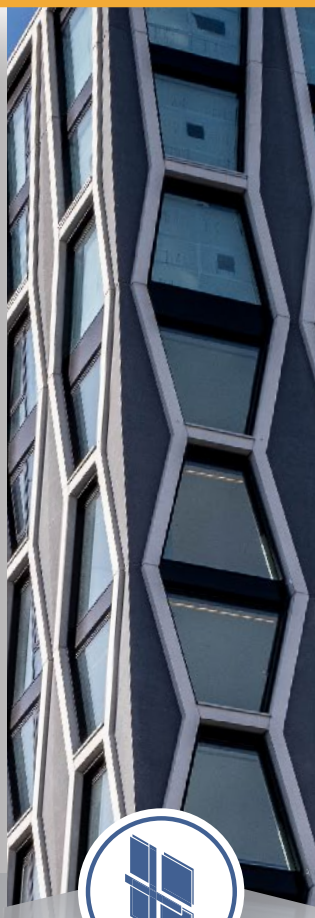
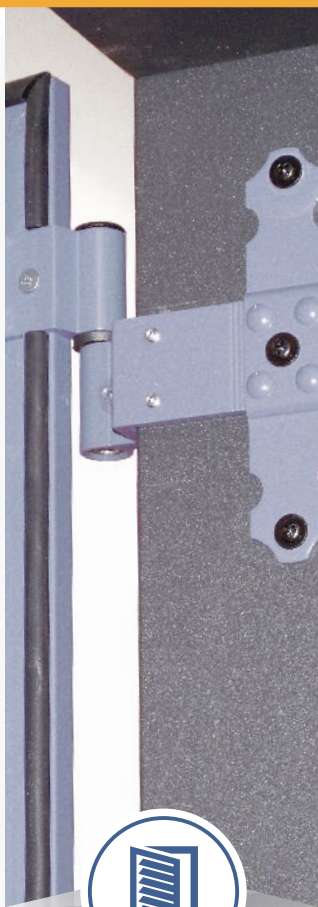


H | HAMMER

MADE IN ITALY

CATALOGO PRODOTTI - PRODUCTS CATALOG - CATALOGUE DE PRODUITS



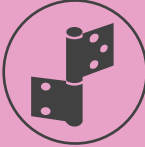


CATALOGO PRODOTTI
PRODUCT CATALOG
CATALOGUE DE PRODUITS

2025

#passionforaluminium

PASSION
FOR
ALUMINIUM

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Chi siamo

Abbiamo una vera e propria **passione per l'alluminio**, con cui realizziamo tutti i nostri prodotti: progettiamo e produciamo accessori per serramenti in alluminio dal 1972.

Ci rivolgiamo all'**industria del serramento** nel suo complesso: serramentisti, System House, costruttori di facciate continue e pareti divisorie che necessitano di soluzioni per l'apertura, la chiusura e la giunzione di profilati oppure di componenti meccaniche in alluminio e acciaio progettati ad hoc.

Il nostro catalogo comprende più di **1000 prodotti** per porte, finestre, persiane, facciate continue e fotovoltaico.

en

ABOUT US

We have a real **passion for aluminium**, which is our material of choice: we have been designing and manufacturing aluminium window and door accessories since 1972.

We address the **joinery industry** as a whole: window fitters, System Houses, curtain wall and partition wall manufacturers who need solutions for opening, closing and joining profiles or custom-designed aluminium and steel mechanical components.

Our catalogue includes more than **1000 products** for doors, windows, shutters, curtain walls and photovoltaics.

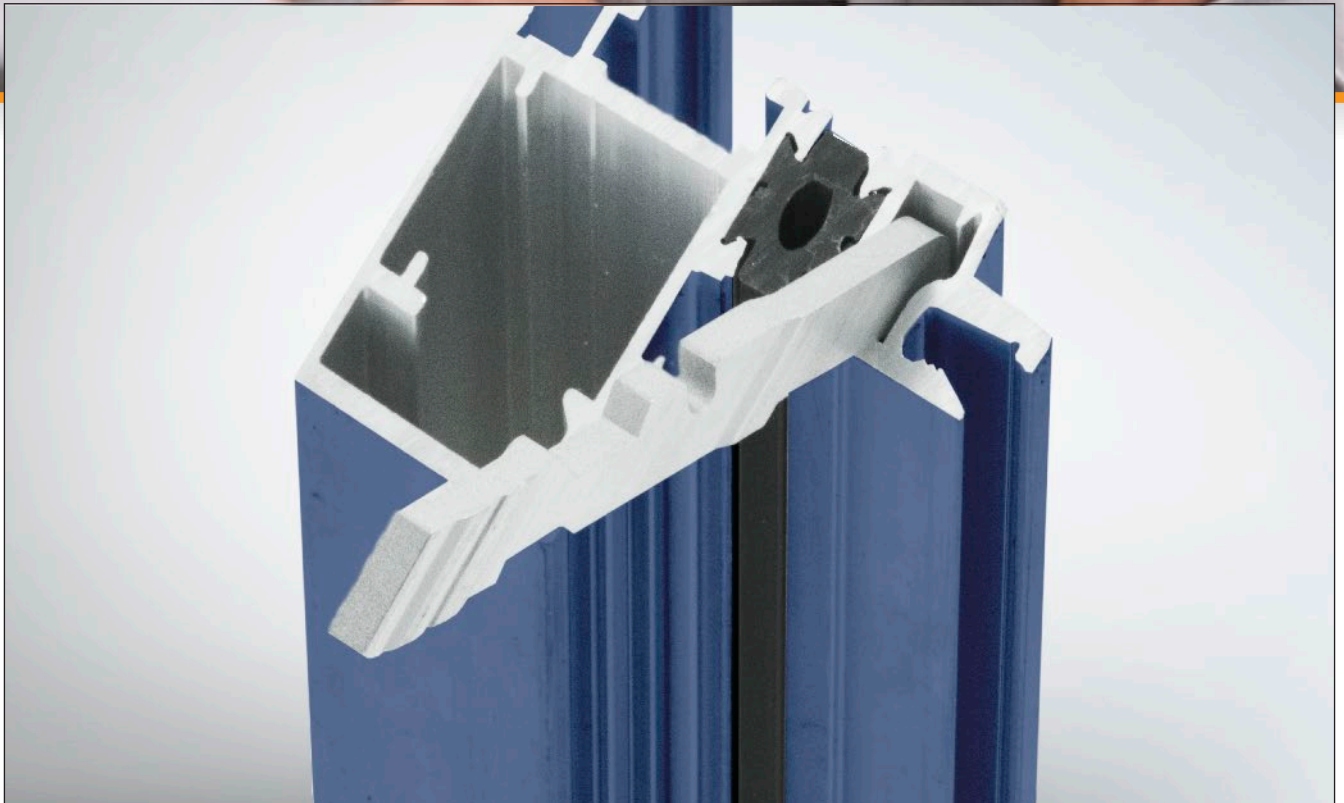
fr

NOTRE ACTIVITÉ

Nous avons une véritable **passion pour l'aluminium**, avec lequel nous fabriquons tous nos produits: nous concevons et produisons des accessoires pour fenêtres, volets e portes en aluminium depuis 1972.

Nous nous adressons à toute l'**industrie de l'aluminium**: constructeurs de fenêtres, fabricants de mur-rideaux et de cloisons équipées qui ont besoin de formules et produits pour l'ouverture, la fermeture et la jonction des vantaux.

Notre catalogue comprend plus de **1000 produits** pour portes, fenêtres, volets, murs-rideaux et photovoltaïques.

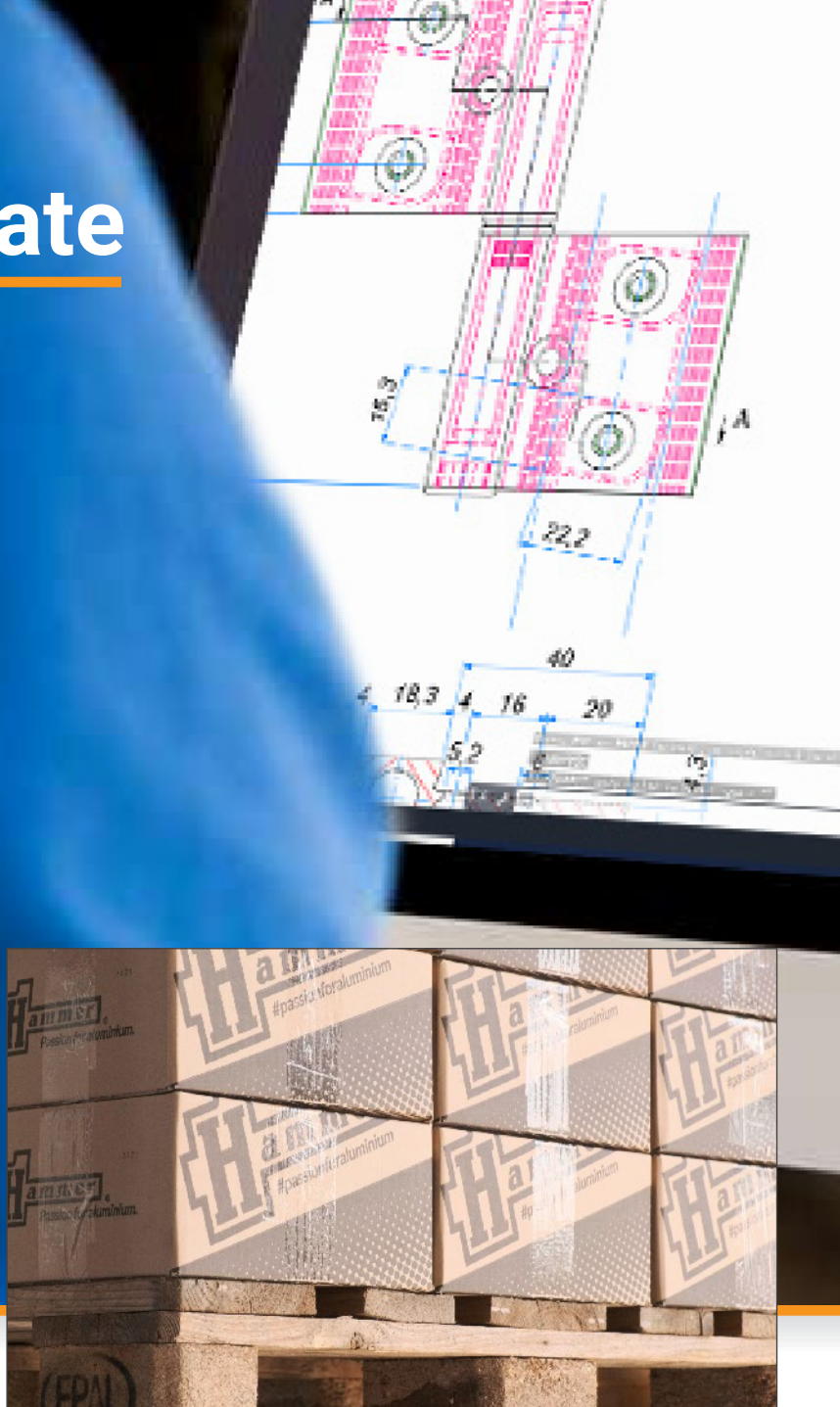


Soluzioni personalizzate

Affianchiamo il cliente in tutte le fasi dello sviluppo del prodotto, dall'idea alla consegna.

Gestiamo internamente ogni fase del processo dal concept iniziale alla progettazione, fino alla produzione e all'assemblaggio finale di vari tipi di accessori per serramenti in alluminio.

Oltre a personalizzare il confezionamento dei nostri prodotti e fornire tutta la documentazione necessaria, seguiamo con scrupolosità ogni fase della consegna.



en

TAILOR-MADE SOLUTIONS

We support our customers at all stages of product development, from initial design concept to delivery. We manage every stage of the process in-house, from the initial concept to the design, manufacture and final assembly of our aluminium joinery accessories (corner cleats, hinges and so on).

In addition to customising the packaging and providing all the necessary documentation, we scrupulously follow every stage of delivery.

fr

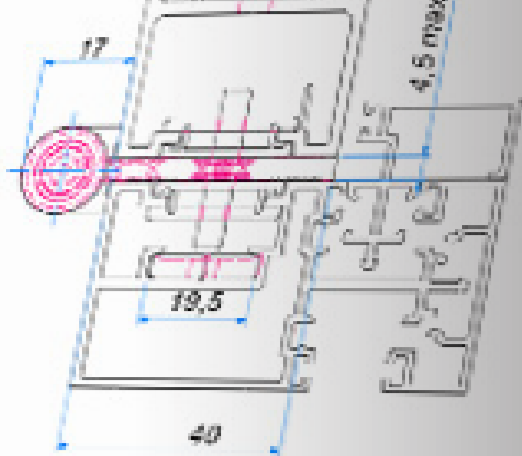
SOLUTIONS PERSONNALISÉES

Nous supportons le client pendant toutes les étapes du développement du produit, de l'idée à la livraison.

Nous gérons chaque étape du processus en interne, du concept initial et de la conception, jusqu'à la production et à l'assemblage final des tous les accessoires en aluminium pour menuiserie.

Nous personnalisons l'emballage de nos produits, fournissons toute la documentation nécessaire et suivons attentivement toutes les étapes de la livraison.

Progettazione e area test



Il nostro ufficio tecnico si avvale di soluzioni tecnologiche all'avanguardia per progettare, sviluppare e testare sempre nuovi prodotti, in costante sinergia con gli altri reparti aziendali.

Siamo in grado di co-progettare insieme ai nostri clienti soluzioni innovative di apertura, chiusura e giunzione per profilati, nel settore dei serramenti in alluminio e per altri settori industriali.

Siamo in grado di progettare utilizzando software 3D e prototipare in 3D in alluminio e plastica.



en

DESIGN AND DEVELOPING

Our technical department uses state-of-the-art technological solutions to design, develop and test new products, in constant synergy with other company departments.

We are able to co-design with our customers innovative opening, closing and joining solutions for profiles, in the aluminum window and door industry and other industries.

We are able to design using 3D software and we realize 3D prototyping in aluminum and plastic.

fr

RECHERCHE ET DÉVELOPPEMENT

Notre département technique utilise des solutions technologiques de pointe pour concevoir, développer et tester de nouveaux produits, en synergie constante avec les autres départements de notre entreprise.

En collaboration avec nos clients, nous sommes en mesure de concevoir des solutions innovantes d'ouverture, de fermeture et d'assemblage de profilés, dans le secteur des portes et fenêtres en aluminium et dans d'autres secteurs industriels.

Nous sommes en mesure de concevoir à l'aide de logiciels 3D et de réaliser des prototypes 3D en aluminium et en plastique.

Qualità

Ci impegniamo costantemente a migliorare i nostri processi aziendali per garantire elevati standard di **qualità** e per offrire soluzioni che soddisfino le esigenze del Cliente.

Tutti i cicli di lavorazione sono studiati per garantire la **tracciabilità completa del lotto di produzione** e i nostri prodotti soddisfano i parametri di efficienza per quanto riguarda la **durata e la resistenza alla corrosione**.

Il nostro sistema di gestione qualità è certificato secondo norma **UNI EN ISO 9001:2015**.

en

QUALITY

We are constantly aiming to improve our process technology to meet the customers' requirements and achieve the highest **quality** standards. All processing cycles are designed to ensure **complete traceability of the production lot** and our products meet the requested performance parameters in terms of **durability and corrosion**. Our Company's Quality Management System is certified **UNI EN ISO 9001:2015**.

fr

QUALITÉ

Nous nous engageons à améliorer notre système d'entreprise pour garantir des standards de **qualité** élevés et pour offrir des solutions capables de satisfaire les exigences de nos clients. Tous nos cycles de production sont projetés pour assurer la **traçabilité du lot de production** et nos produits satisfont les paramètres d'efficacité pour ce qui concerne la **durabilité et la résistance à la corrosion**. Notre système de management de la qualité est certifié **UNI EN ISO 9001:2015**.



QxC Servizio Colore

Grazie al nostro Servizio "QxC – Quantità per Colore" siamo in grado di personalizzare i nostri accessori con un'ampia gamma di colori e finiture:

- tutti i colori della gamma RAL (verniciatura a polvere termoindurente);
- effetto mazzato;
- effetto grinzato.

Il servizio di personalizzazione QxC è disponibile anche per piccoli ordini con un contributo fisso per il colore scelto.

Contattateci per scoprire quanto è semplice il nostro servizio colore!



en

QXC - ANY COLOR YOU LIKE

Thanks to our "QxC - Any color you like" service we can customize our accessories with many color and finish choices:

- all RAL colors (thermosetting powder coating);
- moire finish;
- wrinkle finish.

Color and finish customizations are available for small orders with a small additional fixed fee per colour. Contact us to discover how easy it is to use our Colour Service.

fr

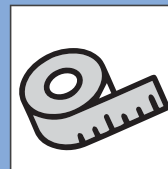
QXC - QUANTITÉ FOIS COULEUR

Grâce à notre service "QxC – Quantité fois Couleur" nous pouvons customiser nos accessoires avec un large éventail de teintes et finitions:

- toutes les couleurs de la gamme RAL (peinture à poudre thermodurcissable);
- finition moirée;
- finition ridé.

Notre service de customisation QxC est disponible aussi en petite série, avec contribution fixe pour la teinte que vous choisissez.

Servizio "Su misura"



Con il Servizio "Su misura" possiamo personalizzare gli articoli a seconda delle vostre esigenze anche per piccoli ordini. Il servizio è disponibile per tutti i nostri accessori a catalogo dove trovate l'icona specifica.

Dal progetto al prodotto bastano 3 semplici passi:

- 1) **Disegno del cliente;**
- 2) **Risposta del nostro Ufficio Tecnico;**
- 3) **Produzione "su misura".**

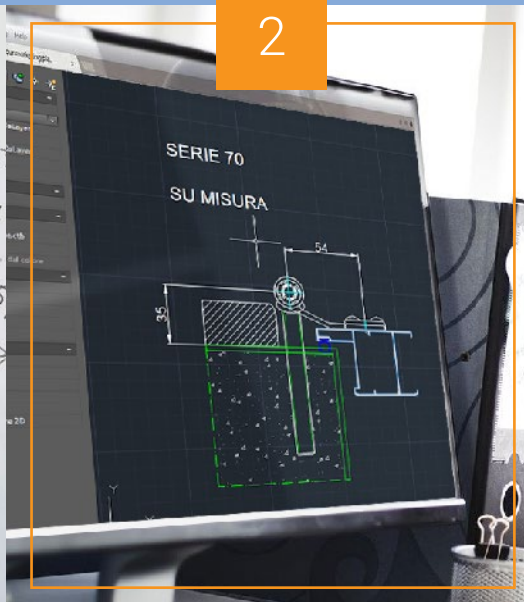
Contattateci al **+39 0141 951449** o scrivetece a **hammer@hammer.biz**.

Insieme troveremo la soluzione su misura per voi.

1



2



3



en

"MADE TO MEASURE" SERVICE

With the "Made to measure" service we can customize our products according to customer requirements. This service is available for small orders and for our accessories with the "Made to measure" (meter) icon in the catalog page.

From customer project to final product in three simple steps:

- 1) **Customer's design or draft;**
- 2) **Assessment by our Technical Office;**
- 3) **Customized production.**

For any further needs feel free to contact us to **hammer@hammer.biz**. **Together we will find the tailored made solution for you.**

fr

SERVICE "SUR MESURE"

Avec le service "Sur mesure" nous pouvons personnaliser nos produits d'intérieur selon les exigences du client. Cette customisation est disponible aussi en petite série et peut être réalisée pour tous nos accessoires avec l'icône correspondante sur la page du catalogue (icône du mètre).

Du projet au produit, trois simples étapes suffisent:

- 1) **projet du client;**
- 2) **réponse de notre Bureau Technique;**
- 3) **production "sur mesure".**

N'hésitez pas à nous contacter sur **hammer@hammer.biz**: nous vous conseillerons et nous trouverons ensemble la solution meilleure.

Legenda

Legend · Légende



Per cardine interno
For internal pivot · Pour gond d'intérieur



Bordo arrotondato
Rounded edge · Bord arrondi



Angolo intero
Whole angle · Coin entier



Angolo sovrapposto
Overlapped angle · Coin sus-jacente



Regolabile in orizzontale
Horizontally adjustable · Réglable en horizontal



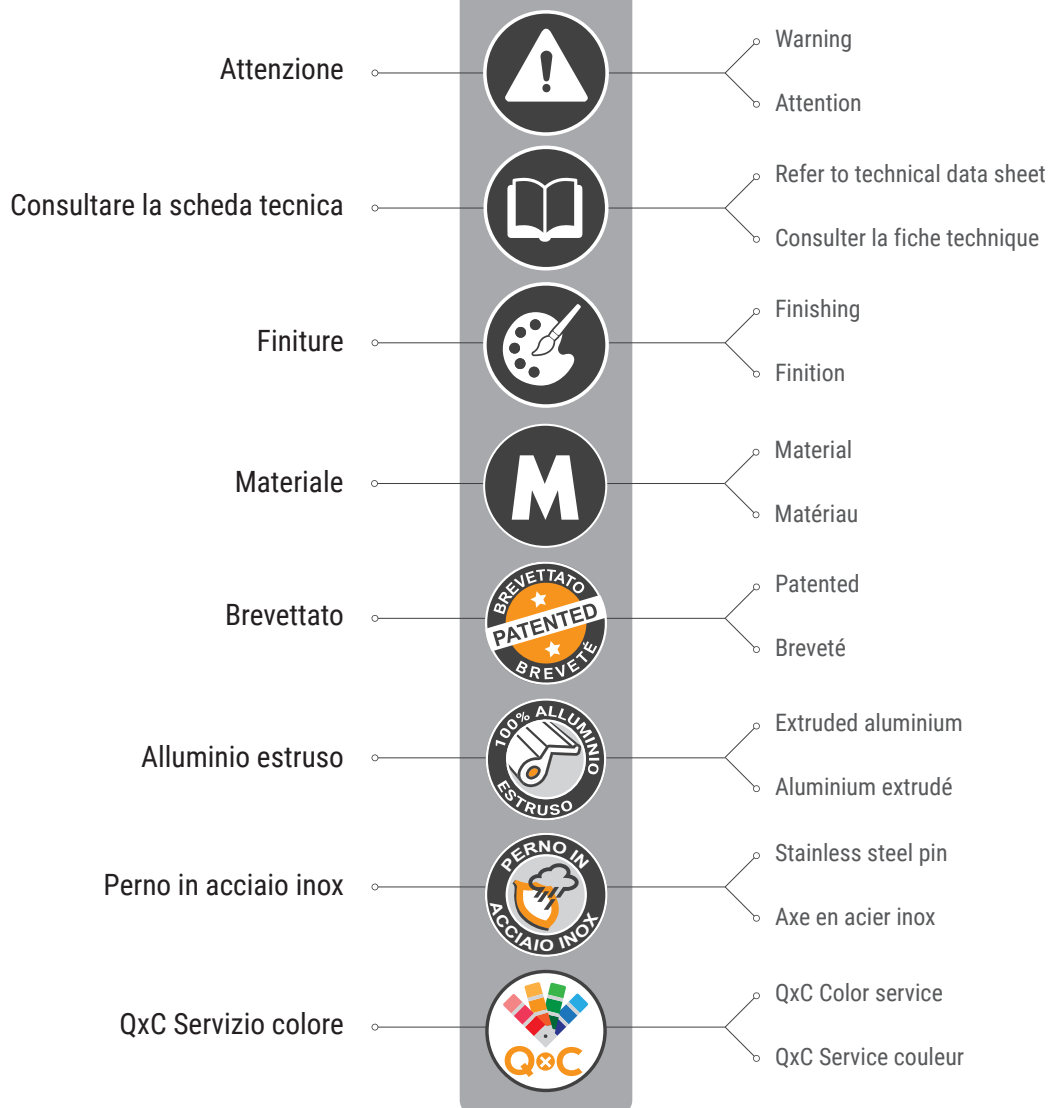
Regolabile in verticale
Vertically adjustable · Réglable en vertical



Servizio su misura
Made to measure service · Service sur mesure



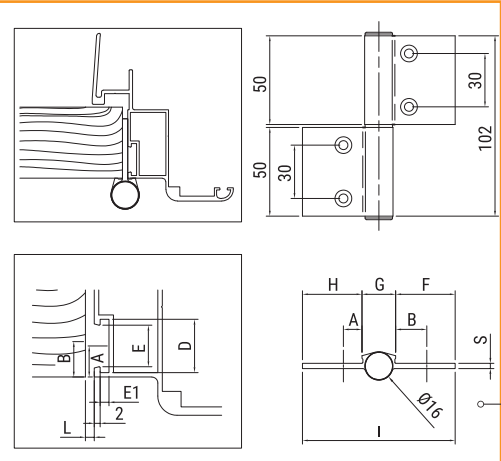
T.D. Take-down kit



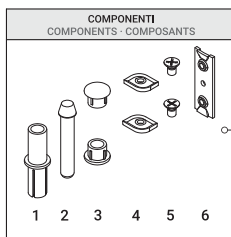
Struttura delle pagine

Page structure • Structure de la page

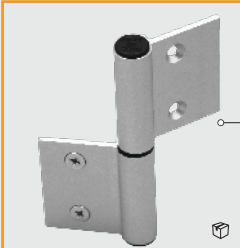
AG 2+2



COMPONENTI
COMPONENTS - COMPOSANTS



* Comp. 6 sostituisce/replaces/remplace 4



50 pz

Cerniera per porte interne alluminio / legno 2+2 fori
Hinge for indoor aluminium / wood doors, 2+2 holes
Paumelle pour portes d'intérieur en aluminium / bois, 2+2 trous

PORTATA
LOAD CAPACITY - CAPACITÉ

2 pezzi - pieces - pièces **25 Kg**

PAG. 12

FINITURA
FINISHING - FINITION

	Alluminio Aluminium	Grezzo Raw - Brut
	Ox Arg	Argento ossidato Anodized silver Anodisé argent
	RAL	Verniciatura a polvere Powder coated Revêtement en poudre
	Q&C	Su richiesta On request Sur demande

CODICE - CODE	L	S	A	B	C	D	E	E1	F	G	H	I	NOTE - NOTES
AG-26	3,5	3	10,5	17,5	-	18	14	3	33,5	19	33,5	86	Per - for - pour C.E.
AG-IN	3,5	3	10,5	17,5	-	18	14	3	33,5	19	33,5	86	Per - for - pour C.E. *
AG-DCA	3,5	3	23,5	23,5	-	18	14	3	33,5	19	33,5	86	
AG-DCB	3,5	3	11	11	-	18	14	3	33,5	19	33,5	86	
AG-OD	3,5	3	10,5	17,5	-	18	14	3	33,5	19	23,5	76	Su richiesta On request - Sur demande

C.E. = Camera europea • Eurogroove • Chambre européenne

Famiglia o codice articolo
Family or product code
Famille ou code article

Immagine e descrizione articolo
Article photo and description
Image et description de l'article

Informazioni tecniche
Technical informations
Informations techniques

Portata
Load capacity
Portée

Finiture superficiali
Surface treatments
Traitements de surface

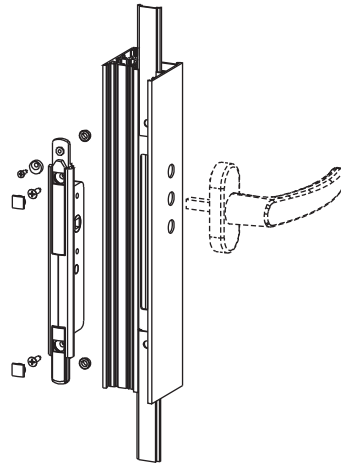
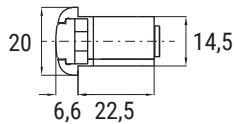
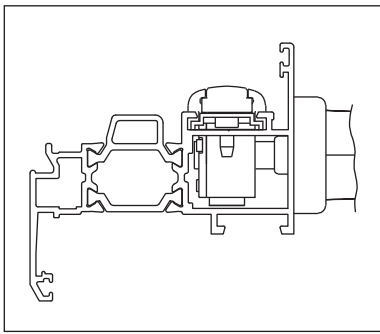
Tabella varianti articolo
Article variants table
Tableau des variantes d'article

Componenti articolo
Article components
Composants de l'article



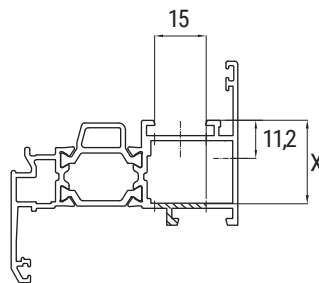
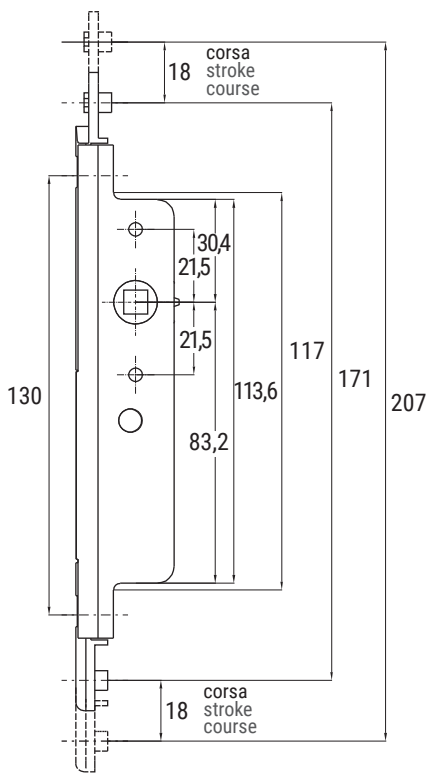
MECCANISMI DI CHIUSURA

CLOSING MECHANISMS
MÉCANISMES DE FERMETURE



10 pz

Mizar - Meccanismo bidirezionale per camera europea
 Mizar - Bidirectional mechanism for eurogroove chamber
 Mizar - Mécanisme bidirectionnel pour chambre européenne



Lavorazione passante da eseguire solo per profili con quota X < 23mm
 Through machining to be performed only for profiles with X < 23mm
 Usinage à effectuer uniquement pour les profilés de dimension X < 23 mm

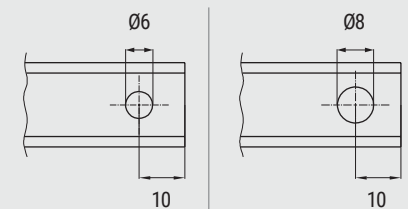
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 Scheda tecnica online
 Technical data sheet online
 Fiche technique en ligne

FINITURA
 FINISHING · FINITION

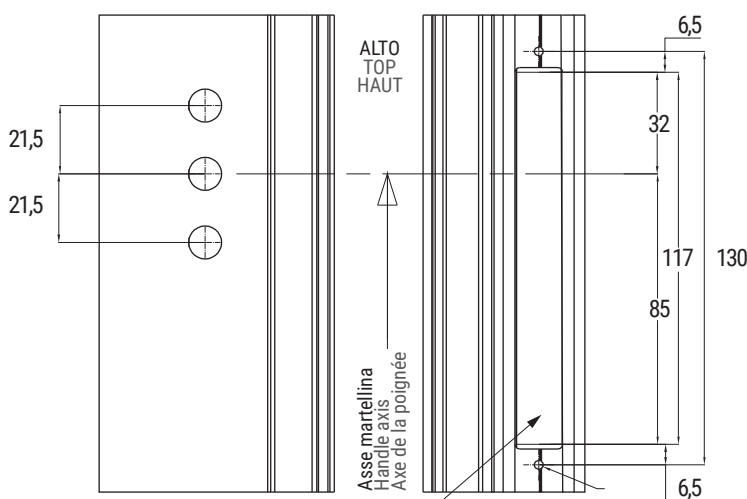


ZN
 Zincato Nero
 Black Galvanized
 Zingué Noir

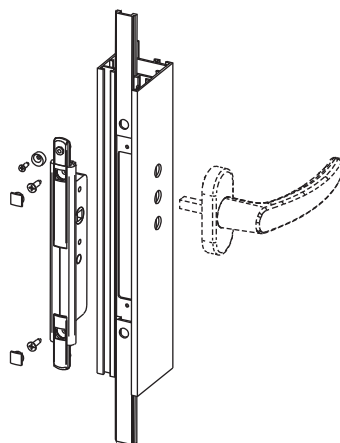
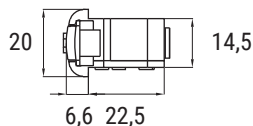
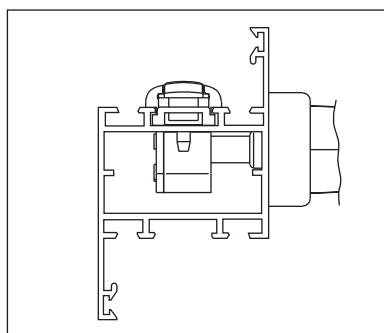
LAVORAZIONE ASTINE
 ROD PROCESSING
 TRAITEMENT DES TIGES



Utilizzare bocche in dotazione per riduzione foro a Ø6
 Use supplied bushings for hole reduction to Ø6
 Utilisez les coussinets fournis pour réduction de trou à Ø6



Lavorazione sede cassa meccanismo
 Mechanism casing seat processing · Traitement du siège du boîtier du mécanisme

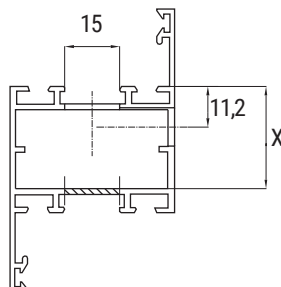
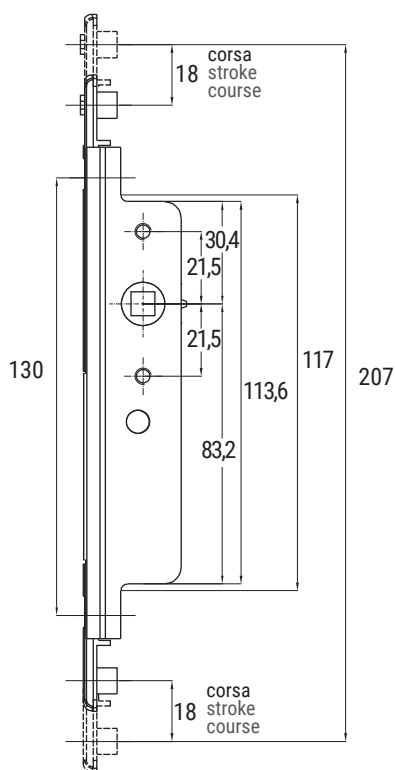


10 pz

Mizar - Meccanismo bidirezionale per camera R40

Mizar - Bidirectional mechanism for R40 groove

Mizar - Mécanisme bidirectionnel pour chambre R40



Lavorazione passante da eseguire solo per profili con quota X < 23mm

Through machining to be performed only for profiles with X < 23mm

Usinage à effectuer uniquement pour les profils de dimension X < 23 mm



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Scheda tecnica online

Technical data sheet online

Fiche technique en ligne



FINITURA

FINISHING · FINITION



ZN

Zincato Nero

Black Galvanized

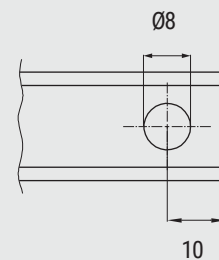
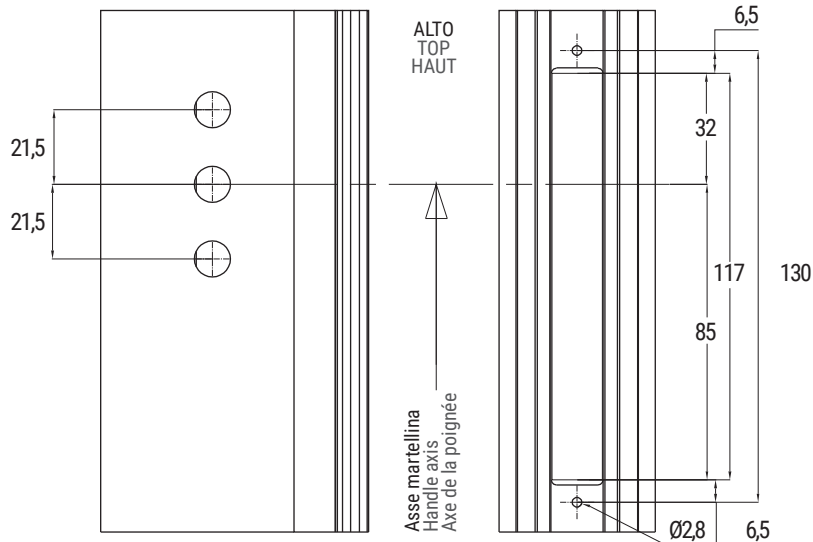
Zingué Noir

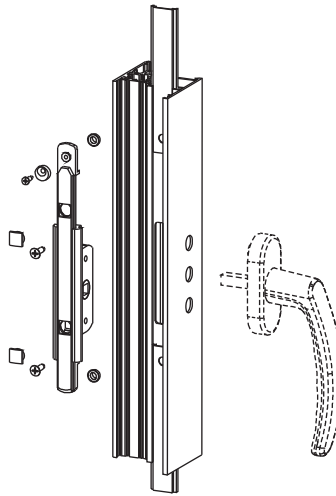
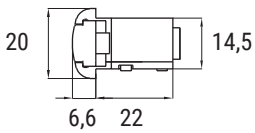
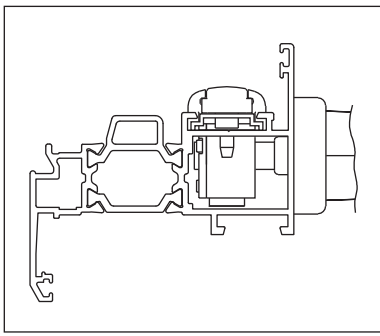


LAVORAZIONE ASTINE

ROD PROCESSING

TRAITEMENT DES TIGES



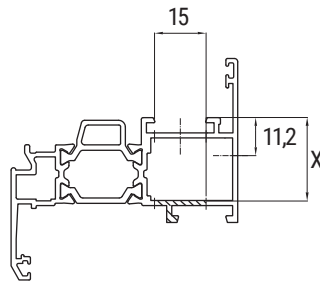
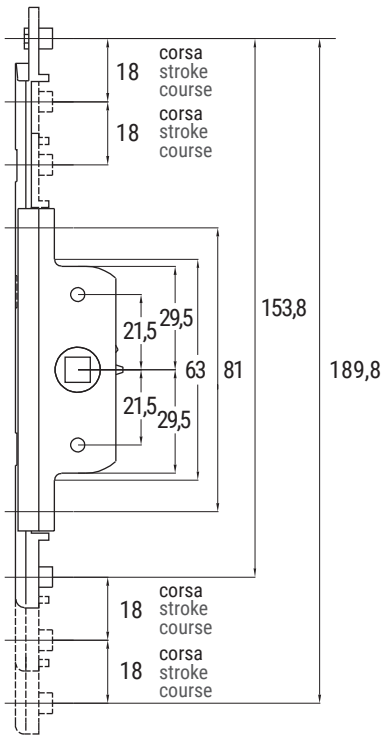


10 pz

Algol - Meccanismo monodirezionale per camera europea

Algol - One-way mechanism for eurogroove chamber

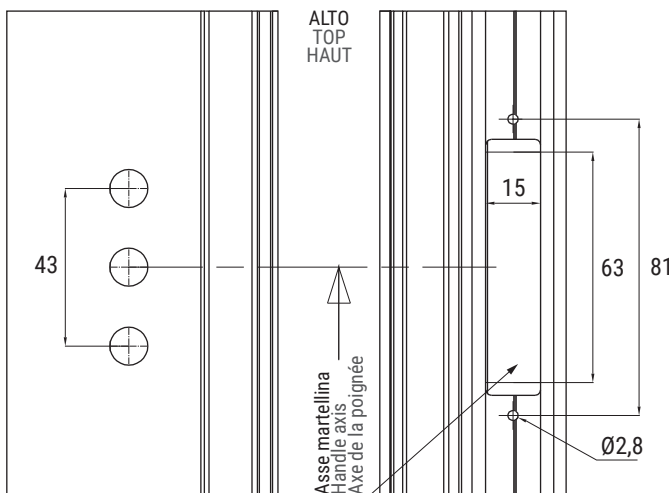
Algol - Mécanisme unidirectionnel pour chambre européenne



Lavorazione passante da eseguire solo per profili con quota X < 24mm

Through machining to be performed only for profiles with X < 24mm

Usinage à effectuer uniquement pour les profilés de dimension X < 24 mm



Lavorazione sede cassa meccanismo
Mechanism casing seat processing · Traitement du siège du boîtier du mécanisme



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Scheda tecnica online

Technical data sheet online

Fiche technique en ligne



FINITURA

FINISHING · FINITION



ZN

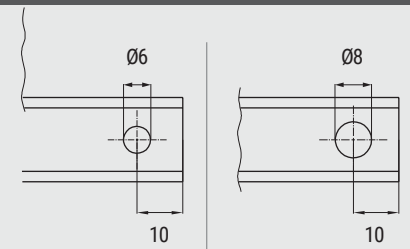
Zincato Nero
Black Galvanized
Zingué Noir



LAVORAZIONE ASTINE

ROD PROCESSING

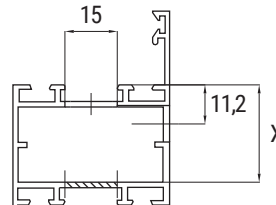
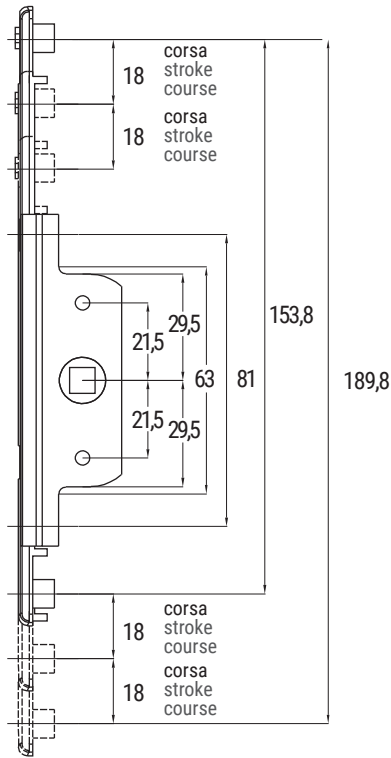
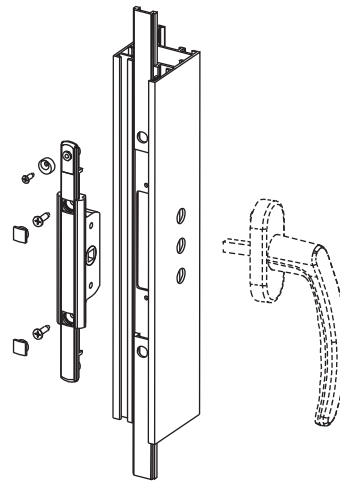
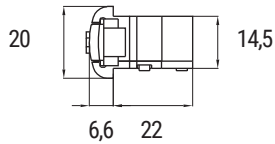
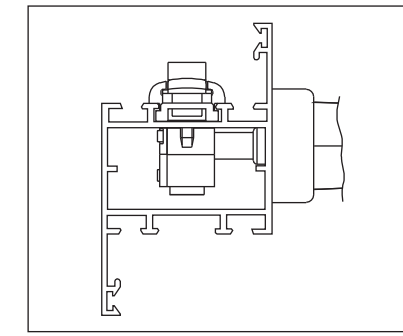
TRAITEMENT DES TIGES



Utilizzare boccole in dotazione per riduzione foro a Ø6

Use supplied bushings for hole reduction to Ø6

Utilisez les coussinets fournis pour réduction de trou à Ø6



Lavorazione passante da eseguire solo per profili con quota X < 24mm

Through machining to be performed only for profiles with X < 24mm

Usinage à effectuer uniquement pour les profilés de dimension X < 24 mm



10 pz

Algol - Meccanismo monodirezionale per camera R40

Algol - One-way mechanism for R40 groove

Algol - Mécanisme unidirectionnel pour chambre R40

WWW.HAMMER.BIZ
Scheda tecnica online
Technical data sheet online
Fiche technique en ligne

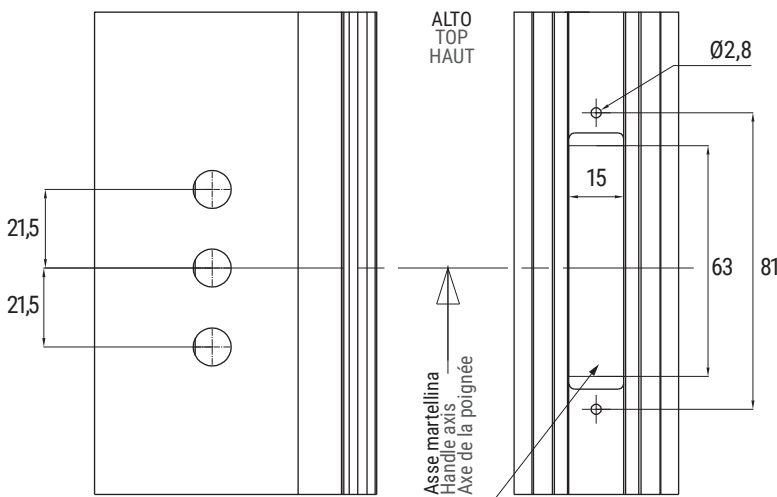
FINITURA
FINISHING · FINITION



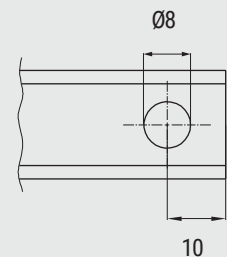
ZN

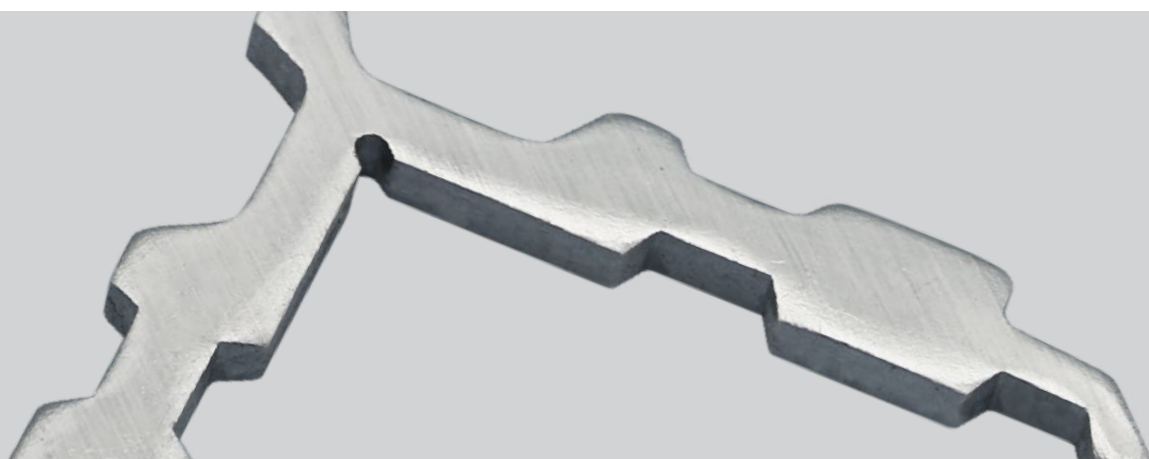
Zincato Nero
Black Galvanized
Zingué Noir

LAVORAZIONE ASTINE
ROD PROCESSING
TRAITEMENT DES TIGES



Lavorazione sede cassa meccanismo
Mechanism casing seat processing · Traitement du siège du boîtier du mécanisme





SQUADRETTE PER CAMERA ESTERNA

CORNER CLEATS FOR EXTERNAL CHAMBER
ÉQUERRES POUR CHAMBRE EXTÉRIEURE

EXTRA4

Extra resistenza



La squadretta Extra4 (brevetto Hammer) in alluminio estruso è straordinariamente tenace: la giunzione a 45° nell'angolo della finestra non si deforma, nemmeno se sollecitata dal carico di vetrate molto pesanti.



en

EXTRA4: THE HEAVY DUTY CORNER CLEAT

The Extra4 corner cleat (Hammer patented), made of extruded aluminum, is incredibly tough: the 45° joint in the corner of the window does not deform, even if stressed by very heavy glazing

fr

EXTRA4: SOLIDITÉ SUPPLÉMENTAIRE

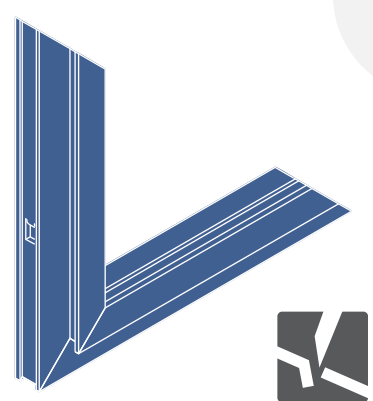
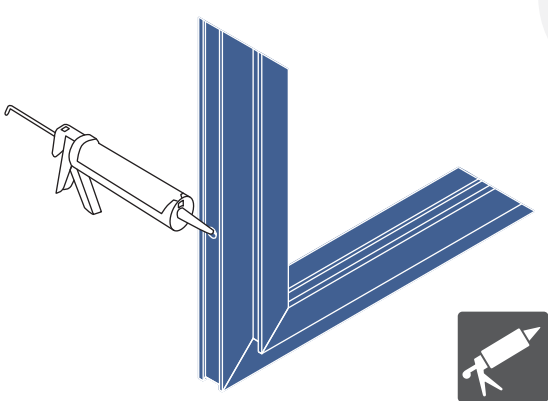
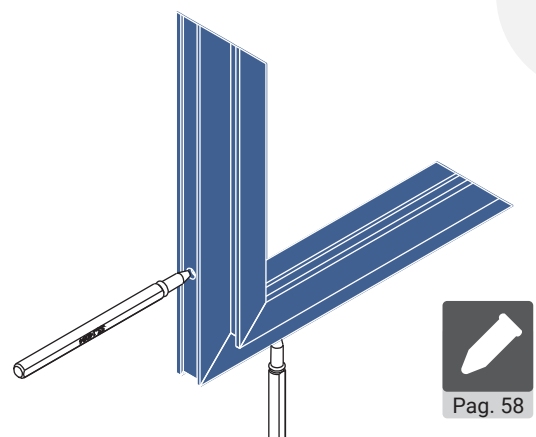
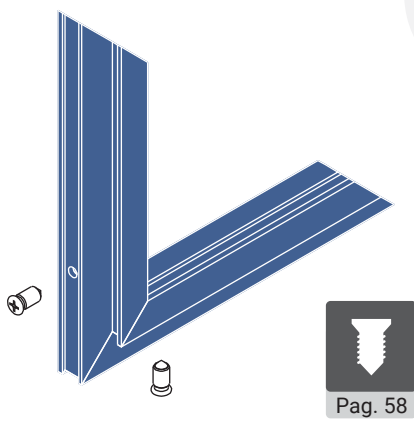
L'équerre Extra4 (brevet Hammer) en aluminium extrudé est extraordinairement solide: le joint à 45° dans l'angle de la fenêtre ne se déforme pas, même lorsque l'équerre doit supporter un vitrage très lourd.



