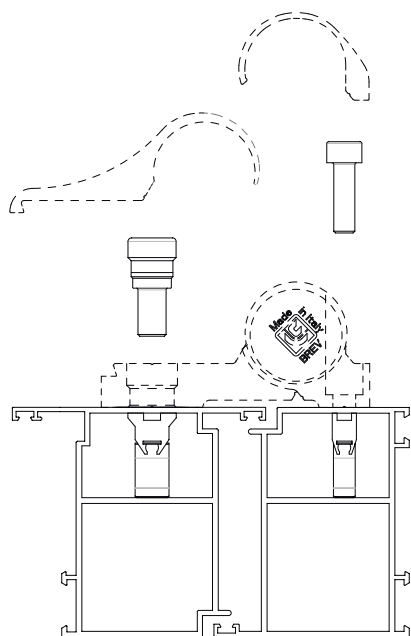
Aluminium extrudé,  
ressort et vis en acier  
zingué



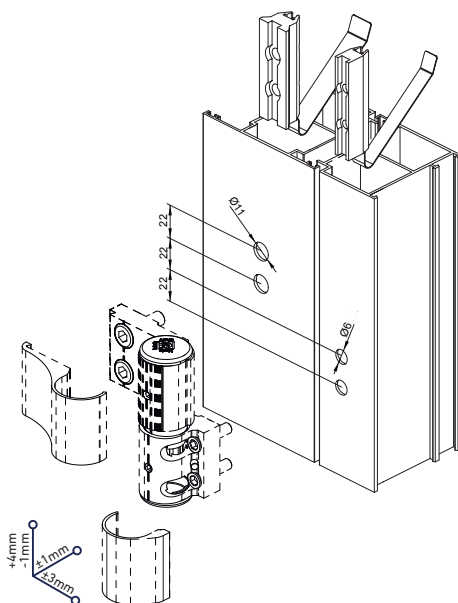
Aluminio extruido,  
muelle y tornillos en  
acero cincado



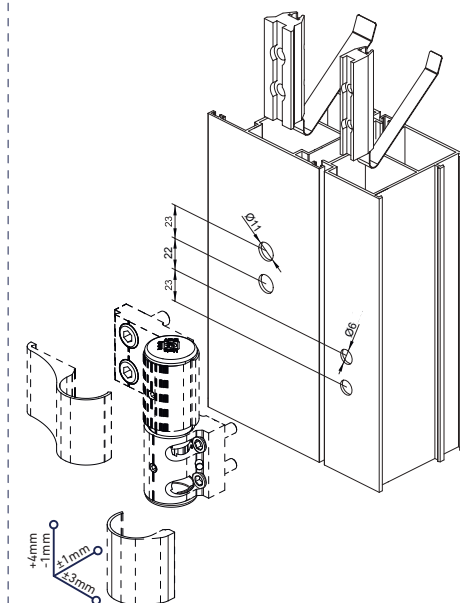
ART.	8015.13   8015.14   8015.39   8015.40   8015G.13   8015G.14   8015G.39   8015G.40	8010.16   8015.16						
Imballo   Package   Conditionnement   Embalaje	20 Pz				20 Cp			
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1	2	3	4	1	2	3	4



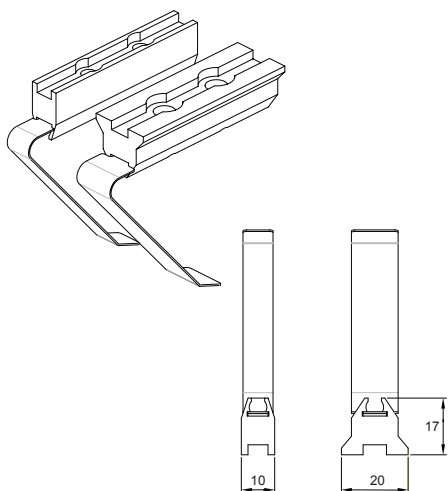
Interasse 22  
Interaxis 22



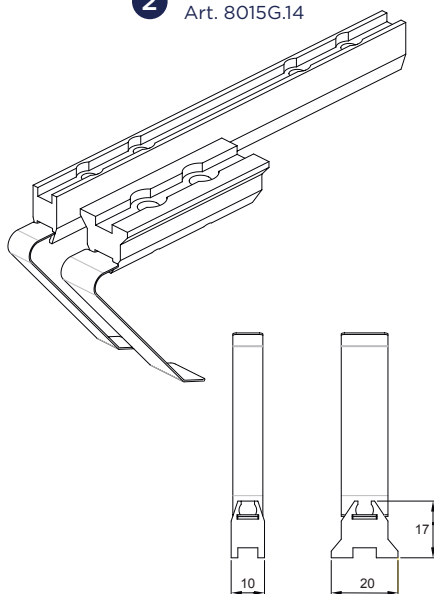
Interasse 23  
Interaxis 23



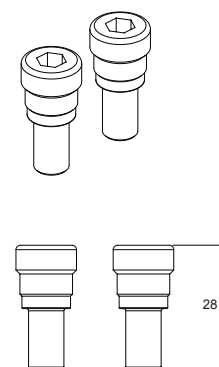
**1** Art. 8015.13  
Art. 8015G.13



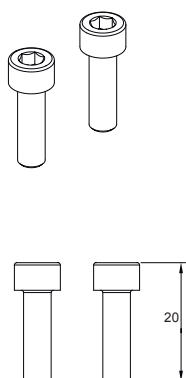
**2** Art. 8015.14  
Art. 8015G.14



**3** Art. 8010.16



**4** Art. 8015.16



DESCRIZIONE DESCRIPTION	ART		
	int.22	int.23	
Coppia di contropiastre per cerniera a 2 ali <i>Counterplates for 2 wings hinge</i>	8015.13	8015G.13	<b>1</b>
Coppia di contropiastre per cerniera a 3 ali <i>Counterplates for 3 wings hinge</i>	8015.14	8015G.14	<b>2</b>
Viti di fissaggio M8 x 28 per ala anta <i>Fixing screws M8 x 28 for sash</i>	8010.16	8010.16	<b>3</b>
Viti di fissaggio M6 x 20 per ala telaio <i>Fixing screws M6 x 20 for frame</i>	8015.16	8015.16	<b>4</b>

DESCRIZIONE DESCRIPTION	ART		
	int.22	int.23	
Kit contropiastre per cerniera a 2 ali con viti <i>Counterplates for 2 wings hinge with screws</i>	8015.39	8015G.39	<b>1 + 3 + 4</b>
Kit contropiastre per cerniera a 3 ali con viti <i>Counterplates for 3 wings hinge with screws</i>	8015.40	8015G.40	<b>2 + 3 + 4 + 4</b>

# DIMA CERNIERA PORTE

## DIMA DI FORATURA (BREVETTATA)

BREVETTATO  
PATENTED



Dima di foratura per cerniere porta | Drilling template for door hinges  
| Gabarit de perçage pour paumelle pour portes | Plantilla de perforación para bisagras para puertas



Dima in alluminio estruso bussole di foratura in acciaio zincato, selettori in zama, grani inox.



Extruded aluminum drilling template, galvanized steel centering bushes, zamak selector, inox screw without head.



Aluminium extrude, bagues en acier inox.

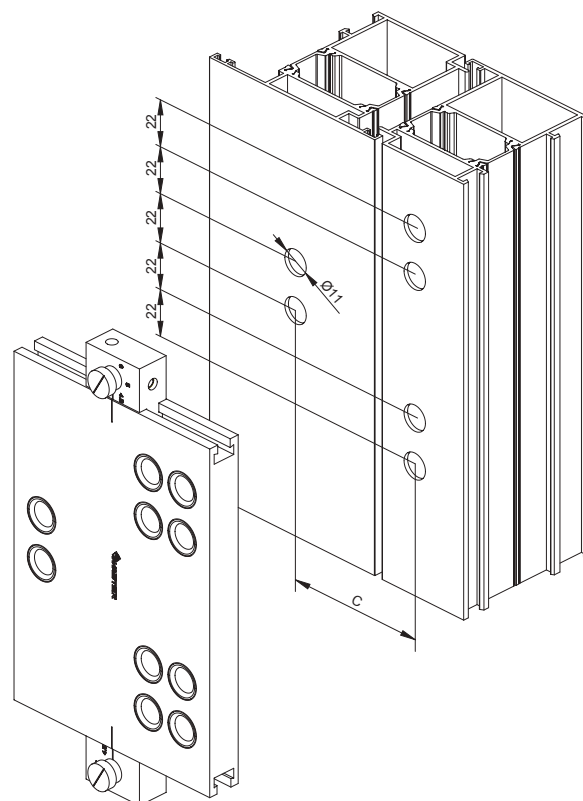
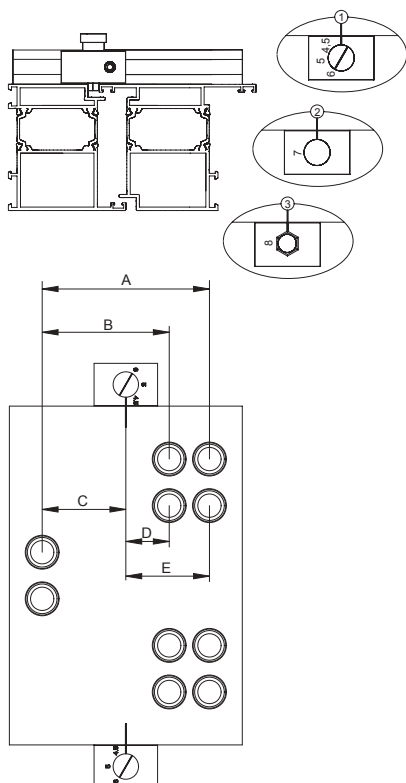


Aluminio extruido, casquillos de acero inox.



ART.	8000.20   8000.21   8000.23
Imballo   Package   Conditionnement   Embalaje	1 Pz
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	2    3    4

### Art. 8000.2X - Dima di foratura (BREVETTATA) | Drilling template



ART	A	B	C	D	E
8000.20	79	60	39.5	20.5	39.5
8000.21	86	67	46.5	20.5	39.5
8000.23	93	67	46.5	20.5	46.5

**CERNIERE FINESTRA**  
*WINDOW HINGES*

# TOP SPIN

## CERNIERA A PETTINE IN ALLUMINIO ESTRUSO



Cerniera a pettine in alluminio estruso | Comb hinge in extruded aluminium | Paumelle a peigne en aluminium extrudé | Bisagras de tres alas de aluminio extruido



Cerniera lato telaio e lato anta in alluminio estruso, piastrine in zama, boccole e tappini in nylon, viti e perno in acciaio inox.



Frame side and shutter side in extruded aluminium, zamak plates, nylon bushings and caps, stainless steel screws and pin.



Paumelle côté dormant et côté ouvrant en aluminium extrudé, plaques en zamak, bagues et bouchons en nylon, vis et pivot en acier inox.

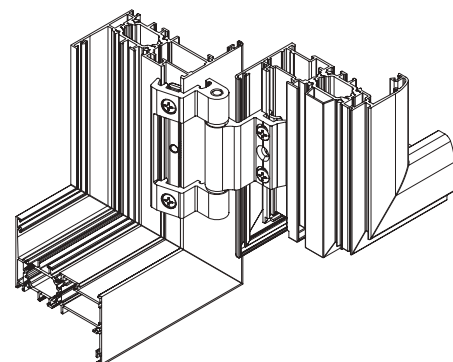
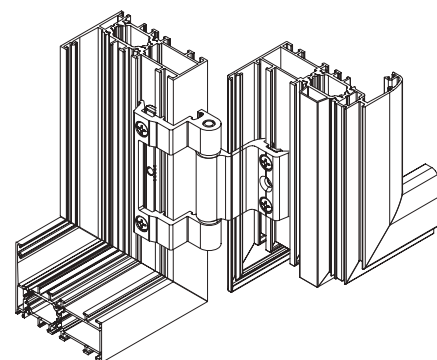
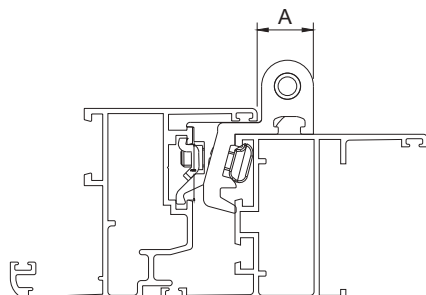
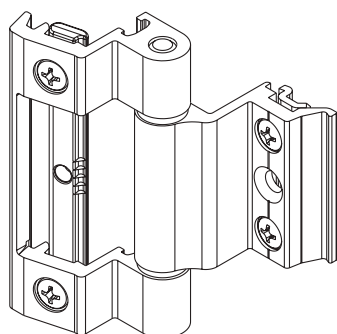


Bisagra del lado del marco y de la hoja de aluminio extruido, placas de zamak, casquillos y tapones de nylon, tornillos y pernio de acero inox.



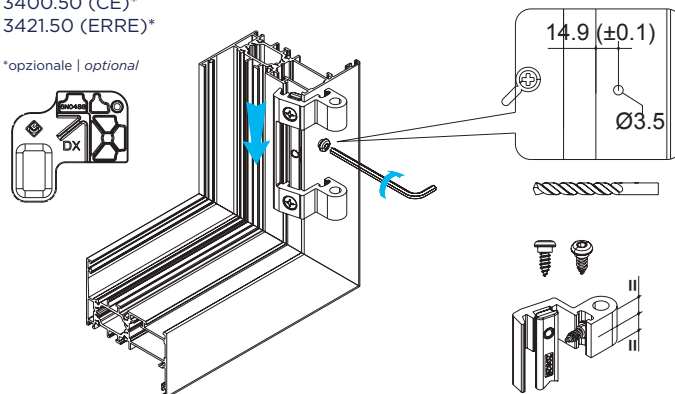
ART.	TUTTI   ALL   TOUS   TODOS
Imballo   Package   Conditionnement   Embalaje	10 PZ
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1 2 3 4

Art. 3420.71 | 3421.71



Dima | Template  
3400.50 (CE)\*  
3421.50 (ERRE)\*

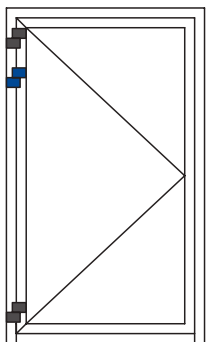
\*opzionale | optional



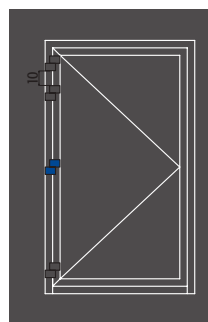
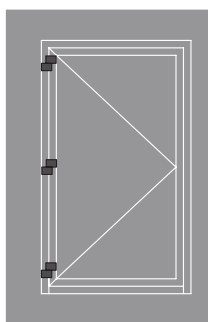
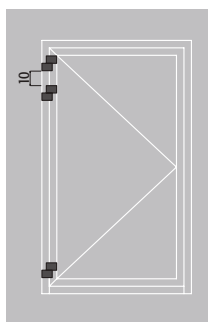
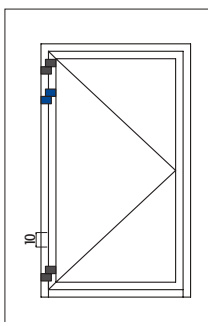
DESCRIZIONE DESCRIPTION	ART	NODO SECTION	A
Cerniera a pettine in alluminio estruso Comb hinge in extruded aluminium	3420.71	A01 - A02 - A03 A05 - A06	15
Cerniera a pettine in alluminio estruso Comb hinge in extruded aluminium	3421.71	A08	15