EXTRA4

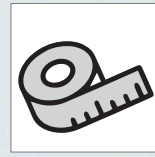
4 possibilità di fissaggio

Extra4 è una squadretta multifissaggio: ad avvitare, a spinare, a cianfrinare, a incollare... puoi scegliere la modalità di fissaggio più facile e più comoda.



en EXTRA4:
4 FIXING POSSIBILITIES
 Extra4 is a multi-fixing cleat: screw-on, pin-on, crimping, glue... you can choose the easiest and most convenient fixing method.

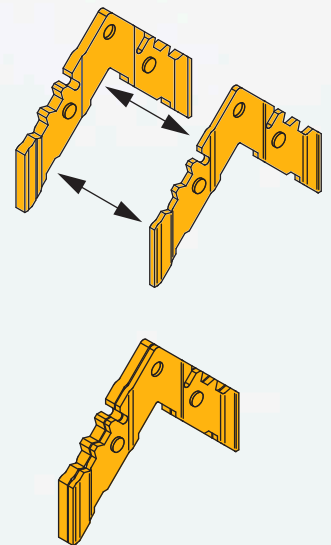
fr EXTRA4:
4 POSSIBILITÉS DE FIXATION
 Extra4 est une équerre à fixations multiples: à visser, à brocher, à agraffer et à coller... vous pouvez choisir le mode de fixation le plus simple et le plus confortable.



EXTRA4

Modulabile su misura

La squadretta per camere esterne Extra4 può essere applicata su tutti i profili a taglio termico: dalle finestre minimali, ai profili standard, fino ad arrivare ai profili maggiorati.



en

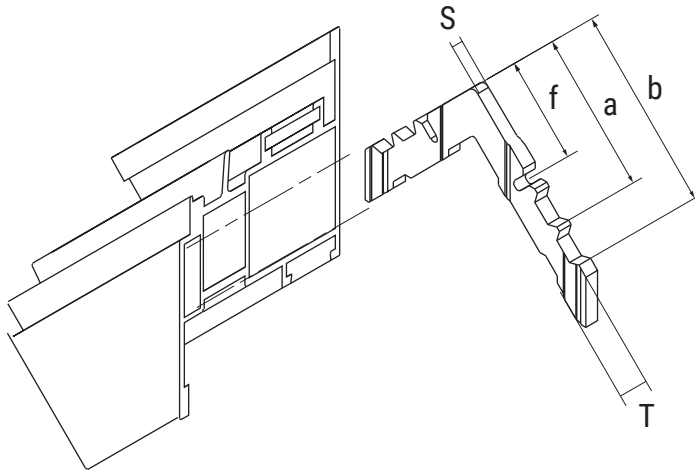
EXTRA4: THE CUSTOMIZABLE CORNER CLEAT

The Extra4 external chamber cleat can be applied to all thermal break profiles: from minimalist windows, to standard profiles, right up to oversized profiles.

fr

EXTRA4: PERSONNALISABLE

L'équerre Extra4 pour chambres extérieures peut être appliquée à tous les profilés à coupure thermique: des fenêtres minimalistes, aux profilés standard, jusqu'aux profilés surdimensionnés.




CODICE · CODE	T	S	a	b	f
E4.100	12	4,9	40	50	27,5
E4.101	12,2	4,9	40	50	27,5
E4.102	17,6	4,9	40	50	27,5
E4.103	13,8	3,7	40	50	27,5
E4.104	14	4,9	40	50	27,5
E4.105	17,9	4,9	40	50	27,5
E4.106	15,6	4,9	40	50	27,5
E4.107	14,4	4,9	40	50	27,5
E4.108	8,5	3,7	43	-	27,5
E4.109	7,0	4,9	43	-	27,5
E4.110	8,5	4,9	40	-	27,5
E4.111	12,4	4,9	40	50	27,5
E4.112	12	2,9	40	50	27,5
E4.113	12,3	3,7	40	50	27,5
E4.114	22,3	3,7	40	50	27,5
E4.200	33,5	4,9	40	50	27,5
E4.201	35,9	3,7	40	50	27,5
E4.202	24,7	4,9	40	50	27,5
E4.203	26,1	4,9	40	50	27,5
E4.206	37,5	4,9	40	50	27,5
E4.207	39,2	4,9	40	50	27,5
E4.208	50	4,9	40	50	27,5
E4.209	32,3	3,7	40	50	27,5
E4.210	37,3	3,7	40	50	27,5
E4.211	30,7	4,9	40	50	27,5



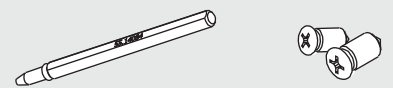
200 pz

Squadretta multifissaggio per camera esterna
 Multifixing corner cleat for external chamber
 Équerre multifixation pour chambre extérieure

M MATERIALE MATERIAL · MATÉRIAU

 Alluminio estruso
 Extruded aluminium
 Aluminium extrudé

! SPINE E VITI PINS AND SCREWS BROCHES ET VIS

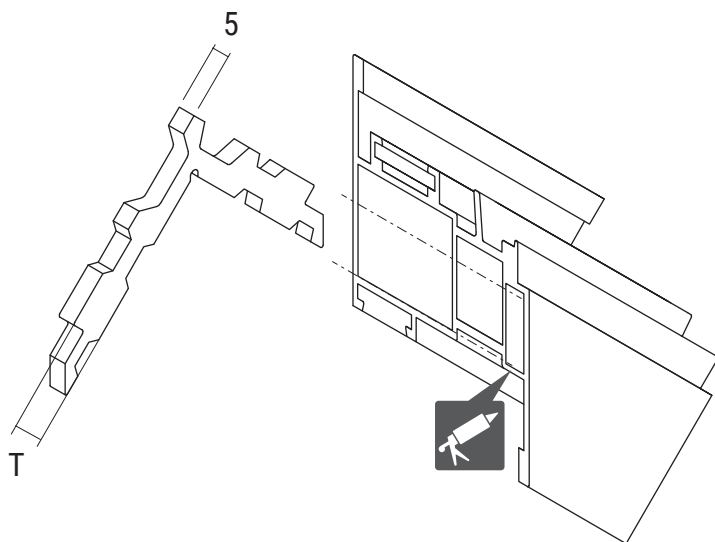
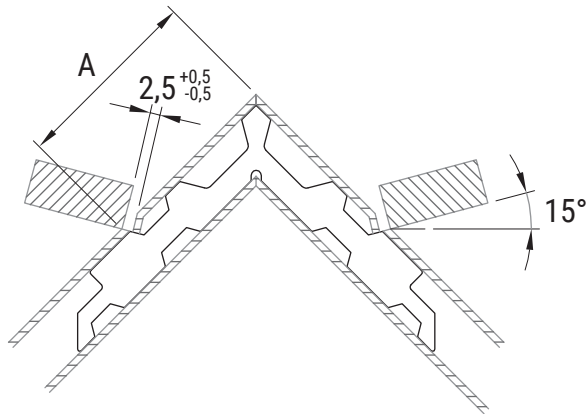


Pag. 45

Su misura
 Made to measure
 Sur mesure



CODICE · CODE	T	S



Squadretta camera esterna a cianfrinare e incollare

Corner cleat for external chamber (crimping and gluing)


Équerre pour chambre extérieure pour agrafage et collage



MATERIALE
MATERIAL · MATÉRIAU

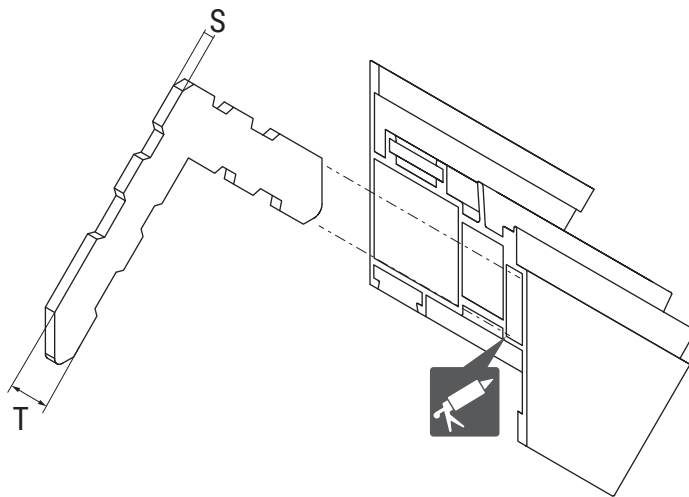
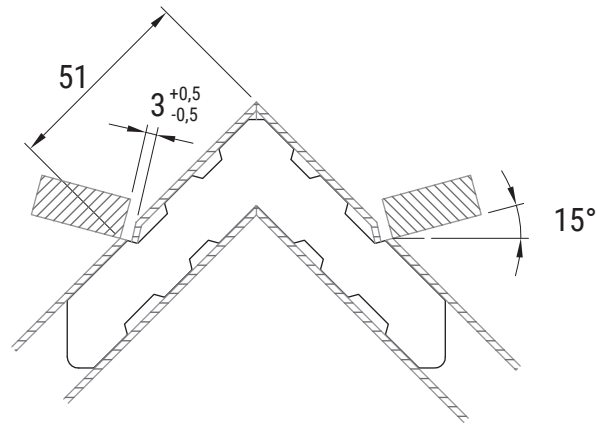


Alluminio estruso
Extruded aluminium
Aluminium extrudé

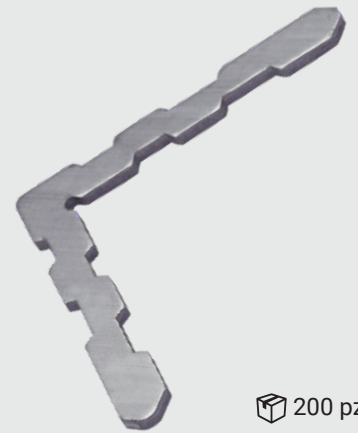
CODICE · CODE	T	A		NOTE · NOTES
SE1510	12	46	200 pz	
SE1513	33,5	46	100 pz	
SE1550	7,8	53	100 pz	
SE1551	29,2	53	50 pz	



Consultare la scheda tecnica
Refer to the technical data sheet
Consulter la fiche technique



CODICE · CODE	T	S	NOTE · NOTES
SE106-30	10,6	3	
SE176-30	17,6	3	
SE360-30	36	3	
SE106-35	10,6	3,5	
SE176-35	17,6	3,5	
SE360-35	36	3,5	
SE140-30	14	3	
SE415-30	41,5	3	
SE220-30	22	3	
			Su misura Made to measure Sur mesure




200 pz


Squadretta camera esterna a cianfrinare e incollare

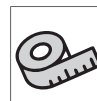
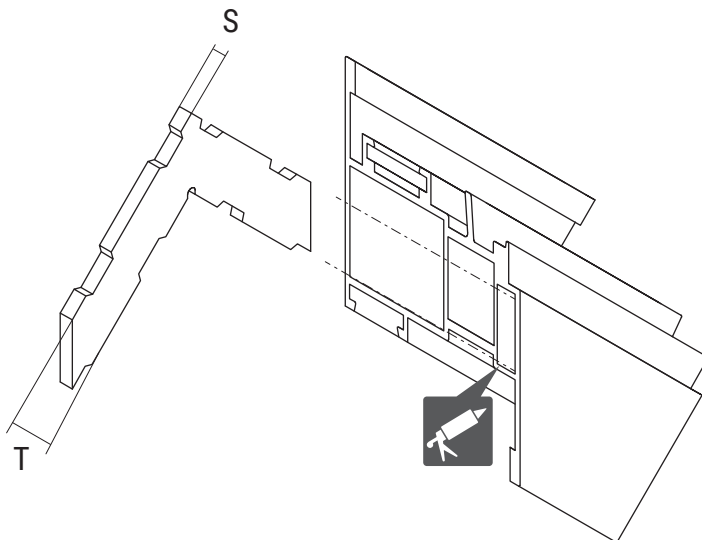
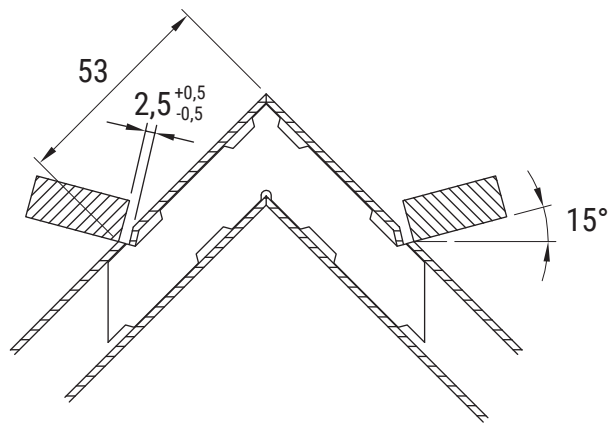
Corner cleat for external chamber (crimping and gluing)

Équerre pour chambre extérieure pour agrafage et collage

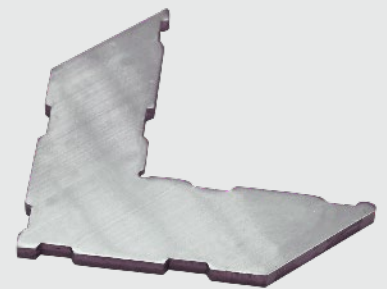
M MATERIALE
MATERIAL · MATÉRIAU

 Alluminio estruso
Extruded aluminium
Aluminium extrudé

 Consultare la scheda tecnica
Refer to the technical data sheet
Consulter la fiche technique



CODICE · CODE	T	S	NOTE · NOTES
SE127-40	12,7	4	
SE162-40	16,2	4	
SE347-40	34,7	4	
SE123-60	12,3	6	
SE162-60	16,2	6	
SE242-60	24,2	6	
			Su misura Made to measure Sur mesure



200 pz

Squadretta camera esterna a cianfrinare e incollare

Corner cleat for external chamber (crimping and gluing)

Équerre pour chambre extérieure pour agrafage et collage



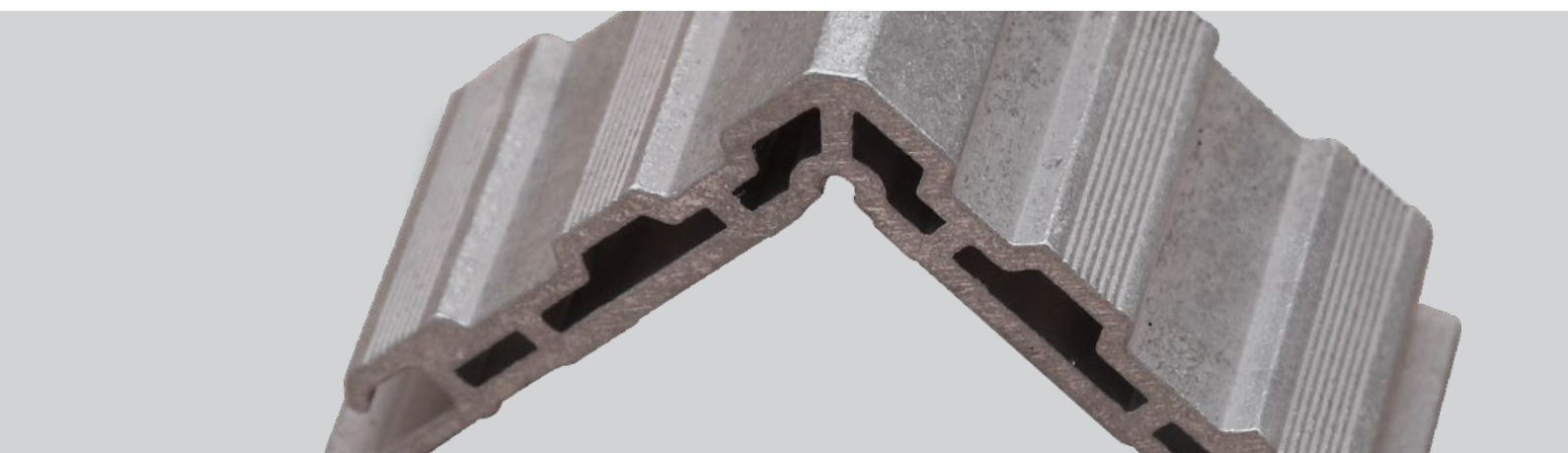
MATERIALE
MATERIAL · MATÉRIAU



Alluminio estruso
Extruded aluminium
Aluminium extrudé

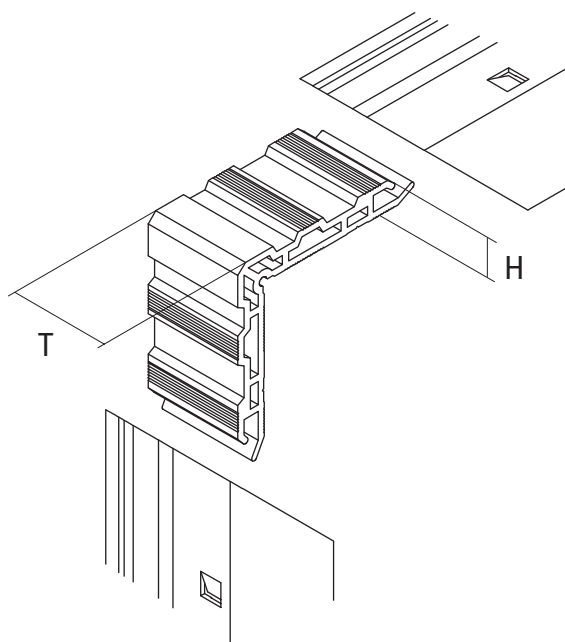


Consultare la scheda tecnica
Refer to the technical data sheet
Consulter la fiche technique



SQUADRETTE PER CAMERA INTERNA


CORNER CLEATS FOR INTERNAL CHAMBER
ÉQUERRES POUR CHAMBRE INTÉRIEURE



100 pz

Squadretta a cianfrinare
per camere interne
Crimping corner cleat
for internal chambers
Équerre pour agrafage
pour chambres intérieures

M MATERIALE
MATERIAL · MATÉRIAU

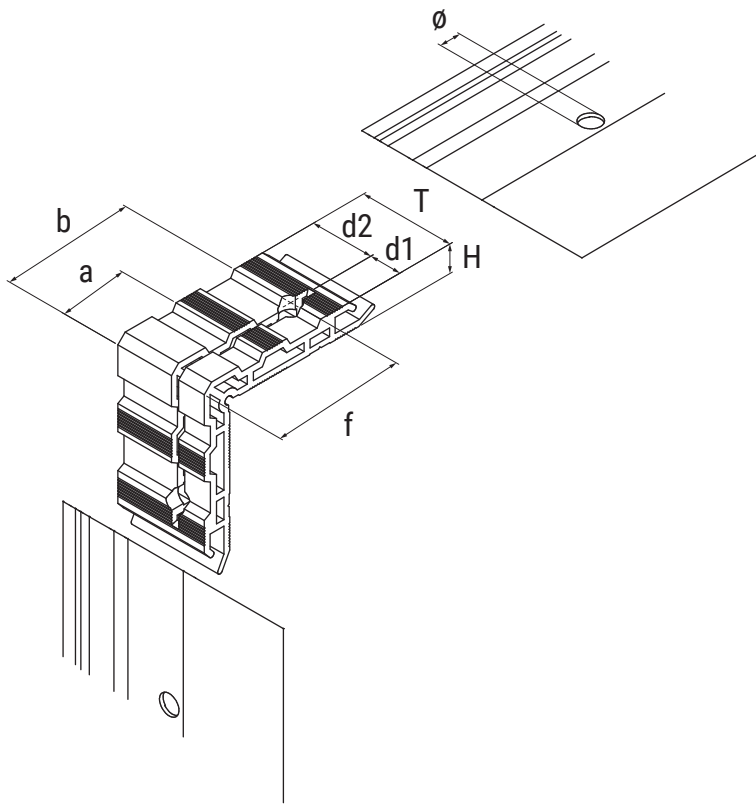
 Alluminio estruso
Extruded aluminium
Aluminium extrudé



CODICE · CODE	T	H	NOTE · NOTES
SC106-105	10,6	10,5	
SC190-105	19	10,5	
SC220-105	22	10,5	
SC240-105	24	10,5	
SC254-105	25,4	10,5	
SC284-105	28,4	10,5	
SC320-105	32	10,5	
SC356-105	35,6	10,5	
SC410-105	41	10,5	
SC435-105	43,5	10,5	
SC485-105	48,5	10,5	
SC008-198	8	19,8	
SC0503	28,4	24	
			Su misura Made to measure Sur mesure



Consultare la scheda tecnica
Refer to the technical data sheet
Consulter la fiche technique



100 pz

Squadretta a spinare
per camere interne
Pinning corner cleat
for internal chambers
Équerre à goupiller
pour chambres intérieures

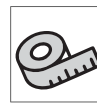
M **MATERIALE**
MATERIAL · MATÉRIAU

Alluminio estruso
Extruded aluminium
Aluminium extrudé

! **SPINE E VITI**
PINS AND SCREWS
BROCHES ET VIS

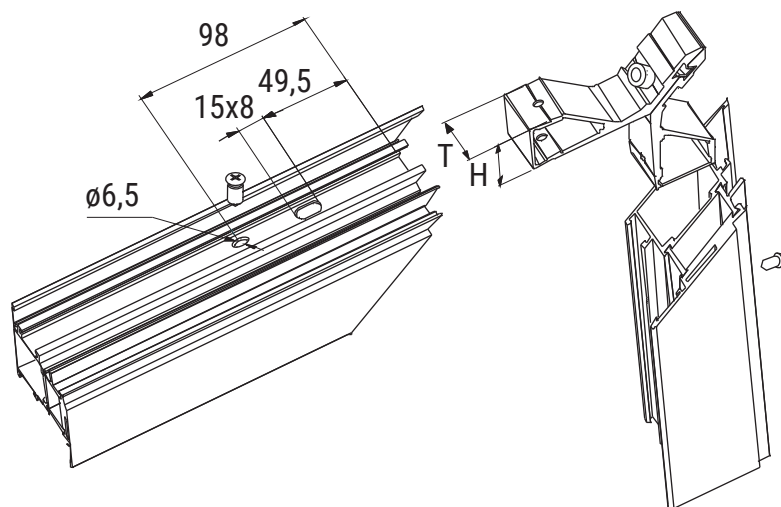



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CODICE · CODE	T	H	d1	d2	f	a	b	ø	NOTE · NOTES
SCS001-105	23,8	10,6	11,9	11,9	39	23,9	47,8	8	
SCS002-105	25,4	10,6	12,7	12,7	47,5	23,9	47,8	8	
SCS003-105	35,8	10,6	8,4	27,4	47,5	23,9	47,8	8	
SCS001-144	17	14,4	8,5	8,5	46,5	40	62	8	
SCS001-349	24,3	34,9	12,15	12,15	44	39,3	-	8	
									Su misura Made to measure Sur mesure

Consultare la scheda tecnica
Refer to the technical data sheet
Consulter la fiche technique



 20 pz

Squadretta ad avvitare
in alluminio estruso

Screw corner cleat
in extruded aluminium

Équerre à visser
en aluminium extrudé

CODICE · CODE	T	H	NOTE · NOTES
SH120	12	36	
SH172	17,2		
SH211	21,1		
SH224	22,4		
SH230	23		
SH250	25		
SH265	26,5		
SH270	27		
SH290	29		
SH338	33,8		
SH347	34,7		
SH368	36,8		
SH370	37		
SH382	38,2		
SH408	40,8		
SH446	44,6		
SH470	47		
SH525	52,5		
SH550	55		
SH690	69		
			Su misura Made to measure Sur mesure



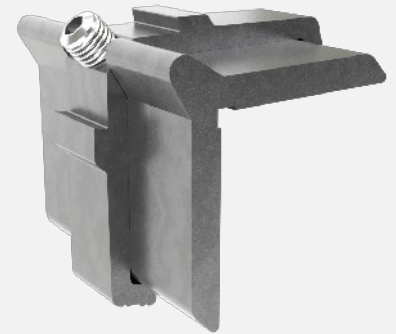
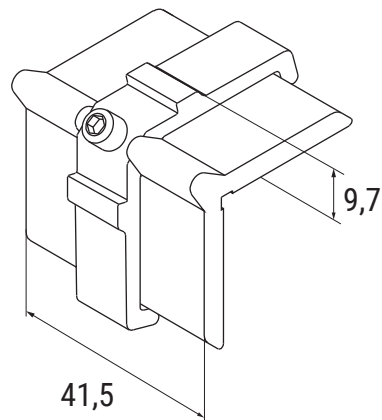
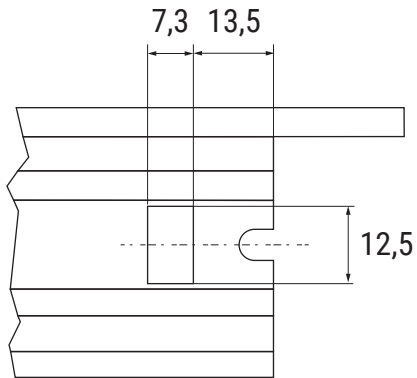
MATERIALE
MATERIAL · MATÉRIAU



Alluminio estruso
Extruded aluminium
Aluminium extrudé



4411R



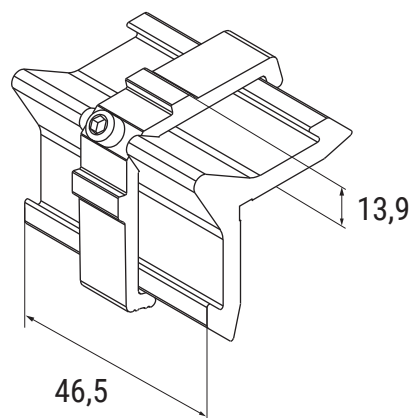
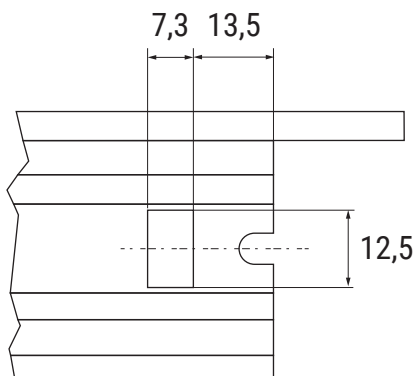
Squadretta a tiraggio centrale
in alluminio estruso e grano M6
in acciaio inox

Screw-on corner cleat in extruded
aluminium (with M6 inox headless
screw)

Équerre avec serrage central en
aluminium extrudé (avec vis sans
tête en acier inox)

CODICE		SERIE
4411R	200 pz	R40

5410R

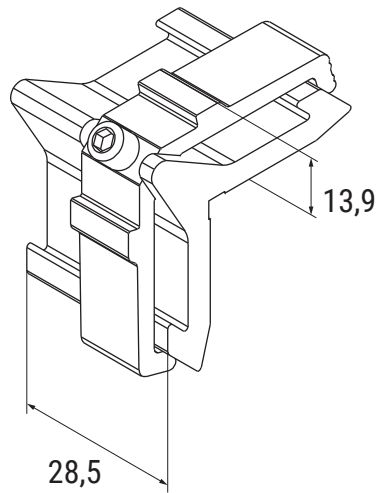
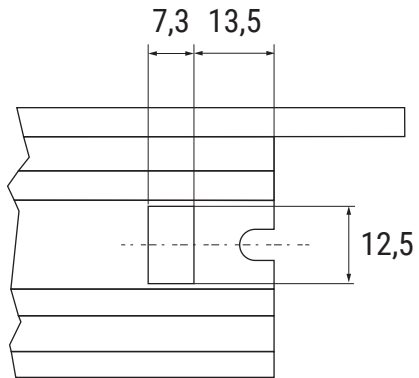


Squadretta a tiraggio centrale
in alluminio estruso e grano M6
in acciaio inox

Screw-on corner cleat in extruded
aluminium (with M6 inox headless
screw)

Équerre avec serrage central en
aluminium extrudé (avec vis sans
tête en acier inox)

CODICE		SERIE
5410R	200 pz	R50 - R50S



Squadretta a tiraggio centrale
in alluminio estruso e grano M6
in acciaio inox

Screw-on corner cleat in extruded
aluminium (with M6 inox headless
screw)

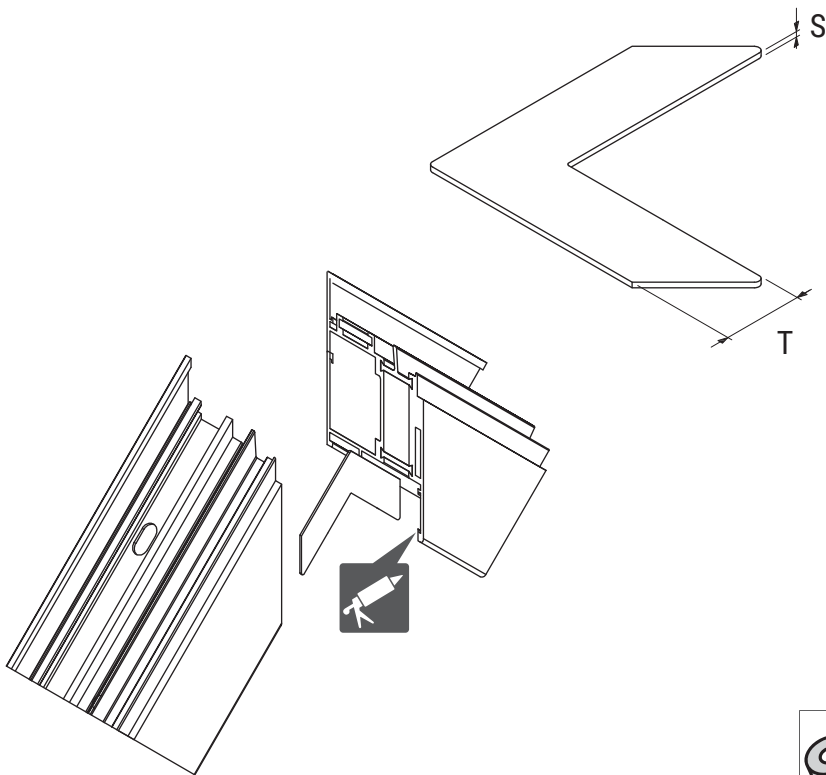
Équerre avec serrage central en
aluminium extrudé (avec vis sans
tête en acier inox)


CODICE		SERIE
5441R	200 pz	R50TT - R62TT - R72TT



SQUADRETTE DI ALLINEAMENTO

ALIGNMENT CORNER CLEATS
ÉQUERRES D'ALIGNEMENT



 250 pz

Squadretta di allineamento
Alignment corner cleat
Équerre d'alignement



M MATERIALE
MATERIAL · MATÉRIAU



Alluminio
Aluminium



Acciaio inox
Stainless steel
Acier inox

Su richiesta
On request
Sur demande



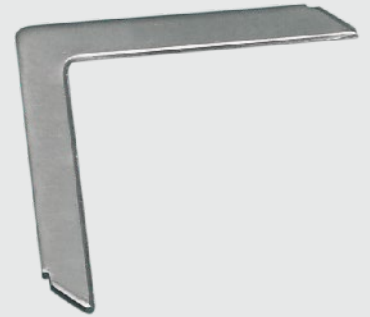
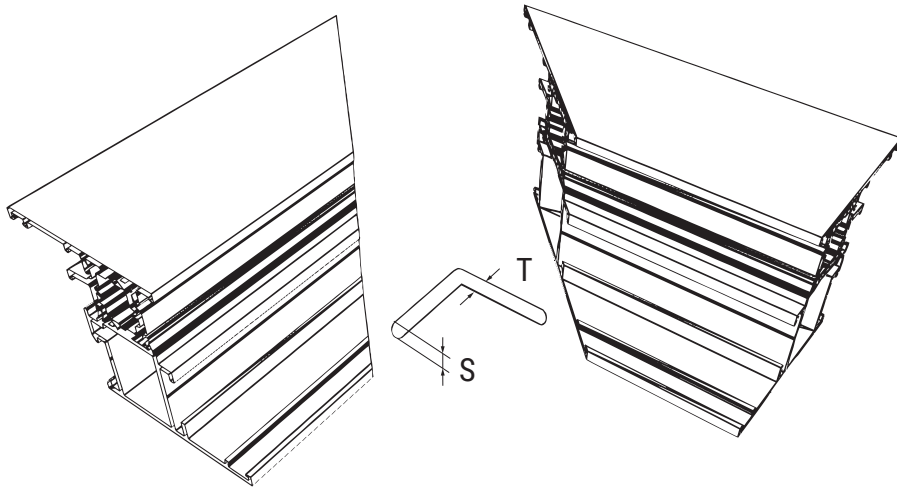
Consultare la scheda tecnica
Refer to the technical data sheet
Consulter la fiche technique

CODICE · CODE	T	S	CODICE · CODE	T	S
SA0116-1,5	11,6	1,5	SA0186-2	18,6	2
SA0120-1	12	1	SA0187-1,2	18,7	1,2
SA0130-3	13	3	SA0188-1,5	18,8	1,5
SA0135-1	13,5	1	SA0203-1	20,3	1
SA0135-2	13,5	2	SA0205-1	20,5	1
SA0144-1	14,4	1	SA0205-2	20,5	2
SA0144-2	14,4	2	SA0207-1,5	20,7	1,5
SA0157-1	15,7	1	SA0213-1	21,3	1
SA0157-2	15,7	2	SA0215-1	21,5	1
SA0159-1	15,9	1	SA0215-2	21,5	2
SA0159-2	15,9	2	SA0250-1	25	1
SA0167-1	16,7	1	SA0250-2	25	2
SA0167-2	16,7	2	SA0265-2	26,5	2
SA0172-1	17,2	1	SA0274-2	27,4	2
SA0172-2	17,2	2	SA0300-1	30	1
SA0180-1	18	1	SA0300-2	30	2
SA0180-2	18	2			

Su misura
Made to measure
Sur mesure



CODICE · CODE	T	S




Squadretta di allineamento per
cava porta-guarnizione
Alignment corner cleat
Équerre d'alignement

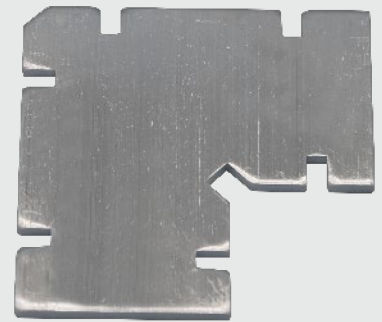
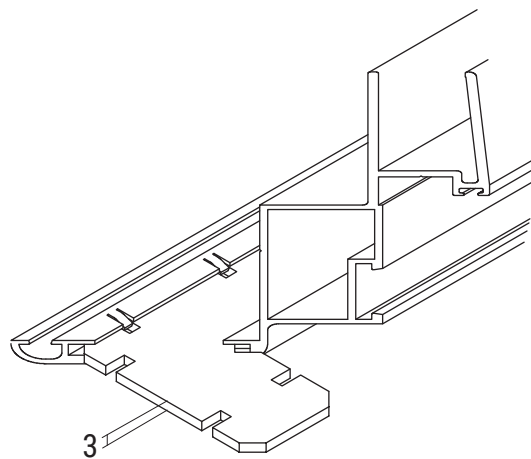
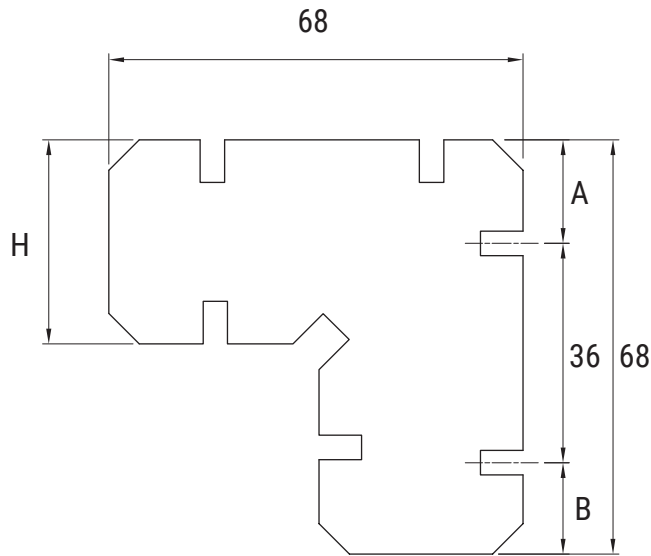


MATERIALE
MATERIAL · MATÉRIAU



Acciaio inox
Stainless steel · Acier inox

CODICE · CODE	T	S		NOTE · NOTES
SG276	4,5	1	500 pz	
SG112	4,7	1,7	500 pz	
SG006	7	2	500 pz	



 50 pz

Squadretta per allineamento
imbotti in alluminio estruso

Alignment corner cleat in
aluminium for intradosses

Équerre d'alignement pour
intradados en aluminium extrudé



MATERIALE
MATERIAL · MATÉRIAU



Alluminio estruso
Extruded aluminium
Aluminium extrudé

CODICE · CODE	H	A	B	NOTE · NOTES
SI1323	40,5	18	16	
SI1326	33,5	17	15	

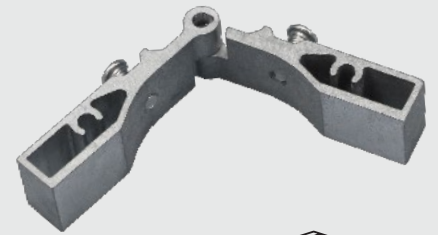
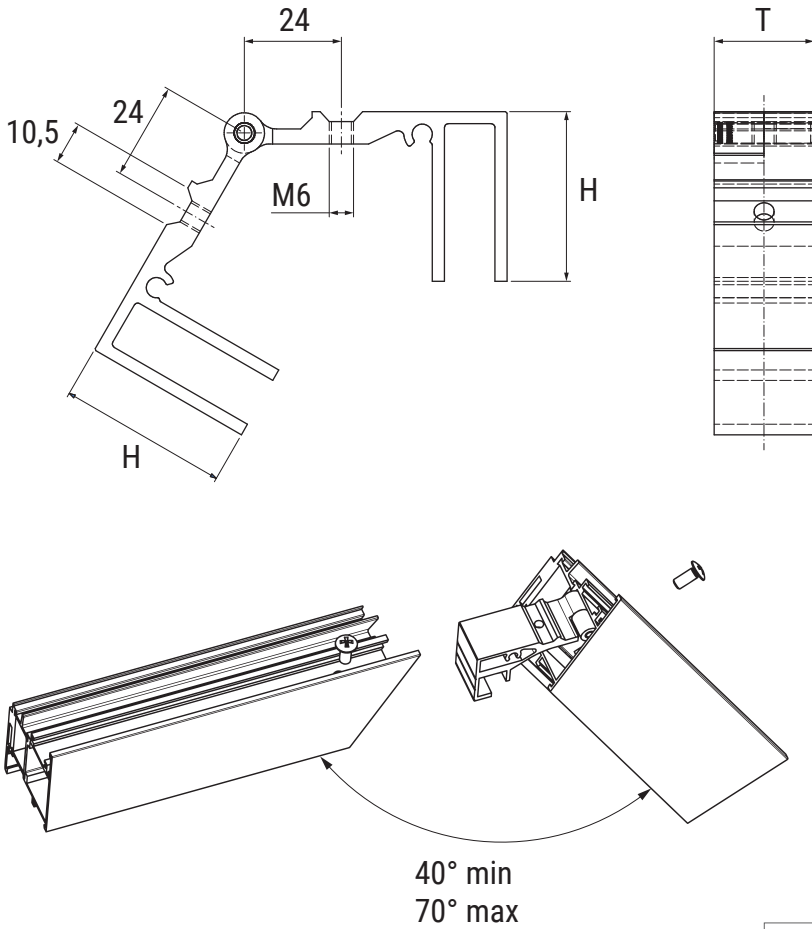



Consultare la scheda tecnica
Refer to the technical data sheet
Consulter la fiche technique



SQUADRETTE AD ANGOLO VARIABILE


VARIABLE ANGLE CORNER CLEATS
ÉQUERRES À ANGLE VARIABLE



 25 pz


Squadretta ad angolo variabile
Variable angle corner cleat
Équerre à angle variable

MATERIALE MATERIAL · MATÉRIAU

 Alluminio estruso
Extruded aluminium
Aluminium extrudé



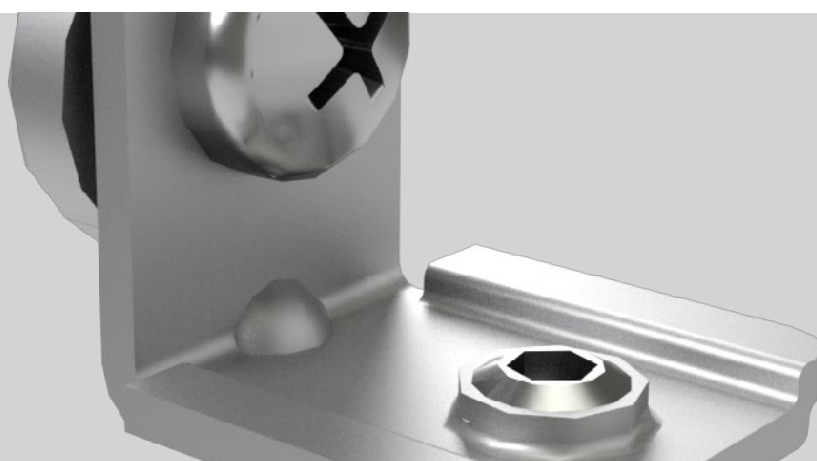
CODICE · CODE	T	H	CODICE · CODE	T	H
SV120-360	12	36	SV247-420	24,7	42
SV149-135	14,9	13,5	SV250-360	25	36
SV149-247	14,9	24,7	SV262-360	26,2	36
SV149-287	14,9	28,7	SV270-360	27	36
SV149-420	14,9	42	SV290-360	29	36
SV172-149	17,2	14,9	SV338-360	33,8	36
SV172-360	17,2	36	SV370-360	37	36
SV211-360	21,1	36	SV382-360	38,2	36
SV220-145	22	14,5	SV408-360	40,8	36
SV220-360	22	36	SV446-360	44,6	36
SV224-360	22,4	36	SV470-360	47	36
SV230-360	23	36	SV525-360	52,5	36
SV247-135	24,7	13,5	SV550-360	55	36
SV247-360	24,7	36	SV690-360	69	36

 Consultare la scheda tecnica
Refer to the technical data sheet
Consulter la fiche technique

Su misura
Made to measure
Sur mesure

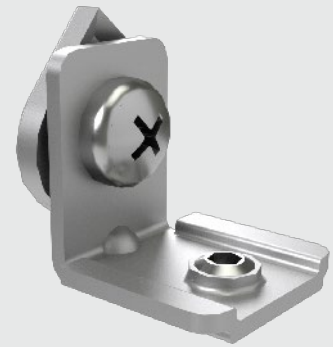
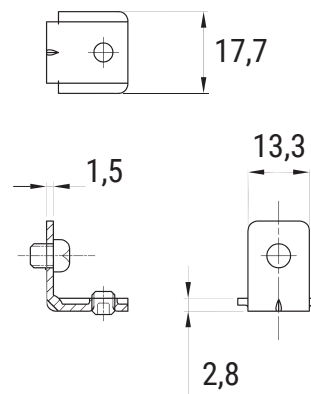
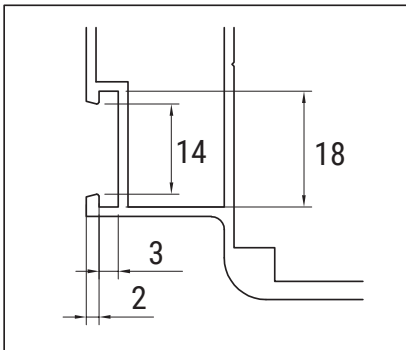


CODICE · CODE	T	H



CAVALLOTTI

MULLION JOINING BRACKETS
BUTÉES DE FIXATION



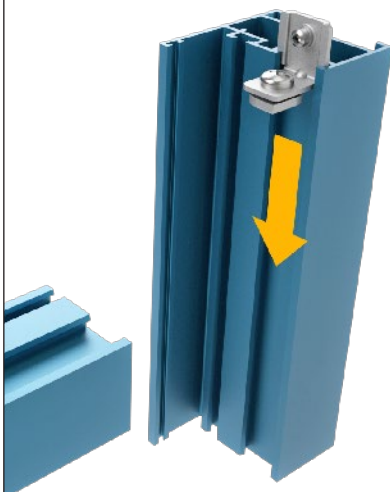
100 pz

Cavallotto ad infilare con camma di fissaggio per camera europea

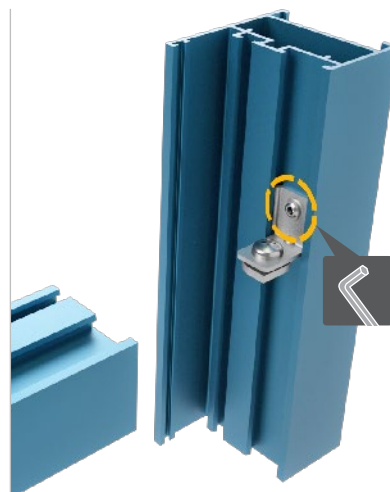
Mullion joining bracket with adjusting cam for Eurogroove

Butée de fixation avec came de fixation pour chambre européenne

SENZA LAVORAZIONI SUI PROFILI
WITHOUT PROFILE MACHINING · SANS USINAGE DE PROFILÉS



1



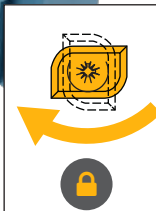
2



3



4

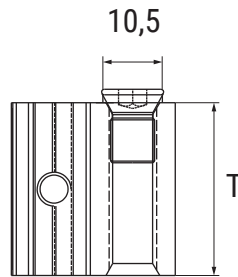
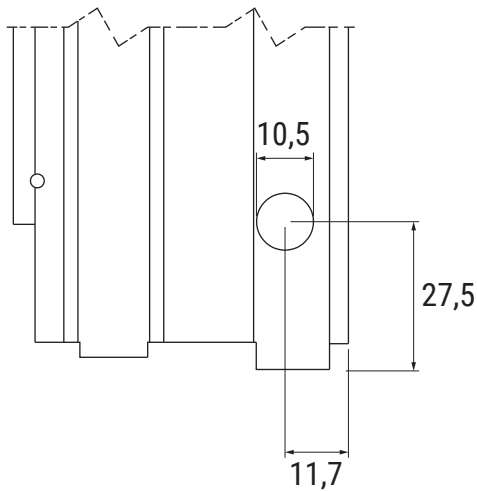
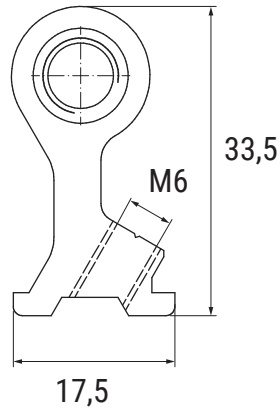
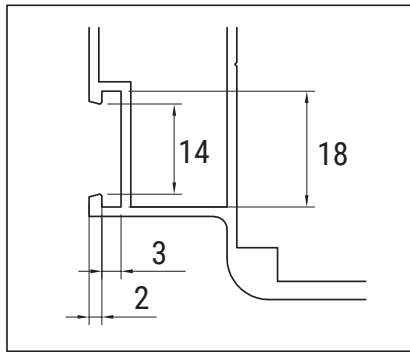


MATERIALE
MATERIAL · MATÉRIAU



ZB

Acciaio zincato bianco
White galvanized steel
Acier zingué blanc



100 pz

Cavallotto ad infilare in alluminio estruso

Extruded aluminium joining bracket

Butée de fixation en aluminium extrudé

M MATERIALE
MATERIAL · MATÉRIAU

Viti · Screws · Vis

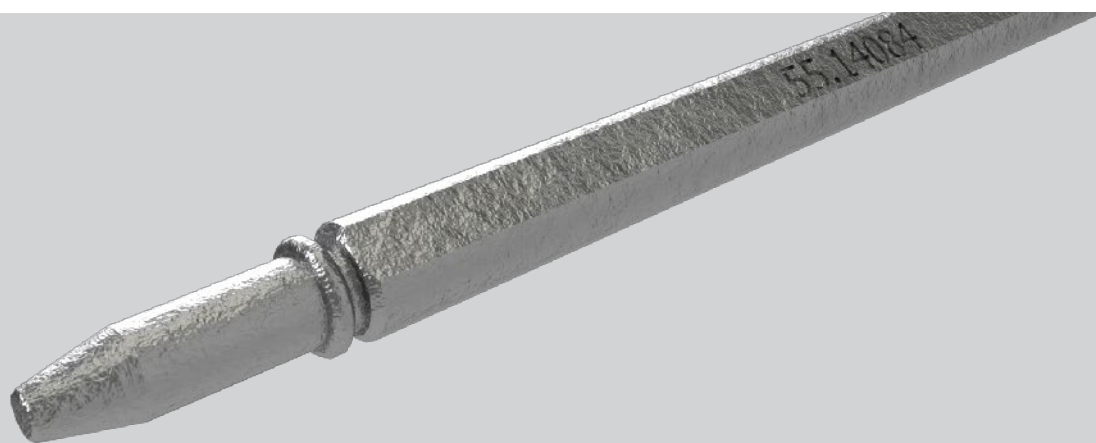


ZB

Acciaio zincato bianco
White galvanized steel
Acier zingué blanc



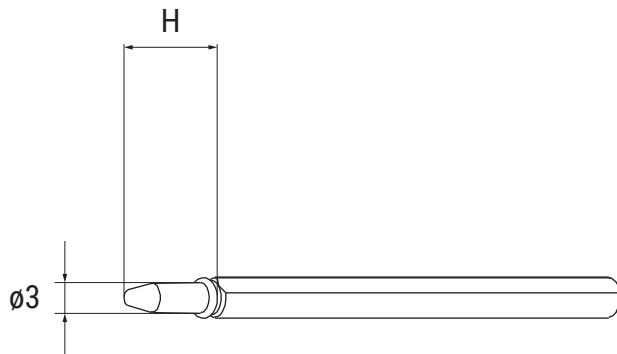
CODICE · CODE	T	NOTE · NOTES
CA1327-141	14,1	1 vite · 1 screw · 1 vis
CA1327-361	36,1	2 viti · 2 screws · 2 vis
CA1327-765	76,5	2 viti · 2 screws · 2 vis
		Su misura Made to measure Sur mesure



SPINE

PINS • BROCHES

SPINA Ø3



Spina con manico a spezzare
Pin with snap handle
Broche avec poignée à rupture

CODICE	H		NOTE · NOTES
55.15008	5,5	400 pz	Senza testa · Headless · Sans tête
55.12063	8	400 pz	
55.14084	8,5	400 pz	Senza testa · Headless · Sans tête
55.22023	9	400 pz	



MATERIALE
MATERIAL · MATÉRIAU

55.12063
55.22023



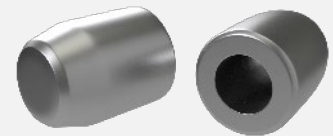
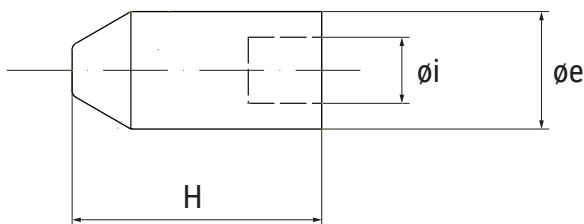
Acciaio inox
Stainless steel
Acier inox

55.14084
55.15008



Zama
Zamak

SPINA Ø5 - Ø8



Spina
Pin
Broche

CODICE	H	Øe	Øi		NOTE · NOTES
55.AC526	14	5	3,4	400 pz	
55.18048	20	5	3,4	400 pz	
55.15094	10	8	4,4	400 pz	
55.15E24	14	8	4,4	400 pz	Godronata Knurled · Moletée



MATERIALE
MATERIAL · MATÉRIAU

55.18048
55.AC526
55.15094

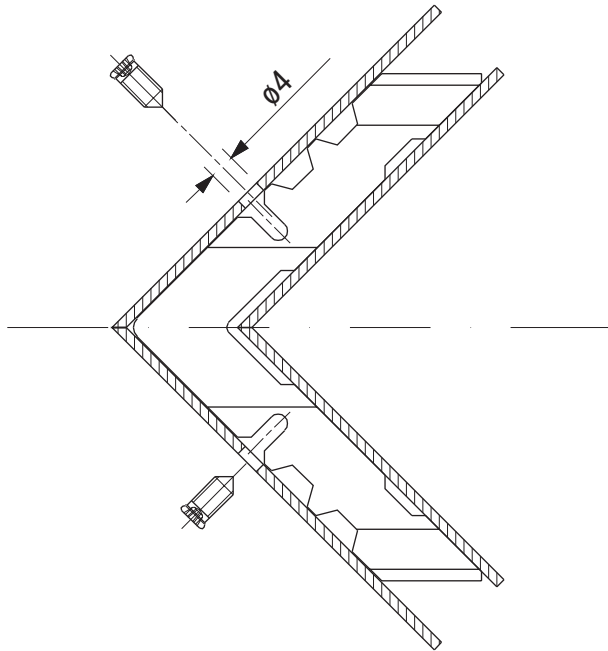


Zama
Zamak

55.15E24



Acciaio zincato bianco
White galvanized steel
Acier zingué blanc





Vite speciale a croce in acciaio inox


Stainless steel special cross screw

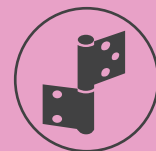
Vis cruciforme spéciale en acier inoxydable

M MATERIALE MATERIAL · MATÉRIAU

 Acciaio inox
Stainless steel
Acier inox

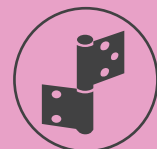
CODICE		NOTE · NOTES
55.08006	400 pz	Per · For · Pour: EXTRA4

 Consultare la scheda tecnica
Refer to the technical data sheet
Consulter la fiche technique



CERNIERE PER CAMERA EUROPEA

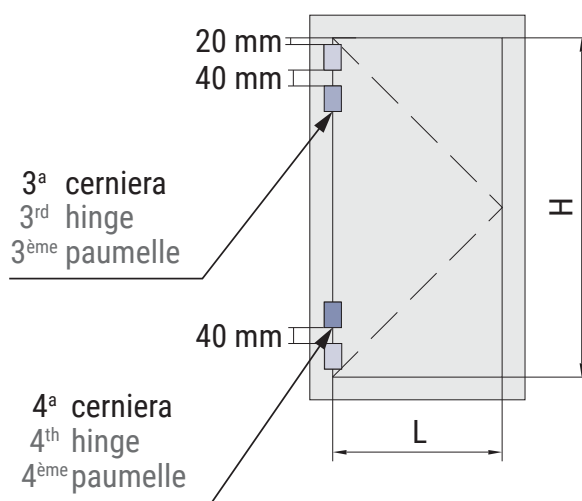
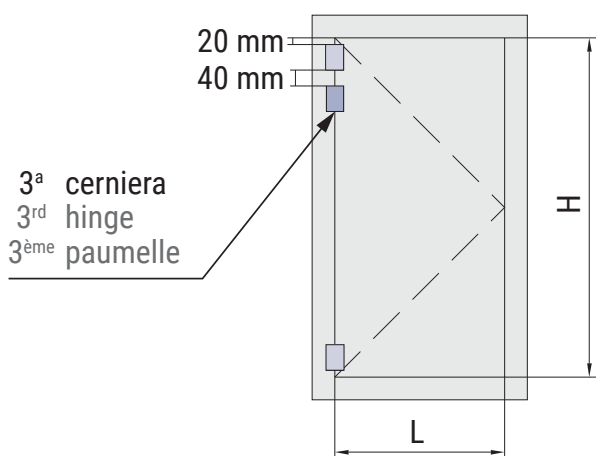
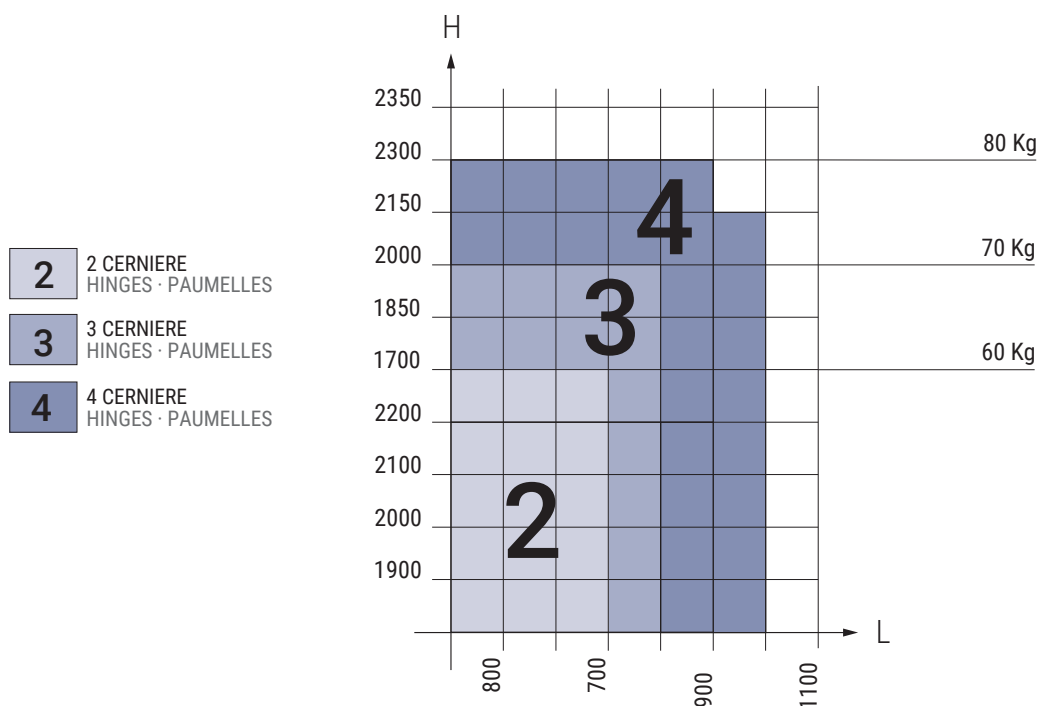
EUROGROOVE HINGES
PAUMELLES CHAMBRE EUROPÉENNE



DIMENSIONI ANTA
FRAME SIZE · DIMENSIONS DE LA FENÊTRE



MASSA ANTA
FRAME WEIGHT · POIDS DE LA FENÊTRE



REQUISITI DI APPLICAZIONE · APPLICATION REQUIREMENTS · CONDITIONS D'APPLICATION

- ✓ H / L >= 2
- ✓ Costruzione e fissaggio della cerniera eseguiti a regola d'arte

- ✓ H / L >= 2
- ✓ Construction and hinge fixing performed in a workmanlike manner

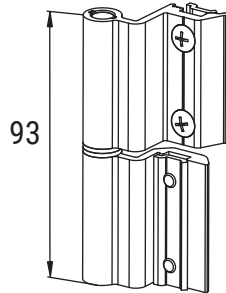
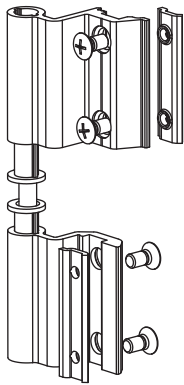
- ✓ H / L >= 2
- ✓ Construction et fixation des paumelles effectuées de manière professionnelle

USO DI CHIUDIORTA · WITH DOOR CLOSER · AVEC FERME-PORTE

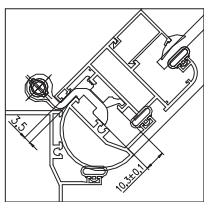
Quando viene impiegato un chiudiporta bisogna considerare la massa dell'anta:
+20% se il chiudiporta è senza freno
+75% se il chiudiporta è con freno

When a door closer is used, the door mass varies as follows:
+ 20% if the door closer is without brake
+ 75% if the door closer is with brake

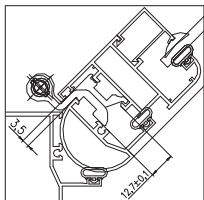
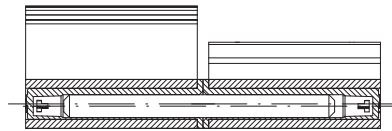
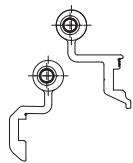
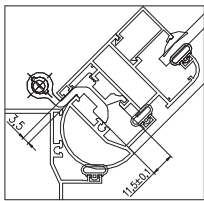
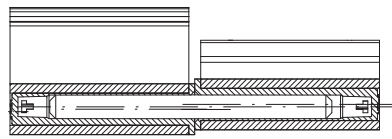
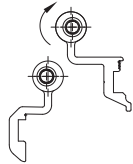
Lorsqu'un ferme-porte est utilisé, la masse de la porte doit être prise en compte:
+ 20% si le ferme-porte est sans frein
+ 75% si le ferme-porte est avec frein



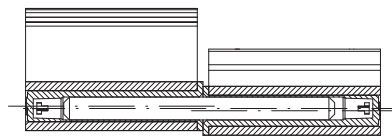
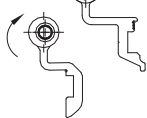
50 pz



180°



180°



PORTATA
LOAD CAPACITY · CAPACITÉ

2 pezzi · pieces · pièces **60 Kg**

PAG. 49



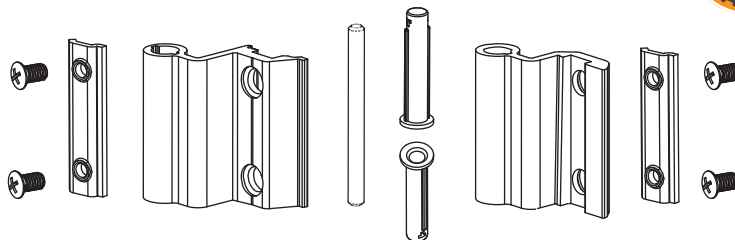
FINITURA
FINISHING · FINITION

RAL
9005

Nero
Black · Noir



CONFEZIONE
PACKAGE · CONDITIONNEMENT



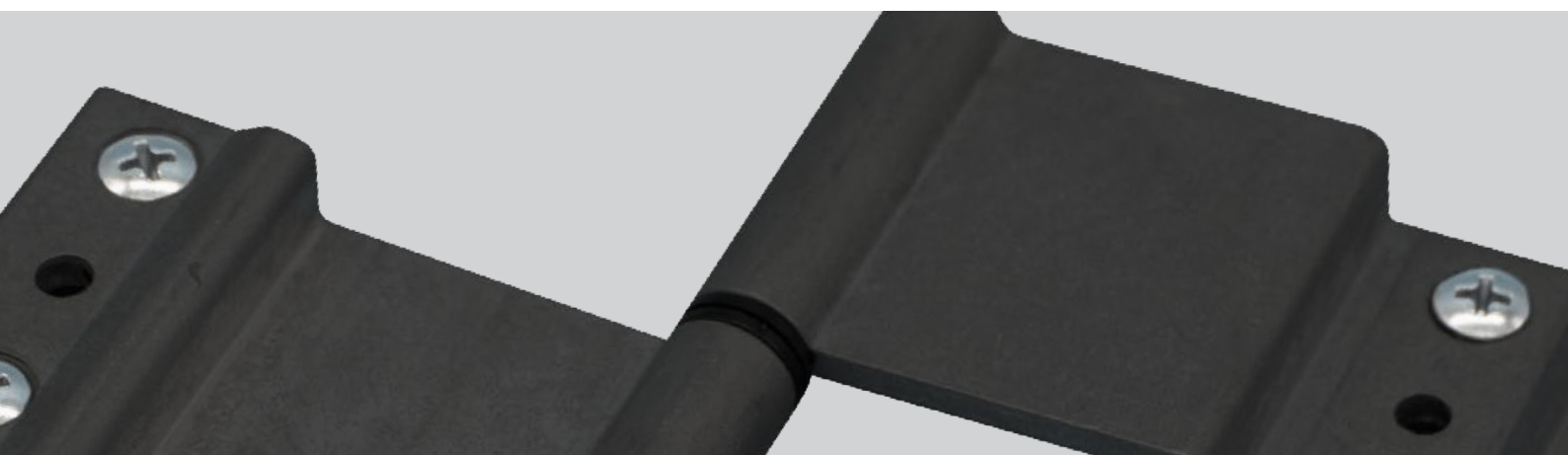
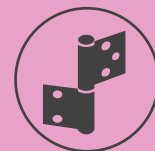
CODICE · CODE

NOTE · NOTES

HT.2023.00

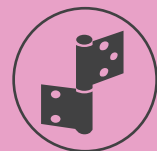
Ali premontate
Pre-assembled wings · Lames pré-montées

NOTE • NOTES



CERNIERE PER CAMERA NON EUROPEA

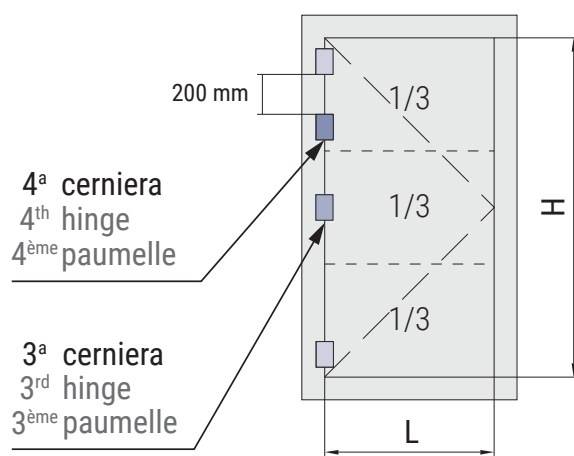
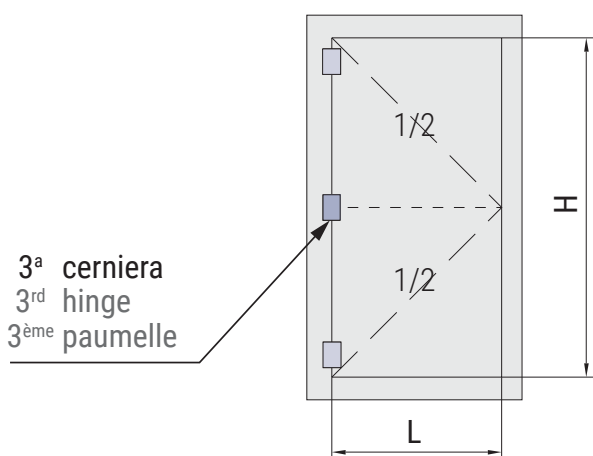
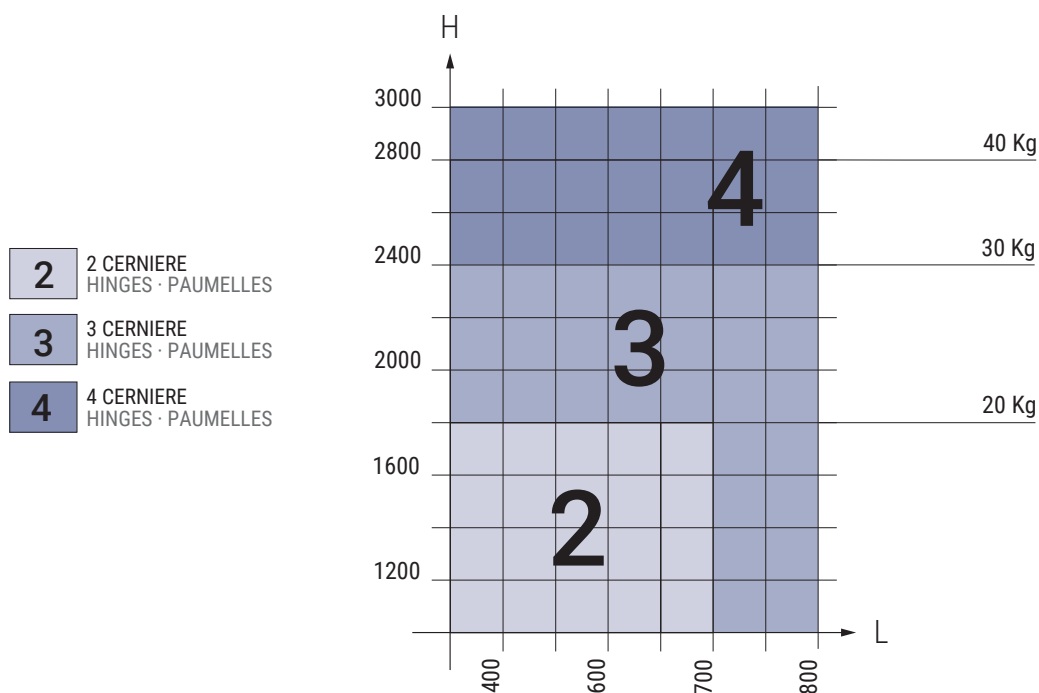
NON-EUROGROOVE HINGES
PAUMELLES CHAMBRE NON EUROPÉENNE



DIMENSIONI ANTA
FRAME SIZE · DIMENSIONS DE LA FENÊTRE



MASSA ANTA
FRAME WEIGHT · POIDS DE LA FENÊTRE



REQUISITI DI APPLICAZIONE · APPLICATION REQUIREMENTS · CONDITIONS D'APPLICATION

✓ H / L >= 2

✓ Costruzione e fissaggio della cerniera eseguiti a regola d'arte

✓ H / L >= 2

✓ Construction and hinge fixing performed in a workmanlike manner

✓ H / L >= 2

✓ Construction et fixation des paumelles effectuées de manière professionnelle

USO DI CHIUDIORTA · WITH DOOR CLOSER · AVEC FERME-PORTE

Quando viene impiegato un chiudiporta bisogna considerare la massa dell'anta:

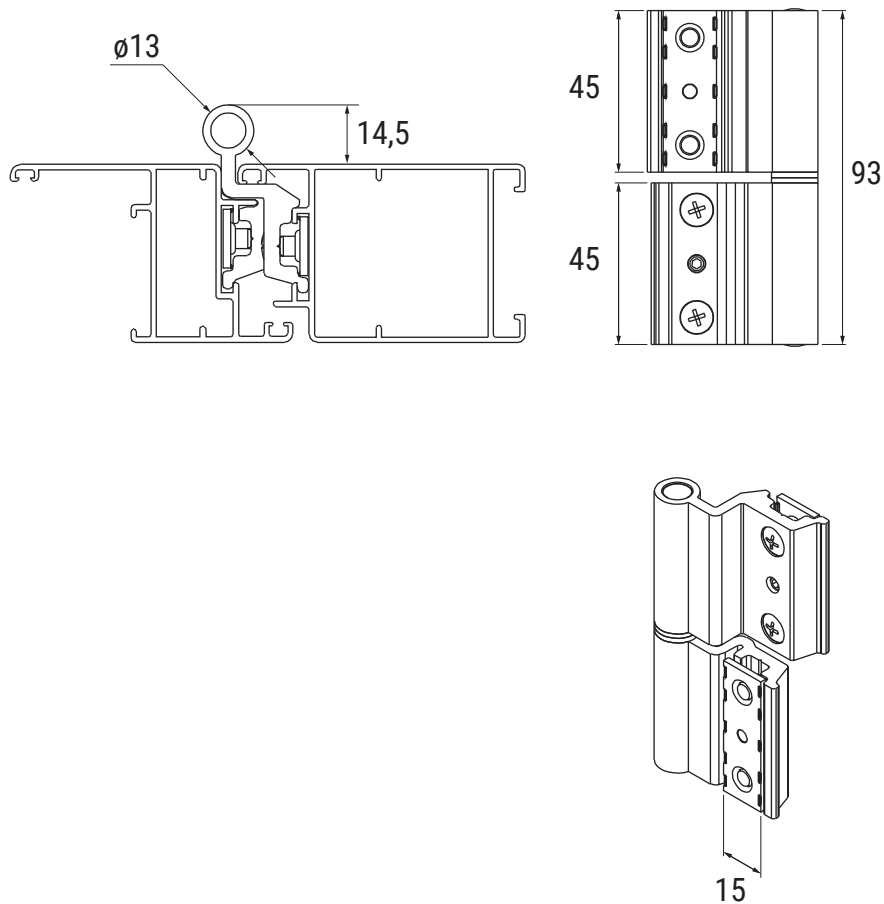
+20% se il chiudiporta è senza freno
+75% se il chiudiporta è con freno

When a door closer is used, the door mass varies as follows:

+ 20% if the door closer is without brake
+ 75% if the door closer is with brake

Lorsqu'un ferme-porte est utilisé, la masse de la porte doit être prise en compte:

+ 20% si le ferme-porte est sans frein
+ 75% si le ferme-porte est avec frein



50 pz

Cerniera con piastrina ad infilare e terzo foro

Hinge with threader plate and a third hole

Paumelle avec plaque à enfiler et troisième trou



PORTATA
LOAD CAPACITY · CAPACITÉ

2 pezzi · pieces · pièces 40 Kg

PAG. 53



FINITURA
FINISHING · FINITION

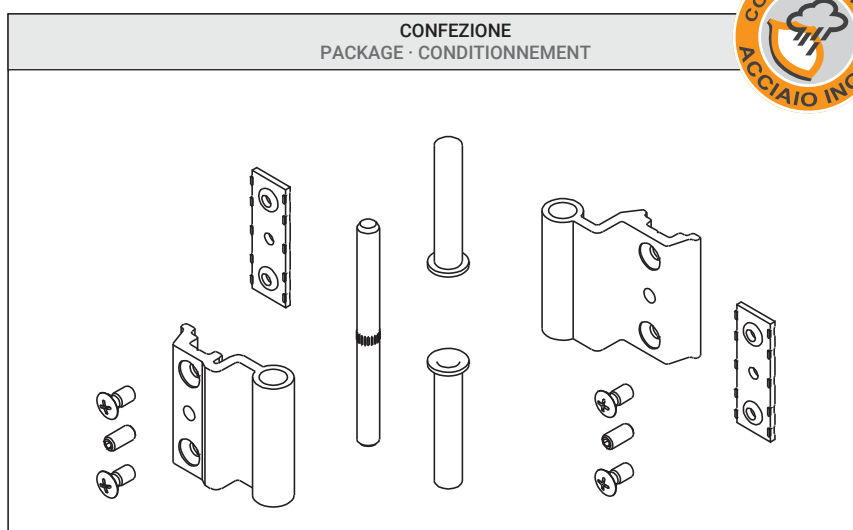
Alluminio Grezzo
Aluminium Raw · Brut

RAL 9005 Nero
Black · Noir

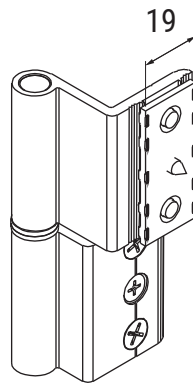
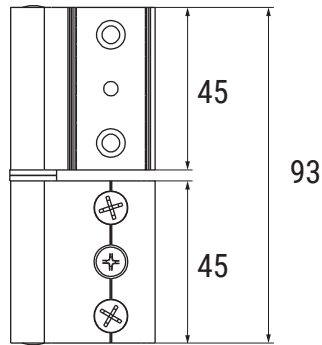
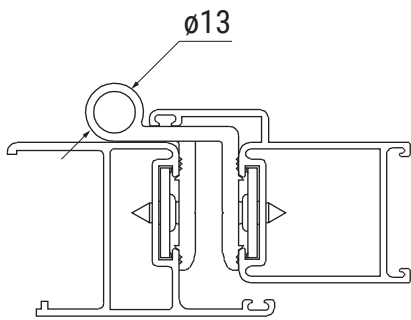
RAL Verniciatura a polvere
Powder coated
Revêtement en poudre



Su richiesta
On request
Sur demande



CODICE · CODE	SERIE
AM3	C.L.L. - Tecno Persiana
	GEAL - Sea



50 pz

Cerniera a due ali
in alluminio - sormonto

Two wings hinge
in aluminium - overlap

Paumelle à deux lames
en aluminium - surmontage



PORTATA
LOAD CAPACITY · CAPACITÉ

2 pezzi · pieces · pièces **40 Kg**

PAG. 53



FINITURA
FINISHING · FINITION

Alluminio Grezzo
Aluminium Raw · Brut

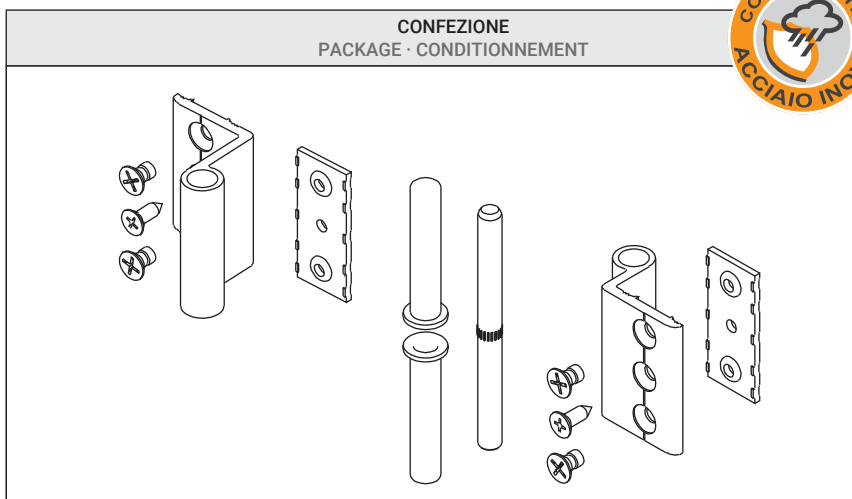
RAL 9005 Nero
Black · Noir

RAL Verniciatura a polvere
Powder coated
Revêtement en poudre



Su richiesta
On request
Sur demande

CONFEZIONE
PACKAGE · CONDITIONNEMENT



CODICE · CODE

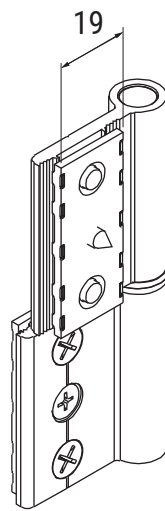
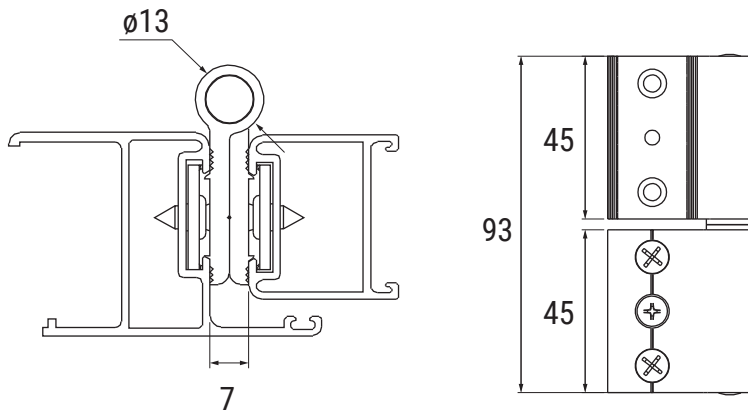
SERIE

AN009

HYDRO B.S.I. - Domal Sunny XXMiglia

C.L.L. - Nice

FRESIA ALLUMINIO - Global 32



50 pz

Cerniera a due ali
in alluminio - complanare
Two wings hinge
in aluminium - coplanar
Paumelle à deux lames
en aluminium - coplanaire



PORTATA
LOAD CAPACITY · CAPACITÉ

2 pezzi · pieces · pièces 40 Kg

PAG. 53



FINITURA
FINISHING · FINITION

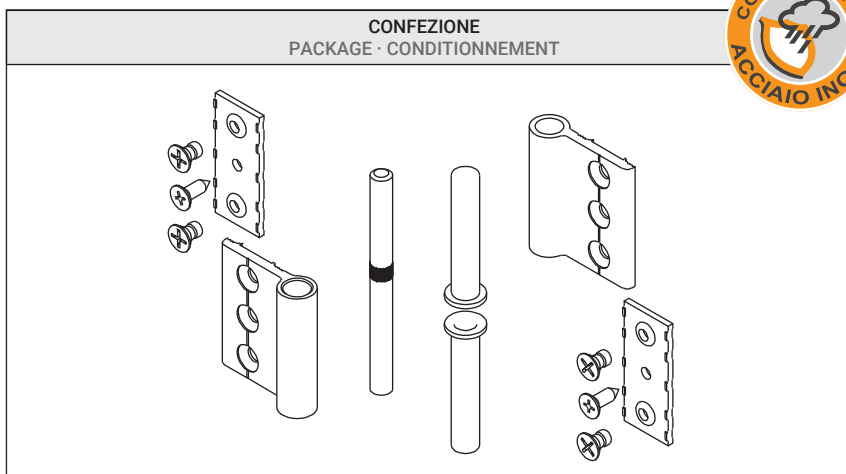
Alluminio Grezzo
Aluminium Raw · Brut

RAL 9005 Nero
Black · Noir

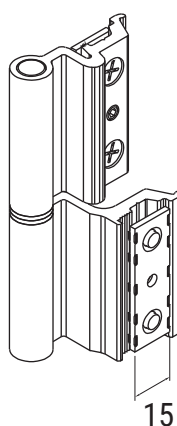
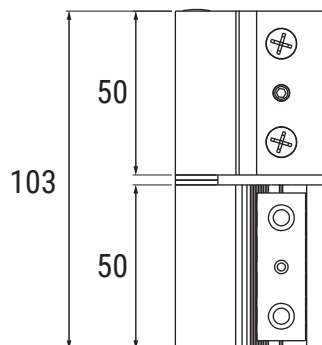
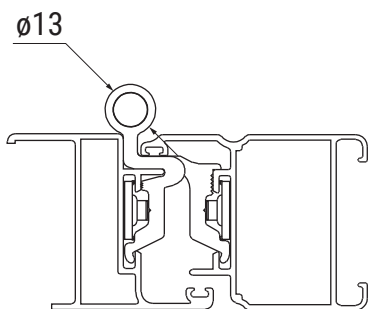
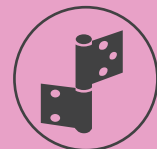
RAL Verniciatura a polvere
Powder coated
Revêtement en poudre



Su richiesta
On request
Sur demande



CODICE · CODE	SERIE
AN010	HYDRO B.S.I. Domal Sunny XXMiglia, Domal Indoor Stondata
	C.L.L. - Nice
	FRESIA ALLUMINIO - Global 32



50 pz

Cerniera con piastrina a infilare e terzo foro

Hinge with threader plate and a third hole

Paumelle avec plaque à enfileur et troisième trou

PORTATA
LOAD CAPACITY · CAPACITÉ

2 pezzi · pieces · pièces 40 Kg

PAG. 53

FINITURA
FINISHING · FINITION

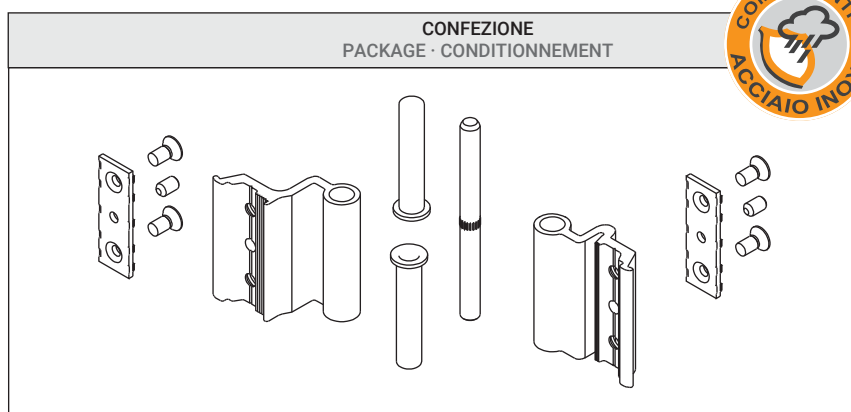
Alluminio Grezzo
Aluminium Raw · Brut

RAL 9005 Nero
Black · Noir

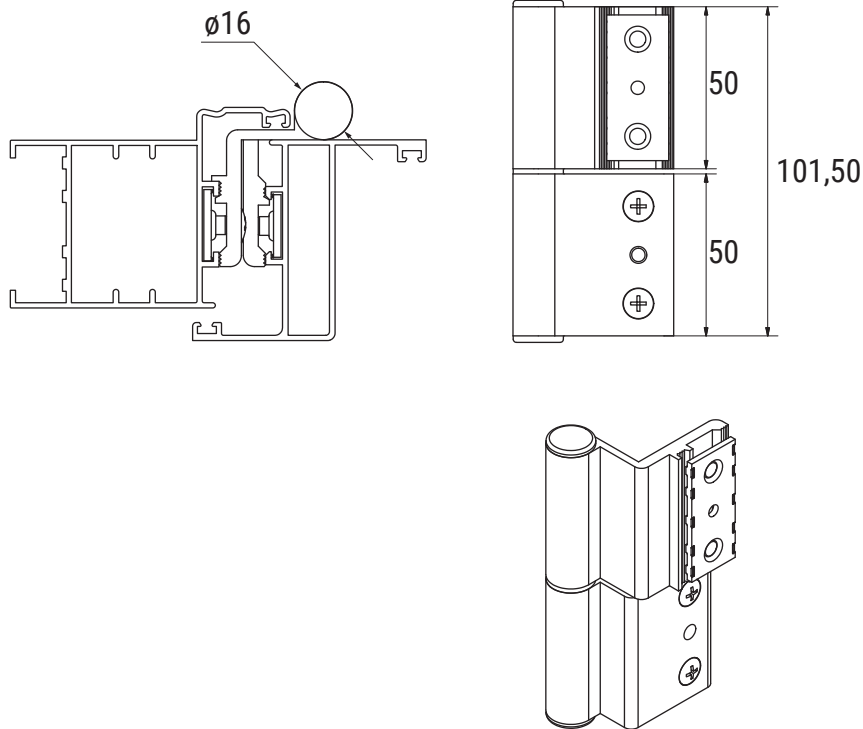
RAL Verniciatura a polvere
Powder coated
Revêtement en poudre