## BATTENTE CASEMENT

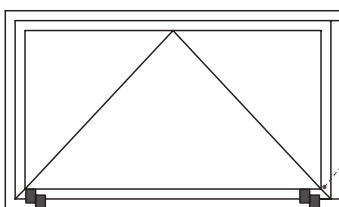


H	2800	100%	100%	100%	100%	100%	100%	100%	100%	
	2700	100%	100%	100%	100%	100%	100%	100%	100%	
	2600	100%	100%	100%	100%	100%	100%	100%	100%	
	2500	100%	100%	100%	100%	100%	100%	100%	100%	
	2400	100%	100%	100%	100%	100%	100%	100%	100%	
	2300	100%	100%	100%	100%	100%	100%	100%	100%	
	2200	100%	100%	100%	100%	100%	100%	100%	97%	
	2100	100%	100%	100%	100%	100%	100%	100%	90%	
	2000	100%	100%	100%	100%	100%	100%	94%	83%	
	1900	100%	100%	100%	100%	100%	98%	86%	76%	
1800	100%	100%	100%	100%	100%	90%	78%	69%		
1700	100%	100%	100%	100%	100%	95%	82%	71%		
1600	100%	100%	100%	100%	100%	85%	73%	63%		
1500	100%	100%	100%	100%	90%	76%	65%	N.D.		
1400	100%	100%	100%	96%	80%	67%	57%	N.D.		
1300	100%	100%	100%	84%	70%	58%	N.D.	N.D.		
1200	100%	100%	90%	73%	60%	N.D.	N.D.	N.D.		
1100	100%	97%	78%	62%	50%	N.D.	N.D.	N.D.		
1000	100%	83%	65%	51%	N.D.	N.D.	N.D.	N.D.		
		600	700	800	900	1000	1100	1200	1300	1400
		L								

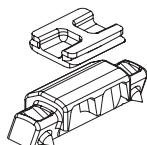


ART.		PORTATA LOAD CAPACITY
3420.71		100% = 80 Kg
3421.71		100% = 80 Kg
3420.71	+ 	100% = 120 Kg
3521.71	+ 	100% = 120 Kg

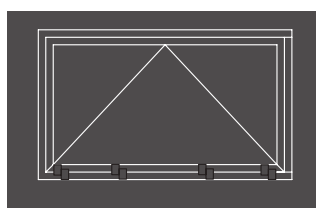
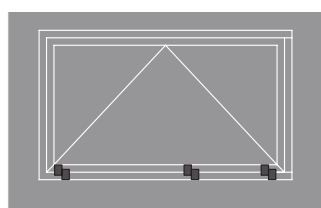
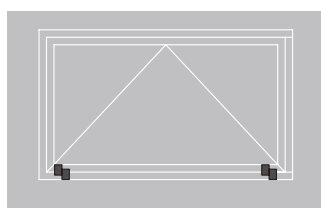
## VASISTAS PESANTE HEAVY BOTTOM HINGE WINDOW





Art. 352X.33 \*  
Kit sostegno anta  
Shutter support kit



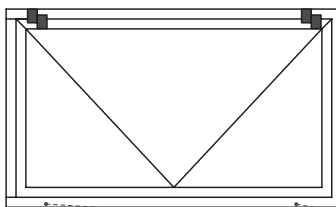
H	2000	90%	100%	100%	100%
	1600	75%	100%	100%	100%
	1100	75%	100%	100%	90%
	500	60%	60%	75%	100%
		500	1100	1600	2000
		L			



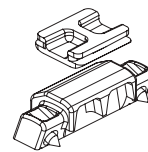
ART.	*	PORTATA LOAD CAPACITY
3420.71	+ 	100% = 200 Kg
3421.71	+ 	100% = 140 Kg

\* OBBLIGATORIO  
MANDATORY

# SPORGERE PROJECTING OPENING

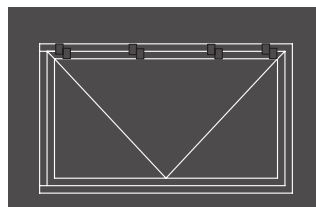
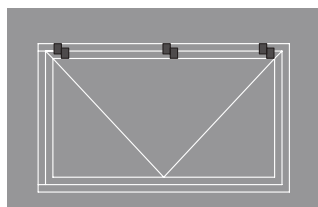
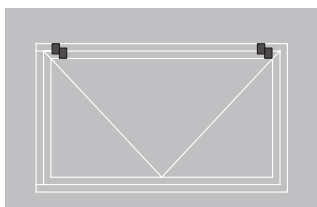


Art. 352X.33 \*  
Kit sostegno anta  
Shutter support kit



H	2000	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
	1900	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
	1800	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
	1700	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
	1600	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
	1500	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
	1400	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
	1300	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
	1200	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
	1100	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
	1000	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
	900	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	N.D.	
	800	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	N.D.	N.D.	N.D.	N.D.	
	700	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	N.D.	N.D.	N.D.	N.D.	N.D.	
	600	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	
	500	100%	100%	100%	100%	100%	100%	100%	100%	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	
	400	100%	100%	100%	100%	100%	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	
	300	100%	100%	100%	100%	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	
			300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000

L



ART.	*	PORTATA LOAD CAPACITY
3420.71	+	100% = 120 Kg
3421.71	+	100% = 110 Kg

\* OBBLIGATORIO  
MANDATORY

# TOP RAPID

## CERNIERA AD AGGANCIO RAPIDO



Cerniera ad aggancio rapido | Fast mounting hinge  
Paumelle a accrochage rapide | Bisagra de agarre rápido



Cerniera in alluminio estruso, boccole in nylon, perno e viti di serraggio M5 TSC CR in acciaio inox. TOP RAPID + Cerniera preassemblata in versione DX e SX.



Hinge in extruded aluminum, nylon bushing, stainless steel pin and M5 TSC CR tightening screws. TOP RAPID + Pre-assembled hinge in right-hand and left-hand versions.



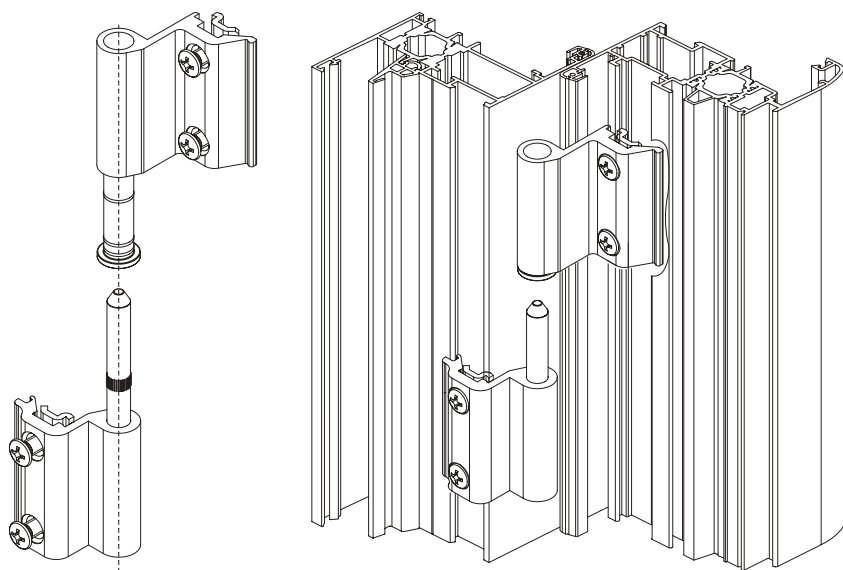
Paumelle en aluminium extrudé, bagues en nylon, pivot et vis de serrage M5 TSC CR en acier inox. TOP RAPID + Paumelle pré assemblée en version droite et gauche.



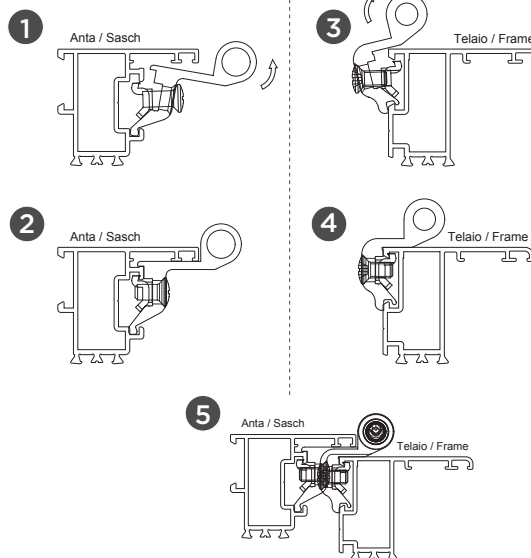
Bisagra de aluminio extruido, casquillos de nylon, pernio y tornillos de ajuste M5 TSC CR de acero inox. TOP RAPID + Bisagra pre-ensamblada en versión Derecha e Izquierda.



ART.	TOP RAPID 9XXX.3   .33   .6  .36				TOP RAPID + 9XXX.23X   .233X				TOP RAPID + 9XXX.25X   .253X			
Imballo   Package   Conditionnement   Embalaje	50 PZ				50 PZ				25 PZ			
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1	2	3	4	1	2	3	4	1	2	3	4



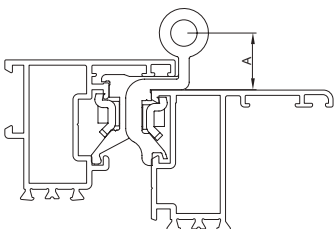
### MONTAGGIO | ASSEMBLING



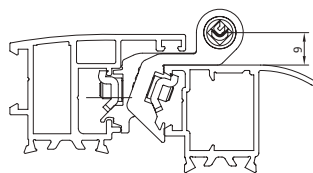
TOP RAPID montaggio rapido / fast mounting			
ART.		ART.	
9XXX.3		9XXX.6	
9XXX.33 Versione con terzo foro supplementare Version with additional third hole		9XXX.36 Versione con terzo foro supplementare Version with additional third hole	

TOP RAPID+ premontata / pre-assembled			
ART.		ART.	
9XXX.23D 9XXX.25D		9XXX.23S 9XXX.25S	
9XXX.233D 9XXX.253D Versione con terzo foro supplementare Version with additional third hole		9XXX.233S 9XXX.253S Versione con terzo foro supplementare Version with additional third hole	

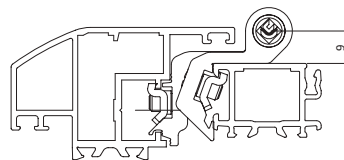
TOP RAPID	TOP RAPID +	TOP RAPID 3	A	NODO SECTION
9127.3	9127.23	9127.6	19	A12
9129.3	-----	9129.6	19	B13
9131.3	9131.23	9131.6	7,8	A11
9133.3	9133.23	9133.6	14,8	A12-B08
9141.3	9141.23	9141.6	8,8	A05-A06
9208.3	9208.23	9208.6	9	A02
9211.3	9211.23	9211.6	9	A01-A02
9212.3	9212.23	9212.6	9	A03
9213.33	9213.233	9213.36	17	A01-A02-B03
9217.33	-----	-----	18	A01-A02
9226.3	9226.23	9226.6	15	B01-B02
9227.3	9227.23	9227.6	18,5	A01-A02-B01-B02
9235.3	-----	9235.6	7,5	A13
9242.3	-----	9242.6	14	A13
9331.3	9331.23	9331.6	7,8	A10
9337.3	9337.23	9337.6	16,5	B07
9353.3	9353.23	9353.6	16,5	A17
9412.3	-----	9412.6	16,3	A14
9431.3	9431.23	9431.6	7,3	A14-A16
9616.3	9616.23	9616.6	7,3	A08
9626.3	-----	9626.6	15	B04
9627.33	-----	9627.36	31,7	B04
9630.3	9630.23	9630.6	7,3	A09
9632.3	9632.23	9632.6	19	A08-A23
9640.3	-----	-----	19	B04



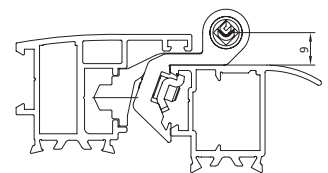
Art. 9203.33



Art. 9204.33

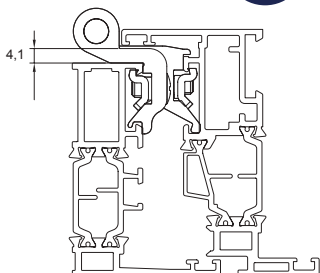


Art. 9205.33



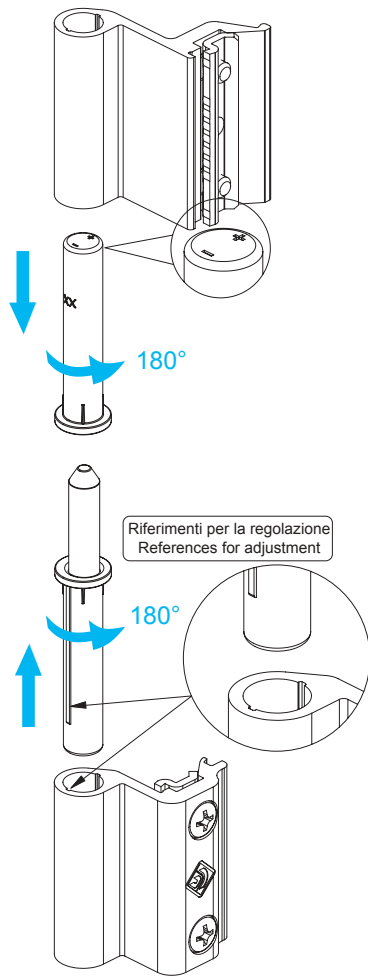
Art. 9208.3

**NEW**

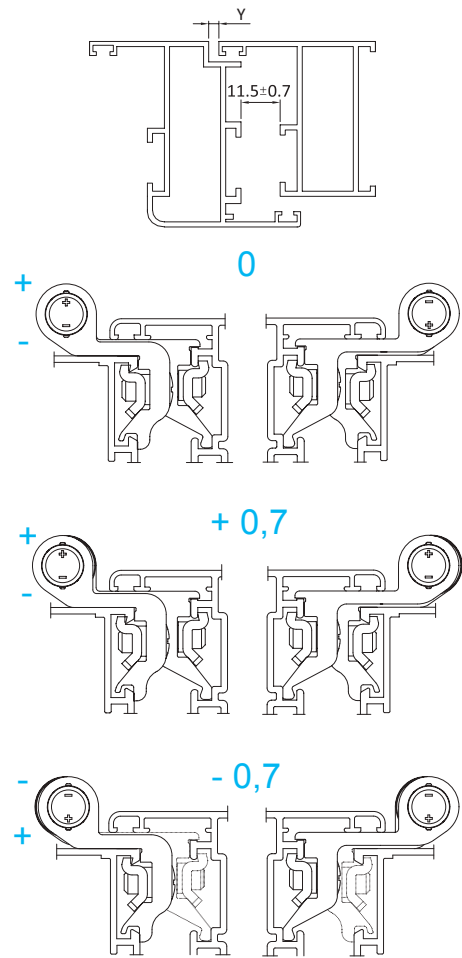


TOP RAPID	TOP RAPID +	TOP RAPID 3	A	NODO SECTION
9203.33	----	----	9	A28
9204.33	----	----	9	A29
9205.33	----	----	9	A28
9201.3	----	----	9	A01 - A02
9202.3	----	----	9	A03

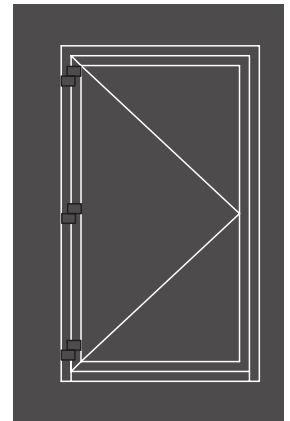
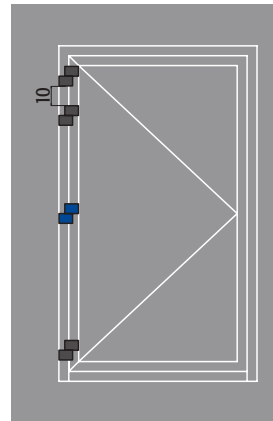
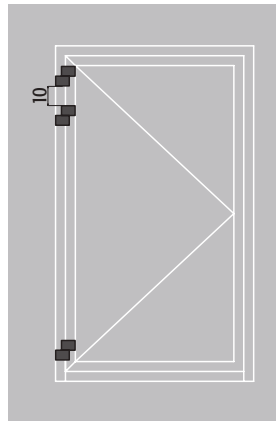
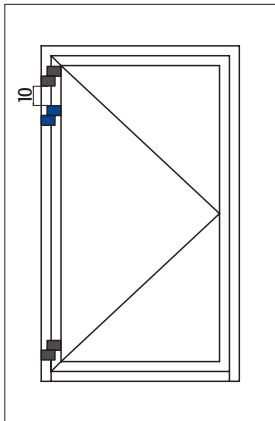
REGOLAZIONI | ADJUSTMENTS