Su richiesta
On request
Sur demande



CODICE · CODE	SERIE
AW06040	HYDRO B.S.I. - Domal Genovese
	INDINVEST - Gold 5 Terre Complanare Antares
	ALU K - Persiana 45 P

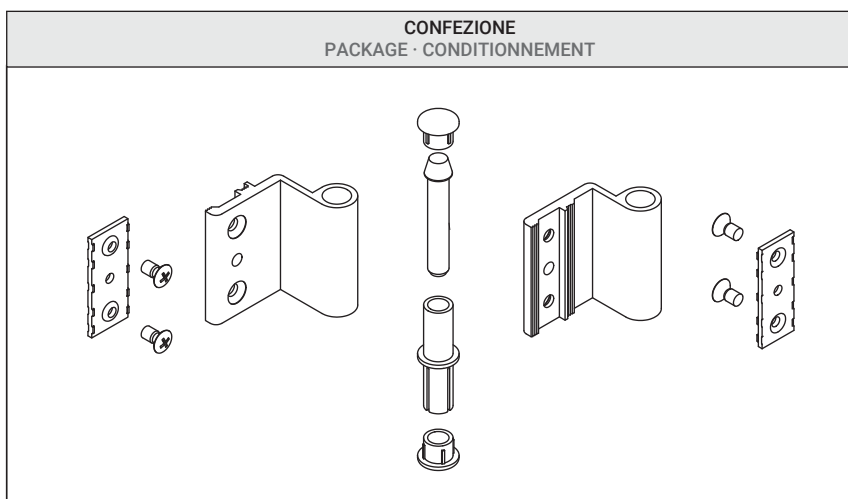


50 pz

Cerniera con piastrina ad infilare e terzo foro

Hinge with threader plate and a third hole

Paumelle avec plaque à enfiler et troisième trou



CODICE · CODE	SERIE
AW3-CAT	HYDRO B.S.I. - FB12, Domal Genovese, Ideal Gelsia
	INDINVEST LT - Gold 5 Terre Rustico
	FRESIA ALLUMINIO - Global 45
AW3-GEA	GEAL - Ideal
AW3-DEM	DEMAL - Prestige 48
AW3-ANO	ALL.CO - Epocal Ligure-Toscana
AW3-AM	ALEXIA - Genovese



PORTATA
LOAD CAPACITY · CAPACITÉ

2 pezzi · pieces · pièces 25 Kg

PAG. 53



FINITURA
FINISHING · FINITION



Alluminio Grezzo
Aluminium Raw · Brut



RAL Nero
9005 Black · Noir



RAL Verniciatura a polvere
Powder coated
Revêtement en poudre



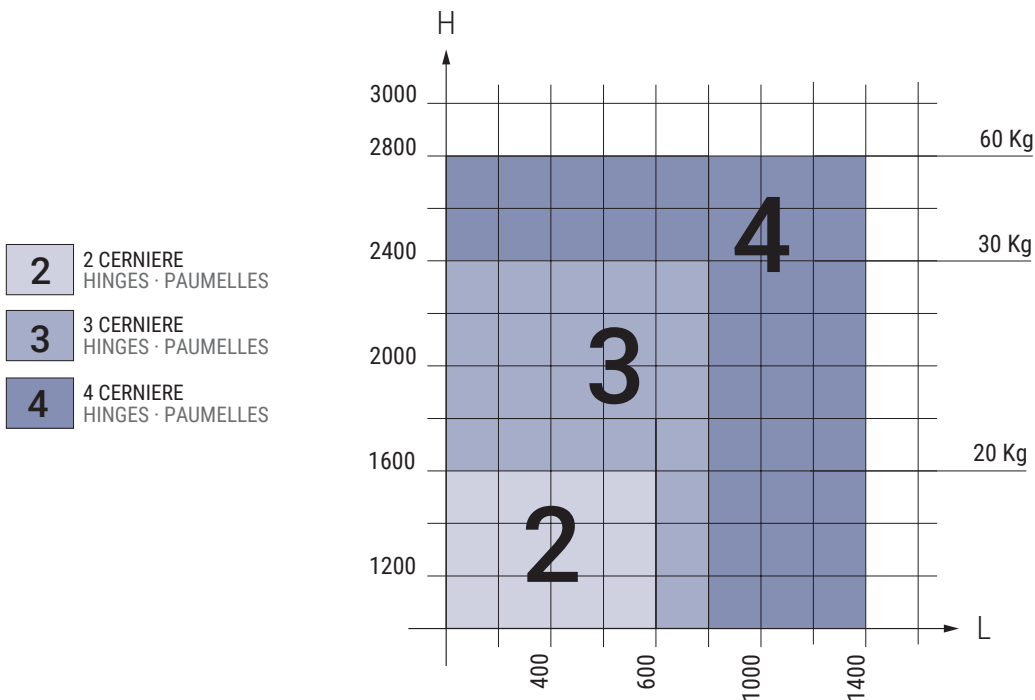
Su richiesta
On request
Sur demande



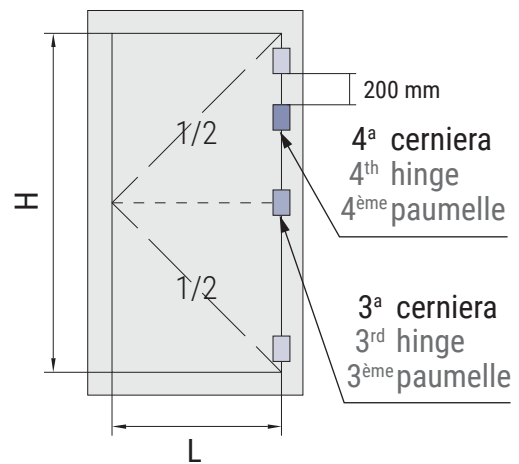
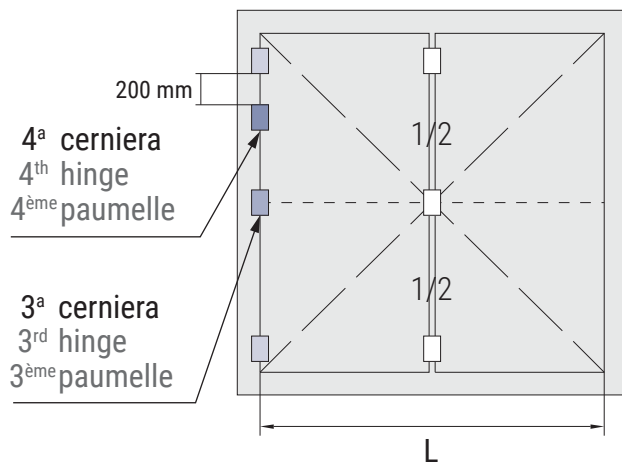
DIMENSIONI ANTA
FRAME SIZE · DIMENSIONS DE LA FENÊTRE



MASSA ANTA
FRAME WEIGHT · POIDS DE LA FENÊTRE



- 2** 2 CERNIERE
HINGES · PAUMELLES
- 3** 3 CERNIERE
HINGES · PAUMELLES
- 4** 4 CERNIERE
HINGES · PAUMELLES



REQUISITI DI APPLICAZIONE · APPLICATION REQUIREMENTS · CONDITIONS D'APPLICATION

- ✓ H / L >= 2
- ✓ Costruzione e fissaggio della cerniera eseguiti a regola d'arte

- ✓ H / L >= 2
- ✓ Construction and hinge fixing performed in a workmanlike manner

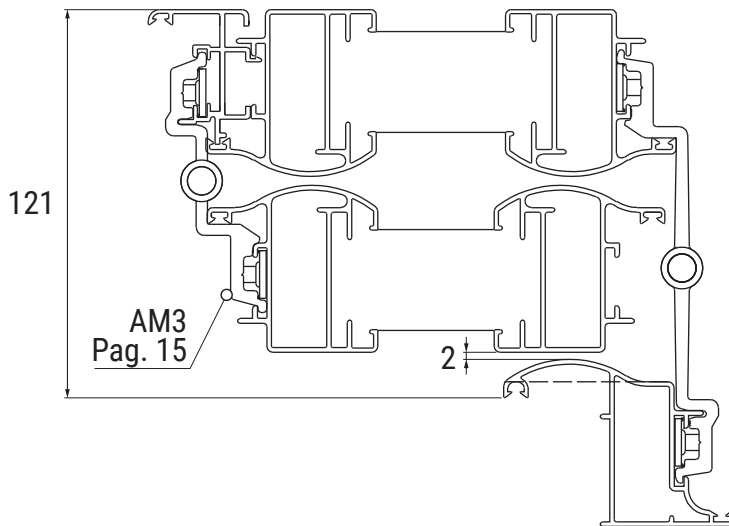
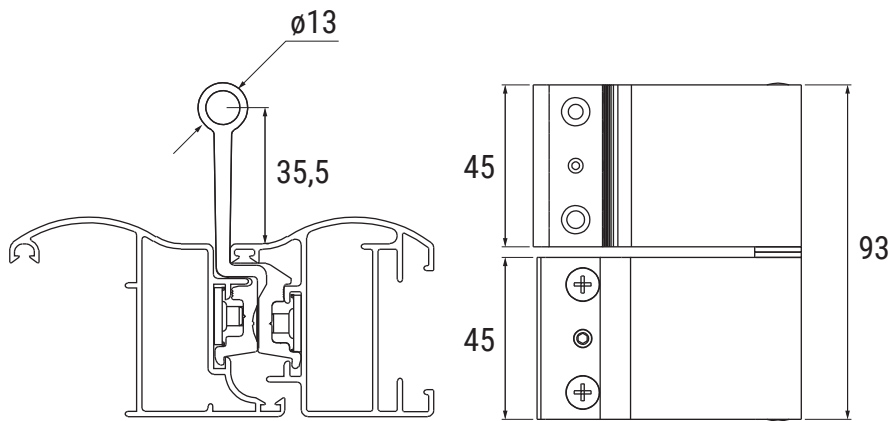
- ✓ H / L >= 2
- ✓ Construction et fixation des paumelles effectuées de manière professionnelle

USO DI CHIUDIPIORTA · WITH DOOR CLOSER · AVEC FERME-PORTE

Quando viene impiegato un chiudiporta bisogna considerare la massa dell'anta:
+20% se il chiudiporta è senza freno
+75% se il chiudiporta è con freno

When a door closer is used, the door mass varies as follows:
+ 20% if the door closer is without brake
+ 75% if the door closer is with brake

Lorsqu'un ferme-porte est utilisé, la masse de la porte doit être prise en compte:
+ 20% si le ferme-porte est sans frein
+ 75% si le ferme-porte est avec frein



50 pz

Cerniera a collo lungo
con piastrina ad infilare

Hinge with threader plate
and long offset

Paumelle avec plaque à enfiler
déport long



PORTATA
LOAD CAPACITY · CAPACITÉ

2 pezzi · pieces · pièces 20 Kg

PAG. 59



FINITURA
FINISHING · FINITION



Alluminio Grezzo
Aluminium Raw · Brut



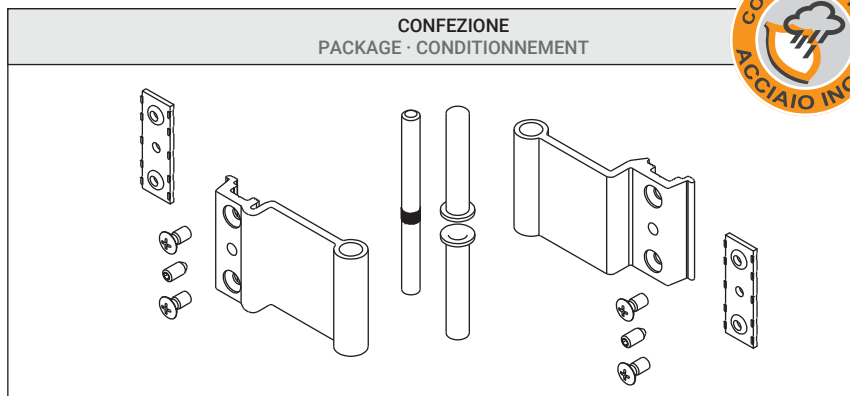
RAL 9005 Nero
Black · Noir



RAL Verniciatura a polvere
Powder coated
Revêtement en poudre

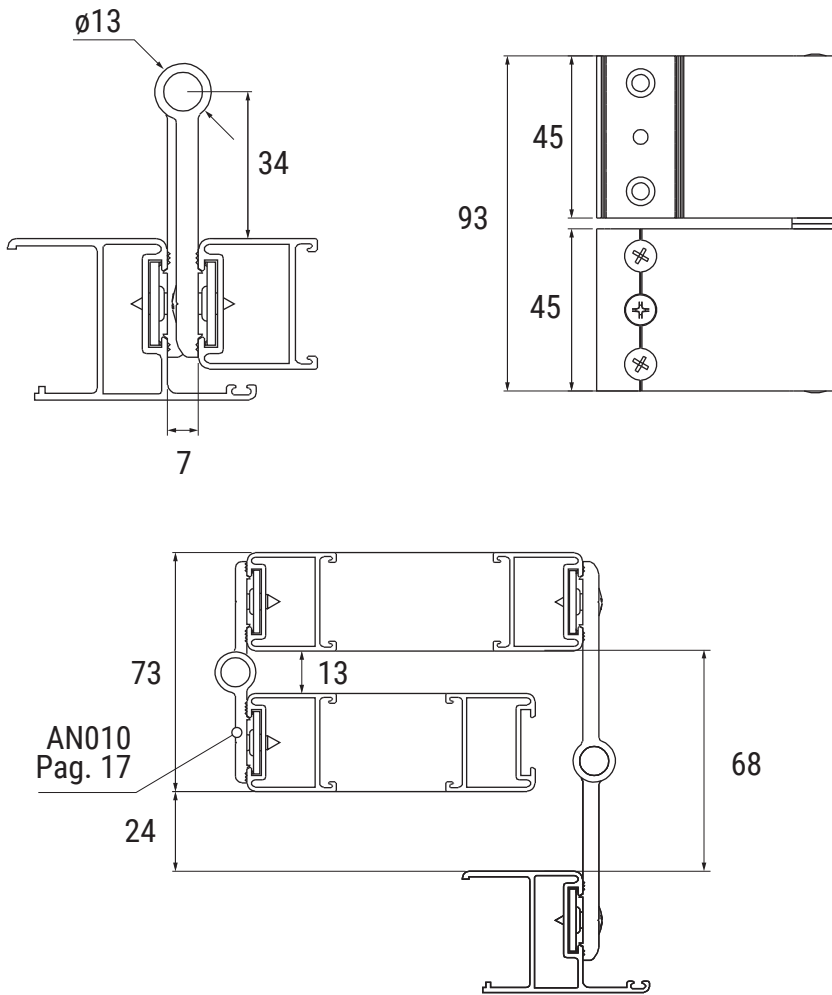


Su richiesta
On request
Sur demande



CODICE · CODE	SERIE
AM4	C.L.L. - Tecno Persiana
	GEAL - Sea

AN011



50 pz

Cerniera a due ali
in alluminio - collo lungo

Two wings hinge
in aluminium - long offset

Paumelle à deux lames
en aluminium - déport long



PORTATA
LOAD CAPACITY · CAPACITÉ

2 pezzi · pieces · pièces 20 Kg

PAG. 59



FINITURA
FINISHING · FINITION

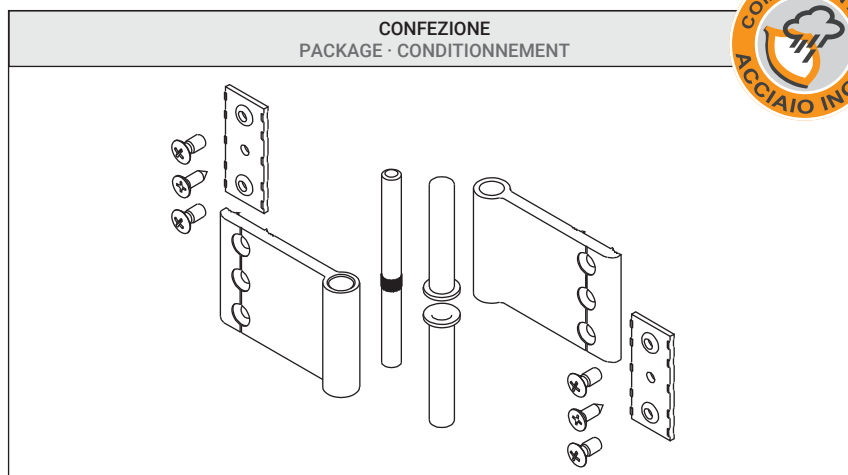
Alluminio Grezzo
Aluminium Raw · Brut

RAL 9005 Nero
Black · Noir

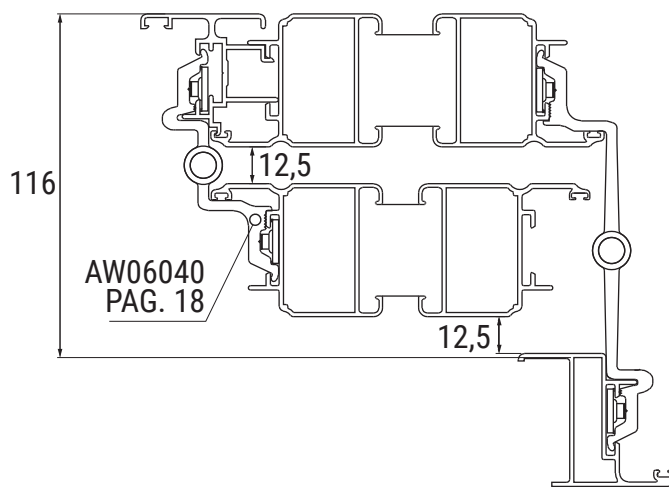
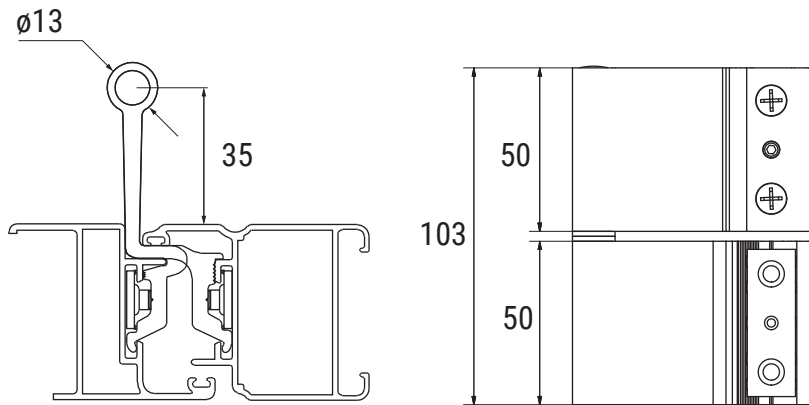
RAL Verniciatura a polvere
Powder coated
Revêtement en poudre



Su richiesta
On request
Sur demande



CODICE · CODE	SERIE
AN011	HYDRO B.S.I. Domal Sunny XXMiglia, Domal Indoor Stondata
	C.L.L. - Nice
	FRESIA ALLUMINIO - Global 32



50 pz

Cerniera a collo lungo
con piastrina a infilare

Hinge with threader plate
and long offset

Paumelle avec plaque à enfiler
déport long



PORTATA
LOAD CAPACITY · CAPACITÉ

2 pezzi · pieces · pièces 20 Kg

PAG. 59



FINITURA
FINISHING · FINITION



Alluminio Grezzo
Aluminium Raw · Brut



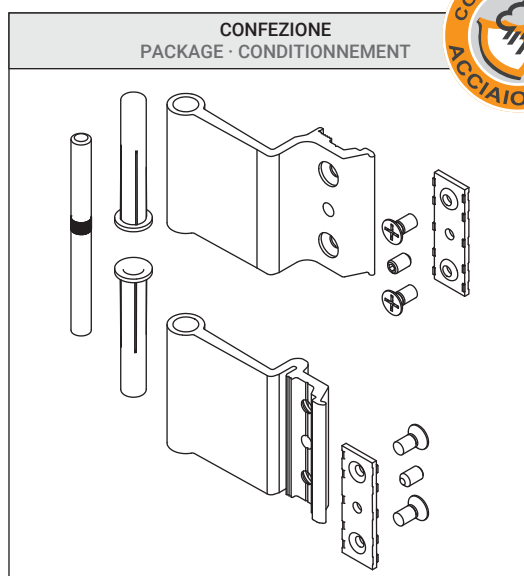
RAL 9005 Nero
Black · Noir



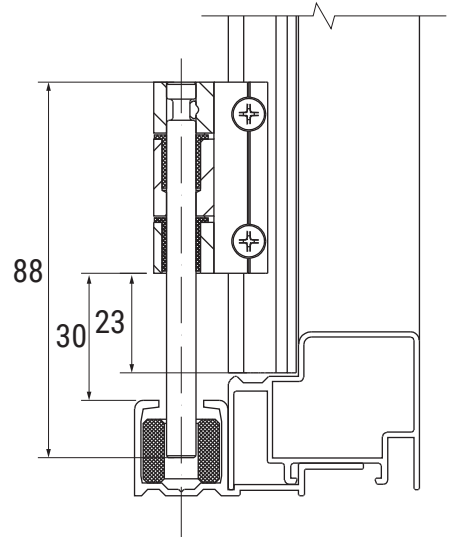
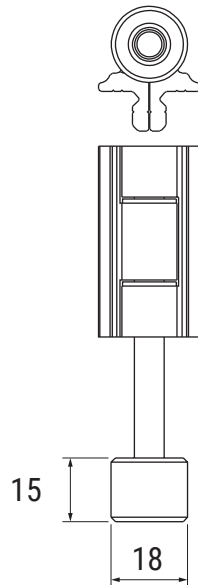
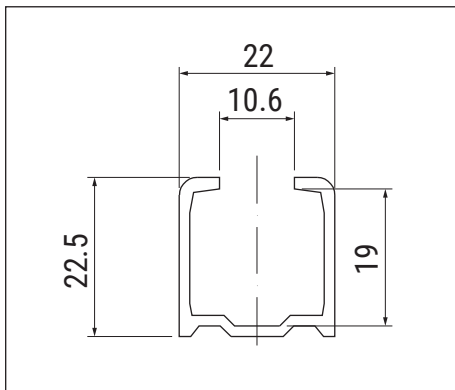
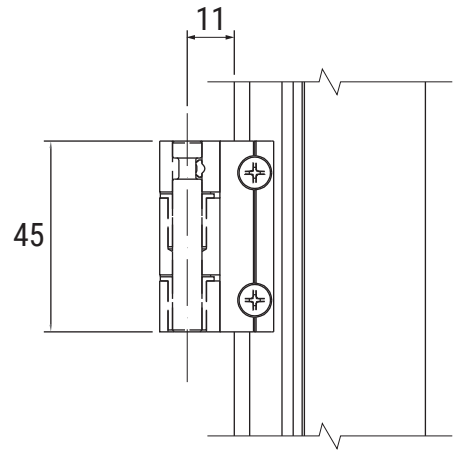
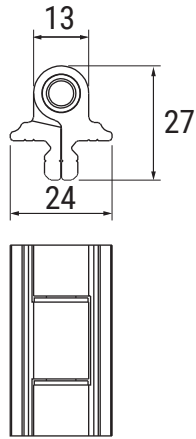
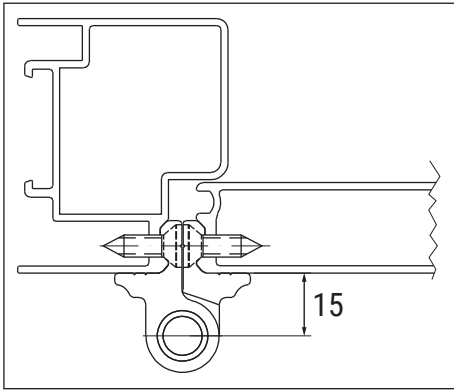
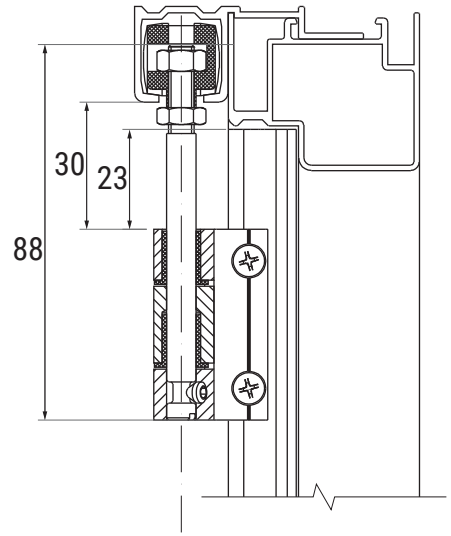
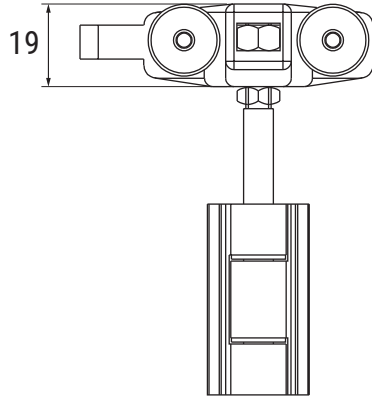
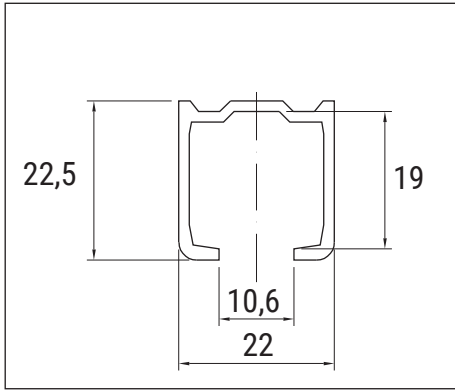
RAL Verniciatura a polvere
Powder coated
Revêtement en poudre



Su richiesta
On request
Sur demande



CODICE · CODE	SERIE
AW06041	HYDRO B.S.I. - Domal Genovese
	INDINVEST - Gold 5 Terre Complanare Antares
	ALU K - Persiana 45 P





CODICE
CODE · CODE

09033 SUP

Cerniera superiore per scuretti in alluminio 45 mm

Top hinge for blind shutters in aluminium - 45 mm

Paumelle supérieure pour volets à battant plein en aluminium - 45 mm



FINITURA
FINISHING · FINITION

Alluminio Grezzo
Aluminium Raw · Brut

RAL 9005 Nero
Black · Noir

RAL Verniciatura a polvere
Powder coated
Revêtement en poudre



Su richiesta
On request
Sur demande

CODICE · CODE	SERIE		
09033SUP	INDINVEST - IQB	50 pz	2 pz 30 Kg
	ALL.CO - Doge 30		



09033 CEN

Cerniera per scuretti in alluminio 45 mm

Hinge for blind shutters in aluminium - 45 mm

Paumelle pour volets à battant plein en aluminium - 45 mm

Alluminio Grezzo
Aluminium Raw · Brut

RAL 9005 Nero
Black · Noir

RAL Verniciatura a polvere
Powder coated
Revêtement en poudre



Su richiesta
On request
Sur demande

CODICE · CODE	SERIE		
09033CEN	INDINVEST - IQB	50 pz	2 pz 65 Kg
	ALL.CO - Doge 30		



09033 INF

Cerniera inferiore per scuretti in alluminio 45 mm

Bottom hinge for blind shutters in aluminium - 45 mm

Paumelle inférieure pour volets à battant plein en aluminium - 45 mm

Alluminio Grezzo
Aluminium Raw · Brut

RAL 9005 Nero
Black · Noir

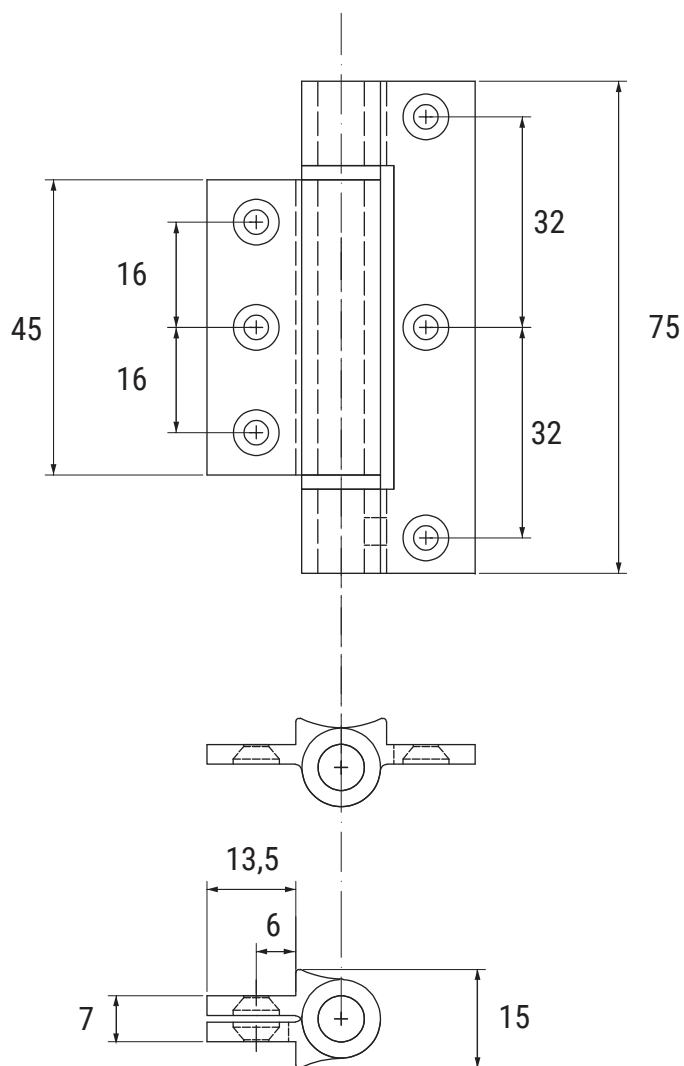
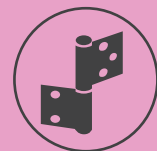
RAL Verniciatura a polvere
Powder coated
Revêtement en poudre



Su richiesta
On request
Sur demande

CODICE · CODE	SERIE		
09033INF	INDINVEST - IQB	50 pz	2 pz 30 Kg
	ALL.CO - Doge 30		

09080



50 pz

Cerniera per scuretti
in alluminio - 75 mm

Hinge for blind shutters in
aluminium - 75 mm

Paumelle pour volets à battant
plein en aluminium - 75 mm



PORTATA
LOAD CAPACITY · CAPACITÉ

2 pezzi · pieces · pièces 60 Kg



FINITURA
FINISHING · FINITION



Alluminio Grezzo
Aluminium Raw · Brut



RAL Nero
9005 Black · Noir

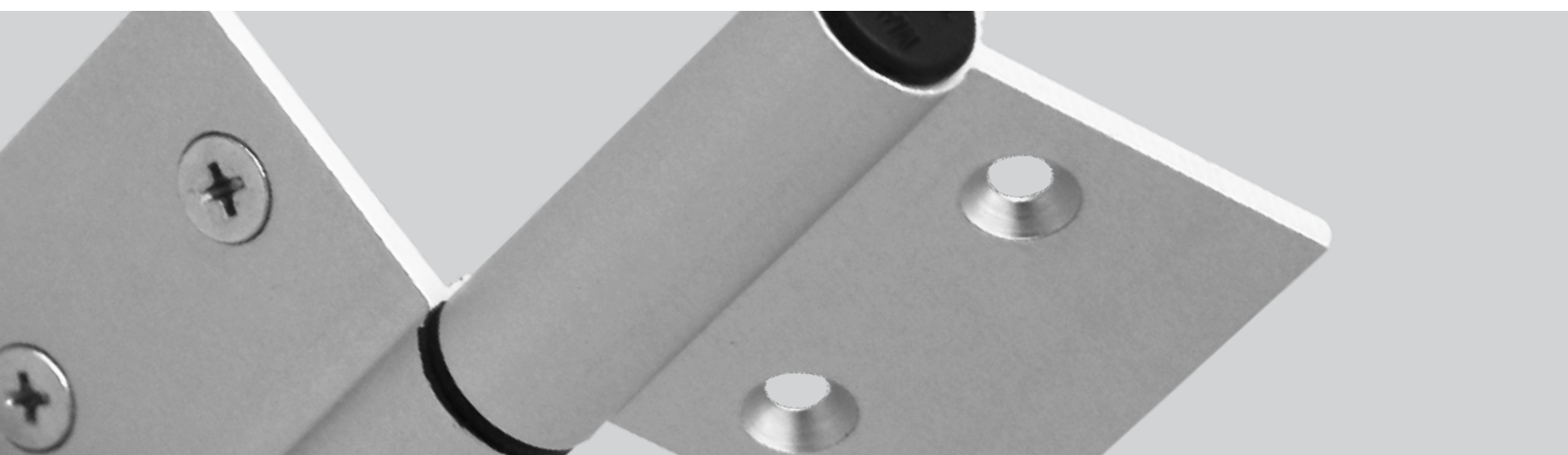
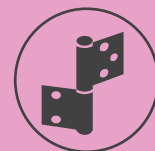


RAL Verniciatura a polvere
Powder coated
Revêtement en poudre



Su richiesta
On request
Sur demande

CODICE · CODE		NOTE · NOTES
09080	50 pz	



AG

CERNIERE PER PORTE INTERNE AD USO LEGGERO

INDOOR HINGES
FOR LIGHT USE

PAUMELLES POUR
PORTES D'INTÉRIEUR
À USAGE LÉGER

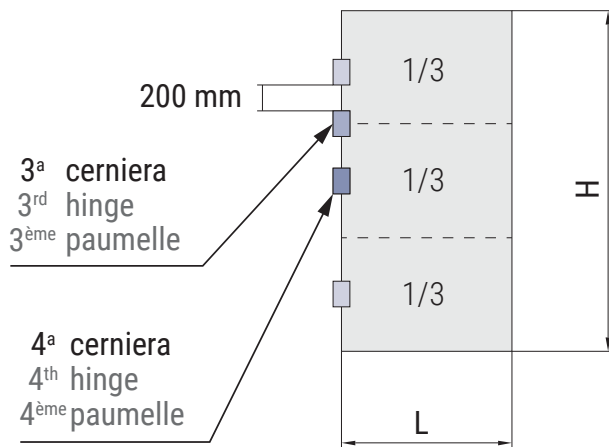
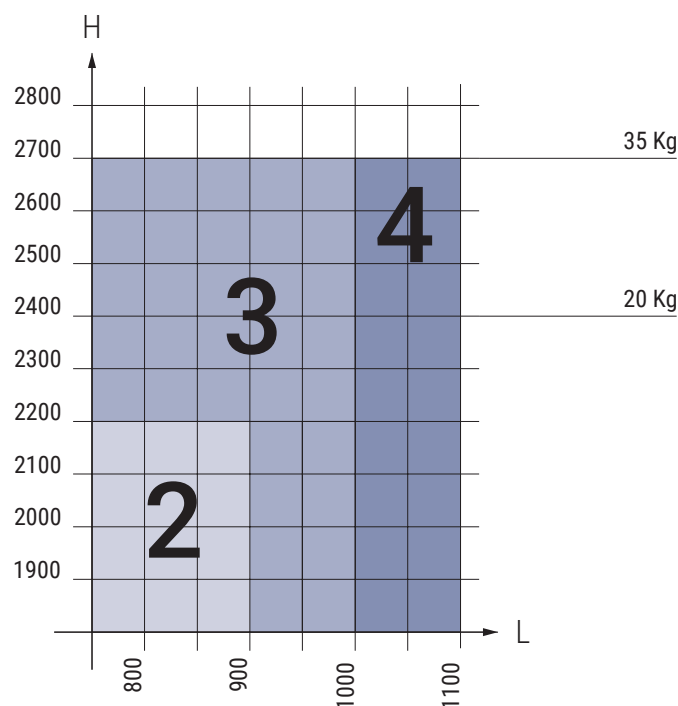


DIMENSIONI ANTA
DOOR SIZE · DIMENSIONS DE LA PORTE



MASSA ANTA
DOOR WEIGHT · POIDS DE LA PORTE

- 2** 2 CERNIERE
HINGES · PAUMELLES
- 3** 3 CERNIERE
HINGES · PAUMELLES
- 4** 4 CERNIERE
HINGES · PAUMELLES



REQUISITI DI APPLICAZIONE · APPLICATION REQUIREMENTS · CONDITIONS D'APPLICATION

✓ H / L >= 2
✓ Costruzione e fissaggio della cerniera eseguiti a regola d'arte

✓ H / L >= 2
✓ Construction and hinge fixing performed in a workmanlike manner

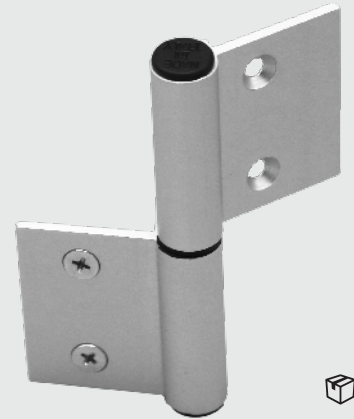
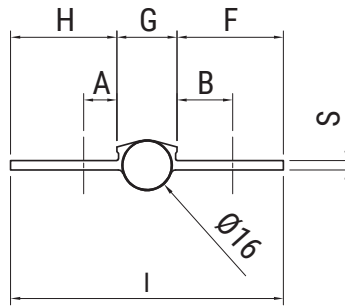
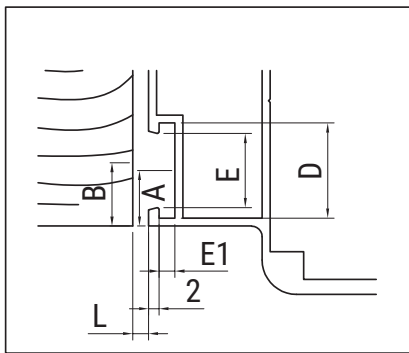
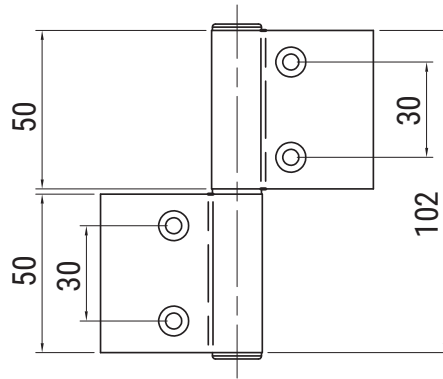
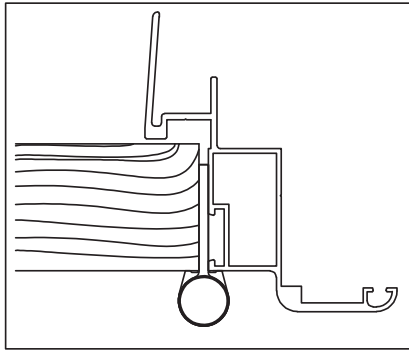
✓ H / L >= 2
✓ Construction et fixation des paumelles effectuées de manière professionnelle

USO DI CHIUDIORTA · WITH DOOR CLOSER · AVEC FERME-PORTE

Quando viene impiegato un chiudiporta bisogna considerare la massa dell'anta:
+20% se il chiudiporta è senza freno
+75% se il chiudiporta è con freno

When a door closer is used, the door mass varies as follows:
+ 20% if the door closer is without brake
+ 75% if the door closer is with brake

Lorsqu'un ferme-porte est utilisé, la masse de la porte doit être prise en compte:
+ 20% si le ferme-porte est sans frein
+ 75% si le ferme-porte est avec frein



50 pz

Cerniera per porte interne
alluminio / legno 2+2 fori

Hinge for indoor aluminium /
wood doors, 2+2 holes

Paumelle pour portes d'intérieur
en aluminium / bois, 2+2 trous



PORTATA
LOAD CAPACITY · CAPACITÉ

2 pezzi · pieces · pièces **25 Kg**

PAG. 67



FINITURA
FINISHING · FINITION



Alluminio Grezzo
Aluminium Raw · Brut



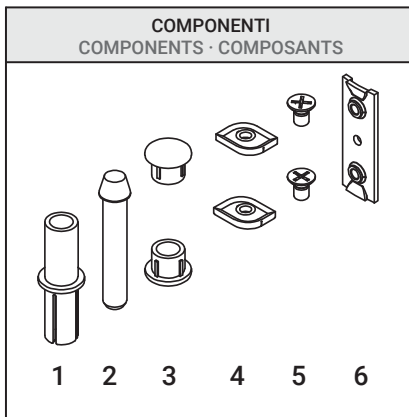
Ox Arg Argento ossidato
Anodized silver
Anodisé argent



RAL Verniciatura a polvere
Powder coated
Revêtement en poudre



Su richiesta
On request
Sur demande



* Comp. 6 sostituisce:
Replaces · Remplace:] Comp. 4

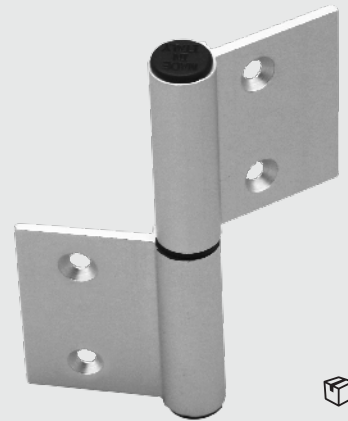
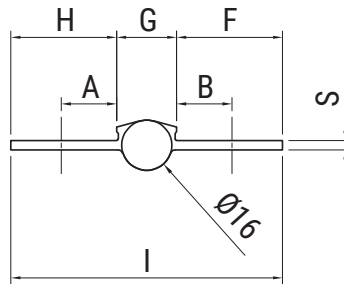
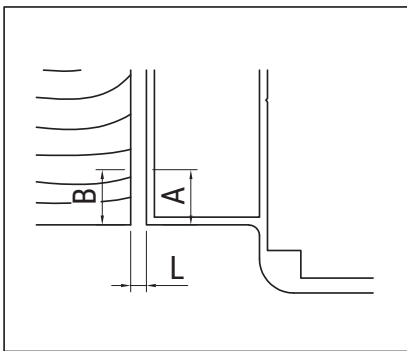
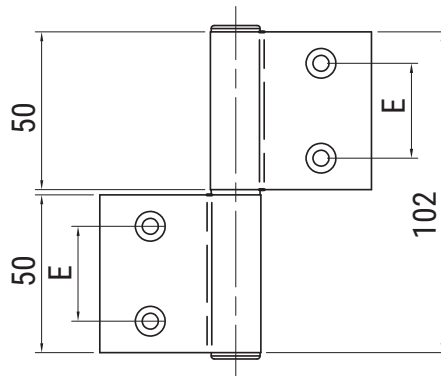
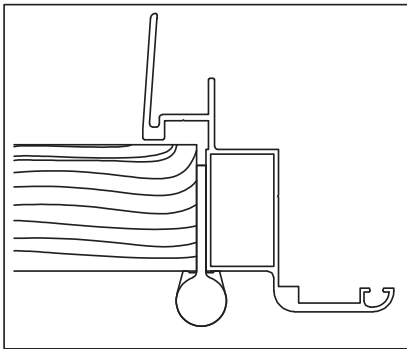


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* AG-IN	3,5	3	10,5	17,5	-	18	14	3	33,5	19	33,5	86	Per · for · pour C.E.
AG-DCA	3,5	3	23,5	23,5	-	18	14	3	33,5	19	33,5	86	
AG-DCB	3,5	3	11	11	-	18	14	3	33,5	19	33,5	86	Su richiesta
AG-OD	3,5	3	10,5	17,5	-	18	14	3	33,5	19	23,5	76	On request · Sur demande

C.E. = Camera europea · Eurogroove · Chambre européenne

AG 2+2

TELAIO LISCIO • FLAT FRAME • CHÂSSIS LISSE



50 pz

Cerniera per porte interne
alluminio / legno 2+2 fori

Hinge for indoor aluminium /
wood doors, 2+2 holes

Paumelle pour portes d'intérieur
en aluminium / bois, 2+2 trous



PORTATA
LOAD CAPACITY • CAPACITÉ

2 pezzi • pieces • pièces 25 Kg

PAG. 67



FINITURA
FINISHING • FINITION

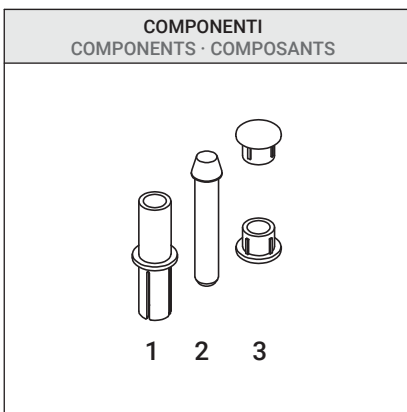
Alluminio Grezzo
Aluminium Raw • Brut

Ox Arg Argento ossidato
Anodized silver
Anodisé argent

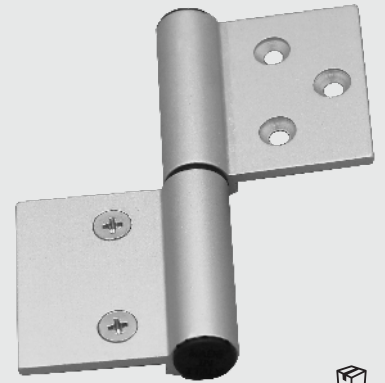
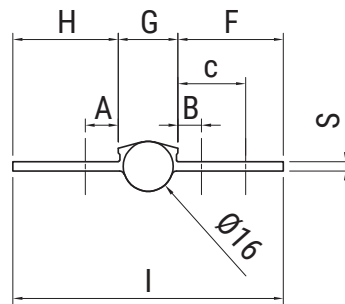
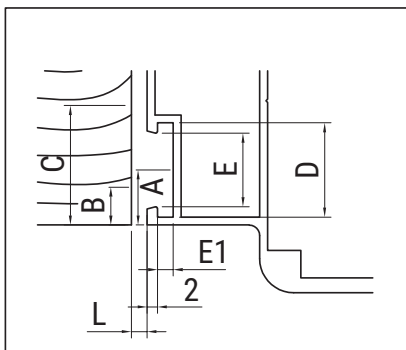
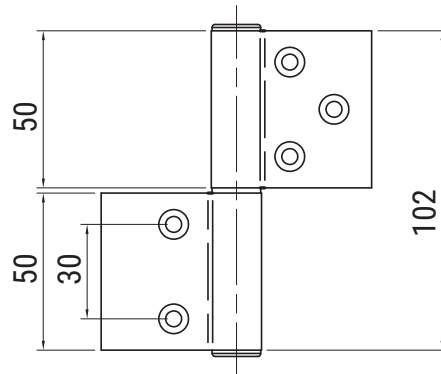
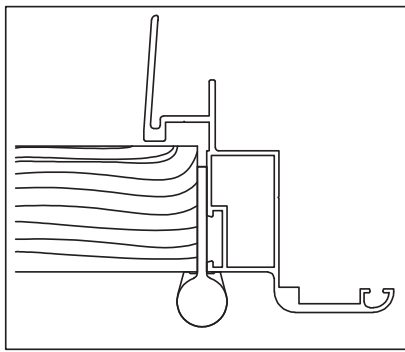
RAL Verniciatura a polvere
Powder coated
Revêtement en poudre



Su richiesta
On request
Sur demande



CODICE • CODE	L	S	A	B	C	D	E	F	G	H	I	NOTE • NOTES
AG-F	3,5	3	17,5	17,5	-	-	30	33,5	19	33,5	86	
AG-LF	3,5	3	14	14	-	-	30	33,5	19	33,5	86	
AG-TH	3,5	3	8,2	17,5	-	-	26	33,5	19	33,5	86	Su richiesta
AG-RN	3,5	3	20,8	17,2	-	-	26	33,5	19	33,5	86	On request • Sur demande



50 pz

Cerniera per porte interne
alluminio / legno 2+3 fori

Hinge for indoor aluminium /
wood doors, 2+3 holes

Paumelle pour portes d'intérieur
en aluminium / bois, 2+3 trous



PORTATA
LOAD CAPACITY · CAPACITÉ

2 pezzi · pieces · pièces

25 Kg

PAG. 67



FINITURA
FINISHING · FINITION



Alluminio Grezzo
Aluminium Raw · Brut



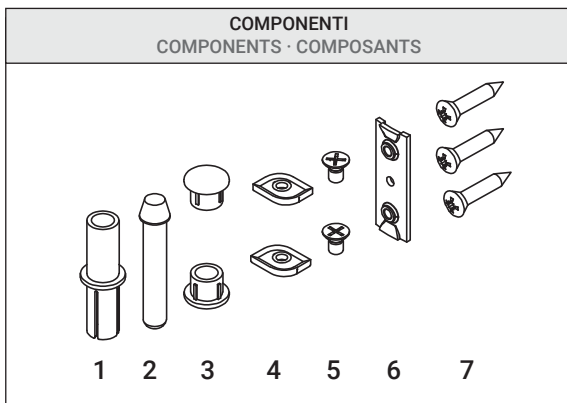
Ox Arg Argento ossidato
Anodized silver
Anodisé argent



RAL Verniciatura a polvere
Powder coated
Revêtement en poudre



Su richiesta
On request
Sur demande



- * Comp. 6 sostituisce:
Replaces: · Remplace: } Comp. 4
- ** Comp. 7 solo per:
Only for: · Seulement pour: } AG-105



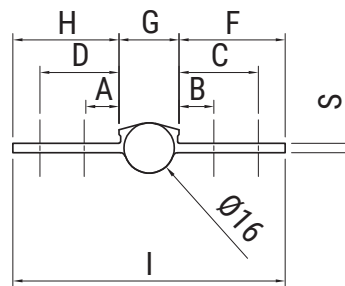
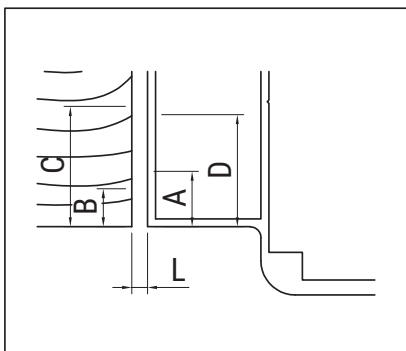
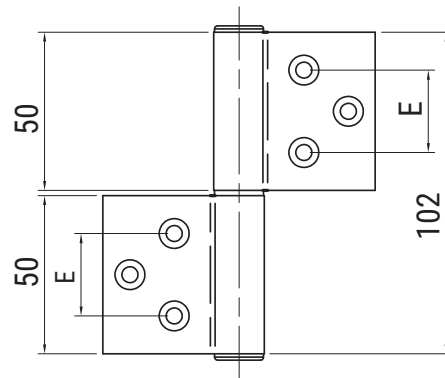
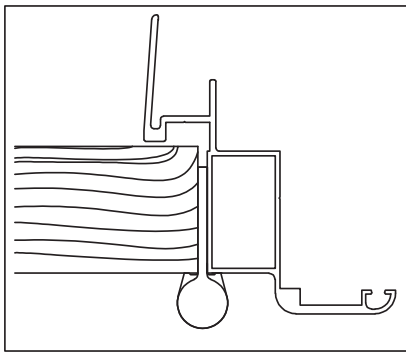
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	AG-2	3,5	3	10,5	11	25	18	14	3	33,5	19	33,5	86	Per · for · pour C.E.
*	AG-79	4,5	4,3	20,2	15	30	40	30	3	40	18,3	40	98,3	
	AG-DCA17044	3,5	3	23,5	11	25	18	15	3,5	33,5	19	33,5	86	Per · for · pour C.R.

C.E. = Camera europea · Eurogroove · Chambre européenne

C.R. = Camera R · R groove · Chambre R

AG 3+3

TELAIO LISCIO • FLAT FRAME • CHÂSSIS LISSE



50 pz

Cerniera per porte interne
alluminio / legno 3+3 fori

Hinge for indoor aluminium /
wood doors, 3+3 holes

Paumelle pour portes d'intérieur
en aluminium / bois, 3+3 trous



PORTATA
LOAD CAPACITY • CAPACITÉ

2 pezzi · pieces · pièces 25 Kg

PAG. 67



FINITURA
FINISHING • FINITION

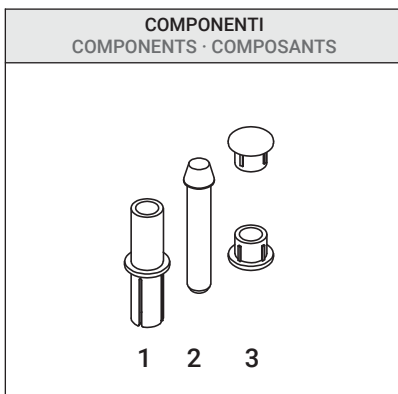
Alluminio Grezzo
Aluminium Raw · Brut

Ox Arg Argento ossidato
Anodized silver
Anodisé argent

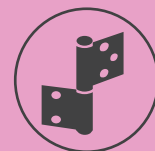
RAL Verniciatura a polvere
Powder coated
Revêtement en poudre



Su richiesta
On request
Sur demande



CODICE · CODE	L	S	A	B	C	D	E	F	G	H	I	NOTE · NOTES
AG	3,5	3	11	11	25	25	26	33,5	19	33,5	86	
AG-C	3,5	3	8	8	25	25	26	33,5	19	33,5	86	Su richiesta
AG-17116	4,5	4,3	13	13	33	33	30	40	18,3	40	98,3	On request · Sur demande



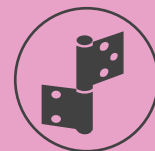
AG 100

CERNIERE PER PORTE INTERNE AD USO MEDIO-PESANTE

INDOOR HINGES
FOR MEDIUM-HEAVY USE

PAUMELLES POUR PORTES
D'INTÉRIEUR À USAGE
MOYEN-LOURD

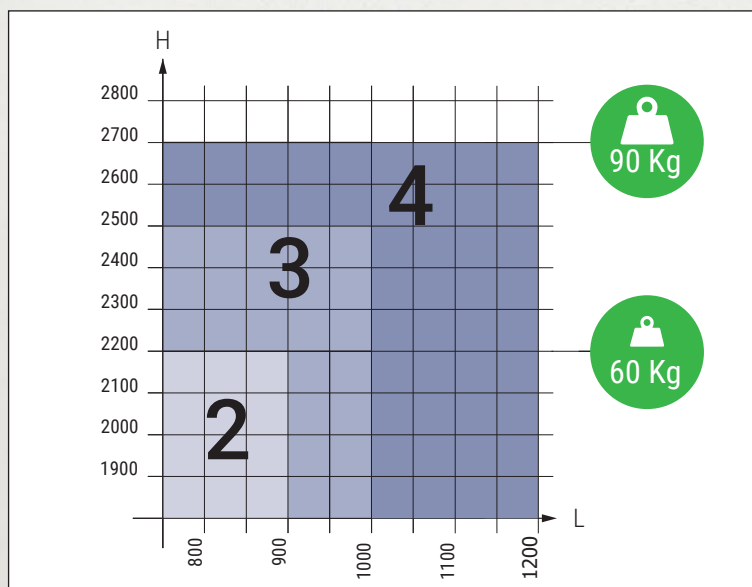




AG100

Alta portata per alte prestazioni

AG100 è la cerniera per porte interne a uso medio-pesante: è applicabile su porte coplanari con telaio in alluminio con camera europea, camera R o con telaio liscio. Grazie alla sua eccezionale portata è l'ideale per porte tutta altezza o situate in edifici con forte passaggio, ad esempio negli ospedali, negli uffici pubblici o privati.



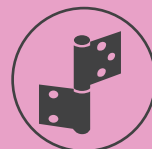
en AG100:
HIGH CAPACITY
FOR HIGH PERFORMANCE

AG100 is the hinge designed by Hammer for medium or heavy-duty use on internal doors: it is suitable for application on coplanar interior doors with aluminium Eurogroove frame, R chamber or flat frame.

Thanks to its exceptional capacity it is suitable for full-height doors or doors located in buildings with high traffic, such as hospitals or offices.

fr AG100:
CAPACITÉ ÉLEVÉE
POUR DES PERFORMANCES ÉLEVÉES

AG100 est la paumelle Hammer conçue pour usage moyen-lourd sur les portes d'intérieur: elle est idéale pour une application sur les portes d'intérieur coplanaires avec châssis en aluminium avec chambre européenne, chambre R ou châssis lisse, en particulier pour les portes pleine hauteur ou les portes situées dans des bâtiments où passe un grand nombre de personnes, comme les hôpitaux ou les bureaux.

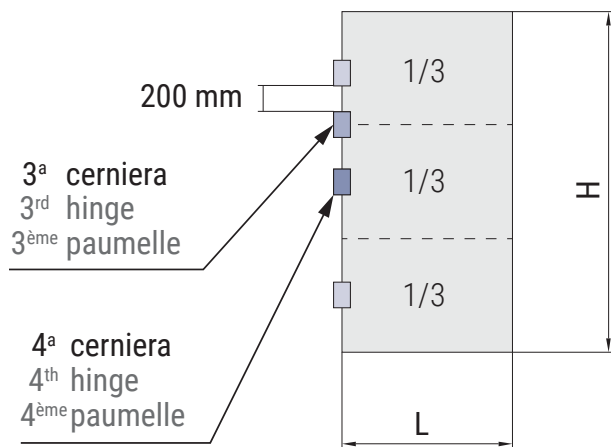
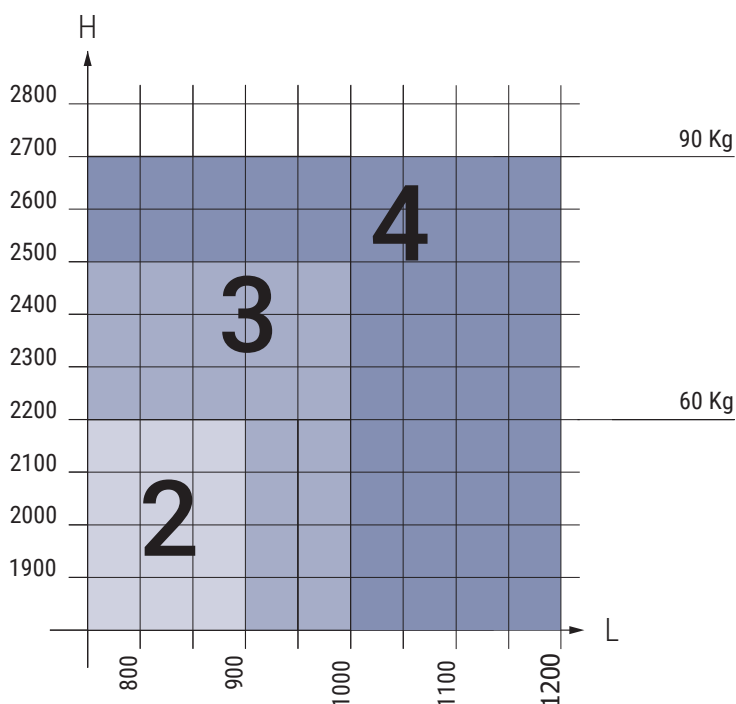


DIMENSIONI ANTA
DOOR SIZE · DIMENSIONS DE LA PORTE



MASSA ANTA
DOOR WEIGHT · POIDS DE LA PORTE

- 2** 2 CERNIERE
HINGES · PAUMELLES
- 3** 3 CERNIERE
HINGES · PAUMELLES
- 4** 4 CERNIERE
HINGES · PAUMELLES



REQUISITI DI APPLICAZIONE · APPLICATION REQUIREMENTS · CONDITIONS D'APPLICATION

✓ H / L >= 2

✓ Costruzione e fissaggio della cerniera eseguiti a regola d'arte

✓ H / L >= 2

✓ Construction and hinge fixing performed in a workmanlike manner

✓ H / L >= 2

✓ Construction et fixation des paumelles effectuées de manière professionnelle

USO DI CHIUDIORTA · WITH DOOR CLOSER · AVEC FERME-PORTE

Quando viene impiegato un chiudiporta bisogna considerare la massa dell'anta:

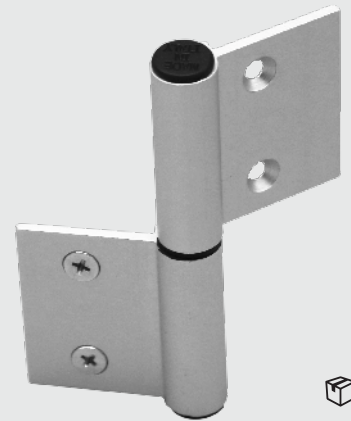
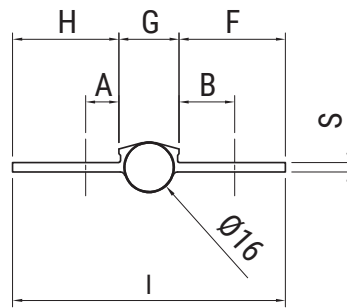
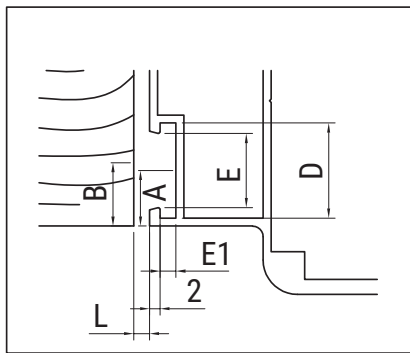
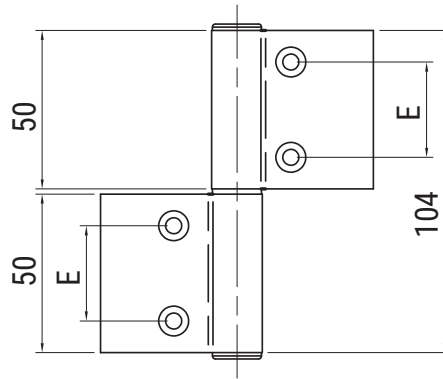
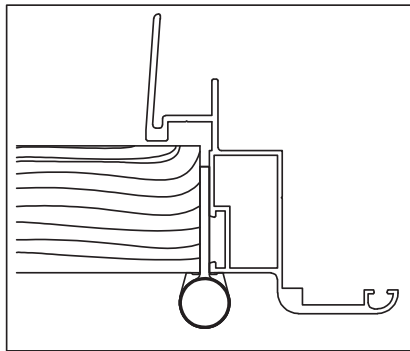
+20% se il chiudiporta è senza freno
+75% se il chiudiporta è con freno

When a door closer is used, the door mass varies as follows:

+ 20% if the door closer is without brake
+ 75% if the door closer is with brake

Lorsqu'un ferme-porte est utilisé, la masse de la porte doit être prise en compte:

+ 20% si le ferme-porte est sans frein
+ 75% si le ferme-porte est avec frein



50 pz

Cerniera per porte interne
alluminio / legno 2+2 fori
Hinge for indoor aluminium /
wood doors, 2+2 holes
Paumelle pour portes d'intérieur
en aluminium / bois, 2+2 trous



PORTATA
LOAD CAPACITY · CAPACITÉ

2 pezzi · pieces · pièces 60 Kg

PAG. 75



FINITURA
FINISHING · FINITION



Alluminio Grezzo
Aluminium Raw · Brut



Ox Arg Argento ossidato
Anodized silver
Anodisé argent

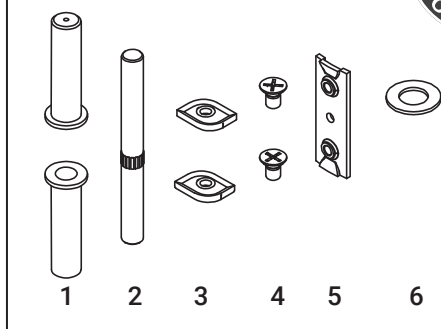


RAL Verniciatura a polvere
Powder coated
Revêtement en poudre



Su richiesta
On request
Sur demande

COMPONENTI
COMPONENTS · COMPOSANTS



* Comp. 5 sostituisce:
Replaces · Remplace:] Comp.3

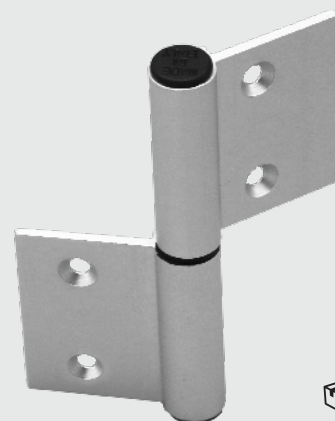
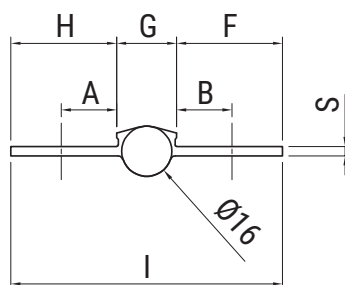
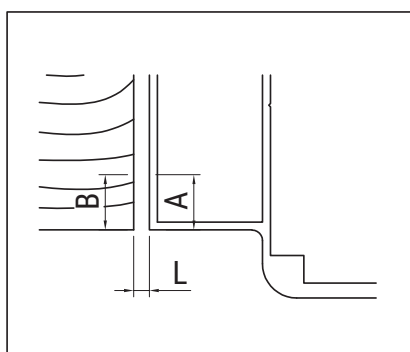
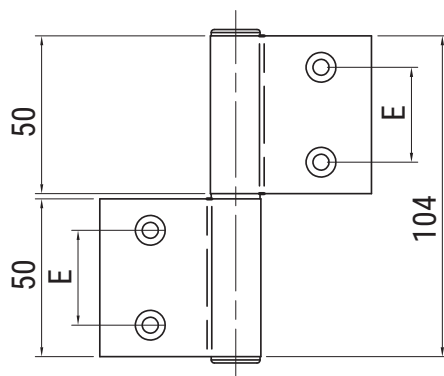
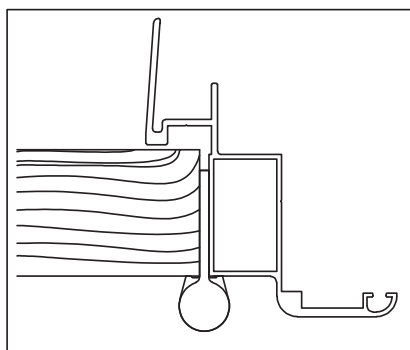
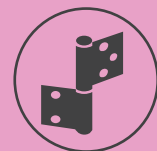


	CODICE · CODE	L	S	A	B	C	D	E	E1	F	G	H	I	NOTE · NOTES
*	AG100-26	3,5	3	10,5	17,5	-	18	14	3	33,5	19	33,5	86	Per · for · pour C.E.
*	AG100-IN	3,5	3	10,5	17,5	-	18	14	3	33,5	19	33,5	86	
	AG100-DCA	3,5	3	23,5	23,5	-	18	14	3	33,5	19	33,5	86	
	AG100-DCB	3,5	3	11	11	-	18	14	3	33,5	19	33,5	86	Su richiesta On request · Sur demande
	AG100-OD	3,5	3	10,5	17,5	-	18	14	3	33,5	19	23,5	76	

C.E. = Camera europea · Eurogroove · Chambre européenne

AG 100 2+2

TELAIO LISCIO • FLAT FRAME • CHÂSSIS LISSE



50 pz

Cerniera per porte interne
alluminio / legno 2+2 fori

Hinge for indoor aluminium /
wood doors, 2+2 holes

Paumelle pour portes d'intérieur
en aluminium / bois, 2+2 trous



PORTATA
LOAD CAPACITY • CAPACITÉ

2 pezzi • pieces • pièces **60 Kg**

PAG. 75



FINITURA
FINISHING • FINITION

Alluminio Grezzo
Aluminium Raw • Brut

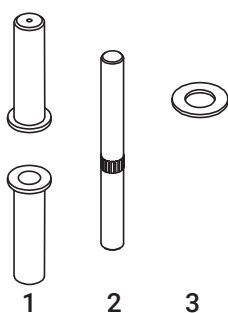
Ox Arg Argento ossidato
Anodized silver
Anodisé argent

RAL Verniciatura a polvere
Powder coated
Revêtement en poudre

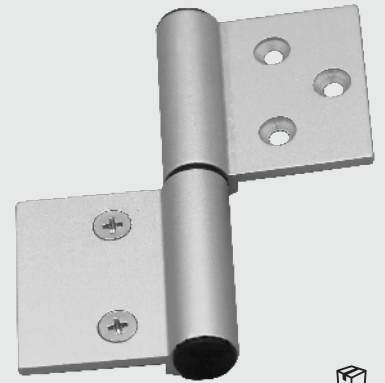
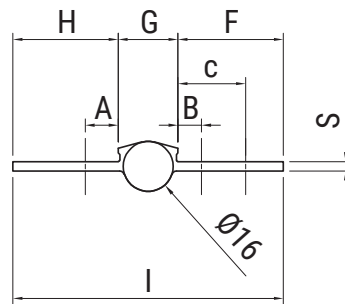
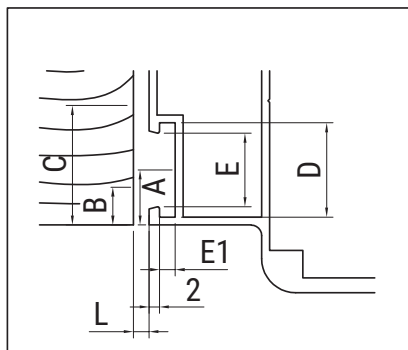
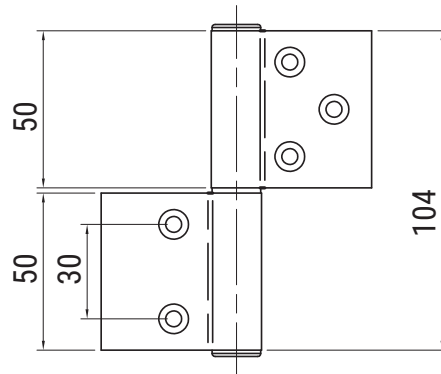
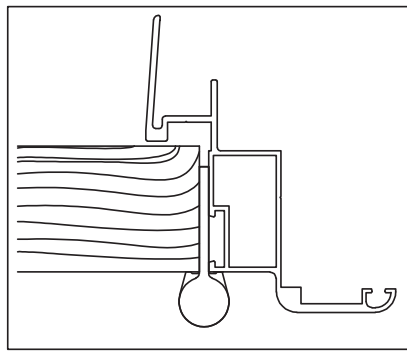


Su richiesta
On request
Sur demande

COMPONENTI
COMPONENTS • COMPOSANTS



CODICE • CODE	L	S	A	B	C	D	E	F	G	H	I	NOTE • NOTES
AG100-F	3,5	3	17,5	17,5	-	-	30	33,5	19	33,5	86	
AG100-LF	3,5	3	14	14	-	-	30	33,5	19	33,5	86	
AG100-TH	3,5	3	8,2	17,5	-	-	26	33,5	19	33,5	86	Su richiesta
AG100-RN	3,5	3	20,8	17,2	-	-	26	33,5	19	33,5	86	On request • Sur demande



50 pz

Cerniera per porte interne
alluminio / legno 2+3 fori

Hinge for indoor aluminium /
wood doors, 2+3 holes

Paumelle pour portes d'intérieur
en aluminium / bois, 2+3 trous



PORTATA
LOAD CAPACITY · CAPACITÉ

2 pezzi · pieces · pièces **60 Kg**

PAG. 75



FINITURA
FINISHING · FINITION

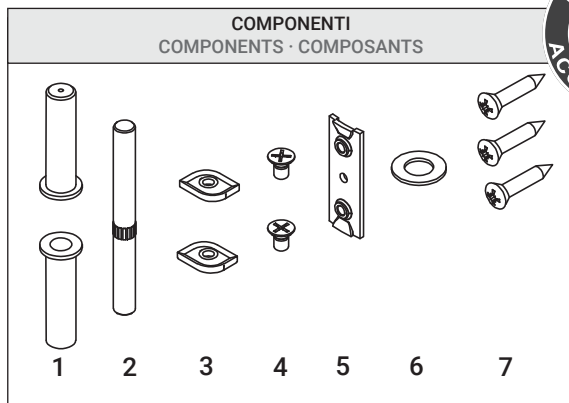
Alluminio Grezzo
Aluminium Raw · Brut

Ox Arg Argento ossidato
Anodized silver
Anodisé argent

RAL Verniciatura a polvere
Powder coated
Revêtement en poudre



Su richiesta
On request
Sur demande



- * Comp. 5 sostituisce:
Replaces: · Remplace: } Comp. 3
- ** Comp. 7 solo per:
Only for: · Seulement pour: } AG100-105



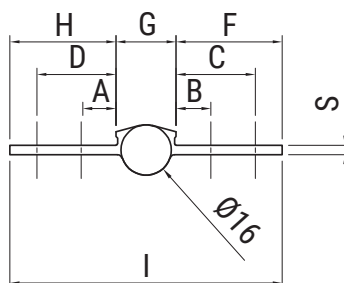
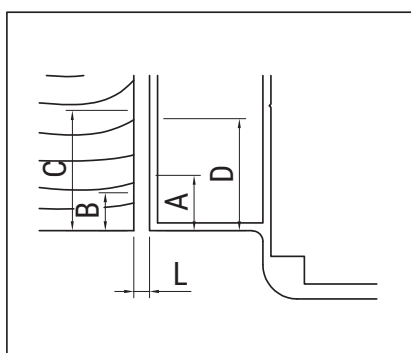
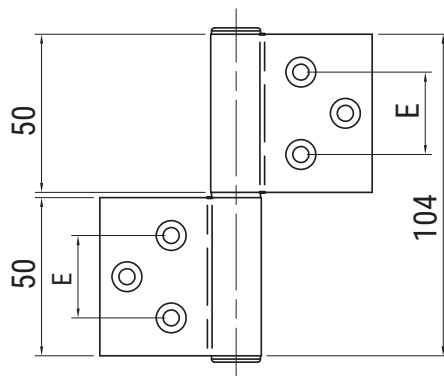
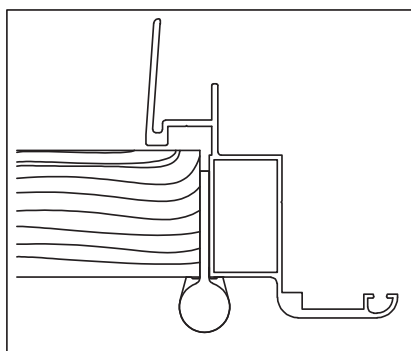
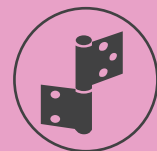
	CODICE · CODE	L	S	A	B	C	D	E	E1	F	G	H	I	NOTE · NOTES
**	AG100-105	3,5	3	11,5	11	25	18	14	3	33,5	19	33,5	86	Per · for · pour C.E.
	AG100-2	3,5	3	10,5	11	25	18	14	3	33,5	19	33,5	86	Per · for · pour C.E.
*	AG100-79	4,5	4,3	20,2	15	30	40	30	3	40	18,3	40	98,3	
	AG100-DCA17044	3,5	3	23,5	11	25	18	15	3,5	33,5	19	33,5	86	Per · for · pour C.R.

C.E. = Camera europea · Eurogroove · Chambre européenne

C.R. = Camera R · R groove · Chambre R

AG 100 3+3

TELAIO LISCIO • FLAT FRAME • CHÂSSIS LISSE



50 pz

Cerniera per porte interne
alluminio / legno 3+3 fori

Hinge for indoor aluminium /
wood doors, 3+3 holes

Paumelle pour portes d'intérieur
en aluminium / bois, 3+3 trous



PORTATA
LOAD CAPACITY • CAPACITÉ

2 pezzi · pieces · pièces **60 Kg**

PAG. 75



FINITURA
FINISHING • FINITION

Alluminio Grezzo
Aluminium Raw · Brut

Ox Arg Argento ossidato
Anodized silver
Anodisé argent

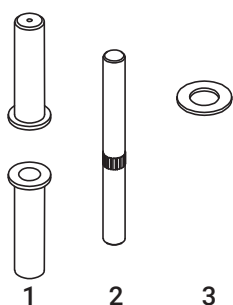
RAL Verniciatura a polvere
Powder coated
Revêtement en poudre



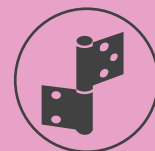
Su richiesta
On request
Sur demande



COMPONENTI
COMPONENTS · COMPOSANTS



CODICE · CODE	L	S	A	B	C	D	E	F	G	H	I	NOTE · NOTES
AG100	3,5	3	11	11	25	25	26	33,5	19	33,5	86	
AG100-C	3,5	3	8	8	25	25	26	33,5	19	33,5	86	
AG100-17116	4,5	4,2	13	13	33	33	30	40	18,3	40	98,3	



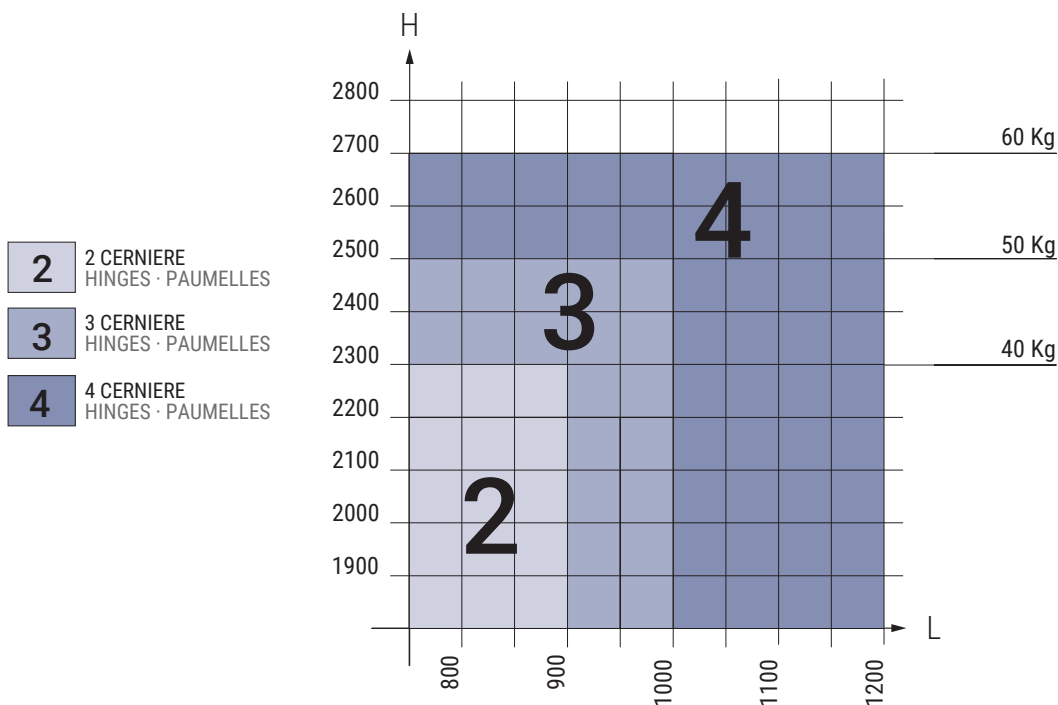
AP CERNIERE PER PORTE INTERNE IN ALLUMINIO STONDATE

HINGES FOR ROUNDED EDGE
INTERNAL ALUMINIUM DOORS

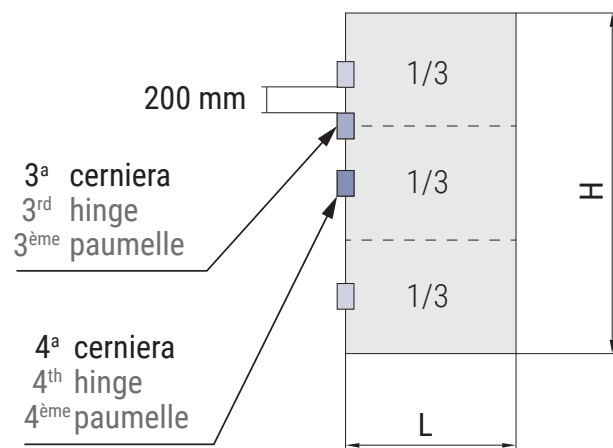
PAUMELLES POUR PORTES
D'INTÉRIEUR À PROFIL ARRONDI
EN ALUMINIUM

 DIMENSIONI ANTA
DOOR SIZE · DIMENSIONS DE LA PORTE

 MASSA ANTA
DOOR WEIGHT · POIDS DE LA PORTE



- 2** 2 CERNIERE
HINGES · PAUMELLES
- 3** 3 CERNIERE
HINGES · PAUMELLES
- 4** 4 CERNIERE
HINGES · PAUMELLES

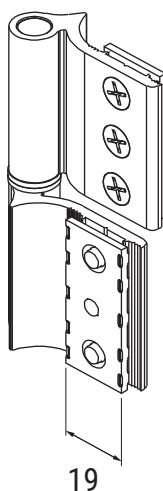
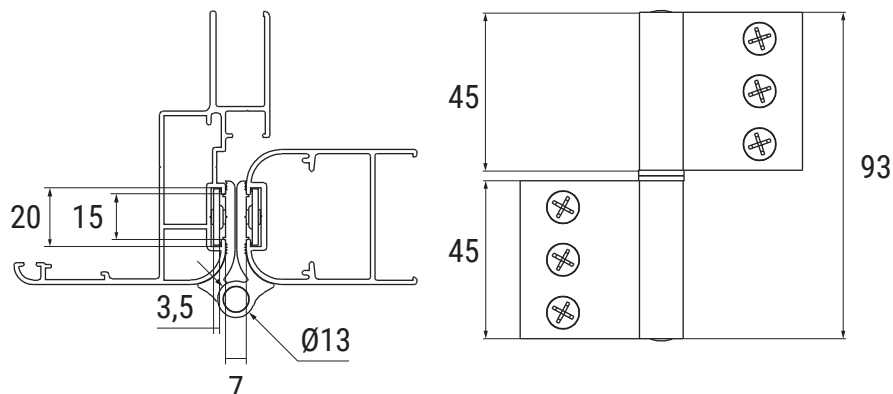
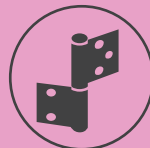


REQUISITI DI APPLICAZIONE · APPLICATION REQUIREMENTS · CONDITIONS D'APPLICATION

<ul style="list-style-type: none"> ✓ H / L >= 2 ✓ Costruzione e fissaggio della cerniera eseguiti a regola d'arte 	<ul style="list-style-type: none"> ✓ H / L >= 2 ✓ Construction and hinge fixing performed in a workmanlike manner 	<ul style="list-style-type: none"> ✓ H / L >= 2 ✓ Construction et fixation des paumelles effectuées de manière professionnelle
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USO DI CHIUDIORTA · WITH DOOR CLOSER · AVEC FERME-PORTE

<p>Quando viene impiegato un chiudiporta bisogna considerare la massa dell'anta: +20% se il chiudiporta è senza freno +75% se il chiudiporta è con freno</p>	<p>When a door closer is used, the door mass varies as follows: + 20% if the door closer is without brake + 75% if the door closer is with brake</p>	<p>Lorsqu'un ferme-porte est utilisé, la masse de la porte doit être prise en compte: + 20% si le ferme-porte est sans frein + 75% si le ferme-porte est avec frein</p>
--	--	---



50 pz

Cerniera per porte interne
alluminio stondate

Hinge for rounded edge internal
aluminium doors

Paumelle pour portes d'intérieur
à profil arrondi en aluminium



PORTATA
LOAD CAPACITY · CAPACITÉ

2 pezzi · pieces · pièces 40 Kg

PAG. 81



FINITURA
FINISHING · FINITION



Alluminio Grezzo
Aluminium Raw · Brut



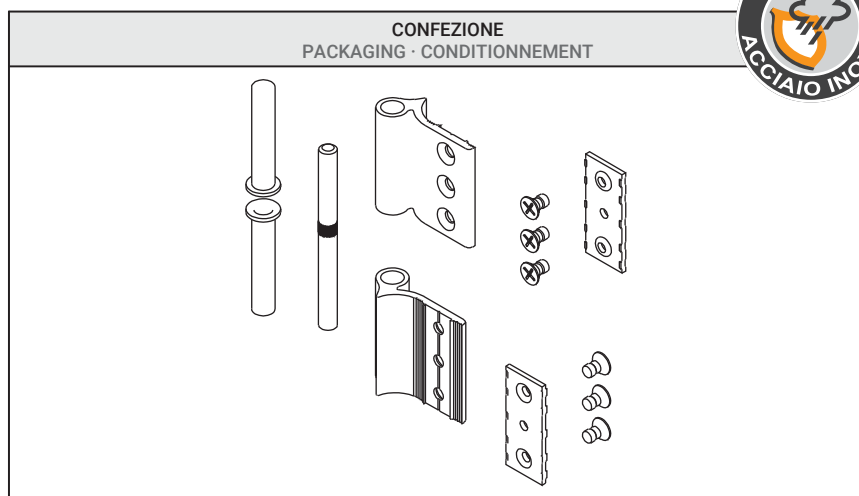
Ox Arg Argento ossidato
Anodized silver
Anodisé argent



RAL Verniciatura a polvere
Powder coated
Revêtement en poudre

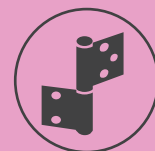


Su richiesta
On request
Sur demande



CODICE · CODE	SERIE
AP045	HYDRO B.S.I. - Domal Indoor Stondata
	PROFILATI - Eku Door

Lined area for writing notes, consisting of 20 horizontal lines.