REGOLAZIONI IN FUGA  
INTER SPACE ADJUSTMENTS



H	2800	100%	100%	100%	100%	100%	100%	100%	100%	100%
	2700	100%	100%	100%	100%	100%	100%	100%	100%	100%
	2600	100%	100%	100%	100%	100%	100%	100%	100%	100%
	2500	100%	100%	100%	100%	100%	100%	100%	100%	100%
	2400	100%	100%	100%	100%	100%	100%	100%	100%	100%
	2300	100%	100%	100%	100%	100%	100%	100%	100%	100%
	2200	100%	100%	100%	100%	100%	100%	100%	100%	97%
	2100	100%	100%	100%	100%	100%	100%	100%	100%	90%
	2000	100%	100%	100%	100%	100%	100%	100%	94%	83%
	1900	100%	100%	100%	100%	100%	100%	98%	86%	76%
	1800	100%	100%	100%	100%	100%	100%	90%	78%	69%
	1700	100%	100%	100%	100%	100%	95%	82%	71%	61%
	1600	100%	100%	100%	100%	100%	85%	73%	63%	54%
	1500	100%	100%	100%	100%	90%	76%	65%	55%	N.D.
	1400	100%	100%	100%	96%	80%	67%	57%	N.D.	N.D.
	1300	100%	100%	100%	84%	70%	58%	N.D.	N.D.	N.D.
	1200	100%	100%	90%	73%	60%	N.D.	N.D.	N.D.	N.D.
	1100	100%	97%	78%	62%	50%	N.D.	N.D.	N.D.	N.D.
	1000	100%	83%	65%	51%	N.D.	N.D.	N.D.	N.D.	N.D.
		600	700	800	900	1000	1100	1200	1300	1400
		L								



- Esempio
1. Dim. LxH (WxH) 1200x2200 = 100% Portata 2 cerniere (Load Capacity 2 hinges)
  2. Dim. LxH (WxH) 1200x2300 = 100% Portata 3 cerniere (Load Capacity 3 hinges)
  3. Dim. LxH (WxH) 1400x2800 = 100% Portata 4 cerniere (Load Capacity 4 hinges)

I diagrammi hanno validità per spessore profili (Load charts is for profiles thickness)  $\geq$  a 1,5 mm

ART.	PORTATA LOAD CAPACITY
	100% = 80 Kg
	100% = 100 Kg

# **NODI E FINITURE**

*SECTIONS  
AND FINISHES*

# NODI LATERALI

## SIDE SECTION

<b>A01</b>	Cava 14/18 gradino inferiore a 10 <b>CAMERA EUROPEA</b> <b>EURO GROOVE</b>	<b>A02</b>	Cava 14/18 gradino 10 <b>CAMERA EUROPEA</b> <b>EURO GROOVE</b>	<b>A03</b>	Cava 10/14 gradino 8 <b>CAMERA EUROPEA</b> <b>EURO GROOVE</b>
<b>A05</b>	Cava nc gradino inferiore a 10 <b>CAMERA EUROPEA</b> <b>EURO GROOVE</b>	<b>A06</b>	Cava nc gradino 10 <b>CAMERA EUROPEA</b> <b>EURO GROOVE</b>	<b>A08</b>	<b>R 40</b>
<b>A11</b>	<b>Nuovo NC 40 Sormonto</b>	<b>A12</b>	<b>Nuovo NC 40 Complanare</b>	<b>A13</b>	<b>Domal 40</b>



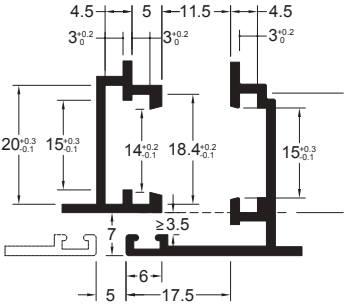
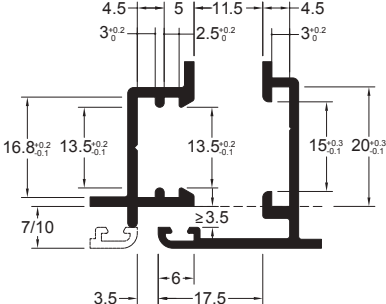
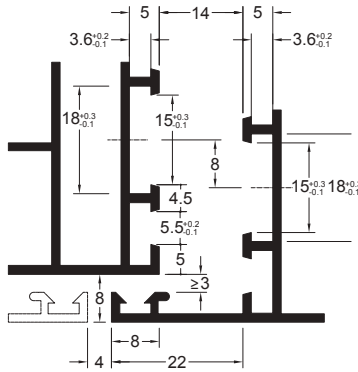
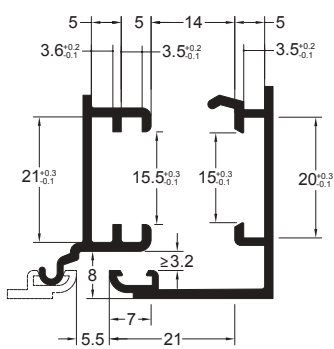
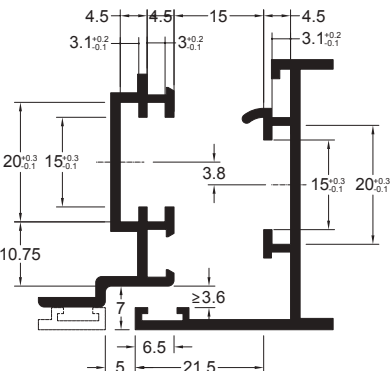
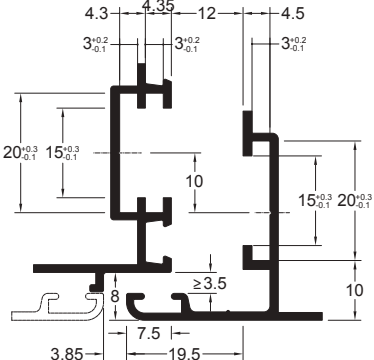
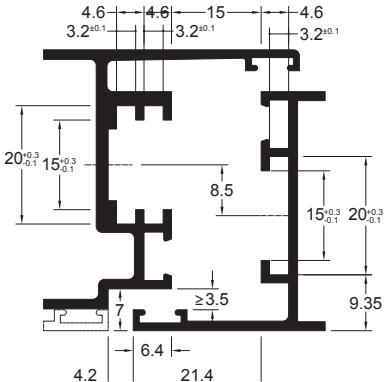
# NODI LATERALI

## SIDE SECTION

<b>A14</b>	Ekip 40 sormonto	<b>A15</b>	Ekip 40 complanare	<b>A16</b>	All.Co P4 sormonto
<b>A20</b>	Cava 14/18 gradino 7 complanare <i>CAMERA EUROPEA EURO GROOVE</i>	<b>A21</b>	Cava 14/18 gradino 8 complanare <i>CAMERA EUROPEA EURO GROOVE</i>	<b>A22</b>	Cava 14/18 gradino 9 complanare <i>CAMERA EUROPEA EURO GROOVE</i>
<b>A23</b>	Erre 40 Complementare Interno	<b>A28</b>	Cava 16 asse 9 Telaio 10/14 - 12/18	<b>A29</b>	Cava 16 asse 13 Telaio 10/14 - 12/18













# NODI CENTRALI

## CENTRAL SECTION

B01	Cava 20/15 riporto cava doppia <b>CAMERA EUROPEA EURO GROOVE</b>	B03	Nodo Centrale - NC <b>CAMERA EUROPEA EURO GROOVE</b>	B04	Erre 40
					
B06	Ekip 40	B07	All.co 5	B08	Nuovo NC 40
B11	All.co P4				
					

# FINITURE FINISHES

1	2		
FINITURA NATURALE NATURAL FINISH	TEK	SPECIALI (K-Finish) SPECIAL FINISHES	PVD
Grezzo <i>Mill</i>	OLDBRO (Bronzo antichizzato)* (Old vintage finish bronze)*	KGOLD (Oro) (Gold) 	PVOTT (Ottone) (Pvd brass)
Nylon Nero <i>Nylon Black</i>	OLDARG (Argento antichizzato)* (Old vintage finishe silver)*	KINOX (Inox lucido) (Inox)	PVSAT (Inox satinato) (Pvd satin inox)
		KSATI (Inox satinato) (Satin inox) 	

3	4		
ANODIZZATO ANODIZED	RAL 1	RAL2	VERNICIATI SPECIALI SPECIAL FINISHES
OXBRO (Bronzo) (Bronze)	R9010 (Bianco) (White) 	R9001 (Aavorio Chiaro) (Lighr ivory)	ARGEN (Argento effetto ossidato) (Silver anodized effect) 
OXARG (Argento) (Bronze)	R9010OP (Bianco opaco) (Mat white) 	R9003 (Bianco) (White) 	BRONZ (Bronzo effetto ossidato) (Bronz anodized effect) 
OXORO (Oro lucido) (Shiny gold)	R1013 (Aavorio) (Ivory) 	R9005 (Nero) (Black) 	
OXSAT (Inox satinato) (Satin inox)	R1013OP (Aavorio opaco) (Mat ivory)	R6005 (Verde) (Green)	
	AVOR (Aavorio scuro) (Dark ivory) 	R6005OP (Verde Opaco) (Mat green)	
	NEOPA (Nero opaco) (Mat black) 	R8017 (Marrone) (Brown)	
	Nylon 9010 (White)	R8017OP (Marrone Op.) (Mat brown)	
	Nylon 1013 (Ivory)	R8019 (Marrone grigio) (Grey brown)	
		R9006 (Argento) (Silver)	
		R7001 (Grigio argento) (Silver grey)	
		VEARG (Argento) (Silver)	
		VEBRO (Bronzo) (Bronze)	
		MARAG (Marrone Rag.) (Wrinkled brown)	
		VSCRA (Verde Scu.Rag) (Dark wrinkled green)	
		G6360 (Verde Gotico) (Gothic green)	
		G9420 (Grigio Gotico) (Gothic grey)	
		G3976 (Marrone Gotico) (Gothic brown) 	
		GTECH (Grigio Tecnico) (Tech grey) 	
		VGRAY (Grigio Metallico) (Metal grey)	
		RAL 9016 (Bianco Ghiaccio) (Ice White) 	
		RAL 9016OP (Bianco Ghiaccio Opaco) (Mat IceWhite)	
		RAL 9007 (Grigio Alluminio) (Aluminium Grey)	
		RAL 1015OP (Aavorio Panna Opaco) (Mat ivory)	
		RAL 7016OP (Grigio Antracite Opaco) (Mat anthracite gray)	
		Nylon Verde / Nylon Green	
		Nylon Marrone / Nylon Brown	

 Disponibile con trattamento antibatterico MASTERShield® / Available with MASTERShield® antimicrobial treatment

# FINITURE

## FINISHES

### NOTE TECNICHE:

1. Si consiglia di non utilizzare accessori in acciaio zincato, in finitura K-Finish oppure verniciati nei pressi di ambienti particolarmente aggressivi come ad esempio zone vicino al mare e simili.
2. Si consiglia di non utilizzare le finiture K-Finish su accessori per infissi ad apertura esterna o comunque posizionati all'esterno.
3. La pulizia degli accessori deve essere effettuata esclusivamente con detergenti a base neutra al fine di non comprometterne il rivestimento superficiale.
4. I particolari in acciaio inox sono in AISI 430F, salvo diversa indicazione.
5. Le confezioni delle cerniere sono da 50 pezzi, escluso le versioni in FINITURE SPECIALI e TEK che sono da 25 pezzi.
6. Le confezioni delle cremonesi e delle martelline sono da 20 pezzi, ad esclusione delle versioni in FINITURE SPECIALI, PVD e TEK che sono da 5 pezzi.
7. Le confezioni delle doppie maniglie sono da 15 coppie, ad esclusione delle versioni in FINITURE SPECIALI, e TEK che sono da 5 coppie.
8. Le confezioni delle doppie maniglie LINEA ITALIA sono da 5 coppie, ad esclusione delle versioni in PVD e TEK che sono da 2 coppie.

### TECHNICAL NOTES:

1. *We recommend that you do not use galvanized steel accessories, K-Finish finish or painted near particularly aggressive environments such as areas near the sea and the like.*
2. *It is advisable not to use the K-Finish finishes on accessories for windows with external opening or in any case placed outside.*
3. *The cleaning of the accessories must be carried out exclusively with neutral-based detergents in order not to compromise the surface coating.*
4. *The stainless steel parts are in AISI 430F, unless otherwise indicated.*
5. *The packs of the hinges are 50 pieces, excluding the versions in SPECIAL FINISHES and TEK that are 25 pieces.*
6. *Cremonese and hammerware packs are 20 pieces, with the exception of the versions in SPECIAL FINISHES, PVD and TEK which are 5 pieces.*
7. *The packages of the double handles are from 15 pairs, with the exception of the versions in SPECIAL FINISHES, and TEK that are from 5 pairs.*
8. *The LINEA ITALIA double handles are made of 5 pairs, with the exception of the PVD and TEK versions that come from 2 pairs.*





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[info@masteritaly.com](mailto:info@masteritaly.com)



# Linea AS

Programma completo delle soluzioni  
per sistemi alzanti a scorrere.

Complete product line and solutions for lift & slide systems.

da 200 Kg  
a 400 Kg

Alzante scorrevole - portata massima 200 - 300 - 400 Kg

Lift & Slide - maximum load 200 - 300 - 400 Kg







01

**Linea AS. Programma completo delle soluzioni per sistemi alzanti a scorrere.**

Complete product line and solutions for lift & slide systems.

**pag. 2**

04

**AS300**

**pag. 11**

02

**Perché scegliere la linea AS.**  
Why choosing AS line.

**pag. 3**

05

**Videomontaggio**  
Video mounting

**pag. 19**

03

**AS200**

**pag. 4**

06

**Finiture**  
Finishes

**pag. 20**

# LINEA AS

## Programma completo delle soluzioni per sistemi alzanti a scorrere.

01

Complete product line and solutions for lift & slide systems.

La linea di sistemi per alzanti a scorrere AS di Master è stata realizzata per coniugare alte prestazioni, manovrabilità degli infissi, semplicità e velocità di montaggio del sistema.

Sono necessari, infatti, solo pochi semplici passaggi per consentire l'installazione.

Il programma AS si presenta con una gamma completa di soluzioni per coprire tutte le esigenze del mercato, potendo contare sulle versioni con 200, 300 e 400 Kg di portata massima per anta.

Su tutte le versioni è possibile avere il corpo serratura di sicurezza e la funzione di microventilazione.

AS è il programma ideale quando si vuole realizzare una chiusura scorrevole ad elevate prestazioni su infissi di grandi dimensioni.

I prodotti della linea AS hanno superato i test in conformità alla norma UNI EN 13126-16:2008.

The new AS line, for lift & slide systems, has been produced to combine high performances, manoeuvrability, easy and fast installation by only a few simple steps.

AS line has a complete range of solutions to respond to all market requirements thanks the different available versions with 200, 300 and 400 Kg of maximum load for sash.

In all versions is possible to have a security lock or a micro-ventilation system for air circulation.

It is an ideal product when you want a high-performance sliding closure on large fixtures.

The products of AS line have passed the tests according to UNI EN 13126-16:2008 norm.



# Perché scegliere la linea AS.

## Why choosing AS line.



### ► Completezza di gamma / Complete range

La gamma AS200 e AS300 copre tutte le esigenze del mercato degli infissi di alta qualità, ampie vetrate e massima efficienza. La gamma nella sua completezza garantisce l'adattabilità del prodotto alla maggior parte dei sistemi presenti oggi sul mercato.

Range AS200 and AS300 can satisfy all the markets demands in terms of high quality windows, wide glazing and best performance. This complete product range guarantees the compatibility with most of the systems.

### ► Innovazione / Innovation

Assistenza alla movimentazione verticale dell'anta mediante sistemi elastici brevettati sui carrelli (AS200) e carrello supplementare AS300). I sistemi di assistenza alla movimentazione permettono di compensare lo sforzo necessario al sollevamento dell'anta in funzione del suo peso oltre ad eliminare il fastidioso inconveniente del rimbalzo improvviso della maniglia in fase di chiusura dell'infisso.

Patented spring systems on the rollers (AS200) and additional roller (AS300) assist the vertical operation of the sash. These systems permit to compensate the stress related to the sash raising, according to its weight, and eliminate the sudden rebound of the handle during the closing.

### ► Estetica / Design

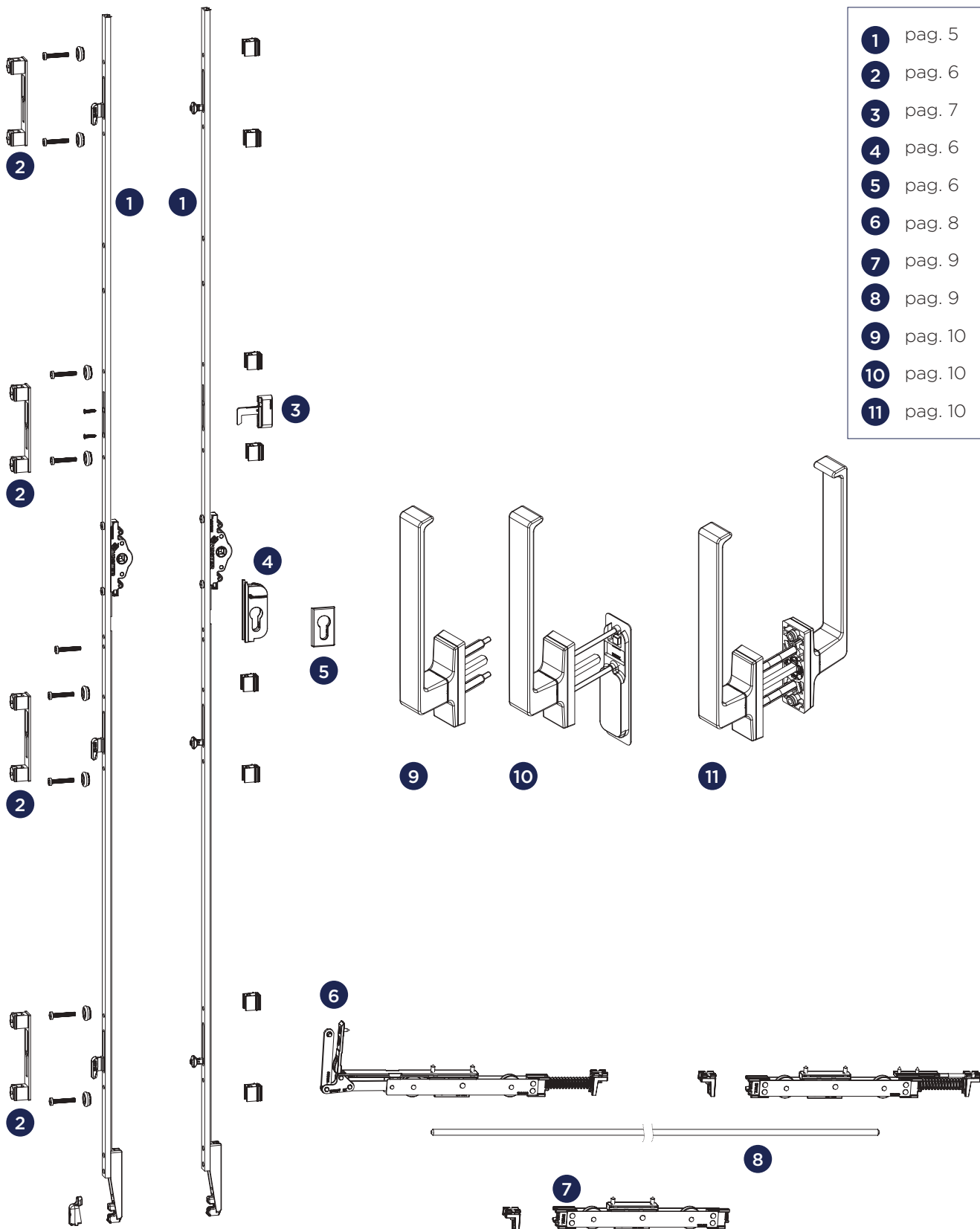
Soluzioni innovative di chiusura su tutta la gamma. Tutte le aste di chiusura sono equipaggiate con naselli regolabili (AS200) e retraibili ad uncino (AS300) che garantiscono la massima tenuta e qualità estetica del prodotto, in alternativa sono anche disponibili le soluzioni con naselli per applicazioni sui telai predisposti per i nottolini di chiusura.

Innovative closure solutions mark all the range. All the closure rods have adjustable nibs (AS200) and retractable hooks (AS300) that guarantee the best sealing and best design. As an alternative, there are also solutions with nibs to apply on frames prepared for closing pawls.

### ► Sicurezza / Security

Tutta la gamma alzanti AS ha superato i test in conformità alla norma di prodotto UNI EN 13126-16:2008 per una portata di 200/300/400 kg così da offrire una gamma di prodotti ideali quando si vuole realizzare una chiusura scorrevole ad elevate prestazioni su infissi di grandi dimensioni.

All the L&S range has passed the tests in conformity with norm UNI EN 13126-16:2008 for a load of 200/300/400 kg. Therefore, it represents the ideal product range when a high performance is required on big size sliding units.



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- 2** pag. 6
- 3** pag. 7
- 4** pag. 8
- 5** pag. 6
- 6** pag. 8
- 7** pag. 9
- 8** pag. 9
- 9** pag. 10
- 10** pag. 10
- 11** pag. 10

# ASTA DI CHIUSURA

## CHIUSURA PER SISTEMA AS 200 CON NASELLI REGOLABILI (BREVETTATO)



Kit Cremonese con naselli regolabili | Cremonese kit with adjustable hooks | Kit crémone avec pènes réglables | Kit cremona con ganchos regulables



Cremonese e clip di aggancio in alluminio estruso, asta interna, viti di fissaggio, grani e naselli in acciaio inox, tassello ammortizzatore in nylon, movimentazione in zama.



Cremonese and clips in extruded aluminum, rod, screws, hooks in stainless steel, nylon shock-absorber elements, zamak movement.



Crémone et clip de aluminium extrudé, tringles, vis, pènes en acier inox, tasseaux amortisseur en nylon, mouvement en zamak.

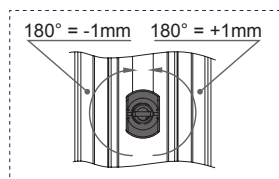


Cremona y clip de aluminio extruido, pletinas, tornillos, ganchos en acero inox, tacos amortiguadores movimiento de zamak.

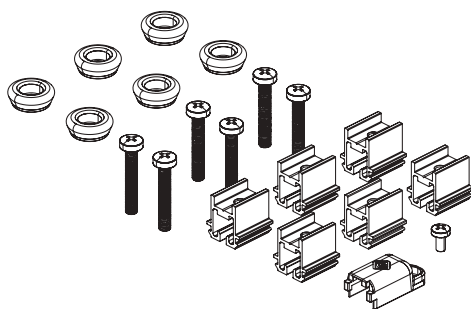
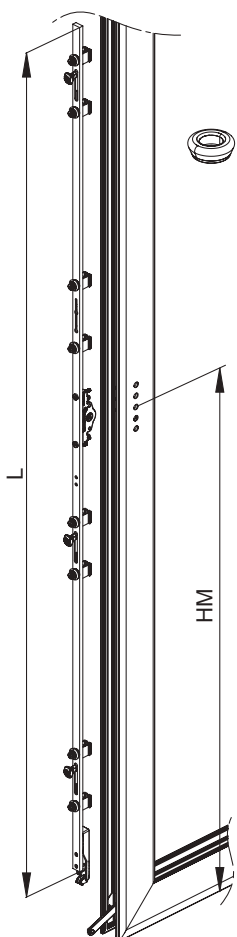


ART.	6700.3   6701.3   6702.3
Imballo   Package   Conditionnement   Embalaje	2 Pz
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1 2 3 4 5 6

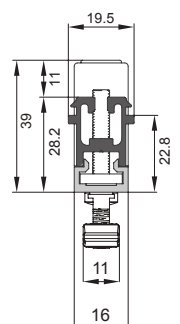
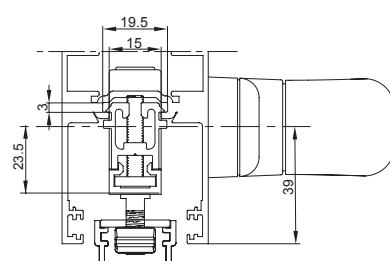
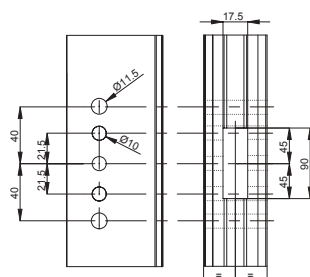
Kit cremonese  
Cremonese kit

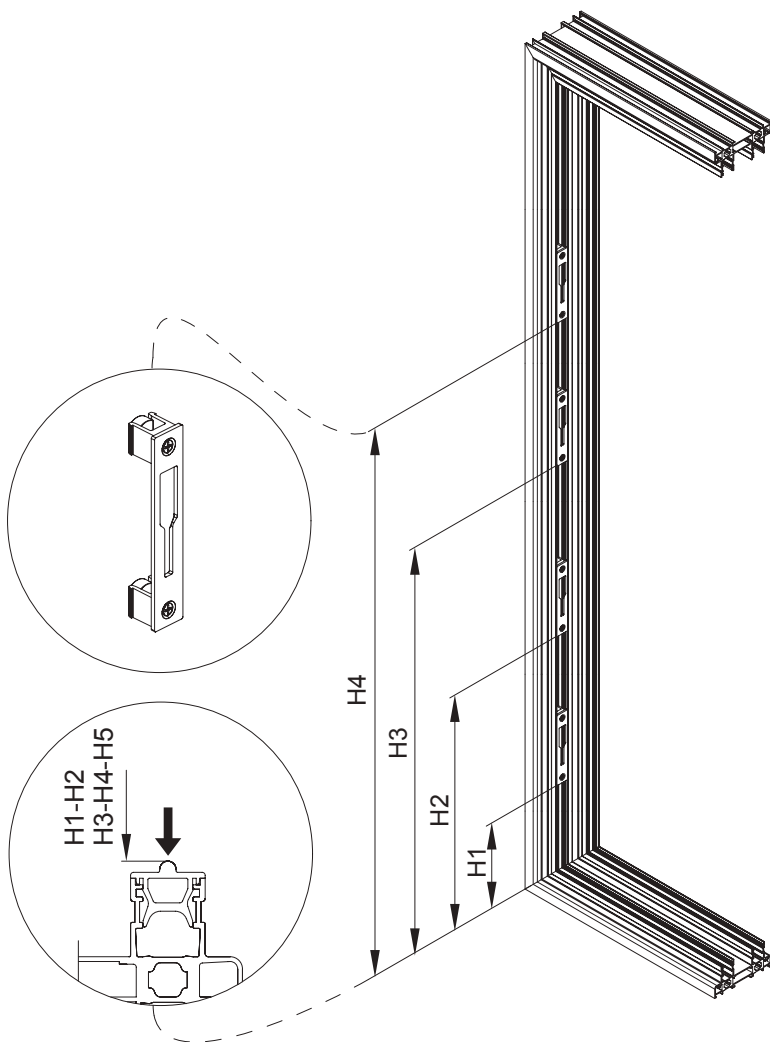


ART.		L	HM
6700.3	2	1613 mm	410 mm
6701.3	3	2113 mm	1010 mm
6702.3	3	2513 mm	1010 mm



### LAVORAZIONI | MACHINING



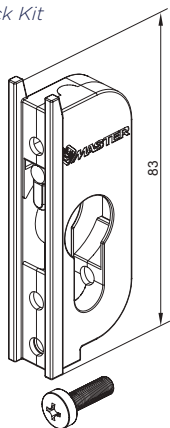


ART.	H1	H2	H3	H4
A6700 - A6700.3	219	550*	981	-
A6701 - A6701.3	251	696	1151	1581
A6702 - A6702.3	251	696	1151	1981

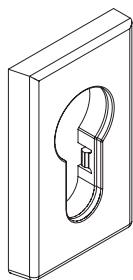
\* Per microventilazione | For microventilation

ART.	6721.1						2129.4						6720.8						6720.3					
Imballo   Package   Conditionnement   Embalaje	6 Pz						20 Kit						6 Pz						6Pz					
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6

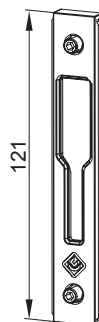
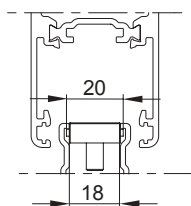
6721.1\*  
Kit serratura di sicurezza  
Lock Kit



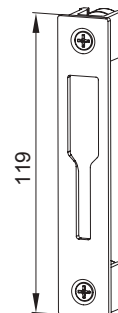
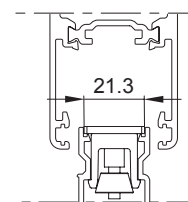
2129.4  
Copricilindro  
Cylinder cover



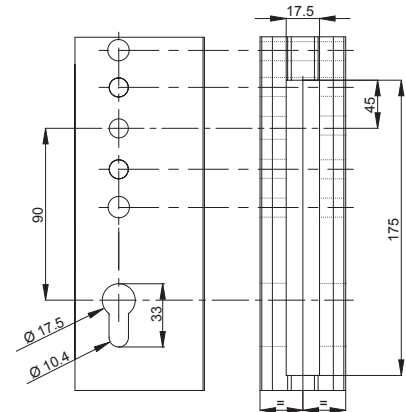
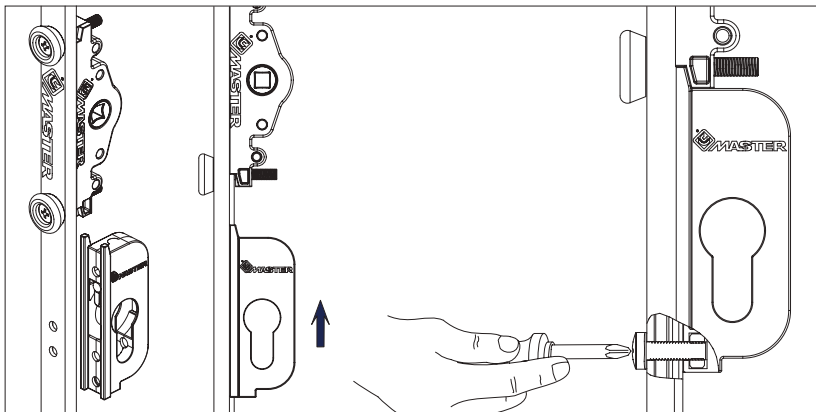
6720.8  
Kit contropiastre  
Counterplates kit



6720.3  
Kit contropiastre  
Counterplates kit



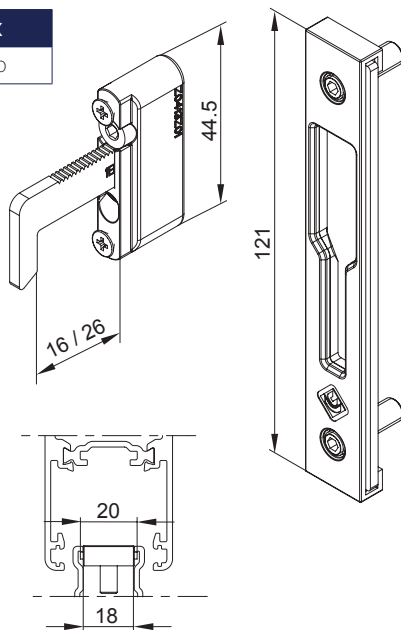
\*Abbinabile solo a A6701.X e A6702.X | Compatible only with A6701.X e A6702.X