CV CERNIERE PER PORTE INTERNE IN VETRO

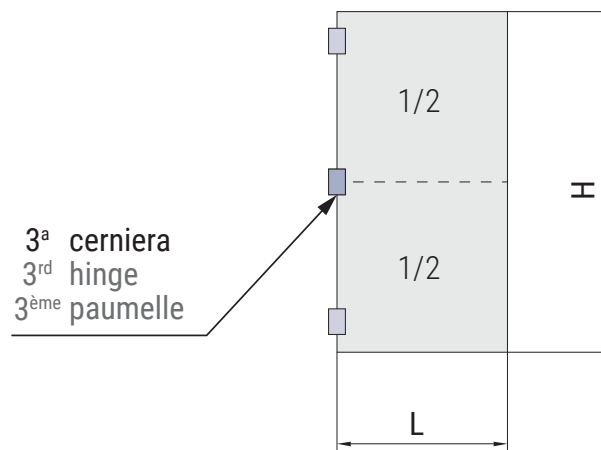
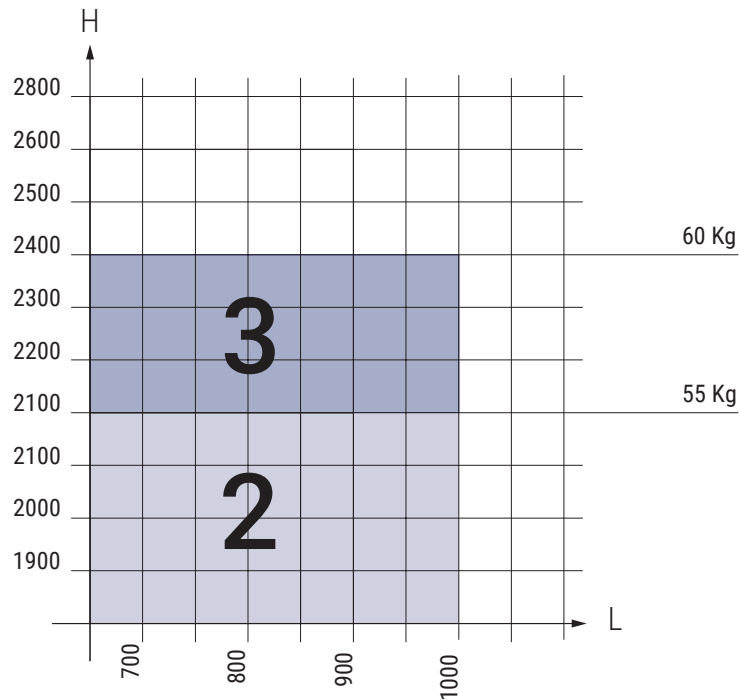
HINGES FOR INTERNAL
GLASS DOORS

PAUMELLES POUR
PORTES D'INTÉRIEUR
EN VERRE

 DIMENSIONI ANTA
DOOR SIZE · DIMENSIONS DE LA PORTE

 MASSA ANTA
DOOR WEIGHT · POIDS DE LA PORTE

- 2** 2 CERNIERE
HINGES · PAUMELLES
- 3** 3 CERNIERE
HINGES · PAUMELLES

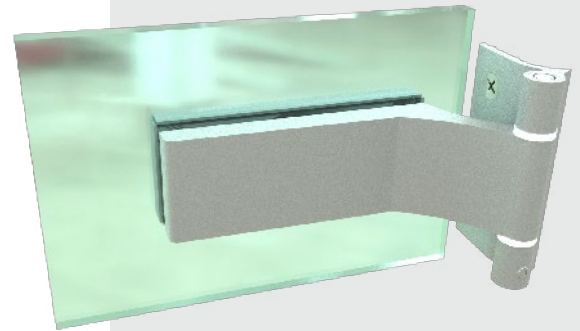
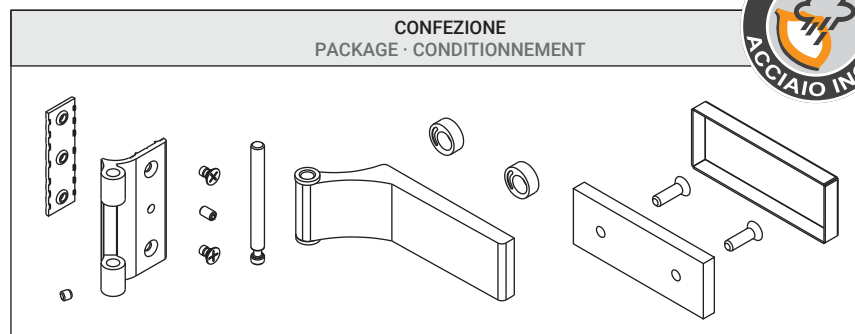
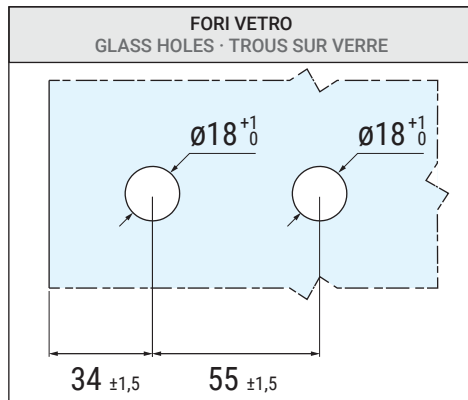
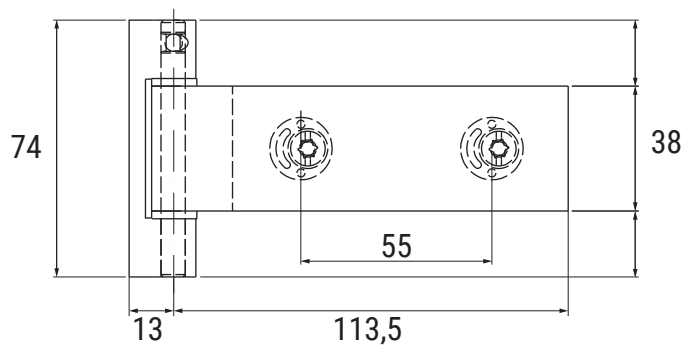
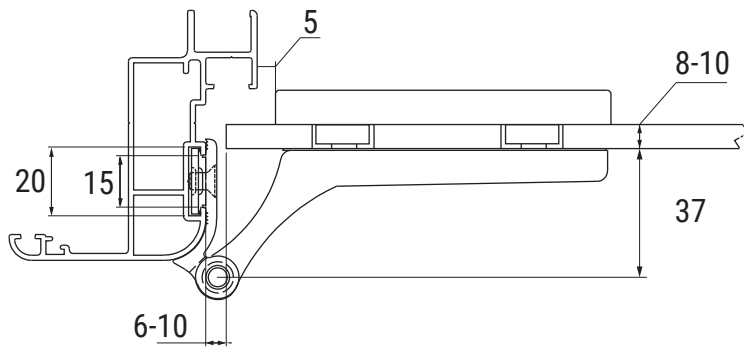


REQUISITI DI APPLICAZIONE · APPLICATION REQUIREMENTS · CONDITIONS D'APPLICATION

<ul style="list-style-type: none"> ✓ H / L >= 2 ✓ Costruzione e fissaggio della cerniera eseguiti a regola d'arte 	<ul style="list-style-type: none"> ✓ H / L >= 2 ✓ Construction and hinge fixing performed in a workmanlike manner 	<ul style="list-style-type: none"> ✓ H / L >= 2 ✓ Construction et fixation des paumelles effectuées de manière professionnelle
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USO DI CHIUDIORTA · WITH DOOR CLOSER · AVEC FERME-PORTE

<p>Quando viene impiegato un chiudiporta bisogna considerare la massa dell'anta: +20% se il chiudiporta è senza freno +75% se il chiudiporta è con freno</p>	<p>When a door closer is used, the door mass varies as follows: + 20% if the door closer is without brake + 75% if the door closer is with brake</p>	<p>Lorsqu'un ferme-porte est utilisé, la masse de la porte doit être prise en compte: + 20% si le ferme-porte est sans frein + 75% si le ferme-porte est avec frein</p>
--	--	---



2 pz

Cerniera per porte interne
in vetro/alluminio

Hinge for internal
glass / aluminium door

Paumelle pour portes d'intérieur
en verre / aluminium



PORTATA
LOAD CAPACITY · CAPACITÉ

2 pezzi · pieces · pièces **55 Kg**

PAG. 85



FINITURA
FINISHING · FINITION



Ox Arg Argento ossidato
Anodized silver
Anodisé argent

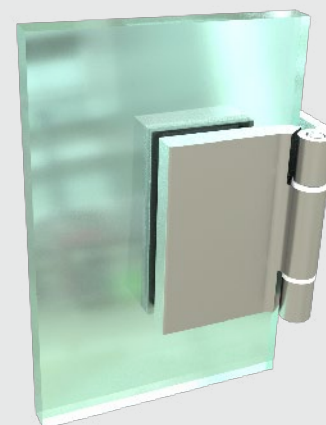
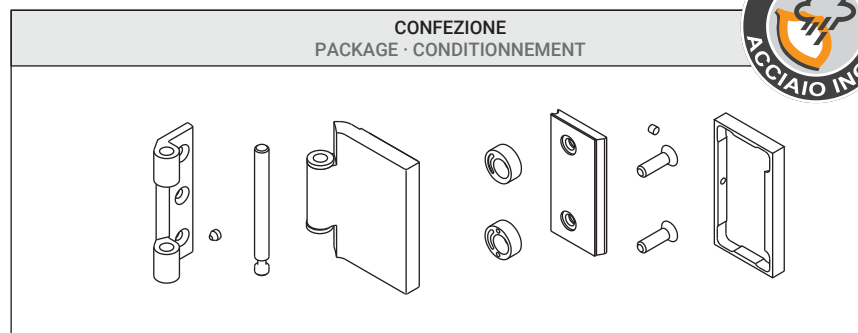
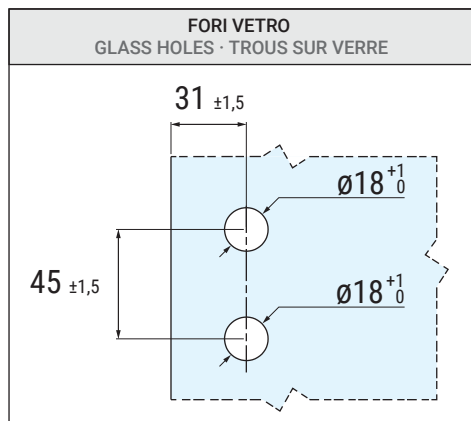
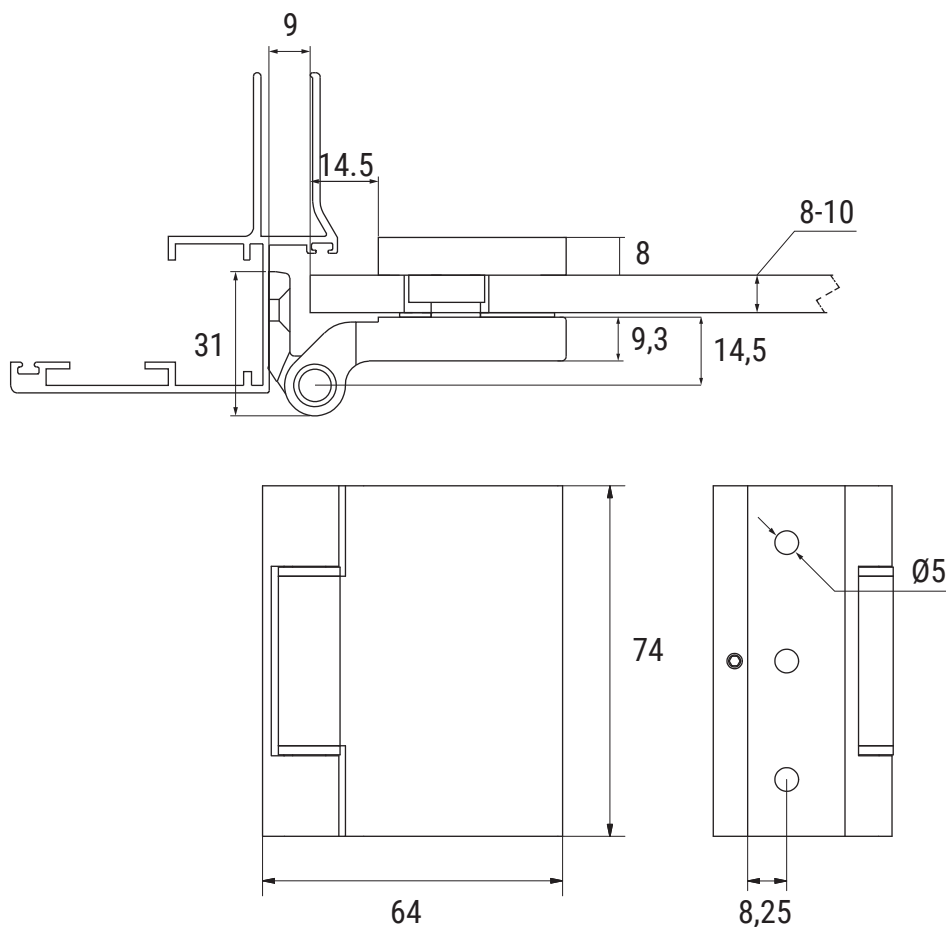
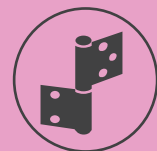


Ox ELT Elettrocolore nero
Anodized black
Anodisé noir



Su richiesta
On request
Sur demande

CODICE · CODE	SERIE
CV0534	HYDRO B.S.I. - Domal Indoor Stondata
	PROFILATI - Eku Door



2 pz

Cerniera per porte interne
in vetro / alluminio

Hinge for internal
glass / aluminium door

Paumelle pour portes
d'intérieur en verre / aluminium



PORTATA
LOAD CAPACITY · CAPACITÉ

2 pezzi · pieces · pièces 55 Kg

PAG. 85



FINITURA
FINISHING · FINITION



Ox Arg Argento ossidato
Anodized silver
Anodisé argent



Ox ELT Elettrocolore nero
Anodized black
Anodisé noir

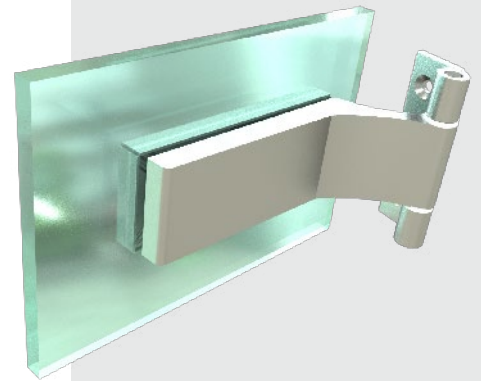
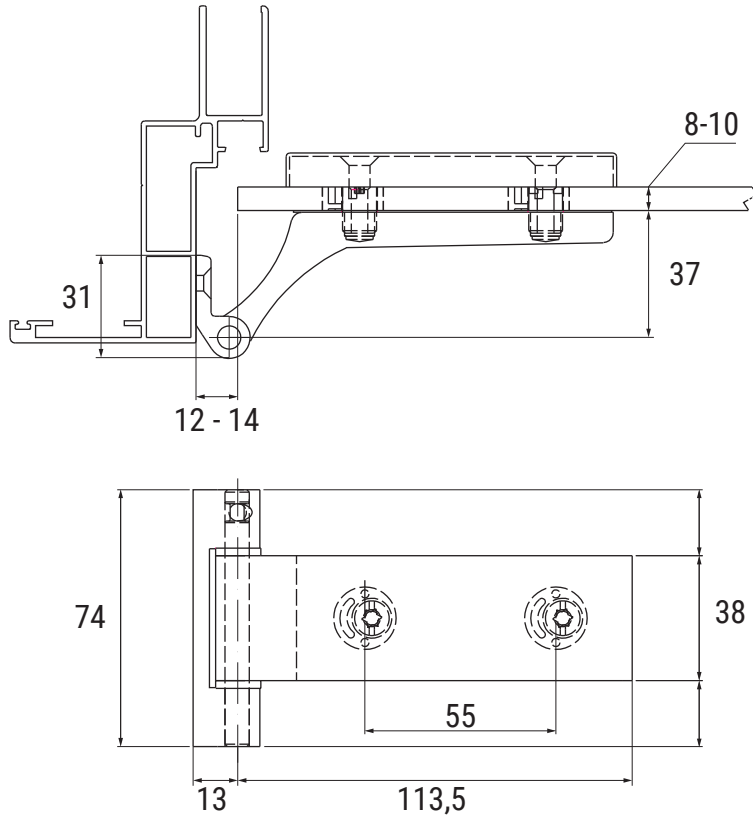


Su richiesta
On request
Sur demande

CODICE · CODE

CV0602

NOTE · NOTES



2 pz

Cerniera per porte interne
in vetro/alluminio

Hinge for internal
glass / aluminium door

Paumelle pour portes d'intérieur
en verre / aluminium



PORTATA
LOAD CAPACITY · CAPACITÉ

2 pezzi · pieces · pièces **55 Kg**

PAG. 85



FINITURA
FINISHING · FINITION



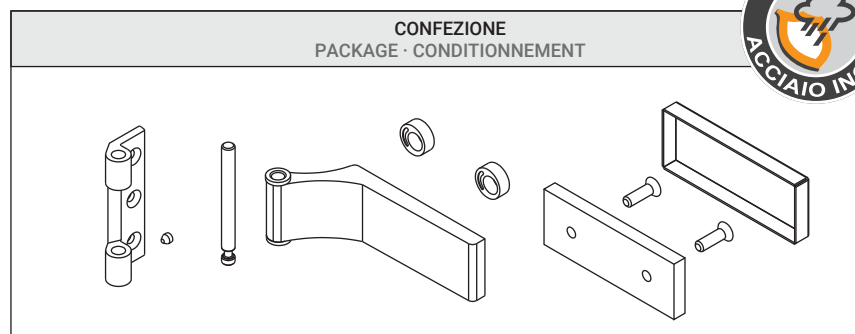
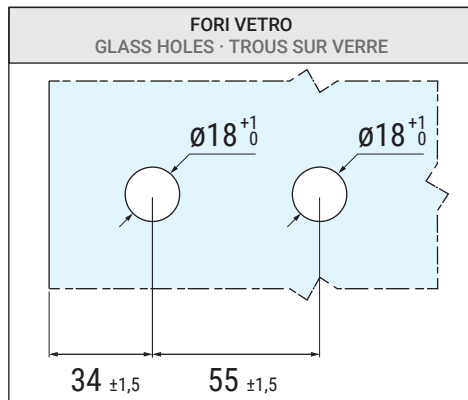
Ox Arg Argento ossidato
Anodized silver
Anodisé argent



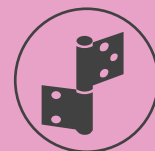
Ox ELT Elettrocolore nero
Anodized black
Anodisé noir



Su richiesta
On request
Sur demande



CODICE · CODE	NOTE · NOTES
CV0106	



WLH CERNIERE PIVOT PER PORTE INTERNE

PIVOT HINGES
FOR INTERNAL DOORS

PAUMELLES PIVOT
POUR PORTES D'INTÉRIEUR



WLH

Eleganza e design

WLH è la cerniera pivot realizzabile su misura per le porte interne in alluminio: è apribile a 180°, regolabile in altezza di +2 mm e dotata di piedino alla base, completa con eleganza il design delle porte a filo.



en

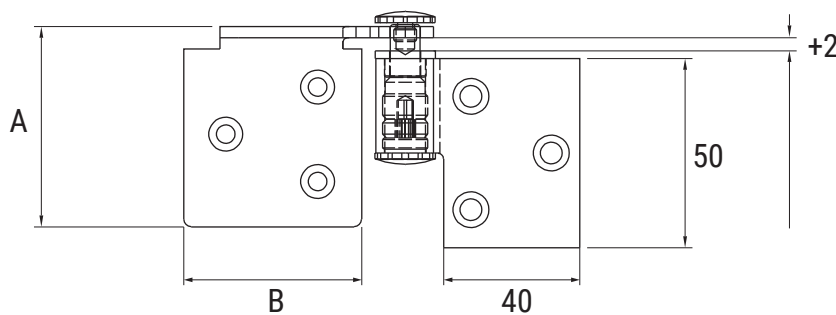
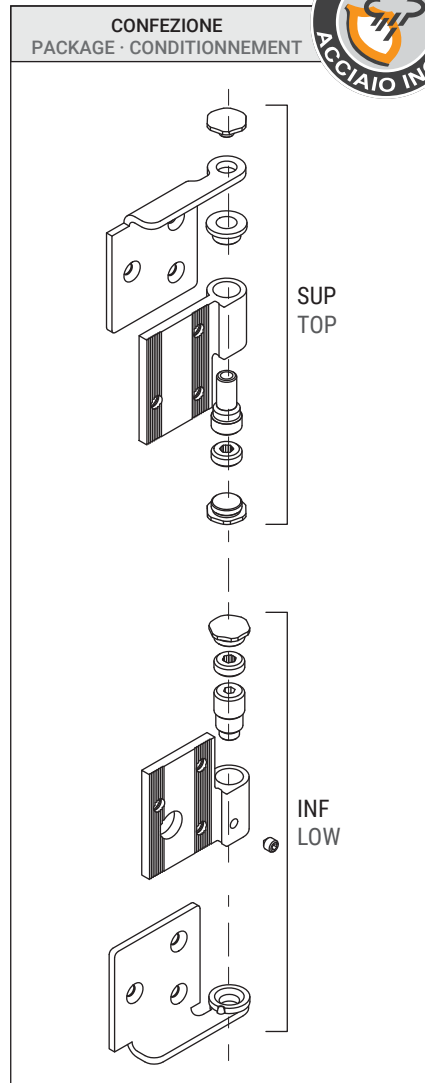
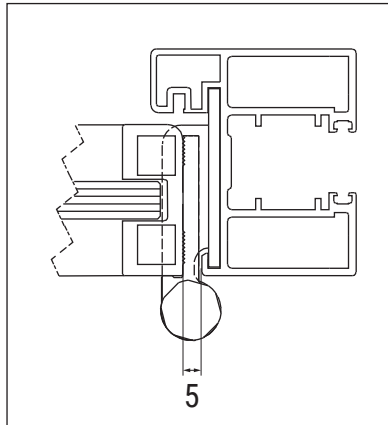
WLH: ELEGANCE AND DESIGN


WLH is a pivot hinge that can be made to measure for internal aluminium doors: it can be opened 180°, is height-adjustable (+2 mm) and has a foot at the base, elegantly completing the design of flush doors.

fr

WLH: ÉLÉGANCE ET DESIGN

WLH est la charnière pivotante réalisable sur mesure pour les portes d'intérieur en aluminium : elle peut être ouverte à 180°, est réglable en hauteur (+2 mm) et dispose d'un pied à la base, complétant ainsi élégamment le design des portes affleurantes.



CODICE	A	B	NOTE · NOTES
WLH			Su misura Made to measure Sur mesure 



2 pz

Cerniere pivot per porte interne
Pivot hinges for internal doors
Paumelles pivot pour portes d'intérieur



PORTATA
LOAD CAPACITY · CAPACITÉ

2 pezzi · pieces · pièces 60 Kg



FINITURA
FINISHING · FINITION



Ox Arg Argento ossidato
Anodized silver
Anodisé argent



RAL Verniciatura a polvere
Powder coated
Revêtement en poudre



Su richiesta
On request
Sur demande

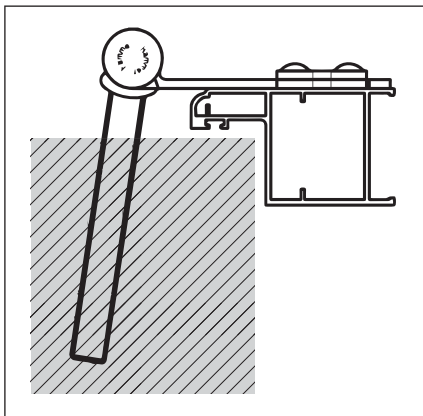
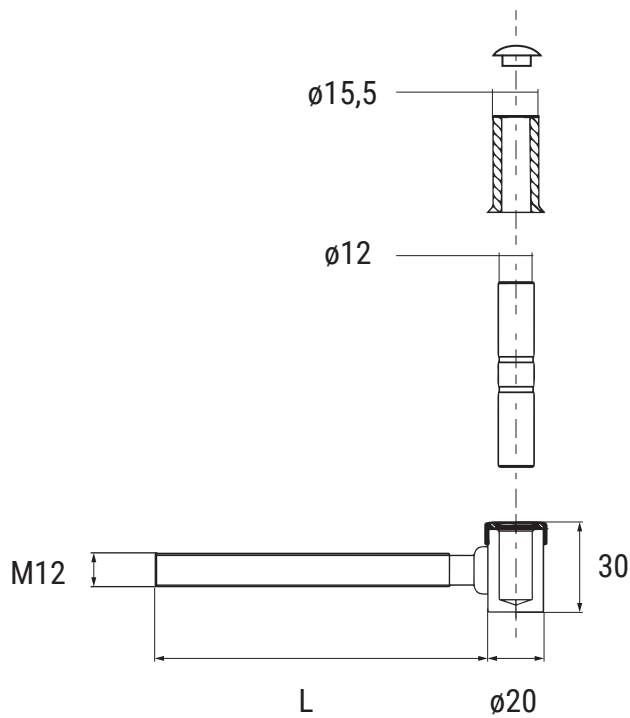


Contattaci per maggiori informazioni
Contact us for more information
Contactez-nous pour plus d'informations



CARDINI

PIVOTS • GONDS



Cardine per chimico in acciaio con perno sfilabile
 Pivot for chemical anchor bolt with pull-out pin
 Gond pour scellement chimique en acier avec axe amovible



FINITURA FINISHING · FINITION

Verniciatura a polvere
 Powder coated
 Revêtement en poudre



RAL
9005

Nero opaco
 Black · Noir



ZB

Zincato bianco
 White galvanized
 Zingué blanc



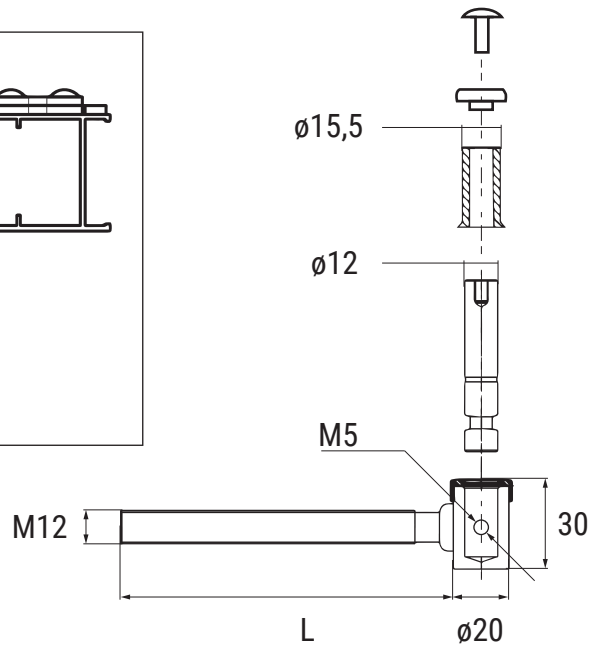
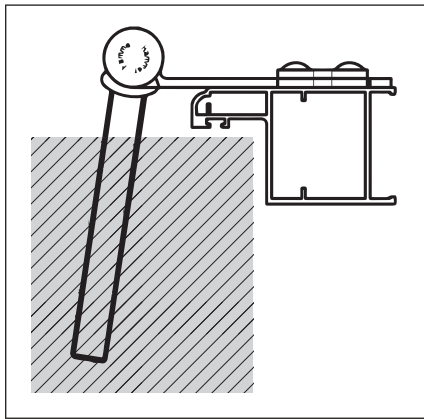
Altri RAL
 Other RAL
 Autre RAL

Su richiesta con:
 On request with:
 Sur demande avec:



Servizio colore
 Colour service
 Service couleur

CODICE	L		NOTE · NOTES
2104.90	90	50 pz	
2104.120	120	50 pz	
2104.160	160	50 pz	
2104.200	200	50 pz	



Cardine per chimico con perno antisfilamento

Kit Take-Down incluso

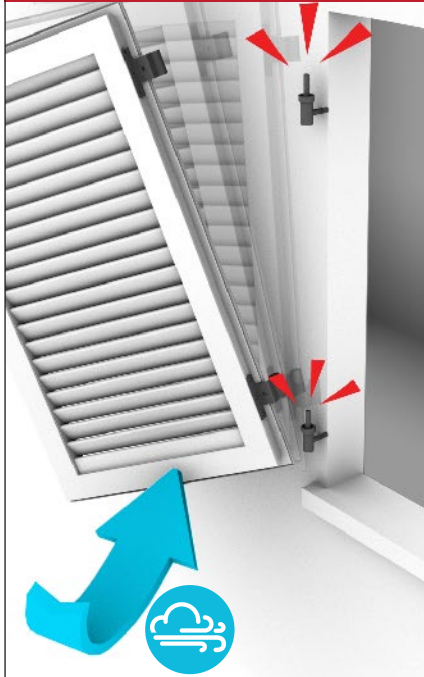
Pivot for chemical anchor bolt with anti pull-out pin

Take-Down Kit included

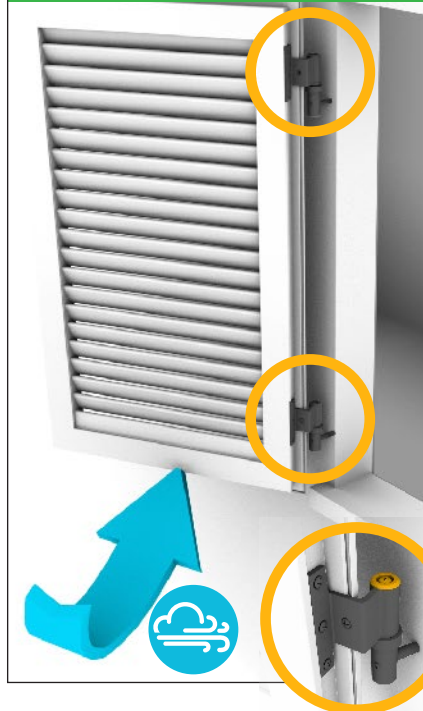
Gond pour scellement chimique avec axe non amovible

Kit Take-Down inclus

Senza · Without · Sans
0108
Kit Take-Down



T.D. Con · With · Avec
0108
Kit Take-Down **Pag. 180**



WWW.HAMMER.BIZ

Scheda tecnica online
Technical data sheet online
Fiche technique en ligne

FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre

RAL 9005 Nero opaco
Black · Noir

ZB Zincato bianco
White galvanized
Zingué blanc

Altri RAL
Other RAL
Autre RAL

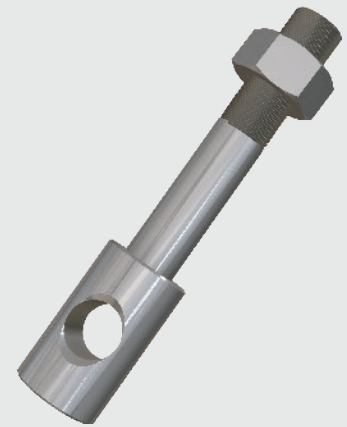
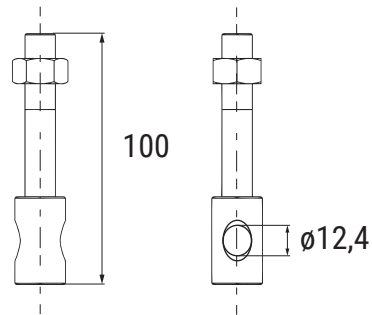
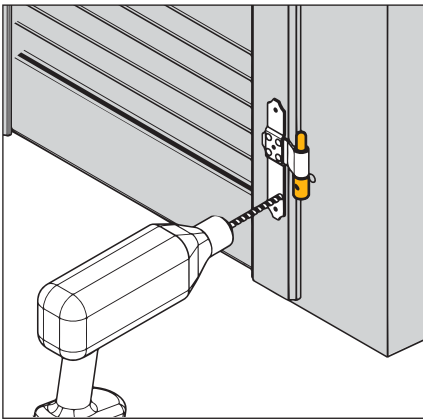
Su richiesta con:
On request with:
Sur demande avec:




Servizio colore
Colour service
Service couleur

CODICE	L		NOTE · NOTES
2105.120	120	50 pz	0108 Kit Take-Down Compreso · Included · Inclus
2105.160	160	50 pz	
2105.200	200	50 pz	

2104 DIMA



Dima di foratura per cardine
Hole template for pivot
Gabarit de pose pour gond

CODICE		NOTE · NOTES
2104DIMA	1 pz	Per · For · Pour: 2104 - 2105



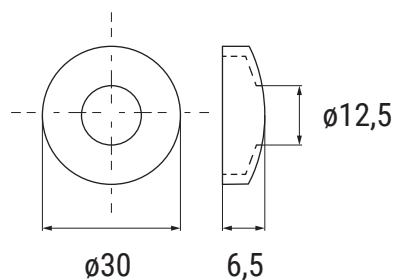
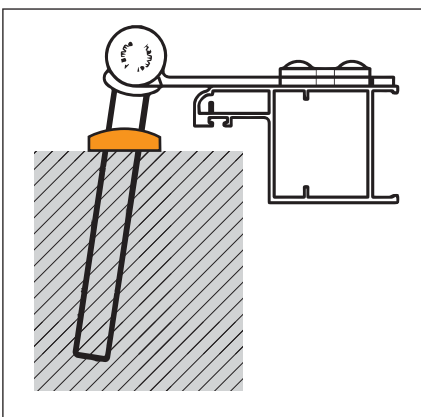
FINITURA
FINISHING · FINITION




ZB

Zincato bianco
White galvanized
Zingué blanc

180.2104R



Rosetta copri foro
Washer for covering hole
Rondelle cache-trou

CODICE		NOTE · NOTES
180.2104R	50 pz	Per · For · Pour: 2104 - 2105



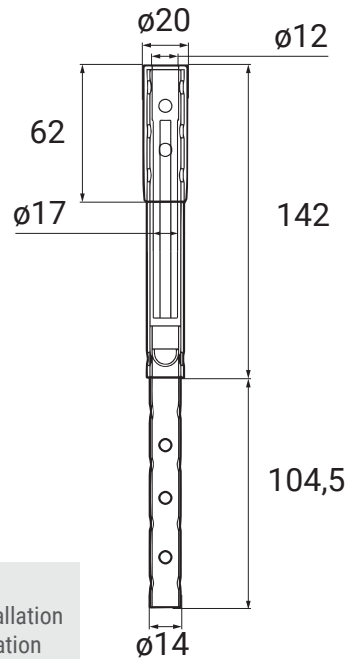
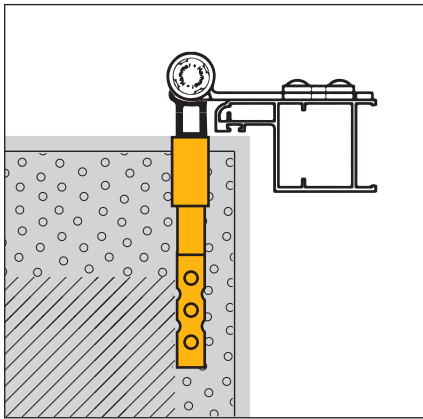
FINITURA
FINISHING · FINITION



RAL
9005

Nero
Black · Noir

93104



Tassello \varnothing interno 12 mm / \varnothing esterno 20 mm per fissaggio cardine su cappotto

External wall plug for shutter hinge with pin \varnothing 12 mm inside, \varnothing 20 mm outside

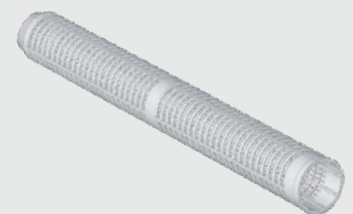
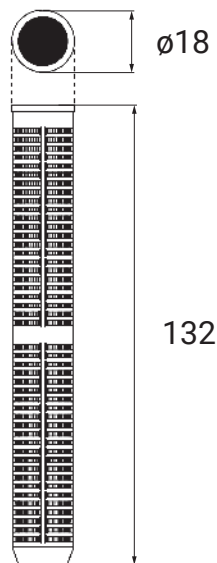
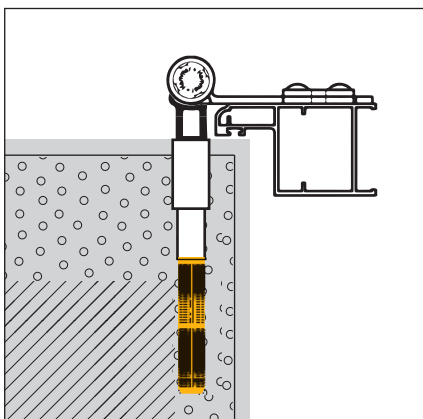
Cheville \varnothing intérieur 12 mm / \varnothing extérieur 20 mm pour fixation pivot sur capot d'isolation



Consultare la scheda tecnica per la posa
Refer to the technical data sheet for installation
Consulter la fiche technique pour l'installation

CODICE		NOTE · NOTES
93104	50 pz	Su richiesta · On request · Sur demande

93094



Bussola retinata per cemento chimico

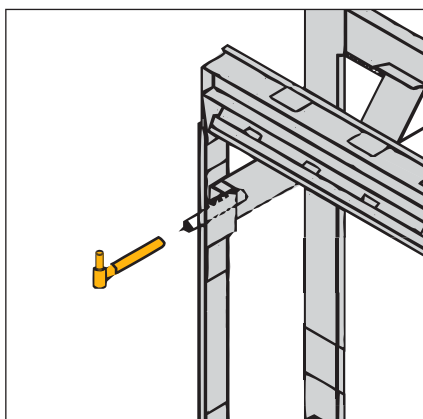
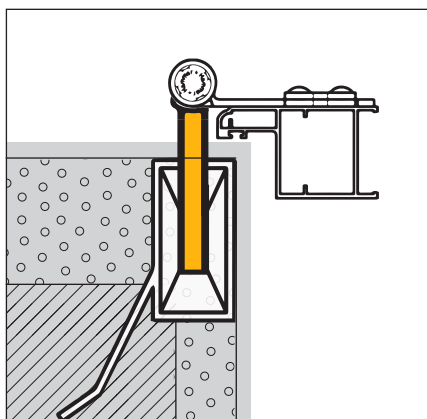
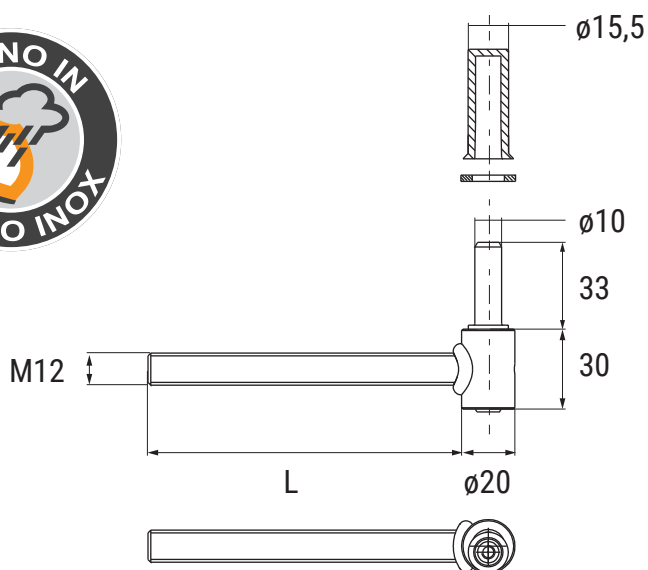
Injection anchor sleeve

Cheville-tamis pour scellement chimique



Consultare la scheda tecnica per la posa
Refer to the technical data sheet for installation
Consulter la fiche technique pour l'installation

CODICE		NOTE · NOTES
93094	200 pz	Su richiesta · On request · Sur demande



Cardine M12 con perno in acciaio inox eccentrico per controtelaio

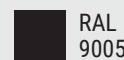
Pivot M12 with decentrated stainless steel pin for counter frames

Gond M12 avec axe excentrique en acier inox pour contre-chassis



FINITURA FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir



ZB

Zincato bianco
White galvanized
Zingué blanc



Altri RAL
Other RAL
Autre RAL

Su richiesta con:
On request with:
Sur demande avec:

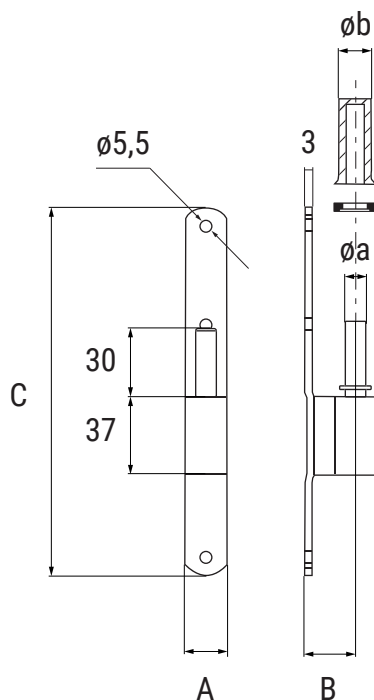
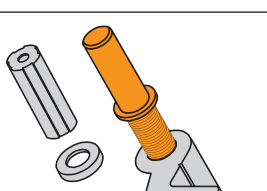
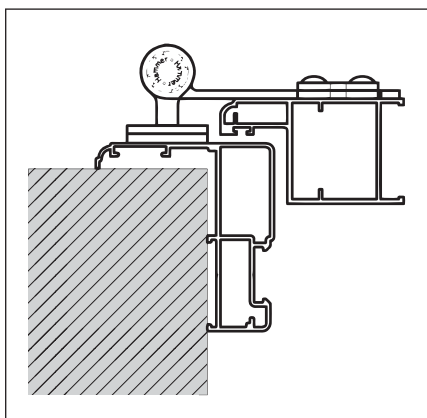


Servizio colore
Colour service
Service couleur

T.D.



CODICE	L		NOTE · NOTES
2107.90	90	50 pz	Per controtelai · For counter frames · Pour contre-chassis
2107.120	120	50 pz	Su richiesta · On request · Sur demande



$\phi a = 10 \text{ mm}$
 $\phi b = 15,5 \text{ mm}$



Cardini a piastra con rondella e boccola in nylon

Plate mounted pivots with washer and nylon bush

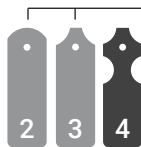
Gonds sur plaque avec rondelle et douille en nylon



Su richiesta
On request
Sur demande



CODICE	A	B	C		NOTE · NOTES
2120	20	24	180	20 pz	
* 2120RV	20	24	180	20 pz	Registabile · Adjustable · Réglable
* 2123	20	23	180	20 pz	
* 2123RV	20	23	180	20 pz	Registabile · Adjustable · Réglable



Su richiesta
On request
Sur demande



CODICE	A	B	C		NOTE · NOTES
2124	30	24	190	20 pz	
* 2124RV	30	24	190	20 pz	Registabile · Adjustable · Réglable
2127	30	27	190	20 pz	
* 2127RV	30	27	190	20 pz	Registabile · Adjustable · Réglable
* 2140RV SX	30	40	190	20 pz	Registabile · Adjustable · Réglable
* 2140RV DX	30	40	190	20 pz	Registabile · Adjustable · Réglable

* Su richiesta · On request · Sur demande



FINITURA FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir



Alluminio
Aluminium

Grezzo
Raw · Brut

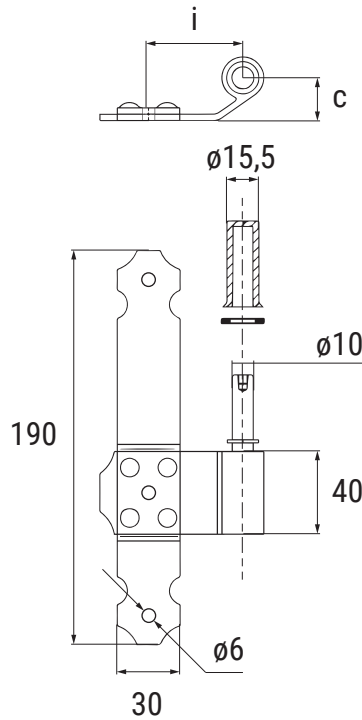
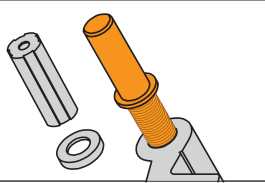
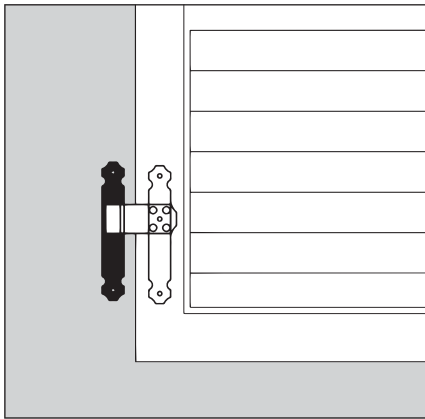


Altri RAL
Other RAL
Autre RAL

Su richiesta con:
On request with:
Sur demande avec:

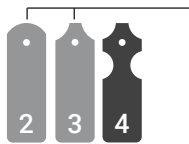


Servizio colore
Colour service
Service couleur

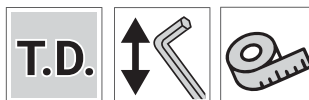


(SX)

Cardini a piastra
Plate mounted pivots
Gonds sur plaque



Su richiesta
On request
Sur demande



CODICE	i	c		NOTE · NOTES
* 2125DX	25	20	20 pz	DX = Destro · Right · Droite
* 2125SX	25	20	20 pz	SX = Sinistro · Left · Gauche
* 2133DX	33,5	20	20 pz	DX = Destro · Right · Droite
* 2133SX	33,5	20	20 pz	SX = Sinistro · Left · Gauche
* 2145DX	45	20	20 pz	DX = Destro · Right · Droite
* 2145SX	45	20	20 pz	SX = Sinistro · Left · Gauche
				Su misura Made to measure Sur mesure

* Su richiesta · On request · Sur demande



FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL 9005 Nero opaco
Black · Noir



Alluminio Grezzo
Aluminium Raw · Brut



Altri RAL Su richiesta con:
Other RAL On request with:
Autre RAL Sur demande avec:



Servizio colore
Colour service
Service couleur



2126 Cardine da interno: posa in sicurezza

Il Cardine da interno (Brevetto Hammer) permette di posare le persiane in sicurezza dall'interno dell'abitazione senza ricorrere a cestelli o a ponteggi esterni. Con le regolazioni in orizzontale e verticale la posa diventa davvero semplice!



en

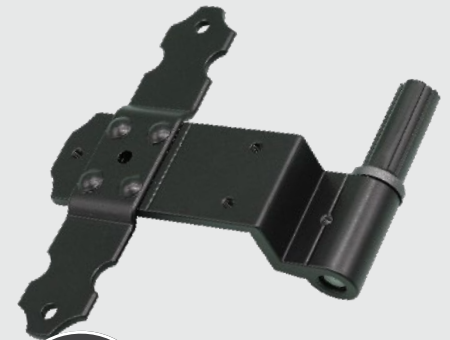
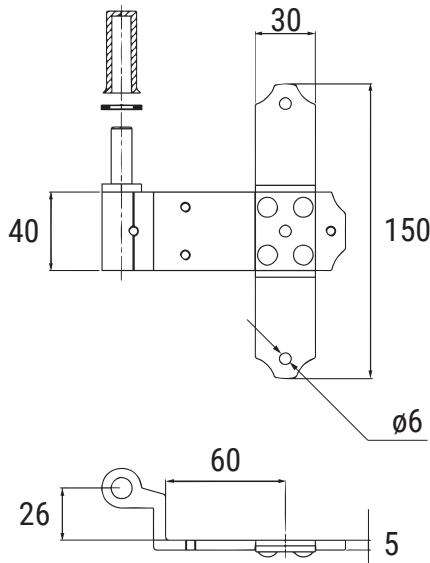
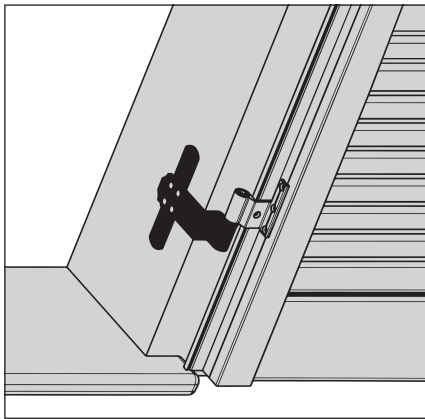
THE INTERNAL PIVOT: SAFE INSTALLING

The Internal pivot (Hammer Patent) allows you to lay the shutters safely inside the home without resorting to boom lifts or external scaffolding. With horizontal and vertical adjustments, installing shutters becomes really easy!

fr

GOND D'INTÉRIEURE: POSE EN SÉCURITÉ

Le Gond d'intérieure (brevet Hammer) vous permet de poser les volets en toute sécurité à l'intérieur de la maison sans avoir recours à des nacelles élévatrices ou à des échafaudages. Avec les ajustements horizontaux et verticaux, la pose c'est plus facile!