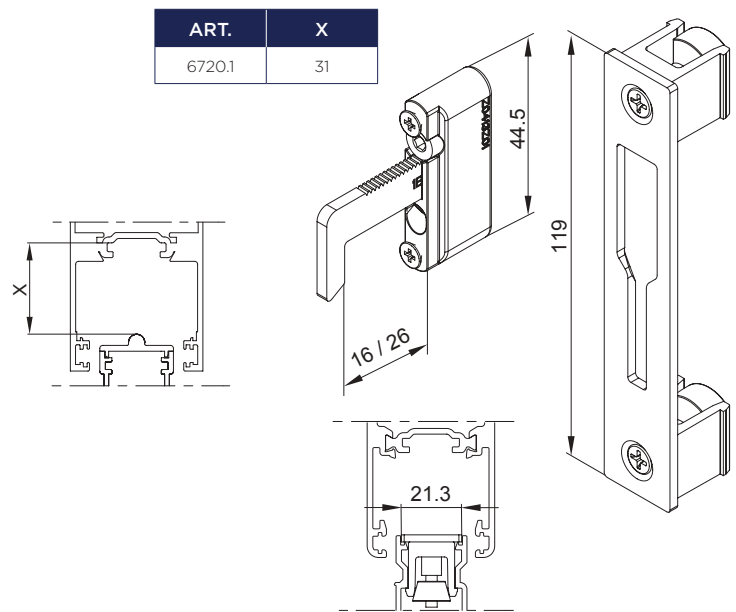
ART.	6720.7						6720.1					
Imballo   Package   Conditionnement   Embalaje	6 Pz						6 Pz					
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1	2	3	4	5	6	1	2	3	4	5	6

Kit microventilazioni | Microventilation kit

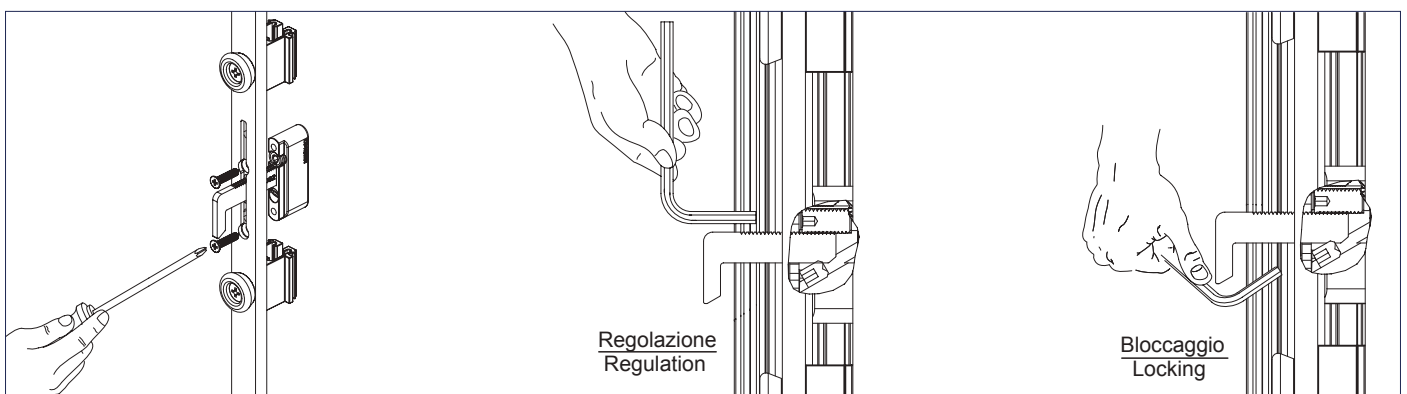
ART.	X
6720.7	30



ART.	X
6720.1	31



REGOLAZIONI | ADJUSTEMENT



Regolazione  
Regulation

Bloccaggio  
Locking

# KIT CARRELLI

## KIT CARRELLI AS200 (BREVETTATO)



Kit carrelli AS200 | Rollers kit AS200 | Kit chariots AS200 |  
Kit de ruedas AS200



Corpo in zama,  
costole, molle di  
regolazione e viti  
in acciaio inox,  
cuscinetti a sfera.



Zamak body, stainless  
steel springs and  
screws, bearing.



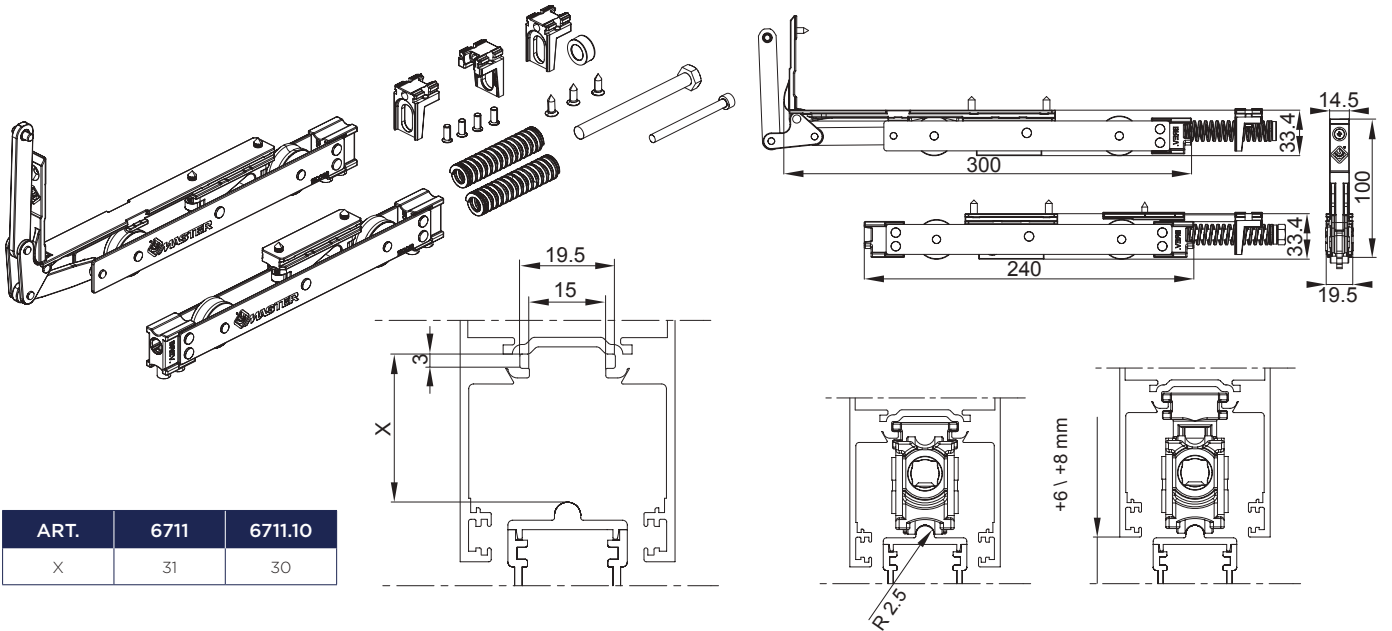
Corps en zamak,  
ressort et vis en acier  
inox, roulements à  
billes.



Cuerpo de zamac,  
muelles y tornillos de  
acero inox, bolas.



ART.	6711   6711.10					
Imballo   Package   Conditionnement   Embalaje	1 Pz					
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1	2	3	4	5	6



ART.	6711	6711.10
X	31	30

### REGOLAZIONI | ADJUSTEMENT

**ANTERIORE | FRONT**

**POSTERIORE | BACK**

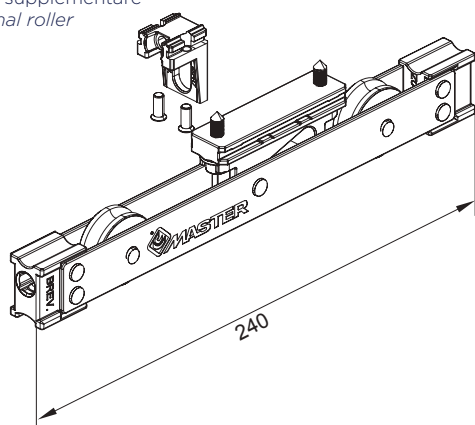
Kg	X
60 - 100	60
101 - 140	54
141 - 200	54



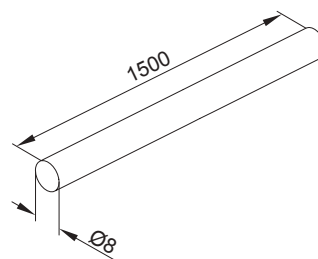
ART.	6711.1   6711.11						6720.5					
Imballo   Package	1 Pz						10 Pz					
Finiture disponibili   Available finishes	1	2	3	4	5	6	1	2	3	4	5	6

Per ante > di 1800 mm For sash > 1800 mm		
ART.	6711.1	6711.11
X	31	30

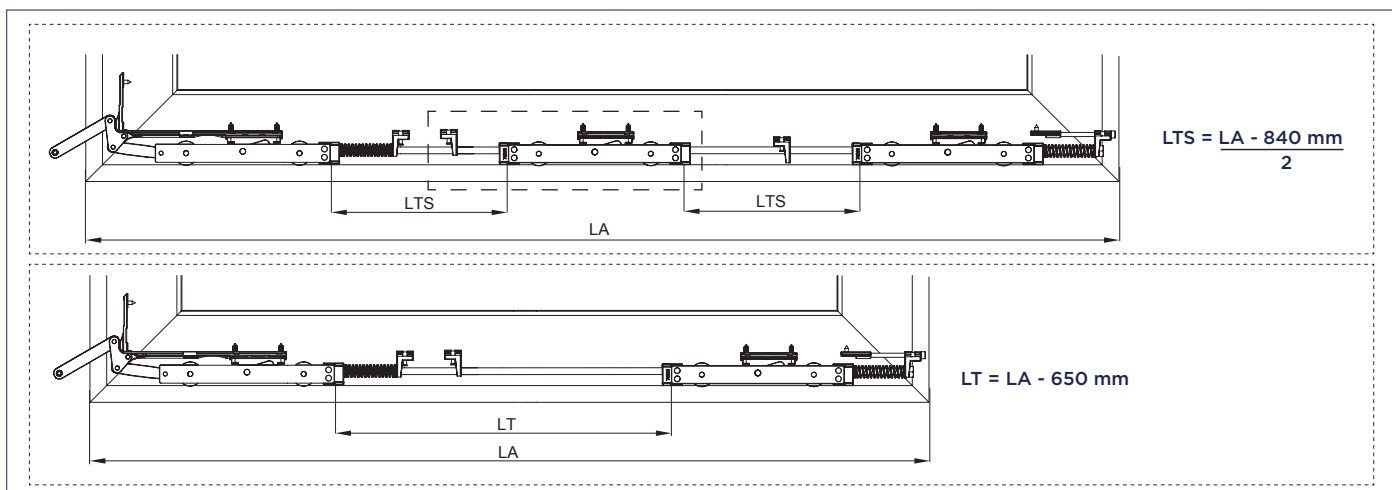
Carrello supplementare  
Additional roller



6720.5  
Asta di collegamento carrelli  
Roller connection rod



LAVORAZIONI PER 6720.5 | MACHINING PER 6720.5



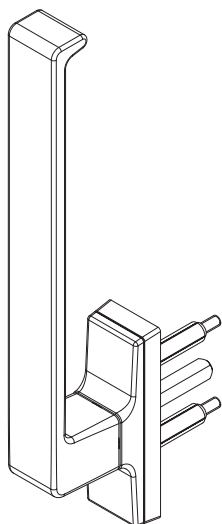
# AS200

## ACCESSORI SUPPLEMENTARI

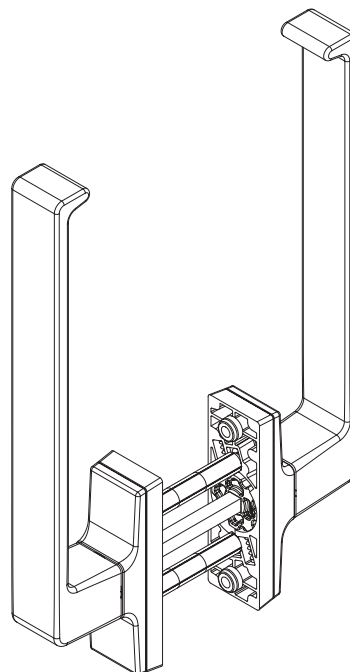
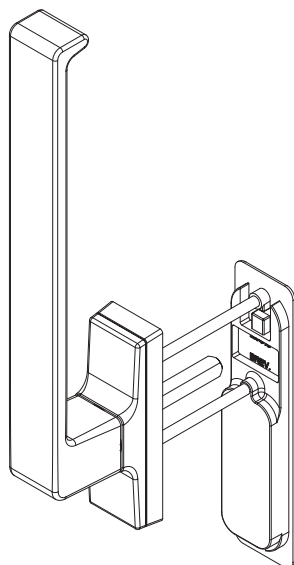
ART.	DESCRIZIONE DESCRIPTION
3080	"ITALIA" Martellina   "ITALIA" Handle
3080.11	"ITALIA" Doppia martellina "ITALIA" Double handle

ART.	DESCRIZIONE DESCRIPTION
3080.10	"ITALIA" Doppia martellina "ITALIA" Double handle