Cardine da interno con perno inox registrabile in altezza

Internal pivot with height adjustable stainless steel pin

Gond d'intérieur avec axe en acier inox à réglage vertical



Consultare la scheda tecnica per la posa
Refer to the technical data sheet for installation
Consulter la fiche technique pour l'installation



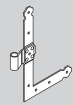
Per:
For:
Pour:



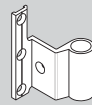
2040
Pag. 108



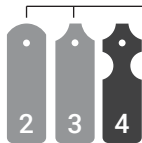
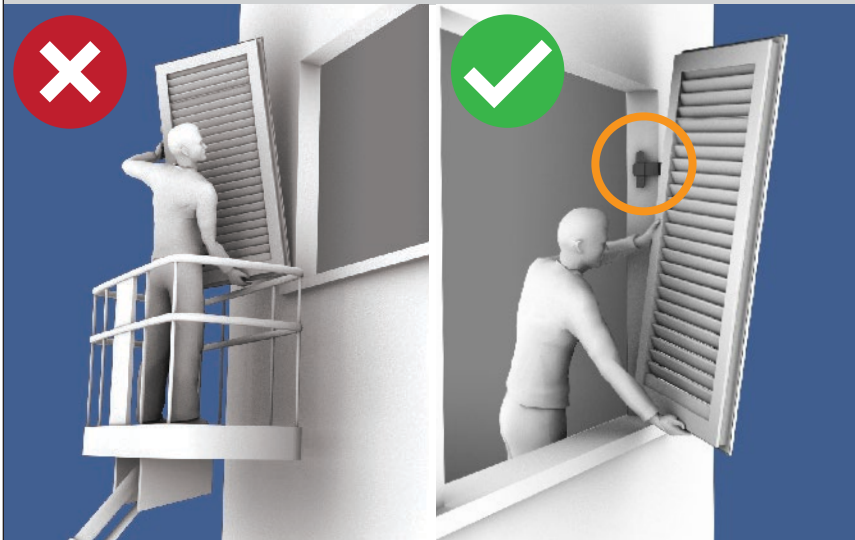
7020 DX/SX
Pag. 121



L7020 DX/SX
Pag. 122



2079 DX/SX
Pag. 130



Su richiesta
On request
Sur demande

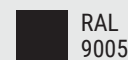


CODICE			NOTE · NOTES
2126		20 pz	Perno inox · Stainless steel pin · Gond en acier inox



FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir



Alluminio
Aluminium

Grezzo
Raw · Brut

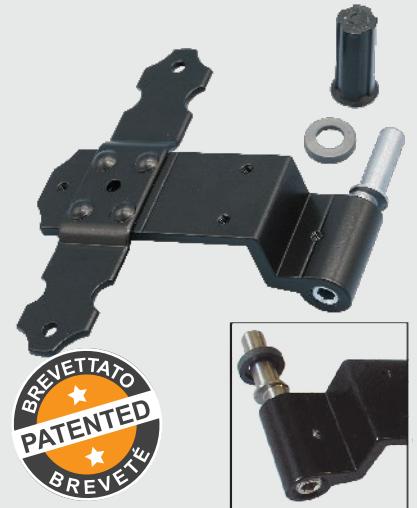
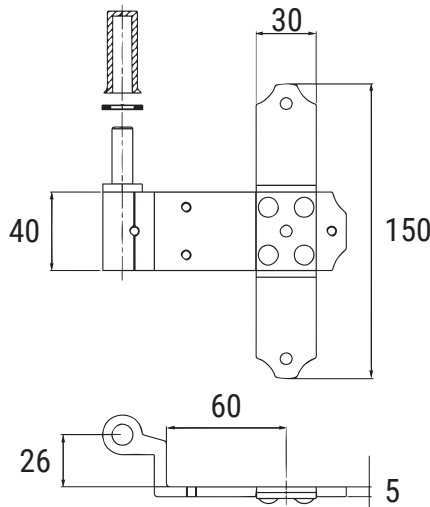
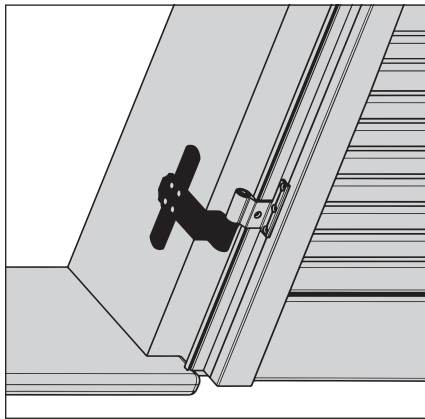


Altri RAL
Other RAL
Autre RAL

Su richiesta con:
On request with:
Sur demande avec:



Servizio colore
Colour service
Service couleur



Cardine da interno con perno inox registrabile in verticale e in orizzontale

Internal pivot with vertically and horizontally adjustable stainless steel pin

Gond d'intérieur avec axe en acier inox à réglage vertical et horizontal



Consultare la scheda tecnica per la posa
Refer to the technical data sheet for installation
Consulter la fiche technique pour l'installation



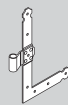
Per:
For:
Pour:



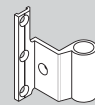
2040
Pag. 108



7020 DX/SX
Pag. 121



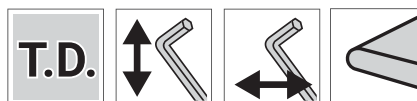
L7020 DX/SX
Pag. 122



2079 DX/SX
Pag. 130



Su richiesta
On request
Sur demande



CODICE			NOTE · NOTES
2126ECC		20 pz	Perno inox · Stainless steel pin · Gond en acier inox



FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir



Alluminio
Aluminium

Grezzo
Raw · Brut



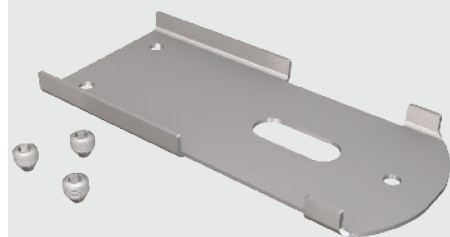
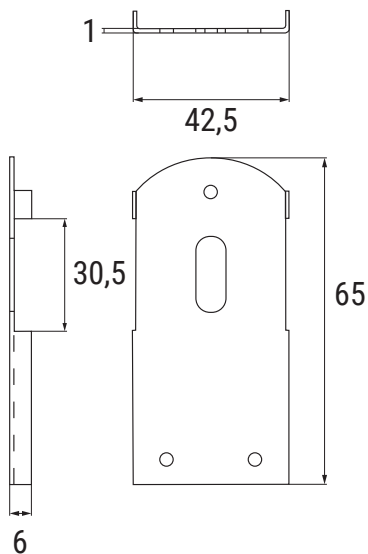
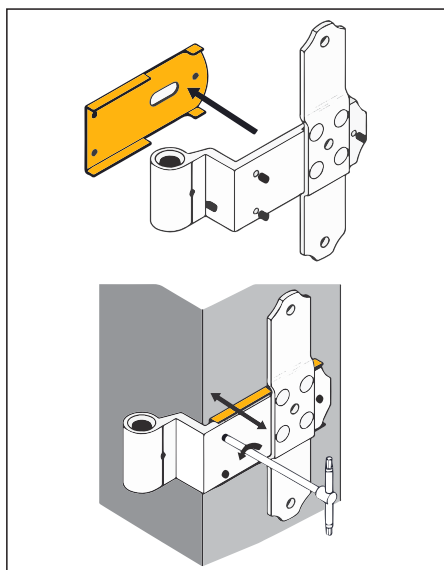
Altri RAL
Other RAL
Autre RAL

Su richiesta con:
On request with:
Sur demande avec:



Servizio colore
Colour service
Service couleur

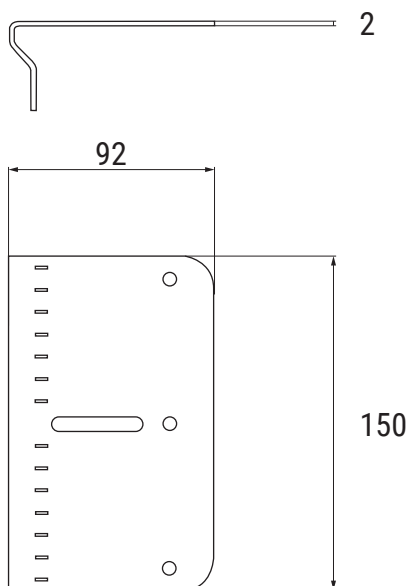
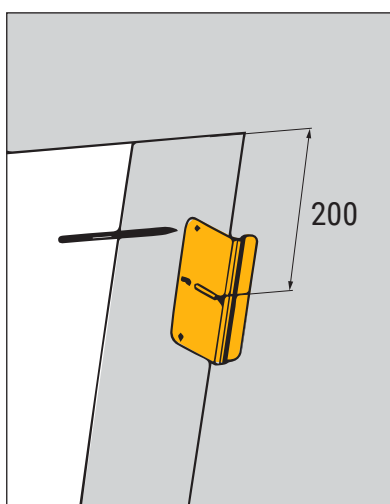
0109



Placca di registrazione in acciaio per cardine 2126 e 2126ECC
 Z Adjusting plate in stainless steel with grub screws for pivot 2126 and 2126ECC
 Plaque de régler en acier inox pour gond réf. 2126 et 2126ECC

CODICE		NOTE · NOTES
0109	20 pz	

2126.DIMA



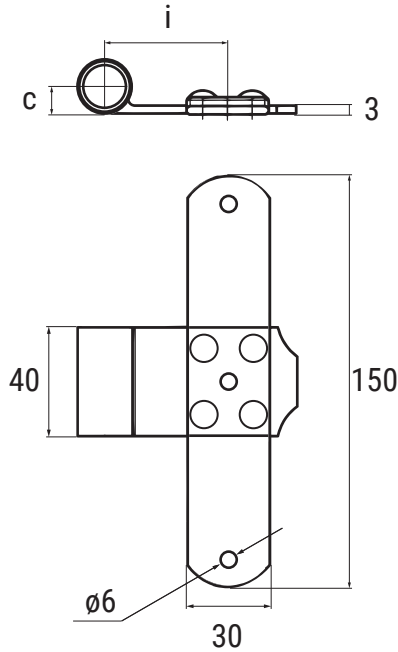
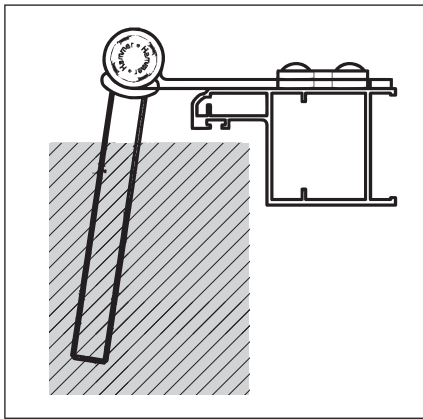
Dima in acciaio inox per fissaggio cardine 2126
 Template in stainless steel for pivot 2126
 Gabarit en acier inox pour gond réf. 2126

CODICE		NOTE · NOTES
2126 DIMA	1 pz	Per • For • Pour: 2126 - 2126ECC

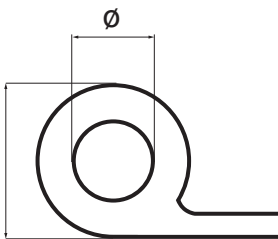


SQUADRI E BANDELLE

HINGES • ÉQUERRES DE VOLET ET TÉ



20

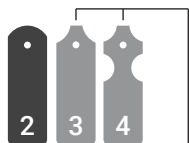


$\varnothing = 9-10-11-12-14 \text{ mm}$

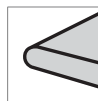
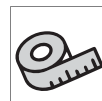


Con boccole di adattamento Hammer
With adaptation bushings Hammer
Avec manchons Hammer

pag. 170



Su richiesta
On request
Sur demande



CODICE		i	c		NOTE · NOTES
2041		63,5	10	20 pz	
2042		45	10	20 pz	
2043		45	20	20 pz	
2044		61,5	23	20 pz	
2046		45	40	20 pz	
2064		64	23	20 pz	
2077		64	13,3	10 pz	
					Su misura Made to measure Sur mesure



Bandella a T in alluminio
T-shaped hinge in aluminium
Té en aluminium



FINITURA FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL 9005 Nero opaco
Black · Noir



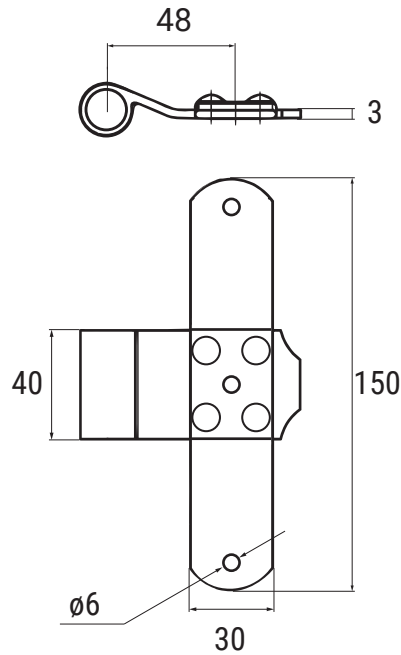
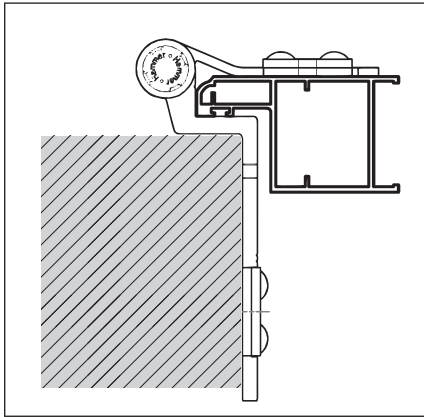
Alluminio
Aluminium Grezzo
Raw · Brut



Altri RAL
Other RAL
Autre RAL Su richiesta con:
On request with:
Sur demande avec:



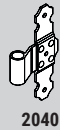
Servizio colore
Colour service
Service couleur



Bandella a T in alluminio
T-shaped hinge in aluminium
Té en aluminium

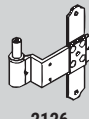


Per cardine da interno
For internal pivot
Pour gond d'intérieur

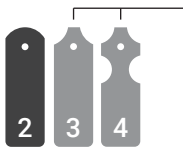


2040

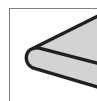
+



2126
Pag. 103



Su richiesta
On request
Sur demande



CODICE			NOTE · NOTES
2040		20 pz	



FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir



Alluminio
Aluminium

Grezzo
Raw · Brut

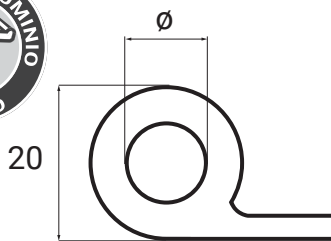
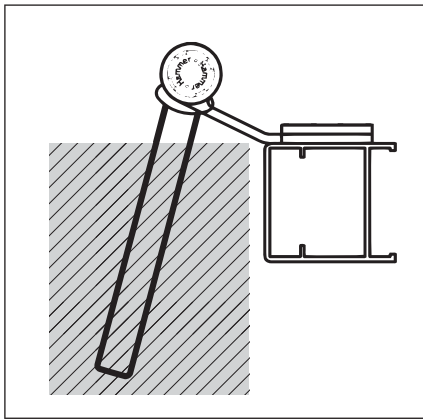


Altri RAL
Other RAL
Autre RAL

Su richiesta con:
On request with:
Sur demande avec:



Servizio colore
Colour service
Service couleur

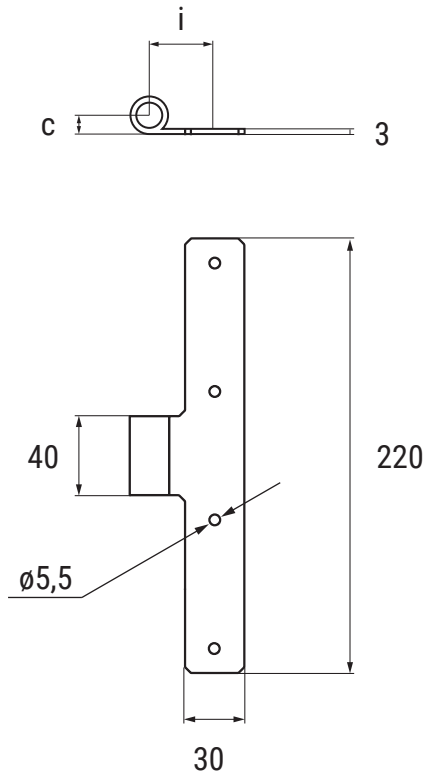


$\varnothing = 9-10-11-12-14 \text{ mm}$



Con boccole di adattamento Hammer
With adaptation bushings Hammer
Avec manchons Hammer

pag. 170



Bandella mezzo squadro
Middle shutter hinge
Té en aluminium



FINITURA FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL 9005 Nero opaco
Black · Noir



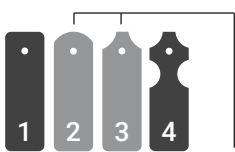
Alluminio
Aluminium Grezzo
Raw · Brut



Altri RAL
Other RAL
Autre RAL Su richiesta con:
On request with:
Sur demande avec:

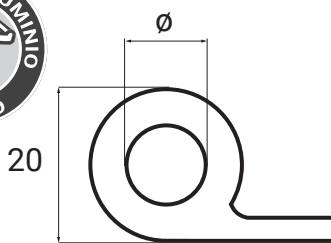
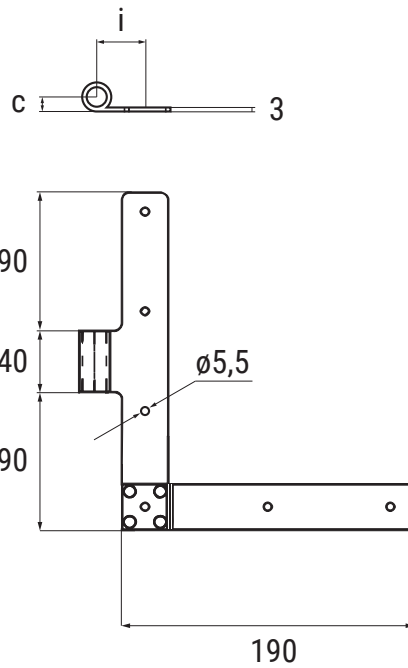
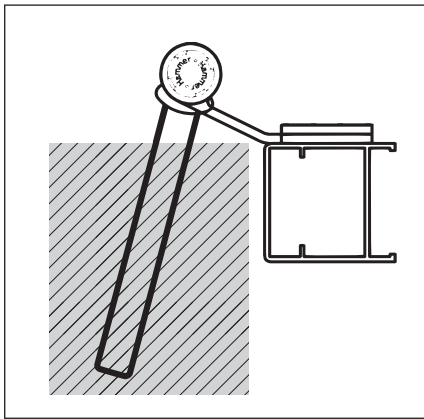


Servizio colore
Colour service
Service couleur



Su richiesta
On request
Sur demande

CODICE		i	c		NOTE · NOTES
4020		33	10	20 pz	
4021		23	22	20 pz	



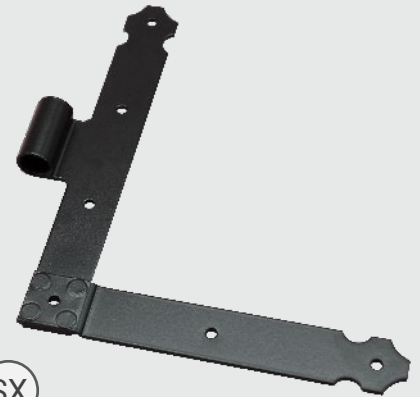
ø = 9-10-11-12-14 mm



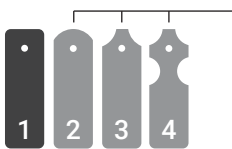
Con boccole di adattamento Hammer
With adaptation bushings Hammer
Avec manchons Hammer

pag. 170

(SX)



Bandella squadro
Shutter hinge
Équerre de volet



Su richiesta
On request
Sur demande



CODICE		i	c		NOTE · NOTES
L4020 DX		33	10	20 pz	DX = Destro · Right · Droite
L4020 SX		33	10	20 pz	SX = Sinistro · Left · Gauche
L4021 DX		23	22	20 pz	DX = Destro · Right · Droite
L4021 SX		23	22	20 pz	SX = Sinistro · Left · Gauche



FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir



Alluminio
Aluminium

Grezzo
Raw · Brut



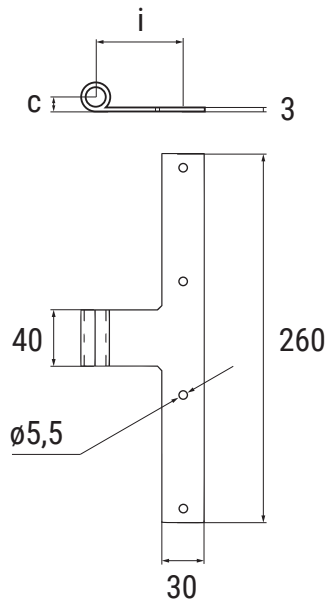
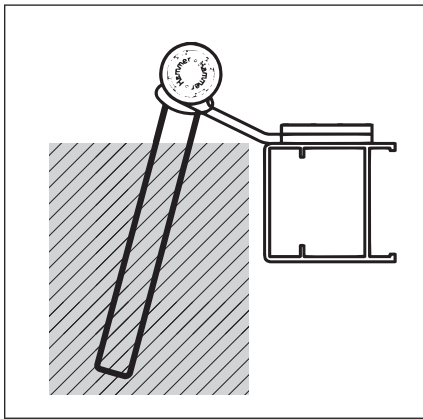
Altri RAL
Other RAL
Autre RAL

Su richiesta con:
On request with:
Sur demande avec:

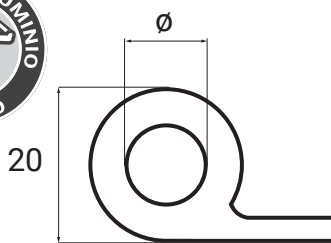


Servizio colore
Colour service
Service couleur





Bandella mezzo squadro
Middle shutter hinge
Té en aluminium



ø = 9-10-11-12-14 mm



Con boccole di adattamento Hammer
With adaptation bushings Hammer
Avec manchons Hammer

pag. 170



FINITURA FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL 9005 Nero opaco
Black · Noir



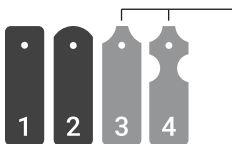
Alluminio Grezzo
Aluminium Raw · Brut



Altri RAL Su richiesta con:
Other RAL On request with:
Autre RAL Sur demande avec:

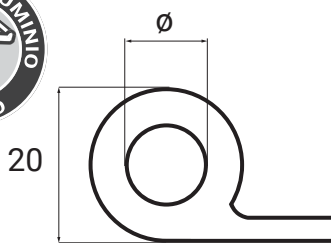
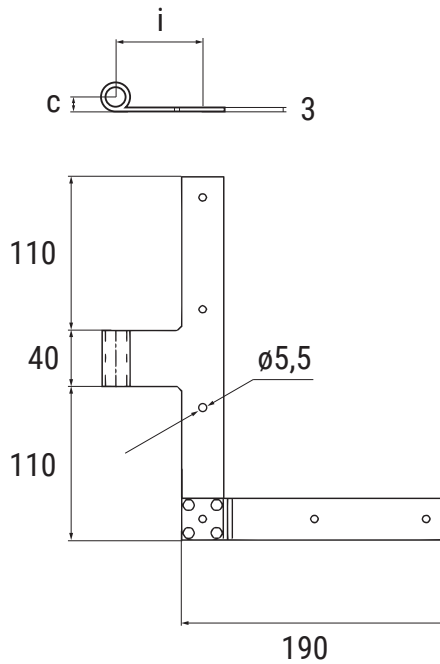
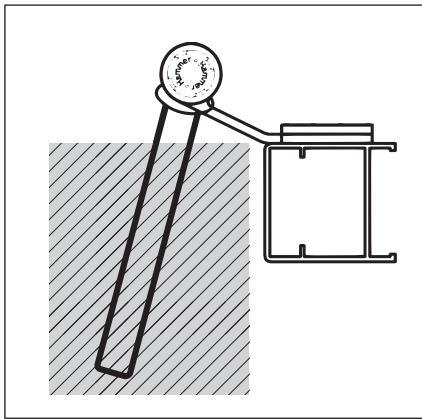


Servizio colore
Colour service
Service couleur



Su richiesta
On request
Sur demande

CODICE		i	c		NOTE · NOTES
6020	1	62	10	20 pz	
6021	2	60	18	20 pz	
6022	3	35	40	20 pz	
6023	4	53	30	20 pz	

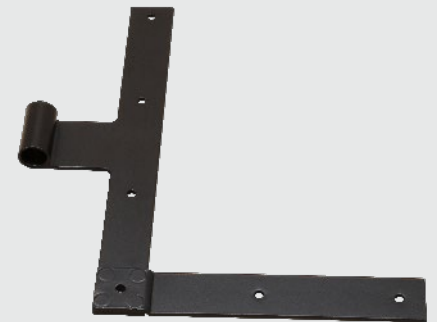


ø = 9-10-11-12-14 mm



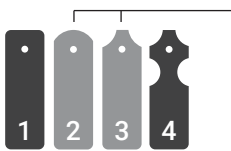
Con boccole di adattamento Hammer
With adaptation bushings Hammer
Avec manchons Hammer

pag. 170

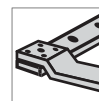


(SX)

Bandella squadro
Shutter hinge
Équerre de volet



Su richiesta
On request
Sur demande



CODICE		i	c		NOTE · NOTES
L6020 DX		62	10	20 pz	DX = Destro · Right · Droite
L6020 SX		62	10	20 pz	SX = Sinistro · Left · Gauche
L6021 DX		60	18	20 pz	DX = Destro · Right · Droite
L6021 SX		60	18	20 pz	SX = Sinistro · Left · Gauche
L6022 DX		35	40	20 pz	DX = Destro · Right · Droite
L6022 SX		35	40	20 pz	SX = Sinistro · Left · Gauche
L6023 DX		53	30	20 pz	DX = Destro · Right · Droite
L6023 SX		53	30	20 pz	SX = Sinistro · Left · Gauche



FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir



Alluminio
Aluminium

Grezzo
Raw · Brut



Altri RAL
Other RAL
Autre RAL

Su richiesta con:
On request with:
Sur demande avec:



Servizio colore
Colour service
Service couleur



2 CERNIERE · HINGES · PAUMELLES - 25 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	24
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	23
2100	●	●	●	●	●	●	●	●	●	●	●	●	23	22
2000	●	●	●	●	●	●	●	●	●	●	●	23	22	21
1900	●	●	●	●	●	●	●	●	●	●	24	22	21	19
1800	●	●	●	●	●	●	●	●	24	22	21	19	18	
1700	●	●	●	●	●	●	●	24	22	21	19	18	17	
1600	●	●	●	●	●	●	●	23	21	19	18	17	16	
1500	●	●	●	●	●	●	23	21	19	18	17	15	14	
1400	●	●	●	●	●	24	22	20	18	17	15	14	13	
1300	●	●	●	●	●	22	20	18	17	15	14	13	13	
1200	●	●	●	●	23	21	18	17	15	14	13	12	X	
1100	●	●	●	24	21	19	17	15	14	13	11	X	X	
1000	●	●	●	22	19	17	15	14	13	10	X	X	X	
900	●	●	23	20	17	15	14	13	X	X	X	X	X	
800	●	●	21	18	15	14	12	X	X	X	X	X	X	
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
					(800)	(900)	(1000)	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

3 CERNIERE · HINGES · PAUMELLES - 30 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	
2700	●	●	●	●	●	●	●	●	●	●	●	●	29	
2600	●	●	●	●	●	●	●	●	●	●	●	●	28	
2500	●	●	●	●	●	●	●	●	●	●	●	29	27	
2400	●	●	●	●	●	●	●	●	●	●	29	27	26	
2300	●	●	●	●	●	●	●	●	●	●	28	26	24	
2200	●	●	●	●	●	●	●	●	●	28	26	25	23	
2100	●	●	●	●	●	●	●	●	29	27	25	23	22	
2000	●	●	●	●	●	●	●	27	25	23	22	21		
1900	●	●	●	●	●	●	●	28	26	24	22	21	19	
1800	●	●	●	●	●	●	29	26	24	22	21	19	18	
1700	●	●	●	●	●	●	27	24	22	21	19	18	17	
1600	●	●	●	●	●	28	25	23	21	19	18	17	16	
1500	●	●	●	●	29	26	23	21	19	18	17	15	14	
1400	●	●	●	●	27	24	22	20	18	17	15	14	13	
1300	●	●	●	29	25	22	20	18	17	15	14	13	13	
1200	●	●	●	26	23	21	18	17	15	14	13	12	X	
1100	●	●	28	24	21	19	17	15	14	13	11	X	X	
1000	●	●	26	22	19	17	15	14	13	10	X	X	X	
900	●	28	23	20	17	15	14	13	X	X	X	X	X	
800	●	25	21	18	15	14	12	X	X	X	X	X	X	
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
					(800)	(900)	(1000)	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

4 CERNIERE · HINGES · PAUMELLES - 35 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	33	31		
2700	●	●	●	●	●	●	●	●	●	●	33	31	29	
2600	●	●	●	●	●	●	●	●	●	●	34	32	30	28
2500	●	●	●	●	●	●	●	●	●	●	33	31	29	27
2400	●	●	●	●	●	●	●	●	●	●	34	31	29	27
2300	●	●	●	●	●	●	●	●	●	32	30	28	26	24
2200	●	●	●	●	●	●	●	33	31	28	26	25	23	
2100	●	●	●	●	●	●	●	32	29	27	25	23	22	
2000	●	●	●	●	●	33	30	27	25	23	22	21		
1900	●	●	●	●	34	31	28	26	24	22	21	19		
1800	●	●	●	●	●	32	29	26	24	22	21	19	18	
1700	●	●	●	●	34	30	27	24	22	21	19	18	17	
1600	●	●	●	●	31	28	25	23	21	19	18	17	16	
1500	●	●	●	33	29	26	23	21	19	18	17	15	14	
1400	●	●	●	31	27	24	22	20	18	17	15	14	13	
1300	●	●	33	29	25	22	20	18	17	15	14	13	13	
1200	●	●	31	26	23	21	18	17	15	14	13	12	X	
1100	●	34	28	24	21	19	17	15	14	13	11	X	X	
1000	●	31	26	22	19	17	15	14	13	10	X	X	X	
900	●	28	23	20	17	15	14	13	X	X	X	X	X	
800	31	25	21	18	15	14	12	X	X	X	X	X	X	
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
					(800)	(900)	(1000)	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

**ANTA SINGOLA / (ANTA DOPPIA)
SINGLE SASH / (DOUBLE SASH)
BATTANT SIMPLE / (BATTANT DOUBLE)**

● PESO MAX IN BASE AL NUMERO DELLE CERNIERE
MAX WEIGHT BASED ON NUMBER OF HINGES
POIDS MAX EN FONCTION DU NOMBRE DE CHARNIÈRES

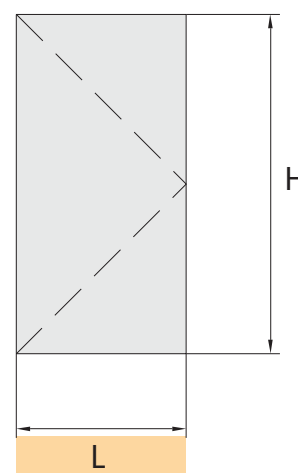
30 PESO MAX DELL'ANTA
MAX SASH WEIGHT · POIDS MAX DU BATTANT

X NON ESEGUIBILE
NOT EXECUTABLE · NON EXÉCUTABLE

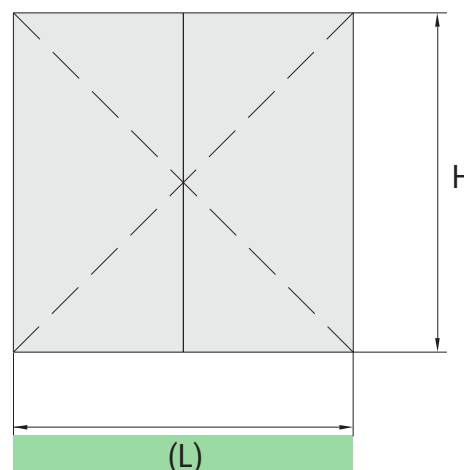
L LARGHEZZA ANTA SINGOLA
SINGLE SASH WIDTH · LARGEUR DU BATTANT SIMPLE

(L) LARGHEZZA ANTA DOPPIA
DOUBLE SASH WIDTH · LARGEUR DU BATTANT DOUBLE

SCHEMA ANTA SINGOLA
SINGLE SASH DIAGRAM · DIAGRAMME POUR BATTANT SIMPLE



SCHEMA ANTA DOPPIA
DOUBLE SASH DIAGRAM · DIAGRAMME POUR BATTANT DOUBLE





2 CERNIERE · HINGES · PAUMELLES · 20 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	19
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	18
2100	●	●	●	●	●	●	●	●	●	●	●	●	19	17
2000	●	●	●	●	●	●	●	●	●	●	●	19	17	16
1900	●	●	●	●	●	●	●	●	●	●	19	18	16	15
1800	●	●	●	●	●	●	●	19	18	16	15	14	14	
1700	●	●	●	●	●	●	●	19	18	16	15	14	12	
1600	●	●	●	●	●	●	●	18	17	15	14	11	X	
1500	●	●	●	●	●	●	●	18	17	15	14	11	X	X
1400	●	●	●	●	●	●	19	17	16	14	12	X	X	X
1300	●	●	●	●	●	●	18	16	15	12	X	X	X	X
1200	●	●	●	●	18	16	15	12	X	X	X	X	X	X
1100	●	●	●	19	17	15	12	X	X	X	X	X	X	X
1000	●	●	18	15	13	X	X	X	X	X	X	X	X	X
900	●	●	18	16	13	X	X	X	X	X	X	X	X	X
800	●	●	16	13	X	X	X	X	X	X	X	X	X	X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

3 CERNIERE · HINGES · PAUMELLES · 25 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	24
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	23
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	24
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	24
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	23
2300	●	●	●	●	●	●	●	●	●	●	24	22	21	19
2200	●	●	●	●	●	●	●	●	●	●	23	21	20	18
2100	●	●	●	●	●	●	●	●	●	●	23	21	20	19
2000	●	●	●	●	●	●	●	●	24	22	20	19	17	16
1900	●	●	●	●	●	●	●	●	22	21	19	18	16	15
1800	●	●	●	●	●	●	●	23	21	19	18	16	15	14
1700	●	●	●	●	●	●	24	21	19	18	16	15	14	12
1600	●	●	●	●	●	22	20	18	17	15	14	11	X	
1500	●	●	●	●	23	21	18	17	15	14	11	X	X	
1400	●	●	●	●	22	19	17	16	14	12	X	X	X	
1300	●	●	●	23	20	18	16	15	12	X	X	X	X	
1200	●	●	●	21	18	16	15	12	X	X	X	X	X	
1100	●	●	23	19	17	15	12	X	X	X	X	X	X	
1000	●	●	21	18	15	13	X	X	X	X	X	X	X	
900	●	●	22	18	16	13	X	X	X	X	X	X	X	
800	●	●	20	16	13	X	X	X	X	X	X	X	X	
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

4 CERNIERE · HINGES · PAUMELLES · 30 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	28	26	24	
2700	●	●	●	●	●	●	●	●	●	●	29	27	25	23
2600	●	●	●	●	●	●	●	●	●	●	28	26	24	22
2500	●	●	●	●	●	●	●	●	●	●	29	26	24	23
2400	●	●	●	●	●	●	●	●	●	●	27	25	23	22
2300	●	●	●	●	●	●	●	●	●	28	26	24	22	19
2200	●	●	●	●	●	●	●	29	27	25	23	21	20	18
2100	●	●	●	●	●	●	28	25	23	21	20	19	17	
2000	●	●	●	●	●	29	26	24	22	20	19	17	16	
1900	●	●	●	●	27	25	22	21	19	18	16	15		
1800	●	●	●	●	29	26	23	21	19	18	16	15	14	
1700	●	●	●	●	27	24	21	19	18	16	15	14	12	
1600	●	●	●	28	25	22	20	18	17	15	14	11	X	
1500	●	●	●	26	23	21	18	17	15	14	11	X	X	
1400	●	●	●	29	25	22	19	17	16	14	12	X	X	
1300	●	●	27	23	20	18	16	15	12	X	X	X	X	
1200	●	●	25	21	18	16	15	12	X	X	X	X	X	
1100	●	●	27	23	19	17	15	12	X	X	X	X	X	
1000	●	25	21	18	15	13	X	X	X	X	X	X	X	
900	28	22	18	16	13	X	X	X	X	X	X	X	X	
800	25	20	16	13	X	X	X	X	X	X	X	X	X	
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

ANTA SINGOLA / (ANTA DOPPIA)
SINGLE SASH / (DOUBLE SASH)
BATTANT SIMPLE / (BATTANT DOUBLE)

● PESO MAX IN BASE AL NUMERO DELLE CERNIERE
MAX WEIGHT BASED ON NUMBER OF HINGES
POIDS MAX EN FONCTION DU NOMBRE DE CHARNIÈRES

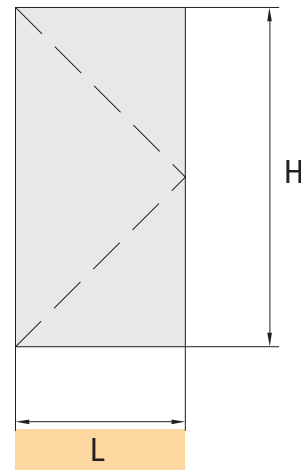
30 PESO MAX DELL'ANTA
MAX SASH WEIGHT · POIDS MAX DU BATTANT

X NON ESEGUIBILE
NOT EXECUTABLE · NON EXÉCUTABLE

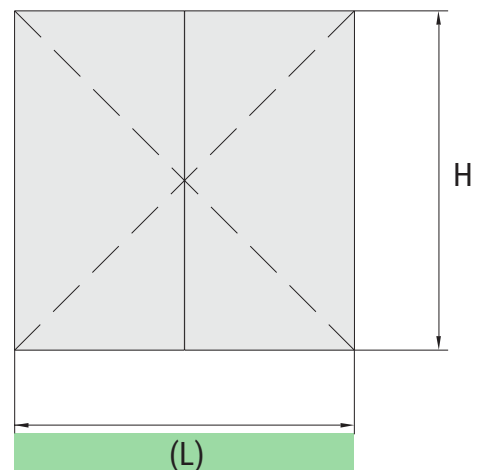
L LARGHEZZA ANTA SINGOLA
SINGLE SASH WIDTH · LARGEUR DU BATTANT SIMPLE

(L) LARGHEZZA ANTA DOPPIA
DOUBLE SASH WIDTH · LARGEUR DU BATTANT DOUBLE

SCHEMA ANTA SINGOLA
SINGLE SASH DIAGRAM · DIAGRAMME POUR BATTANT SIMPLE



SCHEMA ANTA DOPPIA
DOUBLE SASH DIAGRAM · DIAGRAMME POUR BATTANT DOUBLE





2 CERNIERE · HINGES · PAUMELLES - 20 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	19
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	18
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	19 17
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	19 17 16
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	19 18 16 15
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	19 18 16 15 14
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	19 18 16 15 14 13
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	18 17 15 14 13 11
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	18 17 15 14 13 11 X
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	19 17 16 14 13 11 X X
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	18 16 15 13 11 X X X
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	18 16 15 13 11 X X X X
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	19 17 15 14 11 X X X X X
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	18 15 14 11 X X X X X X
900	●	●	●	●	●	●	●	●	●	●	●	●	●	18 16 14 11 X X X X X X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	16 14 11 X X X X X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L

3 CERNIERE · HINGES · PAUMELLES - 25 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	24
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	23
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	24 22
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	24 23 21
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	23 22 20
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	24 22 21 19
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	23 21 20 18
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	23 21 20 19 17
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	24 22 20 19 17 16
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	22 21 19 18 16 15
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	23 21 19 18 16 15 14
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	24 21 19 18 16 15 14 13
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	22 20 18 17 15 14 13 11
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	23 21 18 17 15 14 13 11 X
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	22 19 17 16 14 13 11 X X
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	23 20 18 16 15 13 11 X X X
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	21 18 16 15 13 11 X X X X
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	23 19 17 15 14 11 X X X X X
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	21 18 15 14 11 X X X X X X
900	●	●	●	●	●	●	●	●	●	●	●	●	●	22 18 16 14 11 X X X X X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	20 16 14 11 X X X X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L

4 CERNIERE · HINGES · PAUMELLES - 30 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	28 26 24
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27 25 23
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	28 26 24 22
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	29 26 24 23 21
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	27 25 23 22 20
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	28 26 24 22 21 19
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27 25 23 21 20 18
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	28 25 23 21 20 19 17
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	29 26 24 22 20 19 17 16
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	27 25 22 21 19 18 16 15
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	29 26 23 21 19 18 16 15 14
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	27 24 21 19 18 16 15 14 13
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	28 25 22 20 18 17 15 14 13 11
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	26 23 21 18 17 15 14 13 11 X
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	29 25 22 19 17 16 14 13 11 X X
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	27 23 20 18 16 15 13 11 X X X
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	25 21 18 16 15 13 11 X X X X
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	27 23 19 17 15 14 11 X X X X X
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	25 21 18 15 14 11 X X X X X X
900	●	●	●	●	●	●	●	●	●	●	●	●	●	28 22 18 16 14 11 X X X X X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	25 20 16 14 11 X X X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L

ANTA SINGOLA / (ANTA DOPPIA)
SINGLE SASH / (DOUBLE SASH)
BATTANT SIMPLE / (BATTANT DOUBLE)

● PESO MAX IN BASE AL NUMERO DELLE CERNIERE
MAX WEIGHT BASED ON NUMBER OF HINGES
POIDS MAX EN FONCTION DU NOMBRE DE CHARNIÈRES

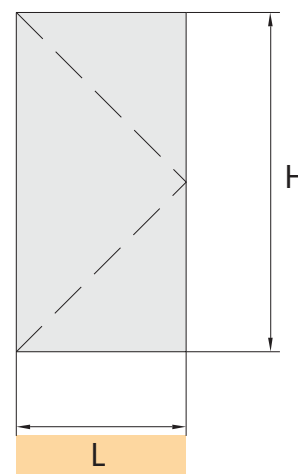
30 PESO MAX DELL'ANTA
MAX SASH WEIGHT · POIDS MAX DU BATTANT

X NON ESEGUIBILE
NOT EXECUTABLE · NON EXÉCUTABLE

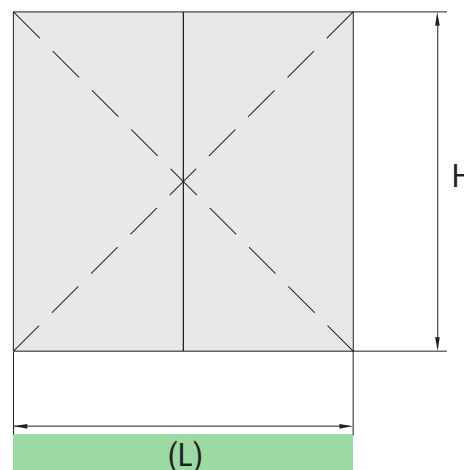
L LARGHEZZA ANTA SINGOLA
SINGLE SASH WIDTH · LARGEUR DU BATTANT SIMPLE

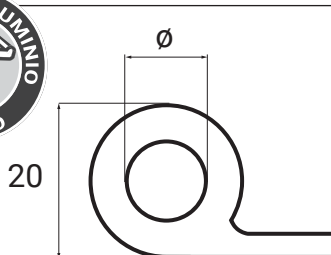
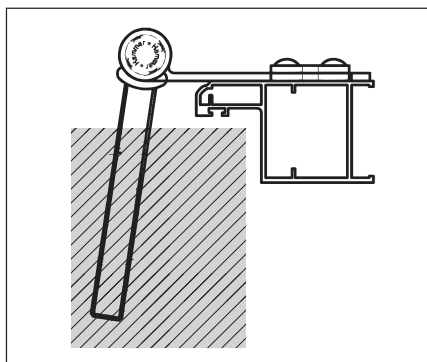
(L) LARGHEZZA ANTA DOPPIA
DOUBLE SASH WIDTH · LARGEUR DU BATTANT DOUBLE