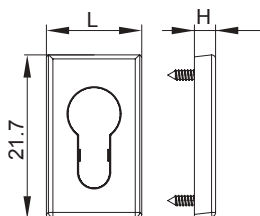
Art. 3080



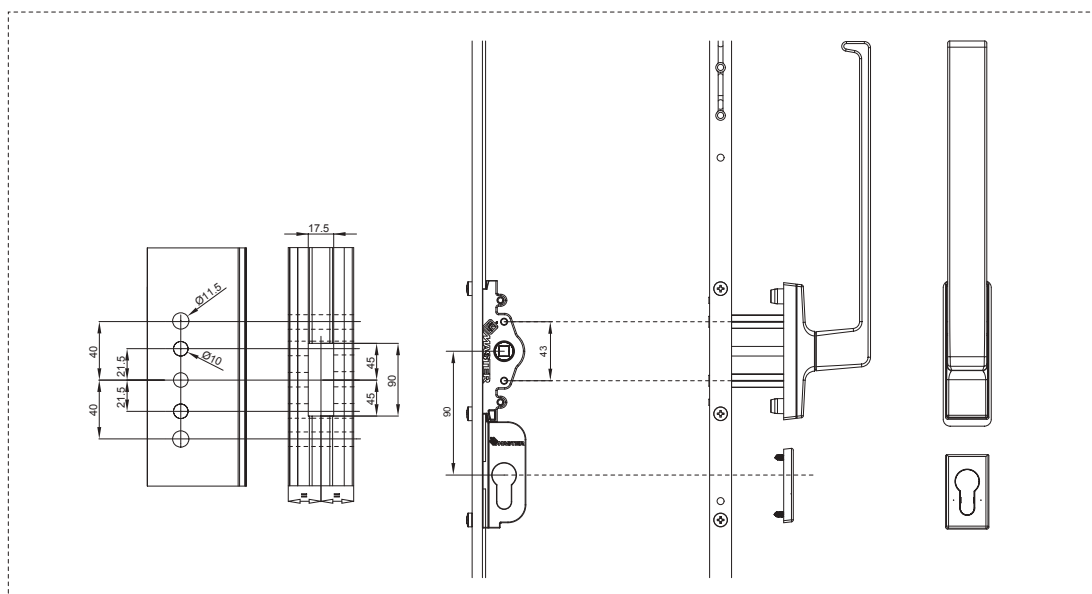
Art. 3080.11

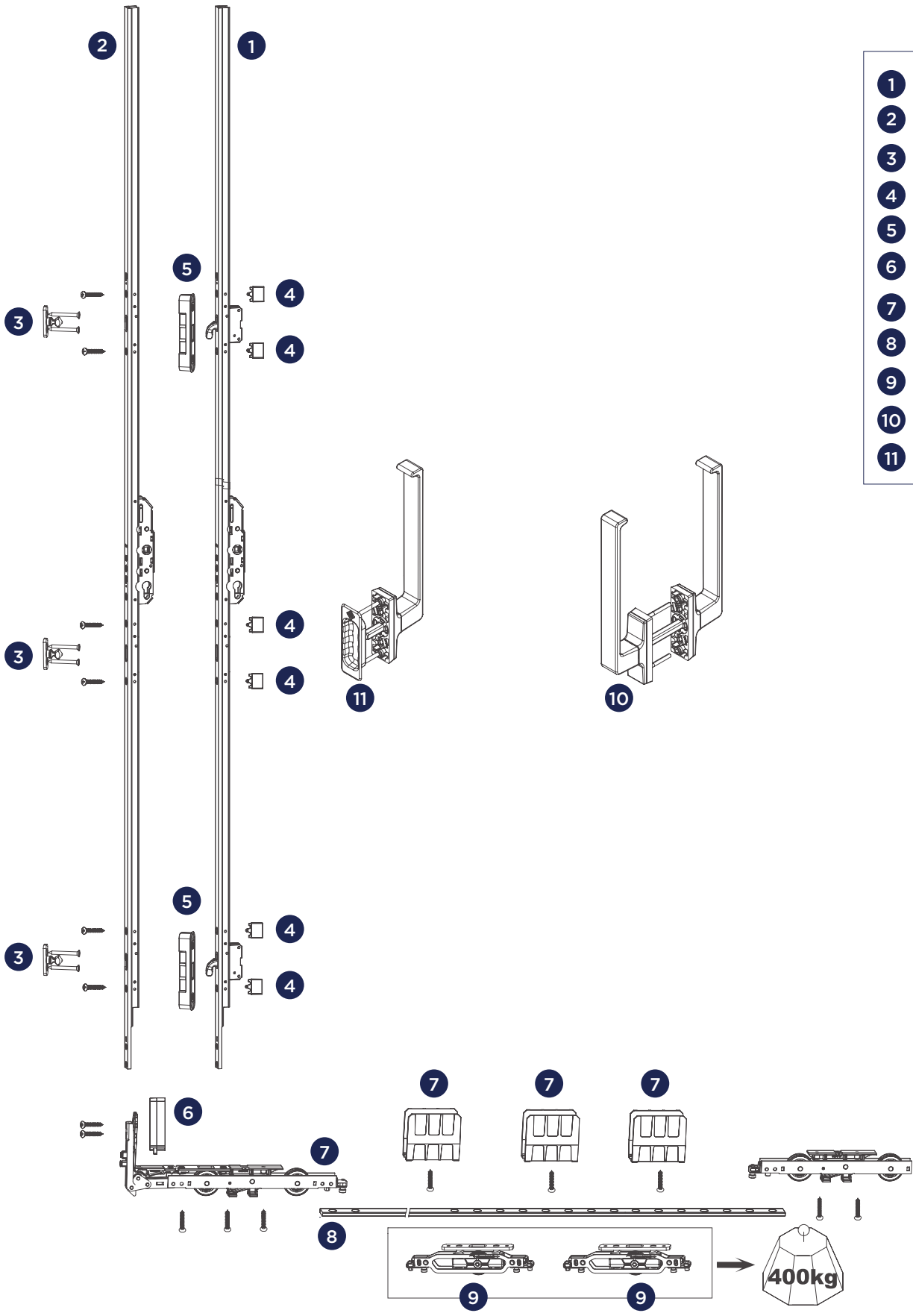


Art. 2129.4



ART.	DESCRIZIONE DESCRIPTION	H	L
2129.4	"ITALIA" Copricilindro di sicurezza sagomato in zama "ITALIA" Zamak security shaped cylinder cover	31.5	7





- 1 pag. 14
- 2 pag. 12
- 3 pag. 13
- 4 pag. 13
- 5 pag. 15
- 6 pag. 17
- 7 pag. 16
- 8 pag. 17
- 9 pag. 17
- 10 pag. 18
- 11 pag. 18

# ASTA DI CHIUSURA

## CHIUSURA PER SISTEMA AS300



Kit Cremonese | Cremonese kit | Kit crémone | Kit cremona



Cremonese in alluminio estruso, asta interna, viti di fissaggio, naselli e movimentazione in acciaio.



Cremonese in extruded aluminum, rod, screws, hook and movement in steel.



Crémone de aluminium extrudé, tringles, vis, pènes, mouvement en acier.

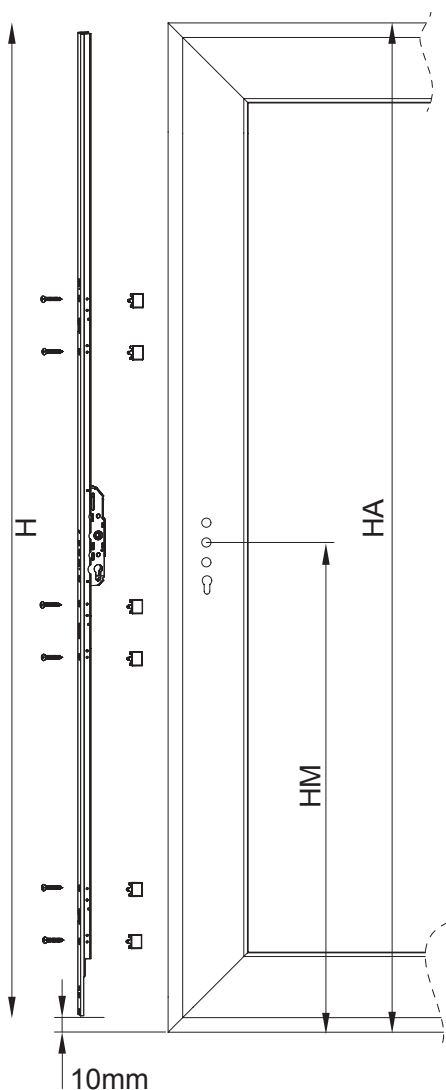


Cremona de aluminio extruido, pletinas, movimiento, tornillos, ganchos en acero.



ART.	673X.XX					
Imballo   Package   Conditionnement   Embalaje	2 Pz					
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1	2	3	4	5	6

Kit cremonese  
Cremonese kit

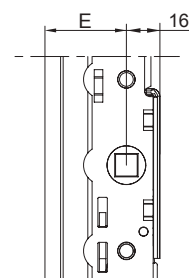
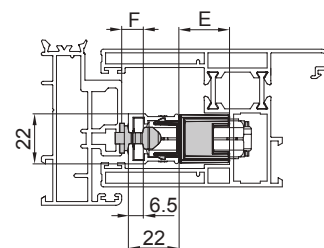
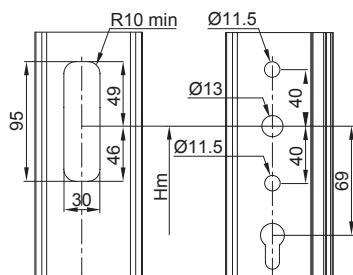


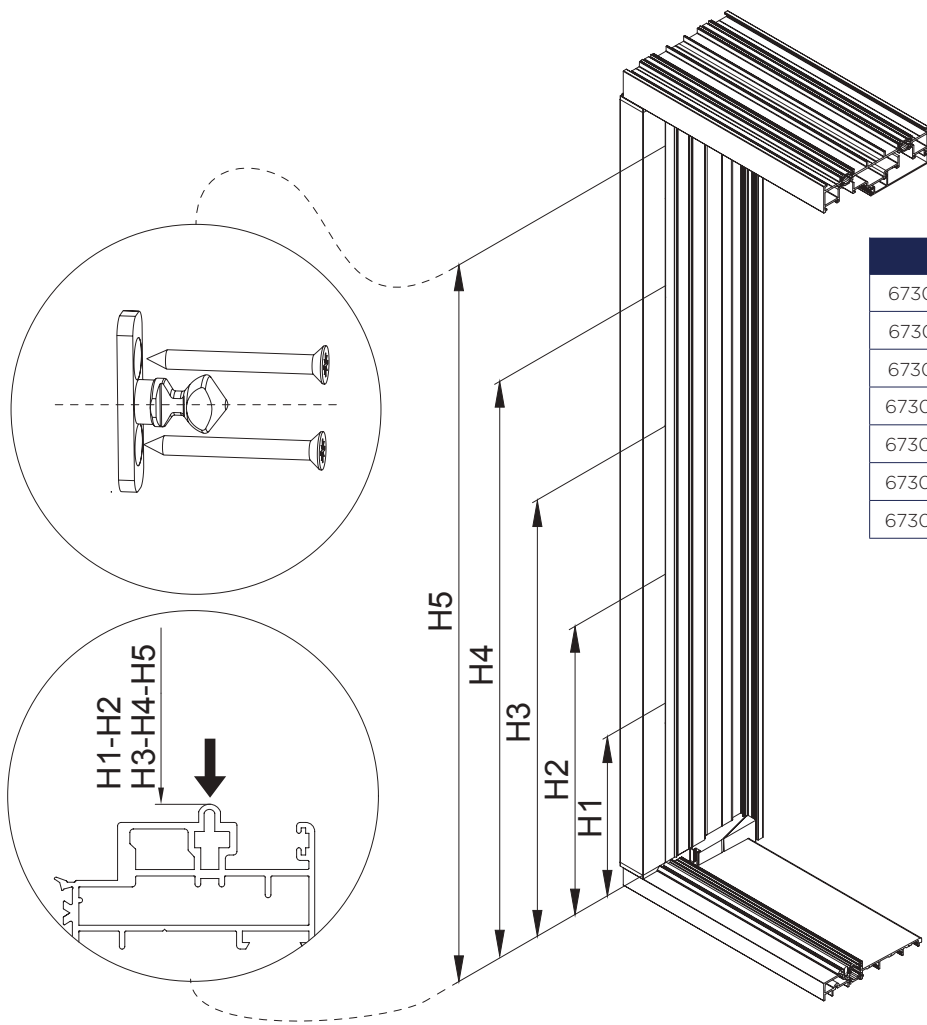
Art.	Hook*	H	HA	HM	E	H1	H2	H3	H4	H5
6731.13	2	1300	745-1360	400	37,5	195.5mm	585.5mm	-	-	-
6731.17	3	1700	1260-1760	400	37,5	195.5mm	585.5mm	1100mm	-	-
6731.21	4	2100	1660-2160	1000	37,5	195.5mm	695.5mm	1185mm	1500mm	-
6731.25	4	2500	2060-2560	1000	37,5	195.5mm	695.5mm	1185mm	1900mm	-
6731.28	4	2800	2460-2860	1000	37,5	195.5mm	695.5mm	1185mm	2300mm	-
6731.33	5	3300	2760-3360	1000	37,5	195.5mm	695.5mm	1185mm	1900mm	2700mm
6731.38	5	3800	3260-3860	1000	37,5	195.5mm	695.5mm	1185mm	2300mm	3100mm
6730.13	2	1300	745-1360	400	27,5	195.5mm	585.5mm	-	-	-
6730.17	3	1700	1260-1760	400	27,5	195.5mm	585.5mm	1100mm	-	-
6730.21	4	2100	1660-2160	1000	27,5	195.5mm	695.5mm	1185mm	1500mm	-
6730.25	4	2500	2060-2560	1000	27,5	195.5mm	695.5mm	1185mm	1900mm	-
6730.28	4	2800	2460-2860	1000	27,5	195.5mm	695.5mm	1185mm	2300mm	-
6730.33	5	3300	2760-3360	1000	27,5	195.5mm	695.5mm	1185mm	1900mm	2700mm
6730.38	5	3800	3260-3860	1000	27,5	195.5mm	695.5mm	1185mm	2300mm	3100mm

\*Abbinare ad ogni gancio 2 spessori asta A6736.XX  
\*Cobine each hook with 2 cremonese thickness A6736.XX

### LAVORAZIONI | MACHINING

Esterno | External    Interno | Internal





Art.	H1	H2	H3	H4	H5
6730 - 6731.13	195.5	585.5	-	-	-
6730 - 6731.17	195.5	585.5	1100	-	-
6730 - 6731.21	195.5	695.5	1185	1500	-
6730 - 6731.25	195.5	695.5	1185	1900	-
6730 - 6731.28	195.5	695.5	1185	2300	-
6730 - 6731.33	195.5	695.5	1185	1900	2700
6730 - 6731.38	195.5	695.5	1185	1185	3100

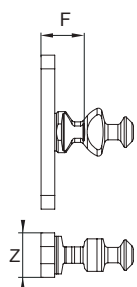
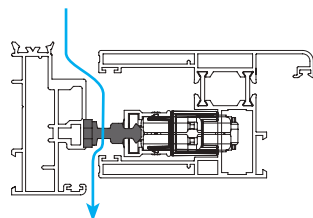


**6737**  
Ammortizzatore serratura  
Cremone damper

ART.	6734.XX						6736.XX						6737					
Imballo   Package   Conditionnement   Embalaje	20 Pz						20 Pz						1 Pz					
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6

**6734.1X**

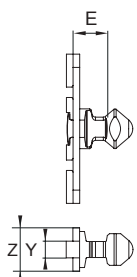
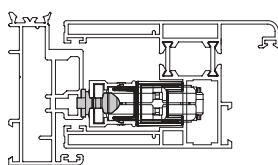
Chiusure con microventilazione  
Hook with microventilation



Art.	F	Z
6734.11	12	13
6734.12	14,5	13
6734.13	15,5	13
6734.14	19,5	13
6734.15	21,5	13
6734.16	26,5	13
6734.17	10,5	5

**6734.X**

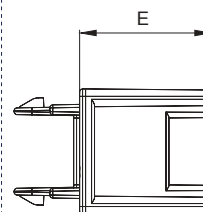
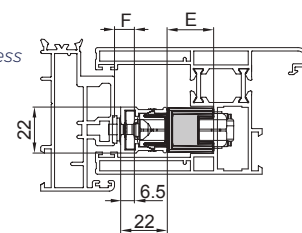
Chiusure standard  
Standard hook



Art.	E	Y	Z
6734.1	10,5	5	13
6734.2	12	7,9	13
6734.3	14,5	13	13
6734.4	15,5	13	13
6734.5	21,5	13	13
6734.6	26,5	13	13

**6736.XX**

Spessori aste  
Cremone thickness



Art.	E
6736.20	20,5
6736.22	22
6736.25	25,5
6736.30	30
6736.32	32
6736.36	36

# ASTA DI CHIUSURA

## CHIUSURA PER SISTEMA AS 300 CON UNCINI RETRAIBILI



Kit Cremonese | Cremonese kit | Kit crémone | Kit cremona



Cremonese in alluminio estruso, asta interna, viti di fissaggio, naselli e movimentazione in acciaio.



Cremonese in extruded aluminum, rod, screws, hook and movimentation in steel.



Crémone de aluminium extrudé, tringles, vis, pènes, mouvement en acier.



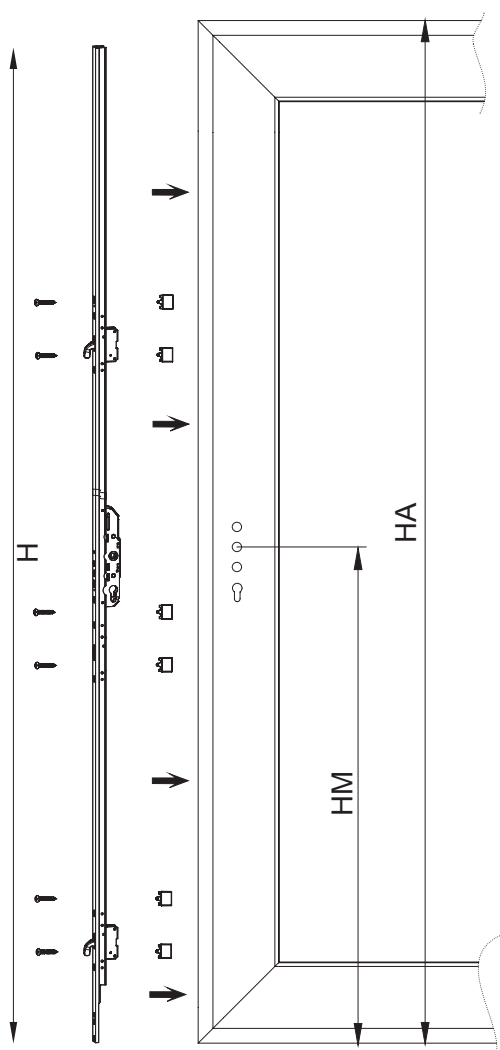
Cremona de aluminio extruido, pletinas, movimiento, tornillos, ganchos en acero.



ART.	673X.XX					
Imballo   Package   Conditionnement   Embalaje	2 Pz					
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1	2	3	4	5	6

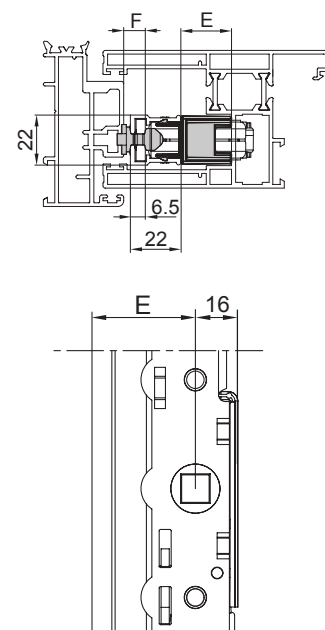
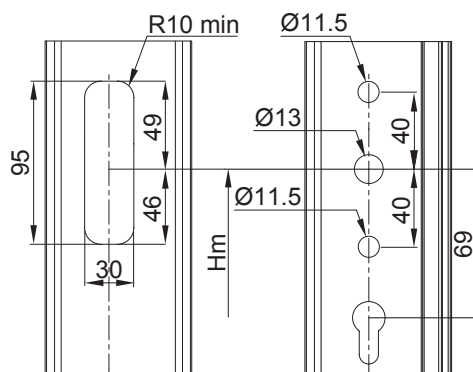
Art.	Hook*	H	HA	HM	E	H1	H2	H3
6733.25	2	2500	1835-2560	1000	37,5	212	1680	
6733.28	3	2800	2270-2860	1000	37,5	212	1212	2512
6733.33	3	3300	2670-3360	1000	37,5	212	1412	2512
6733.38	3	3800	2670-3860	1000	37,5	212	1412	2512
6732.25	2	2500	1835-2560	1000	27,5	212	1680	
6732.28	3	2800	2270-2860	1000	27,5	212	1212	2512
6732.33	3	3300	2670-3360	1000	27,5	212	1412	2512
6732.38	3	3800	2670-3860	1000	27,5	212	1412	2512

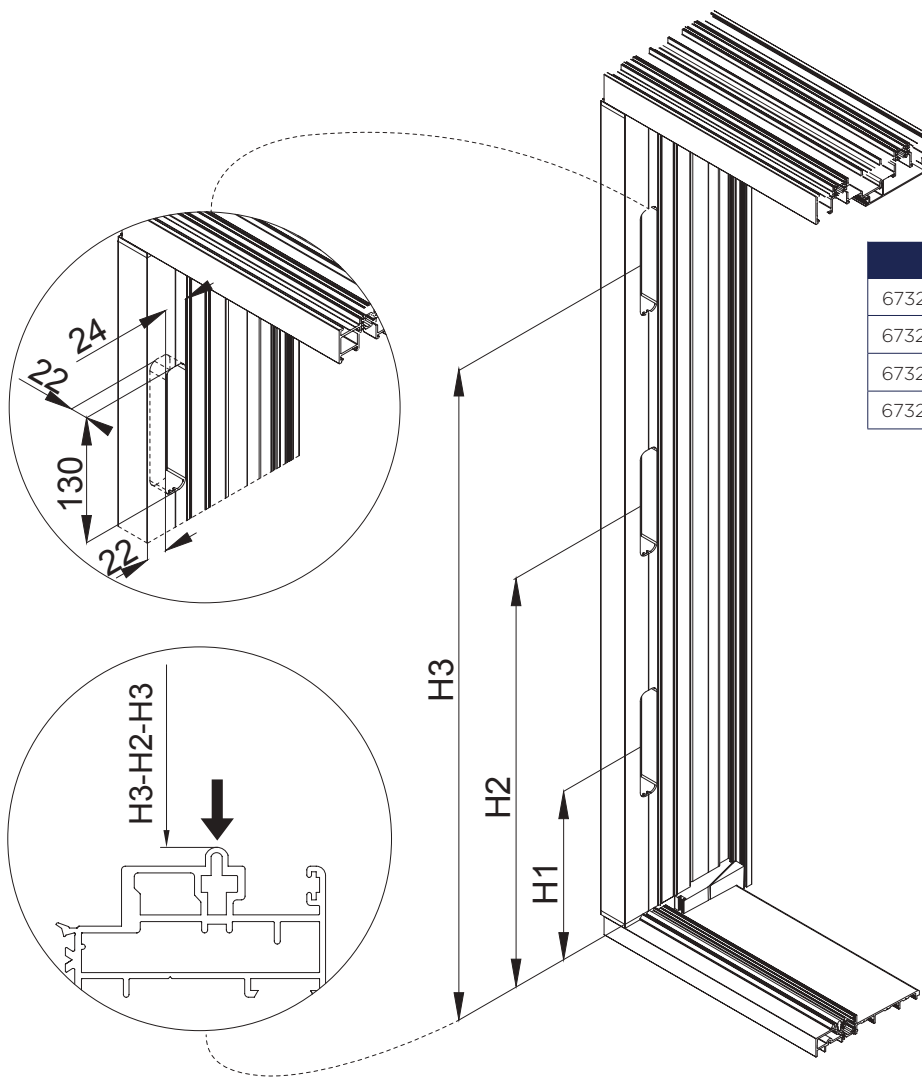
\*Abbinare ad ogni gancio 2 spessori asta A6736.XX  
\*Combine each hook with 2 cremone thickness A6736.XX



### LAVORAZIONI | MACHINING

Esterno | External    Interno | Internal

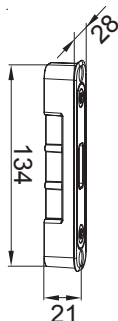




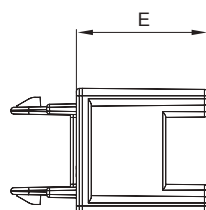
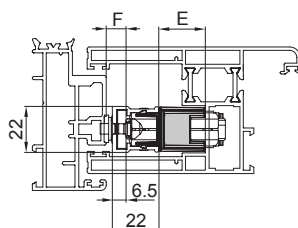
Art.	H1	H2	H3
6732 - 6733.25	210	798	1678
6732 - 6733.28	210	1210	2110
6732 - 6733.33	210	1410	2510
6732 - 6733.38	210	1410	2510

ART.	6735						6736.XX						6737					
Imballo   Package   Conditionnement   Embalaje	2 Pz						20 Pz						1 Pz					
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6

**6735**  
Riscontro regolabile  
Adjustable counterplate



**6736.XX**  
Spessori aste  
Cremone thickness



Art.	E
6736.20	20,5
6736.22	22
6736.25	25,5
6736.30	30
6736.32	32
6736.36	36

**6737**  
Ammortizzatore serratura  
Cremone dumper

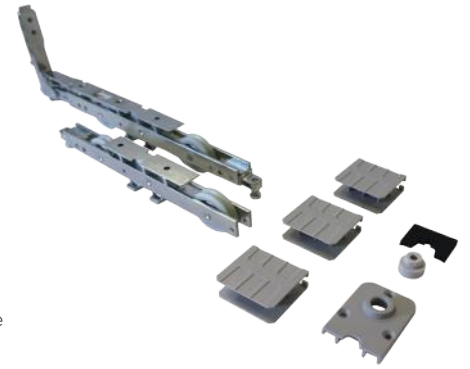


# KIT CARRELLI

## KIT CARRELLI AS300



Kit carrelli AS300 | Rollers kit AS300 | Kit chariots AS300 |  
Kit de ruedas AS300



Corpo in zama, costole, molle di regolazione e viti in acciaio inox, cuscinetti a sfera.



Zamak body, stainless steel springs and screws, bearing.

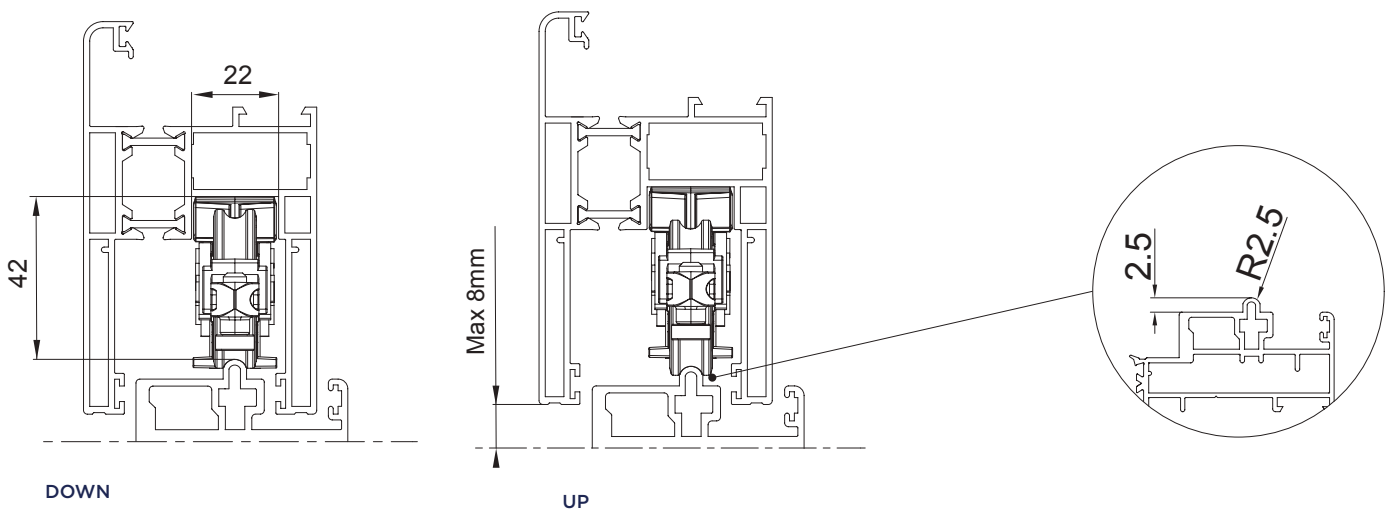
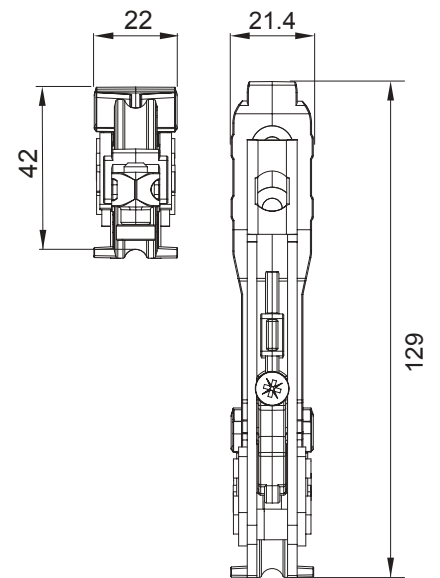
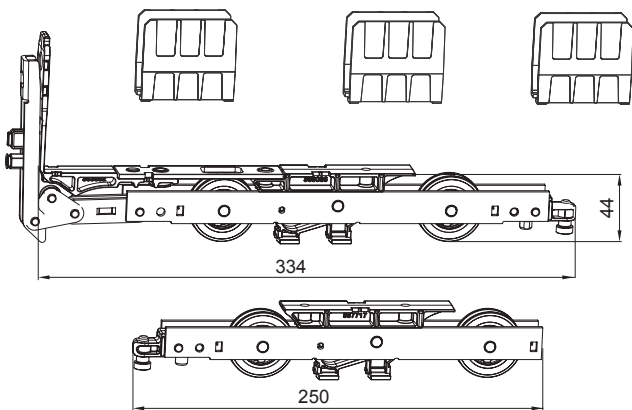


Corps en zamak, ressort et vis en acier inox, roulements à billes.



Cuerpo de zamac, muelles y tornillos de acero inox, bolas.

ART.	6740					
Imballo   Package   Conditionnement   Embalaje	1 Pz					
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1	2	3	4	5	6

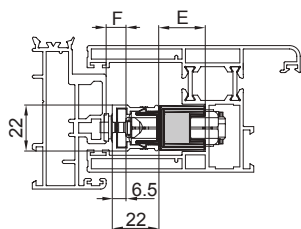
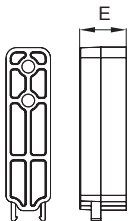




ART.	6742.XX						6741.X						6740.10					
Imballo   Package   Conditionnement   Embalaje	10 Pz						5 Pz						1 Cp					
Finiture disponibili   Available finishes Finitions disponibles   Acabados disponibles	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6

### 6742.XX

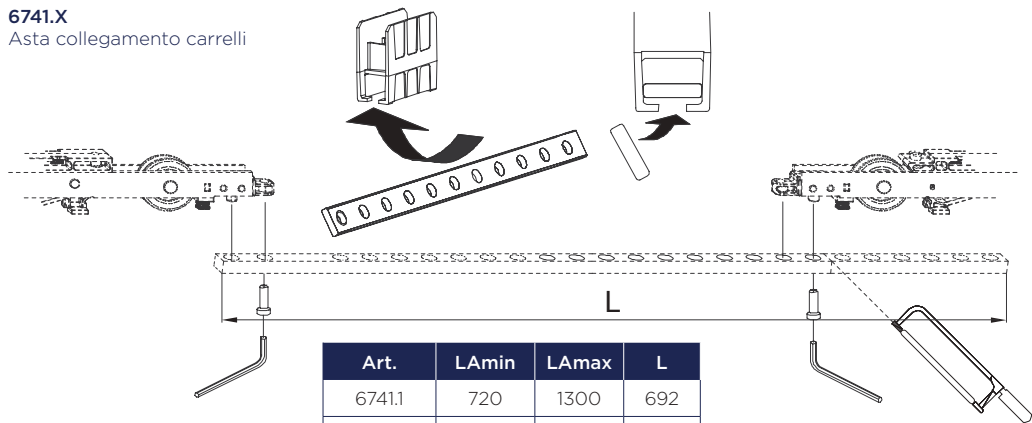
Spessore carrelli  
Rollers thickness



Art.	E
6742.20	20,5
6742.22	22
6742.25	25,5
6742.30	30
6742.32	32
6742.36	36

### 6741.X

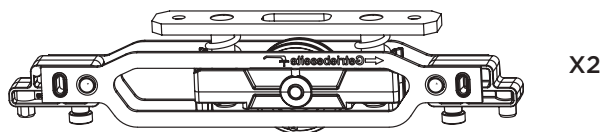
Asta collegamento carrelli



Art.	LAmin	LAmax	L
6741.1	720	1300	692
6741.2	1225	1800	1196
6741.3	1730	2305	1700
6741.4	2235	2810	2204
6741.5	2740	3385	2708

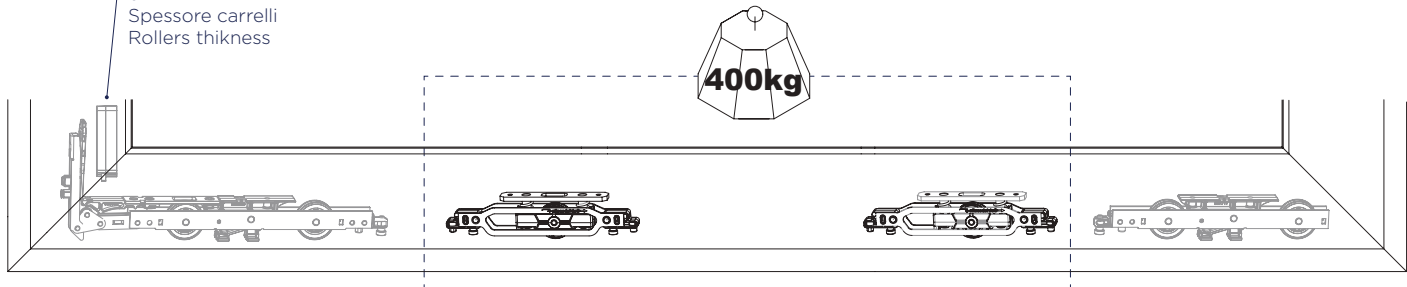
### 6740.10

Carrello supplementare



### 6742.XX

Spessore carrelli  
Rollers thickness



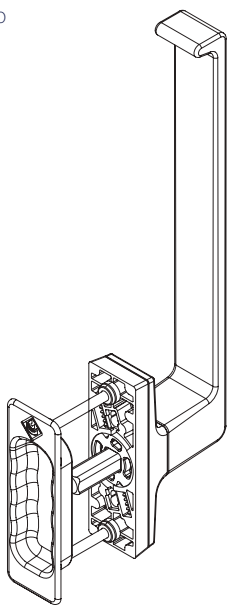
LAmin - 1200 mm

# AS300

## ACCESSORI SUPPLEMENTARI

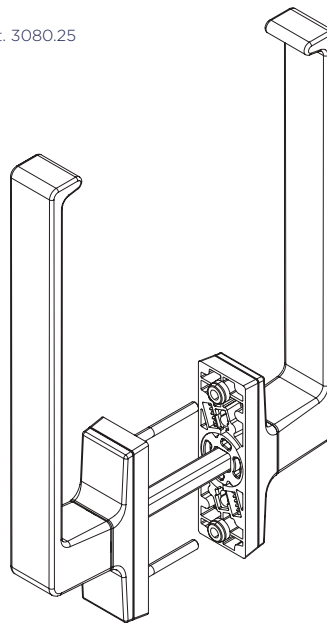
DESCRIZIONE DESCRIPTION	ART.
"ITALIA" Martellina "ITALIA" Handle	3080.20

Art. 3080.20

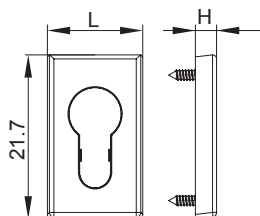


DESCRIZIONE DESCRIPTION	ART.
"ITALIA" Doppia martellina "ITALIA" Double handle	3080.25

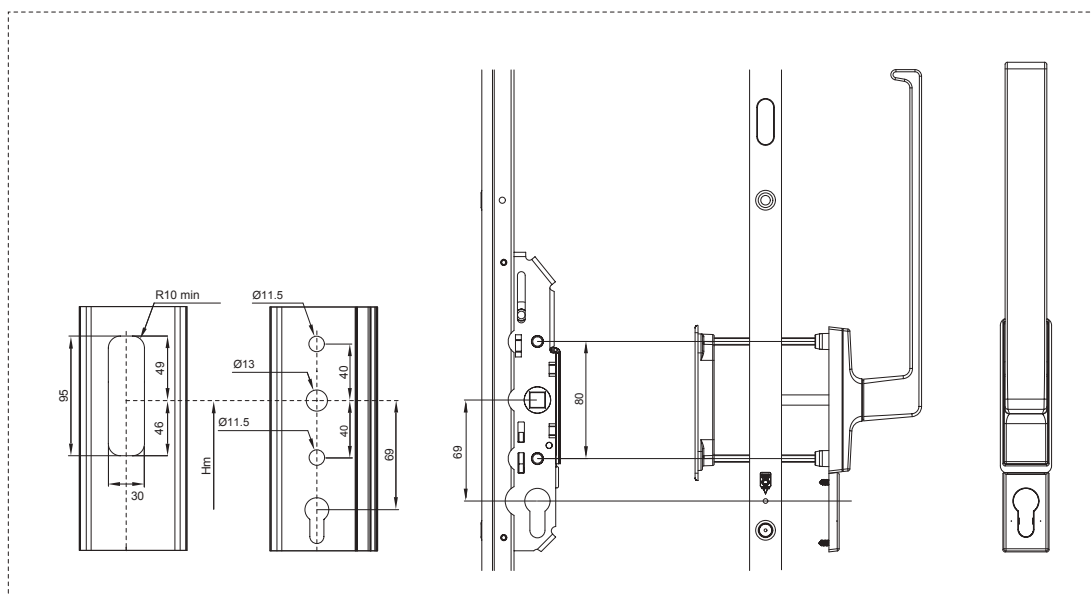
Art. 3080.25



Art. 2129.4



ART.	DESCRIZIONE DESCRIPTION	H	L
2129.4	"ITALIA" Copricilindro di sicurezza sagomato in zama "ITALIA" Zamak security shaped cylinder cover	31.5	7



# Videomontaggio

## Video mounting

05



**PUNTA IL QR CODE E SCOPRI SUBITO  
IL NOSTRO NUOVO CANALE MASTER TUBE.**

SCAN QR CODE AND FIND OUT  
MASTER TUBE CHANNEL.

 **MASTER Tube**

### 1 Finitura grezza

#### Mill Finish

Nessun trattamento di verniciatura.  
No painting treatment.

### 2 Finiture Tek - Speciali - Pvd

#### Tek - Special - Pvd Finishes

- Finitura vintage "old": bronzo, argento; • Trattamento goldfinish: oro, inox, inox satinato; • Finiture speciali: effetto titanio; • Pvd: ottone pvd, inox satinato pvd.
- "Old" vintage finishes: bronze, silver; • Goldfinish treatment: gold, inox, satin inox; • Special finishes: titanium
- Pvd: pvd brass, pvd satin inox.

### 3 Ossidazione anodica

#### Anodized colours

- Oro lucido, inox satinato, argento, bronzo; • Argento satinato, argento lucido.
- Shiny gold, satin inox, silver, bronze; • Satin silver, shiny silver.

### 4 Verniciatura (RAL1)

#### Painting (RAL1)

RAL 9010 (bianco) - RAL 9010op (bianco opaco) - RAL 1013 (avorio) - RAL 1013OP (avorio opaco) - AVOR (avorio scuro) - NERO OPACO.  
RAL 9010 (white) - RAL 9010op (mat white) - RAL 1013 (ivory) - RAL 1013OP (mat ivory) - AVOR (dark ivory) - MAT BLACK.

### 5 Verniciatura in altri colori (RAL2)

#### Painting in others colours (RAL2)

RAL 7001 grigio argento - RAL 6360 verde gotico - bronzo - RAL 9003 bianco - RAL 9001 avorio chiaro - RAL 3976 - marrone Gotico - marrone raggr. - RAL 8017 marrone - RAL 9005 nero - argento - verde scuro raggr. - RAL 6005 verde RAL 8019 marrone grigio - RAL 9420 grigio gotico - Marrone opaco - RAL 9006 argento - inox - RAL 6005OP Verde Opaco - VGRAY (Grigio Metallico).

RAL 7001 silver grey - RAL 6360 gothic green - bronze - RAL 9003 white - RAL 9001 lighr ivory - RAL 3976 - gothic brown - wrinkled brown - RAL 8017 brown - RAL 9005 black - silver - dark wrinkled green - RAL 6005 green - RAL 8019 grey brown - RAL 9420 gothic grey - mat brown - RAL 9006 silver - inox - RAL 6005OPmat green - VGRAY (metal grey).

### 6 Verniciatura Speciale

#### Special Painting

argento\*, bronzo\*  
silver\*, bronze\*

\*Effetto ossidato  
\*Anodized effect





# KARMA





# KARMA

Shape your future.

**ITA** Il futuro si modella attraverso ripetute forme di realizzazione, nulla viene dal nulla, la sostanza energetica può essere solo trasformata in molte forme diverse.

**ENG** *The future is modeled through repeated forms, nothing comes from nothing, the energetic substance can only be transformed into many different forms.*

**FRA** *Le futur se forme à travers des incarnations répétées, rien ne vient de rien, la substance énergétique ne peut être transformée que sous de nombreuses formes différentes.*

**ESP** *El futuro se configura a sí mismo a través de encarnaciones repetidas, nada surge de la nada, la sustancia energética solo puede transformarse en muchas formas diferentes.*



# PUNTI DI FORZA STRENGTHS

SCOPRI DI PIÙ  
DISCOVER MORE



**ITA** Il design moderno ed essenziale della linea KARMA permette l'installazione su tutte le tipologie di infissi mantenendo la stessa linea estetica.

**ENG** *The modern and essential design of the KARMA line allows installation on all types of fixtures while maintaining the same aesthetic line.*

**FRA** *Le design moderne et essentiel de la ligne KARMA permet l'installation sur tous types de menuiseries, avec la conservation de la même ligne esthétique.*

**ESP** *El diseño moderno y esencial de la línea KARMA permite la instalación en todo tipo de luminarias manteniendo la misma línea estética.*



**ITA** La linea KARMA offre un'ampia gamma di soluzioni: martelline, cremonesi, maniglioni, doppie maniglie. I prodotti sono disponibili in versione minimal design, classica, con chiave, manovra logica, con manico disassato.

**ENG** *The KARMA line offers a wide range of solutions: window handles, cremone bolts, lift&slide handles, double handles. The products are available in different version: minimal design, classic, with key, logic operation, with offset handle.*

**FRA** *La ligne KARMA propose une large gamme de solutions: poignées, grandes poignées, crémones, béquilles double. Les produits sont disponibles en version minimal, classique, avec clé, manoeuvre logique, avec manche désaxé.*

**ESP** *La línea KARMA ofrece una amplia gama de soluciones: manillas para ventanas, cremona, tiradores, tiradores dobles. Los productos están disponibles en diseño minimalista, clásico, con llave, operación lógica, con mango desplazado.*



**ITA** Le versioni con chiave della linea KARMA offrono maggiore sicurezza contro i tentativi di effrazione, sono testate con coppia di rottura 30Nm

**ENG** *The versions with key of the KARMA line offer greater security against break-in attempts, they are tested breakup torque 30Nm*

**FRA** *Les versions à clé de la gamme KARMA offrent une plus grande sécurité contre les tentatives d'effraction, et sont testées à couple de rupture de 30Nm*

**ESP** *Las versiones con llave de la línea KARMA ofrecen mayor seguridad ante intentos de robo, están testadas torque ruptura 30Nm*



**ITA** Le martelline della linea KARMA sono facili da installare grazie agli stabilizzatori che sostituiscono i classici distanziali e impediscono false rotazioni della cassa

**ENG** *The handles of the KARMA line are easy to install thanks to the stabilizers that replace the classic spacers and prevent false rotation of the case*

**FRA** *Les poignées simples de la ligne KARMA sont faciles à installer grâce aux stabilisateurs qui remplacent les entretoises classiques et empêchent les fausses rotations de la caisse*

**ESP** *Las martelinas de la línea KARMA son fáciles de instalar gracias a los estabilizadores que sustituyen a los clásicos espaciadores y evitan la falsa rotación de la caja*

# SCOPRI LA GAMMA COMPLETA DISCOVER THE COMPLETE RANGE



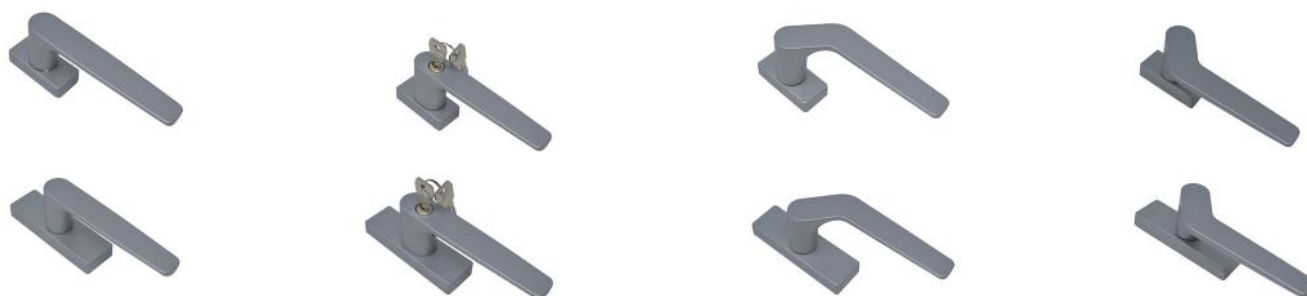
Martelline / Handles / Poignées / Martelinas



Martellina ribassata / Reduced Handle /  
Poginée baissè / Maneta baja



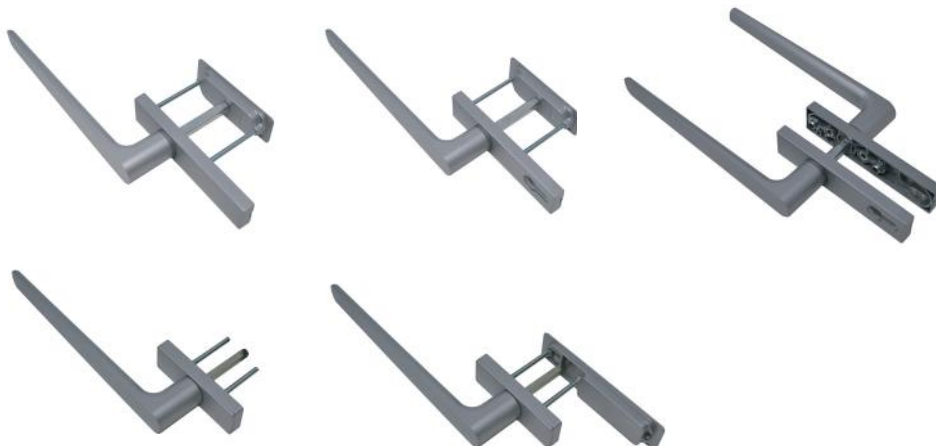
Martelline / Handles / Poignées / Martelinas



Cremonesi / Cremona Bolts / Crémones / Cremonas



Maniglioni per alzanti / Lift&Slide Handles  
Poignées pour coulissant a levage / Manillas para corredera elevable



Doppie Maniglie / Double Handle  
Béquilles doubles / Manillas dobles



# FINITURE FINISHES

## 2

TEK	SPECIALI (K-Finish) SPECIAL FINISHES	PVD
<b>OLDBRO</b> (Bronzo antichizzato)* (Old vintage finish bronze)*	<b>KGOLD</b> (Oro) (Gold)	<b>PVOTT</b> (Ottone) (Pvd brass)
<b>OLDARG</b> (Argento antichizzato)* (Old vintage finishe silver)*	<b>KINOX</b> (Inox lucido) (Inox)	<b>PVSAT</b> (Inox satinato) (Pvd satin inox)
	<b>KSATI</b> (Inox satinato) (Satin inox)	

## 4

RAL 1	RAL2	VERNICIATI SPECIALI SPECIAL FINISHES
<b>R9010</b> (Bianco) (White)	<b>R9001</b> (Avorio Chiaro) (Lighr ivory)	<b>ARGEN</b> (Argento effetto ossidato) (Silver anodized effect)
<b>R9010OP</b> (Bianco opaco) (Mat white)	<b>R9003</b> (Bianco) (White)	<b>BRONZ</b> (Bronzo effetto ossidato) (Bronz anodized effect)
<b>R1013</b> (Avorio) (Ivory)	<b>R9005</b> (Nero) (Black)	
<b>R1013OP</b> (Avorio opaco) (Mat ivory)	<b>R6005</b> (Verde) (Green)	
<b>AVOR</b> (Avorio scuro) (Dark ivory)	<b>R6005OP</b> (Verde Opaco) (Mat green)	
<b>NEOPA</b> (Nero opaco) (Mat black)	<b>R8017</b> (Marrone) (Brown)	
<b>Nylon 9010</b> (White)	<b>R8017OP</b> (Marrone Op.) (Mat brown)	
<b>Nylon 1013</b> (Ivory)	<b>R8019</b> (Marrone grigio) (Grey brown)	
	<b>R9006</b> (Argento) (Silver)	
	<b>R7001</b> (Grigio argento) (Silver grey)	
	<b>VEARG</b> (Argento) (Silver)	
	<b>VEBRO</b> (Bronzo) (Bronze)	
	<b>MARAG</b> (Marrone Rag.) (Wrinkled brown)	
	<b>VSCRA</b> (Verde Scu.Rag) (Dark wrinkled green)	
	<b>G6360</b> (Verde Gotico) (Gothic green)	
	<b>G9420</b> (Grigio Gotico) (Gothic grey)	
	<b>G3976</b> (Marrone Gotico) (Gothic brown)	
	<b>GTECH</b> (Grigio Tecnico) (Tech grey)	
	<b>VGRAY</b> (Grigio Metallico) (Metal grey)	
	<b>RAL 9016</b> (Bianco Ghiaccio) (Ice White)	
	<b>RAL 9016OP</b> (Bianco Ghiaccio Opaco)(Mat IceWhite)	
	<b>RAL 9007</b> (Grigio Alluminio) (Aluminium Grey)	
	<b>RAL 1015OP</b> (Avorio Panna Opaco) (Mat ivory)	
	<b>RAL 7016OP</b> (Grigio Antracite Opaco)(Mat anthra- cite gray)	
	<b>Nylon Verde / Nylon Green</b>	
	<b>Nylon Marrone / Nylon Brown</b>	



Disponibile con trattamento antibatterico MASTERSHIELD® / Available with MASTERSHIELD® antimicrobial treatment



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