SCHEMA ANTA SINGOLA
SINGLE SASH DIAGRAM · DIAGRAMME POUR BATTANT SIMPLE



SCHEMA ANTA DOPPIA
DOUBLE SASH DIAGRAM · DIAGRAMME POUR BATTANT DOUBLE



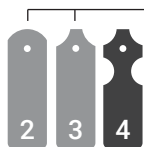
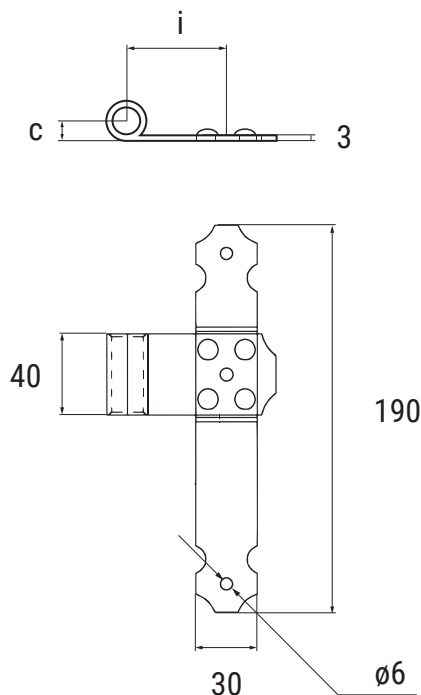


Ø = 9-10-11-12-14 mm



Con boccole di adattamento Hammer
With adaptation bushings Hammer
Avec manchons Hammer

pag. 170



Su richiesta
On request
Sur demande



CODICE		i	c		NOTE · NOTES
7021 DX		63,5	10	20 pz	DX = Destro · Right · Droite
7021 SX		63,5	10	20 pz	SX = Sinistro · Left · Gauche
7022 DX		45	10	20 pz	DX = Destro · Right · Droite
7022 SX		45	10	20 pz	SX = Sinistro · Left · Gauche
7023 DX		45	20	20 pz	DX = Destro · Right · Droite
7023 SX		45	20	20 pz	SX = Sinistro · Left · Gauche
7024 DX		61,5	23	20 pz	DX = Destro · Right · Droite
7024 SX		61,5	23	20 pz	SX = Sinistro · Left · Gauche
7026 DX		45	40	20 pz	DX = Destro · Right · Droite
7026 SX		45	40	20 pz	SX = Sinistro · Left · Gauche
* 7027 DX		45	23	20 pz	DX = Destro · Right · Droite
* 7027 SX		45	23	20 pz	SX = Sinistro · Left · Gauche
* 7033 DX		33,5	20	20 pz	DX = Destro · Right · Droite
* 7033 SX		33,5	20	20 pz	SX = Sinistro · Left · Gauche
					Su misura Made to measure Sur mesure



* Su richiesta · On request · Sur demande



DX

Bandella mezzo squadro
Middle shutter hinge
Té en aluminium



FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL 9005 Nero opaco
Black · Noir



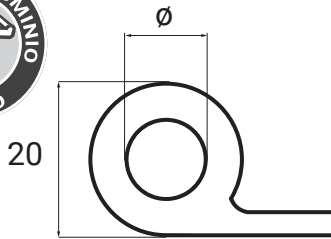
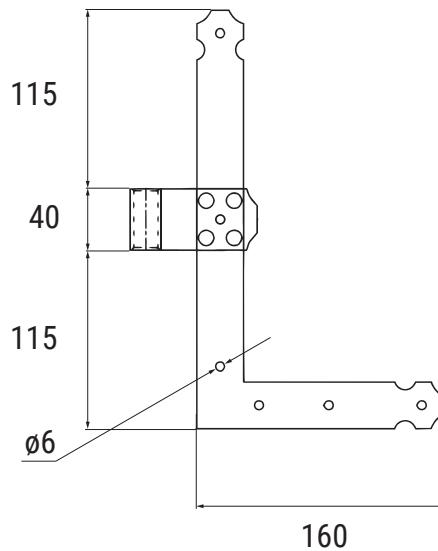
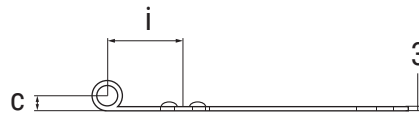
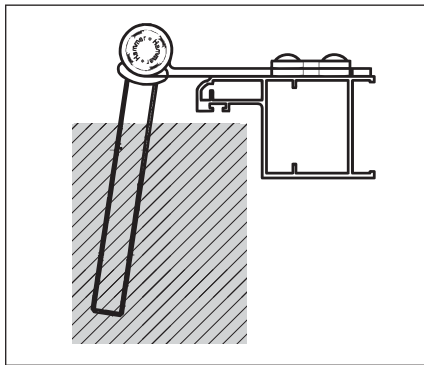
Alluminio Grezzo
Aluminium Raw · Brut



Altri RAL Su richiesta con:
Other RAL On request with:
Autre RAL Sur demande avec:



Servizio colore
Colour service
Service couleur

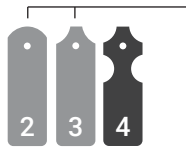


Ø = 9-10-11-12-14 mm

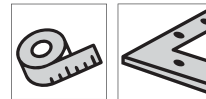


Con boccole di adattamento Hammer
With adaptation bushings Hammer
Avec manchons Hammer

pag. 170

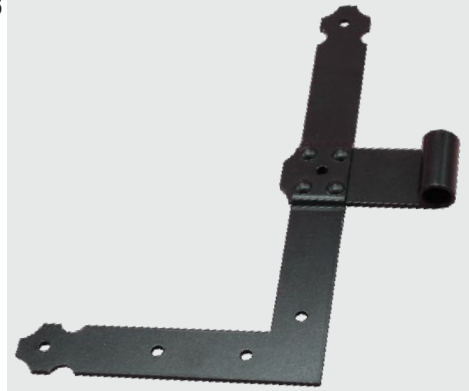


Su richiesta
On request
Sur demande



CODICE	i	c		NOTE · NOTES
L7021 DX	63,5	10	20 pz	DX = Destro · Right · Droite
L7021 SX	63,5	10	20 pz	SX = Sinistro · Left · Gauche
L7022 DX	45	10	20 pz	DX = Destro · Right · Droite
L7022 SX	45	10	20 pz	SX = Sinistro · Left · Gauche
L7023 DX	45	20	20 pz	DX = Destro · Right · Droite
L7023 SX	45	20	20 pz	SX = Sinistro · Left · Gauche
L7024 DX	61,5	23	20 pz	DX = Destro · Right · Droite
L7024 SX	61,5	23	20 pz	SX = Sinistro · Left · Gauche
L7026 DX	45	40	20 pz	DX = Destro · Right · Droite
L7026 SX	45	40	20 pz	SX = Sinistro · Left · Gauche
* L7027 DX	45	23	20 pz	DX = Destro · Right · Droite
* L7027 SX	45	23	20 pz	SX = Sinistro · Left · Gauche
* L7033 DX	33,5	20	20 pz	DX = Destro · Right · Droite
* L7033 SX	33,5	20	20 pz	SX = Sinistro · Left · Gauche
				Su misura Made to measure Sur mesure

* Su richiesta · On request · Sur demande



DX

Bandella squadro
Shutter hinge
Équerre de volet



FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir



Alluminio
Aluminium

Grezzo
Raw · Brut



Altri RAL
Other RAL
Autre RAL

Su richiesta con:
On request with:
Sur demande avec:



Servizio colore
Colour service
Service couleur



2 CERNIERE · HINGES · PAUMELLES - 20 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L	
2800	●	●	●	●	●	●	●	●	●	●	●	●	●		
2700	●	●	●	●	●	●	●	●	●	●	●	●	●		
2600	●	●	●	●	●	●	●	●	●	●	●	●	●		
2500	●	●	●	●	●	●	●	●	●	●	●	●	●		
2400	●	●	●	●	●	●	●	●	●	●	●	●	●		
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	19	
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	18	
2100	●	●	●	●	●	●	●	●	●	●	●	●	19	17	
2000	●	●	●	●	●	●	●	●	●	●	●	19	17	16	
1900	●	●	●	●	●	●	●	●	●	19	18	16	15		
1800	●	●	●	●	●	●	●	19	18	16	15	14	13		
1700	●	●	●	●	●	●	●	19	18	16	15	14	13		
1600	●	●	●	●	●	●	●	18	17	15	14	13	12		
1500	●	●	●	●	●	●	●	18	17	15	14	13	12	12	
1400	●	●	●	●	●	●	19	17	16	14	13	12	11	11	
1300	●	●	●	●	●	●	●	18	16	15	13	12	11	11	10
1200	●	●	●	●	●	18	16	15	13	12	11	11	X	X	
1100	●	●	●	19	17	15	14	12	11	10	X	X	X	X	
1000	●	●	●	18	15	14	12	11	10	X	X	X	X	X	
900	●	●	18	16	14	12	11	10	X	X	X	X	X	X	
800	●	●	16	14	12	11	X	X	X	X	X	X	X	X	
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L	
					(800)	(900)	(1000)							(L)	

3 CERNIERE · HINGES · PAUMELLES - 25 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L	
2800	●	●	●	●	●	●	●	●	●	●	●	●	24		
2700	●	●	●	●	●	●	●	●	●	●	●	●	23		
2600	●	●	●	●	●	●	●	●	●	●	●	●	24	22	
2500	●	●	●	●	●	●	●	●	●	●	●	●	24	23	21
2400	●	●	●	●	●	●	●	●	●	●	●	●	23	22	20
2300	●	●	●	●	●	●	●	●	●	24	22	21	19		
2200	●	●	●	●	●	●	●	●	●	23	21	20	18		
2100	●	●	●	●	●	●	●	●	23	21	20	19	17		
2000	●	●	●	●	●	●	●	24	22	20	19	17	16		
1900	●	●	●	●	●	●	●	22	21	19	18	16	15		
1800	●	●	●	●	●	●	●	23	21	19	18	16	15	14	
1700	●	●	●	●	●	●	24	21	19	18	16	15	14	13	
1600	●	●	●	●	●	22	20	18	17	15	14	13	12	12	
1500	●	●	●	●	23	21	18	17	15	14	13	12	11	11	
1400	●	●	●	●	22	19	17	16	14	13	12	11	11		
1300	●	●	●	23	20	18	16	15	13	12	11	11	10		
1200	●	●	●	21	18	16	15	13	12	11	11	X	X		
1100	●	●	23	19	17	15	14	12	11	10	X	X	X		
1000	●	●	21	18	15	14	12	11	10	X	X	X	X		
900	●	●	22	18	16	14	12	11	10	X	X	X	X		
800	●	●	20	16	14	12	11	X	X	X	X	X	X		
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L	
					(800)	(900)	(1000)							(L)	

4 CERNIERE · HINGES · PAUMELLES - 30 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	28	26	24		
2700	●	●	●	●	●	●	●	●	●	29	27	25	23	
2600	●	●	●	●	●	●	●	●	●	28	26	24	22	
2500	●	●	●	●	●	●	●	●	●	29	26	24	23	21
2400	●	●	●	●	●	●	●	●	●	27	25	23	22	20
2300	●	●	●	●	●	●	●	●	28	26	24	22	21	19
2200	●	●	●	●	●	●	●	29	27	25	23	21	20	18
2100	●	●	●	●	●	●	●	28	25	23	21	20	19	17
2000	●	●	●	●	●	29	26	24	22	20	19	17	16	
1900	●	●	●	●	27	25	22	21	19	18	16	15		
1800	●	●	●	●	29	26	23	21	19	18	16	15	14	
1700	●	●	●	●	27	24	21	19	18	16	15	14	13	
1600	●	●	●	28	25	22	20	18	17	15	14	13	12	
1500	●	●	●	26	23	21	18	17	15	14	13	12	12	
1400	●	●	29	25	22	19	17	16	14	13	12	11	11	
1300	●	●	27	23	20	18	16	15	13	12	11	11	10	
1200	●	●	25	21	18	16	15	13	12	11	11	X	X	
1100	●	27	23	19	17	15	14	12	11	10	X	X	X	
1000	●	25	21	18	15	14	12	11	10	X	X	X	X	
900	28	22	18	16	14	12	11	10	X	X	X	X	X	
800	25	20	16	14	12	11	X	X	X	X	X	X	X	
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
					(800)	(900)	(1000)							(L)

ANTA SINGOLA / (ANTA DOPPIA)
SINGLE SASH / (DOUBLE SASH)
BATTANT SIMPLE / (BATTANT DOUBLE)

● PESO MAX IN BASE AL NUMERO DELLE CERNIERE
MAX WEIGHT BASED ON NUMBER OF HINGES
POIDS MAX EN FONCTION DU NOMBRE DE CHARNIÈRES

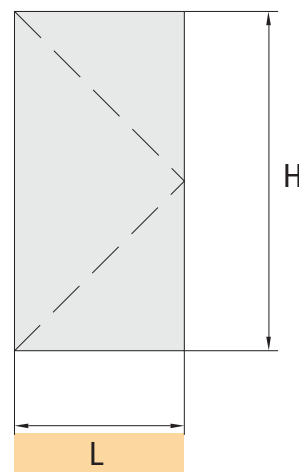
30 PESO MAX DELL'ANTA
MAX SASH WEIGHT · POIDS MAX DU BATTANT

X NON ESEGUIBILE
NOT EXECUTABLE · NON EXÉCUTABLE

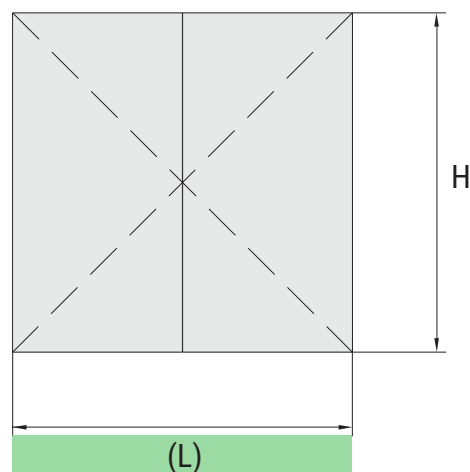
L LARGHEZZA ANTA SINGOLA
SINGLE SASH WIDTH · LARGEUR DU BATTANT SIMPLE

(L) LARGHEZZA ANTA DOPPIA
DOUBLE SASH WIDTH · LARGEUR DU BATTANT DOUBLE

SCHEMA ANTA SINGOLA
SINGLE SASH DIAGRAM · DIAGRAMME POUR BATTANT SIMPLE



SCHEMA ANTA DOPPIA
DOUBLE SASH DIAGRAM · DIAGRAMME POUR BATTANT DOUBLE





2 CERNIERE · HINGES · PAUMELLES - 20 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	19
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	19 18
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	19 18 17
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	19 18 17 16
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	19 18 17 15 14
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	18 17 15 14 13
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	18 17 15 14 13 13
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	18 17 15 14 13 12 10
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	19 17 15 14 13 11 X X
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	19 17 15 14 13 11 X X X
900	●	●	●	●	●	●	●	●	●	●	●	●	●	17 15 14 13 10 X X X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	18 15 14 12 X X X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
					(800)	(900)	(1000)	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

3 CERNIERE · HINGES · PAUMELLES - 25 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	24
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	23
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	23 22
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	23 22 21
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	24 22 21 19
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	24 22 21 19 18
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	24 22 21 19 18 17
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	23 21 19 18 17 16
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	23 21 19 18 17 15 14
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	24 22 20 18 17 15 14 13
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	22 20 18 17 15 14 13 13
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	23 21 18 17 15 14 13 12 10
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	24 21 19 17 15 14 13 11 X X
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	22 19 17 15 14 13 11 X X X
900	●	●	●	●	●	●	●	●	●	●	●	●	●	23 20 17 15 14 13 10 X X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	21 18 15 14 12 X X X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
					(800)	(900)	(1000)	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

4 CERNIERE · HINGES · PAUMELLES - 30 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	29
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	28
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27 26
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	28 26 24
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	28 26 25 23
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27 25 23 22
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	27 25 23 22 21
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	28 26 24 22 21 19
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	29 26 24 22 21 19 18
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	27 24 22 21 19 18 17
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	28 25 23 21 19 18 17 16
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	29 26 23 21 19 18 17 15 14
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	27 24 22 20 18 17 15 14 13
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	29 25 22 20 18 17 15 14 13 13
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	26 23 21 18 17 15 14 13 12 10
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	28 24 21 19 17 15 14 13 11 X X
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	26 22 19 17 15 14 13 11 X X X
900	●	●	●	●	●	●	●	●	●	●	●	●	●	28 23 20 17 15 14 13 10 X X X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	25 21 18 15 14 12 X X X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
					(800)	(900)	(1000)	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

ANTA SINGOLA / (ANTA DOPPIA)
SINGLE SASH / (DOUBLE SASH)
BATTANT SIMPLE / (BATTANT DOUBLE)

● PESO MAX IN BASE AL NUMERO DELLE CERNIERE
MAX WEIGHT BASED ON NUMBER OF HINGES
POIDS MAX EN FONCTION DU NOMBRE DE CHARNIÈRES

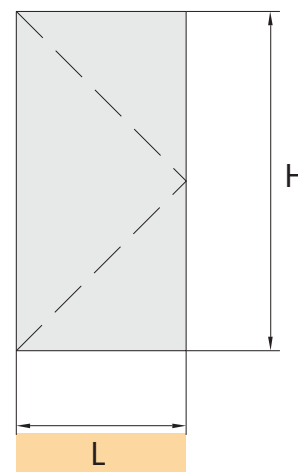
30 PESO MAX DELL'ANTA
MAX SASH WEIGHT · POIDS MAX DU BATTANT

X NON ESEGUIBILE
NOT EXECUTABLE · NON EXÉCUTABLE

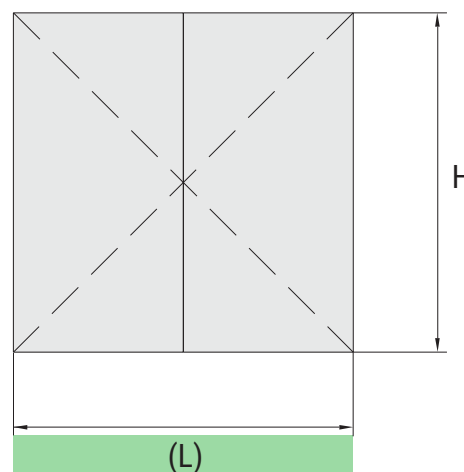
L LARGHEZZA ANTA SINGOLA
SINGLE SASH WIDTH · LARGEUR DU BATTANT SIMPLE

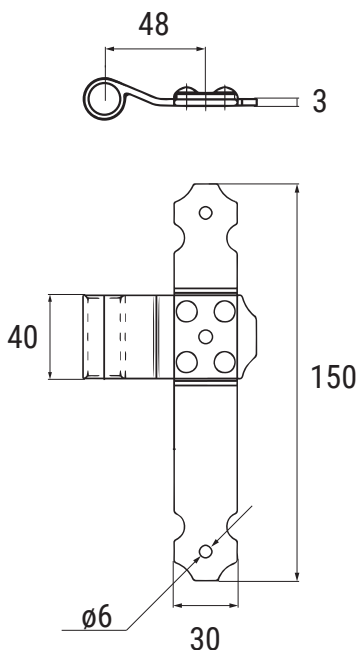
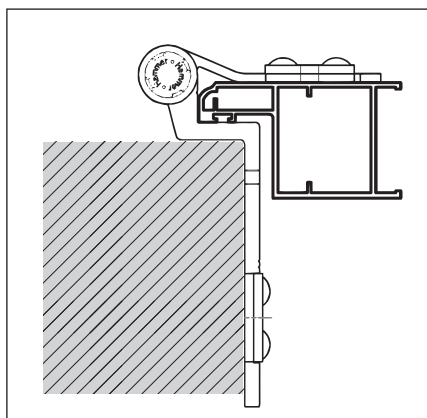
(L) LARGHEZZA ANTA DOPPIA
DOUBLE SASH WIDTH · LARGEUR DU BATTANT DOUBLE

SCHEMA ANTA SINGOLA
SINGLE SASH DIAGRAM · DIAGRAMME POUR BATTANT SIMPLE



SCHEMA ANTA DOPPIA
DOUBLE SASH DIAGRAM · DIAGRAMME POUR BATTANT DOUBLE



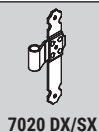


DX

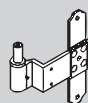
Bandella mezzo squadro
Middle shutter hinge
Té en aluminium



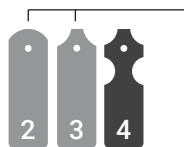
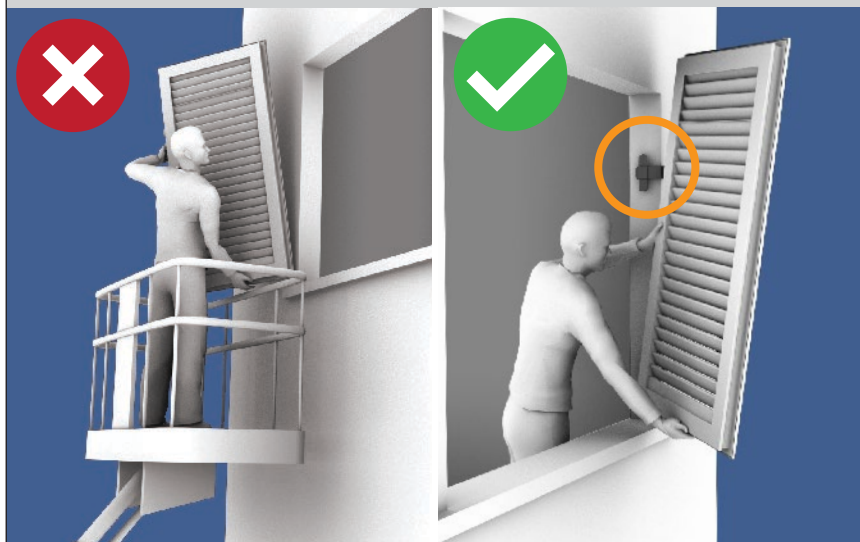
Per cardine da interno
For internal pivot
Pour gond d'intérieur



7020 DX/SX



2126
Pag. 103



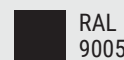
Su richiesta
On request
Sur demande

CODICE			NOTE · NOTES
7020 DX		20 pz	DX = Destro · Right · Droite
7020 SX		20 pz	SX = Sinistro · Left · Gauche



FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir



Alluminio
Aluminium

Grezzo
Raw · Brut

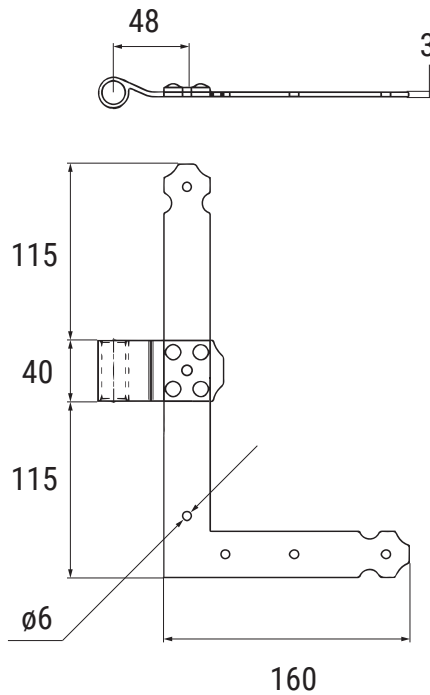
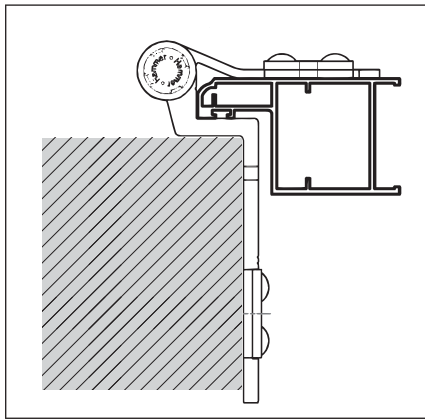


Altri RAL
Other RAL
Autre RAL

Su richiesta con:
On request with:
Sur demande avec:



Servizio colore
Colour service
Service couleur



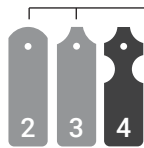
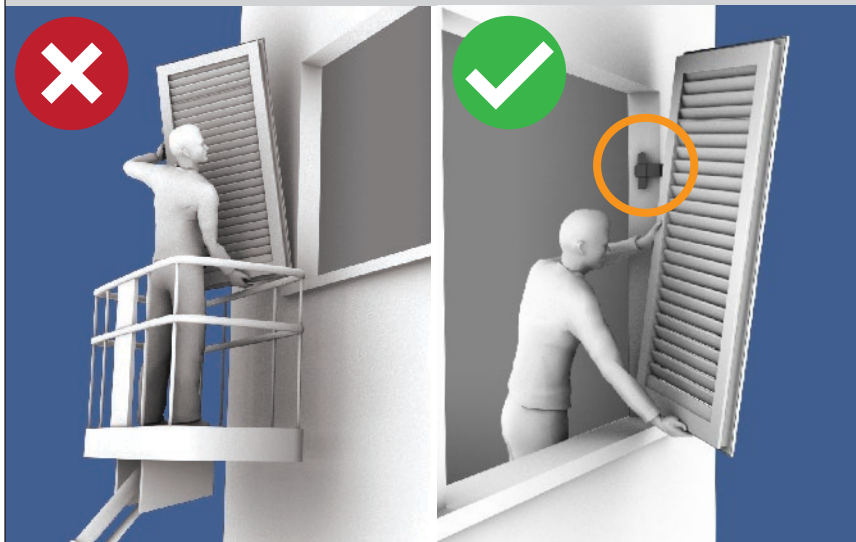
(SX)

Bandella squadro
Shutter hinge
Équerre de volet

Per cardine da interno
 For internal pivot
 Pour gond d'intérieur

+

 2126
 Pag. 103



Su richiesta
On request
Sur demande

CODICE		NOTE · NOTES
L7020 DX	20 pz	DX = Destro · Right · Droite
L7020 SX	20 pz	SX = Sinistro · Left · Gauche



FINITURA FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre

RAL 9005 Nero opaco
 Black · Noir

Alluminio Grezzo
 Aluminium Raw · Brut

Altri RAL
 Other RAL
 Autre RAL

Su richiesta con:
On request with:
Sur demande avec:



Servizio colore
Colour service
Service couleur

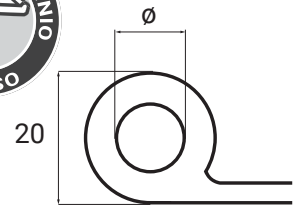
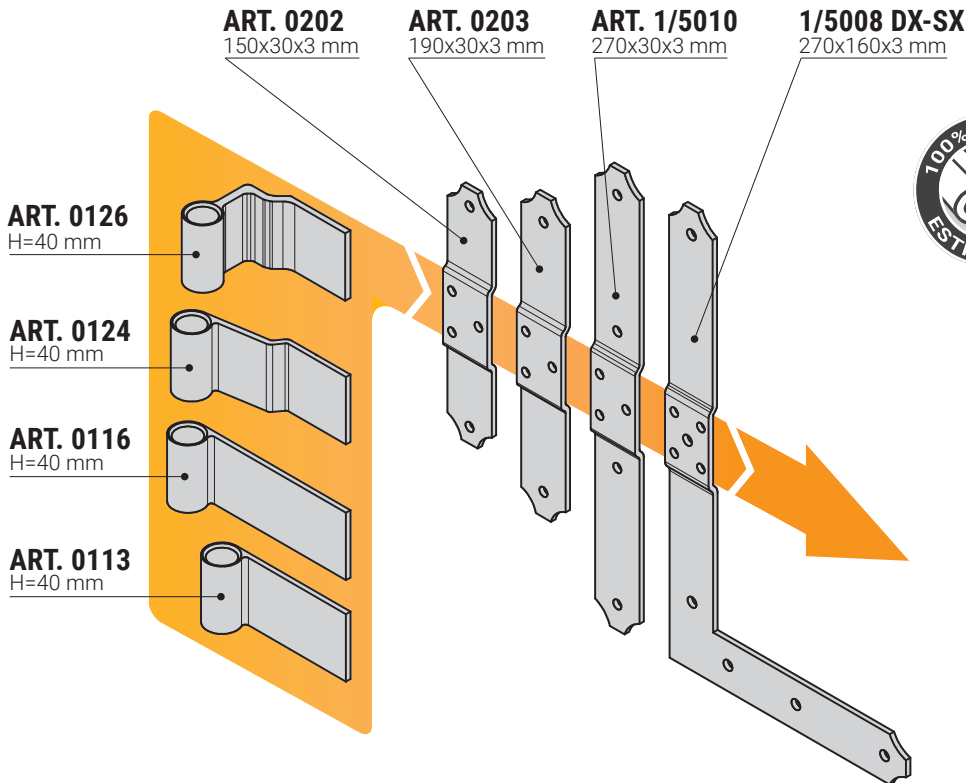


SQUADRI REGISTRABILI

ADJUSTABLE HINGES • ÉQUERRES DE VOLET RÉGLABLE

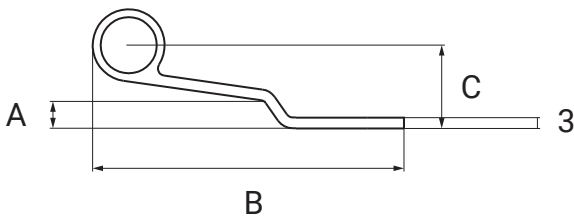
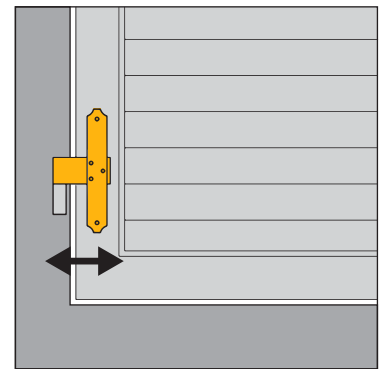
SQUADRI REGISTRABILI

ADJUSTABLE HINGES • ÉQUERRE DE VOLET RÉGLABLE




Ø = 9-10-11-12-14 mm


Con boccole di adattamento Hammer
With adaptation bushings Hammer
Avec manchons Hammer




FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre


 RAL 9005 Nero opaco
Black · Noir

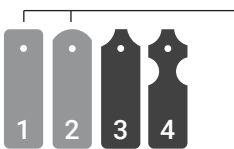
 Alluminio Grezzo
Aluminium Raw · Brut

 Altri RAL Su richiesta con:
Other RAL On request with:
Autre RAL Sur demande avec:

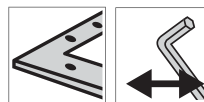


Servizio colore
Colour service
Service couleur

CODICE	A	B	C		NOTE · NOTES
0113	0	87	10	50 pz	
0116	0	110	10	50 pz	
0124	8	86,5	23	50 pz	
0126	6	70	40	50 pz	



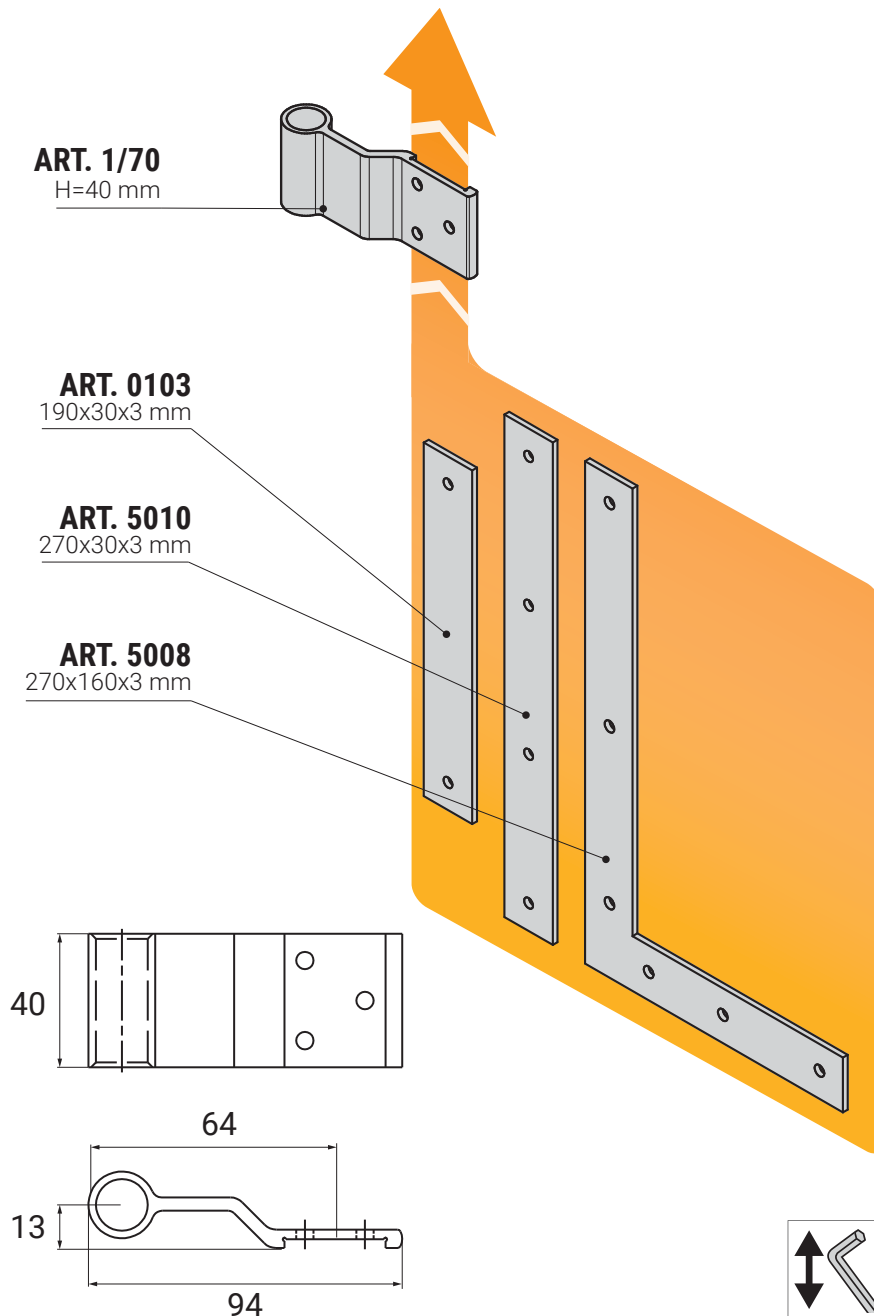
Su richiesta
On request
Sur demande



CODICE		NOTE · NOTES
0202	50 pz	
0203	50 pz	
1/5010	50 pz	
1/5008 DX	25 pz	DX = Destro · Right · Droite
1/5008 SX	25 pz	SX = Sinistro · Left · Gauche

SQUADRI REGISTRABILI

ADJUSTABLE HINGES • ÉQUERRE DE VOLET RÉGLABLE

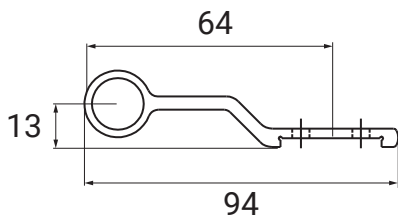
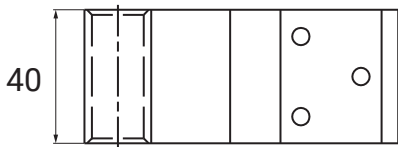


ART. 1/70
H=40 mm

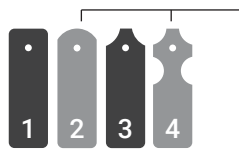
ART. 0103
190x30x3 mm

ART. 5010
270x30x3 mm

ART. 5008
270x160x3 mm



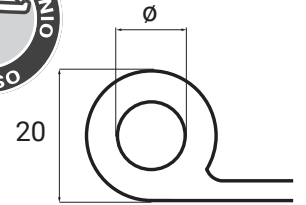
CODICE		NOTE · NOTES
1/70	50 pz	



Su richiesta
On request
Sur demande



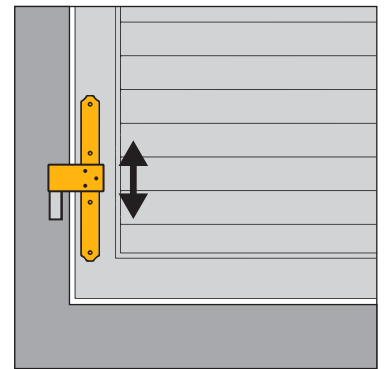
CODICE		NOTE · NOTES
0103	50 pz	
5010	50 pz	
5008	50 pz	



∅ = 9-10-11-12-14 mm



Con boccole di adattamento Hammer
With adaptation bushings Hammer
Avec manchons Hammer



FINITURA FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir



Alluminio
Aluminium

Grezzo
Raw · Brut



Altri RAL
Other RAL
Autre RAL

Su richiesta con:
On request with:
Sur demande avec:



Servizio colore
Colour service
Service couleur

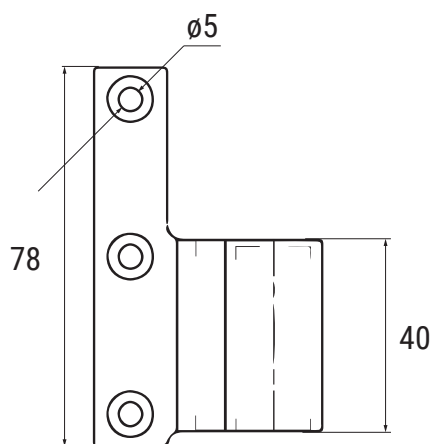
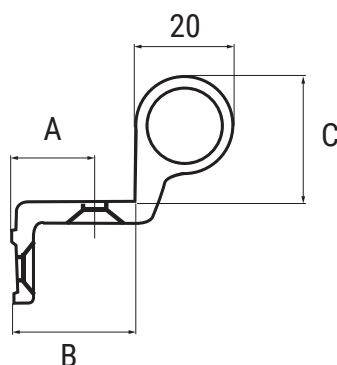
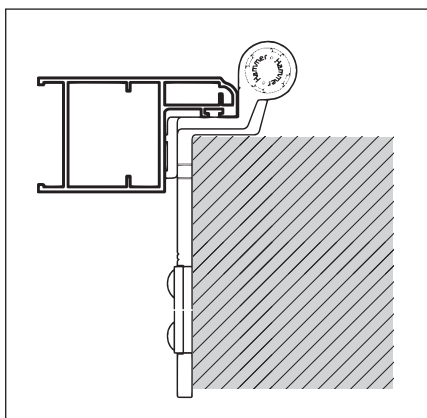


BANDELLE CON FISSAGGIO A SCOMPARSA H2S

H2S HIDDEN HINGE
SYSTEM

CHARNIÈRES INVISIBLES
H2S SYSTÈME





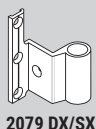
SX

Bandella H2S per cardine 2126
Flap hinge for 2126 pivot - H2S system

Noeud charnière pour gond réf. 2126 - Système H2S

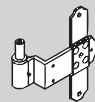


Per cardine da interno
For internal pivot
Pour gond d'intérieur



2079 DX/SX

+



2126
Pag. 103



FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir



Alluminio
Aluminium

Grezzo
Raw · Brut



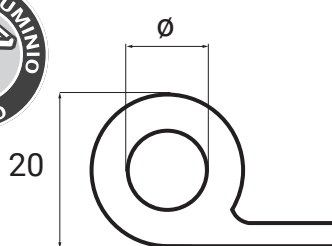
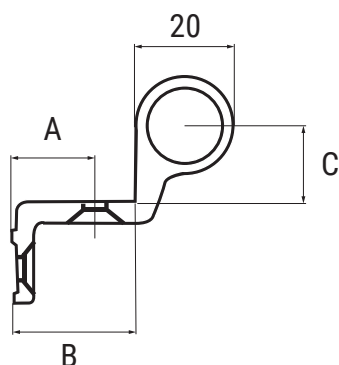
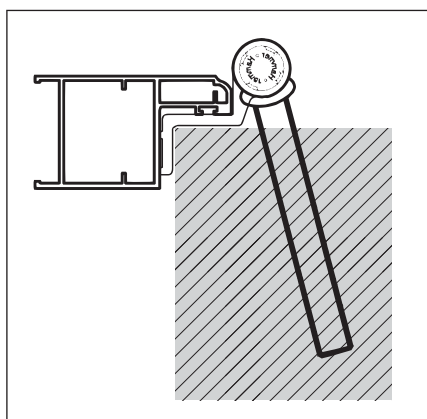
Altri RAL
Other RAL
Autre RAL

Su richiesta con:
On request with:
Sur demande avec:



Servizio colore
Colour service
Service couleur

CODICE	A	B	C		NOTE · NOTES
2079 DX	17	25,5	26	20 pz	DX = Destro · Right · Droite
2079 SX	17	25,5	26	20 pz	SX = Sinistro · Left · Gauche

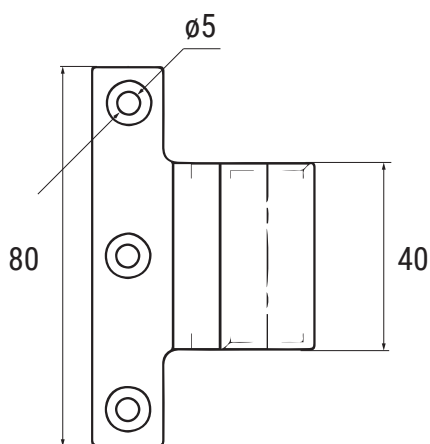


Ø = 9-10-11-12-14 mm



Con boccole di adattamento Hammer
With adaptation bushings Hammer
Avec manchons Hammer

pag. 170



Bandella ambidestra H2S

Flap hinge right/left side,
H2S system

Noeud charnière ambidextre,
système H2S



FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir



Alluminio
Aluminium

Grezzo
Raw · Brut



Altri RAL
Other RAL
Autre RAL

Su richiesta con:
On request with:
Sur demande avec:



Servizio colore
Colour service
Service couleur

CODICE	A	B	C		NOTE · NOTES
2080	17	25,5	16	20 pz	
2080.095	9,5	25,5	16	20 pz	
2080.120	12	25,5	16	20 pz	
2080.981	11,5	23	16	20 pz	
2087F	12	25,5	26	20 pz	
2085	15	25,5	45	20 pz	
2089F	9,5	25,5	62	20 pz	



2 CERNIERE · HINGES · PAUMELLES - 40 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	
2200	●	●	●	●	●	●	●	●	●	●	●	●	39	
2100	●	●	●	●	●	●	●	●	●	●	●	39	37	
2000	●	●	●	●	●	●	●	●	●	●	●	37	35	
1900	●	●	●	●	●	●	●	●	●	●	●	37	35	33
1800	●	●	●	●	●	●	●	●	●	●	38	35	33	30
1700	●	●	●	●	●	●	●	●	●	38	35	33	30	25
1600	●	●	●	●	●	●	●	38	35	32	29	24	20	
1500	●	●	●	●	●	●	39	36	33	29	24	20	16	
1400	●	●	●	●	●	●	37	33	30	25	20	16	13	
1300	●	●	●	●	●	38	34	31	25	20	16	12	X	
1200	●	●	●	●	39	35	31	26	20	15	11	X	X	
1100	●	●	●	●	36	32	26	20	15	11	X	X	X	
1000	●	●	●	37	33	27	20	15	10	X	X	X	X	
900	●	●	39	34	28	20	14	X	X	X	X	X	X	
800	●	●	35	29	20	13	X	X	X	X	X	X	X	
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
					(800)	(900)	(1000)	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

3 CERNIERE · HINGES · PAUMELLES - 45 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	
2400	●	●	●	●	●	●	●	●	●	●	●	●	43	
2300	●	●	●	●	●	●	●	●	●	●	●	44	41	
2200	●	●	●	●	●	●	●	●	●	●	●	42	39	
2100	●	●	●	●	●	●	●	●	●	●	42	39	37	
2000	●	●	●	●	●	●	●	●	43	40	37	35	33	
1900	●	●	●	●	●	●	●	●	44	40	37	35	33	
1800	●	●	●	●	●	●	●	●	41	38	35	33	30	
1700	●	●	●	●	●	●	●	41	38	35	33	30	25	
1600	●	●	●	●	●	42	38	35	32	29	24	20	20	
1500	●	●	●	●	44	39	36	33	29	24	20	16	16	
1400	●	●	●	●	41	37	33	30	25	20	16	13	13	
1300	●	●	●	43	38	34	31	25	20	16	12	X	X	
1200	●	●	●	39	35	31	26	20	15	11	X	X	X	
1100	●	●	41	36	32	26	20	15	11	X	X	X	X	
1000	●	44	37	33	27	20	15	10	X	X	X	X	X	
900	●	39	34	28	20	14	X	X	X	X	X	X	X	
800	●	42	35	29	20	13	X	X	X	X	X	X	X	
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
					(800)	(900)	(1000)	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

4 CERNIERE · HINGES · PAUMELLES - 50 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	
2600	●	●	●	●	●	●	●	●	●	●	●	●	48	
2500	●	●	●	●	●	●	●	●	●	●	●	49	45	
2400	●	●	●	●	●	●	●	●	●	●	●	46	43	
2300	●	●	●	●	●	●	●	●	●	47	44	41	41	
2200	●	●	●	●	●	●	●	●	48	45	42	39	37	
2100	●	●	●	●	●	●	●	49	46	42	39	37	37	
2000	●	●	●	●	●	●	●	46	43	40	37	35	33	
1900	●	●	●	●	●	●	48	44	40	37	35	33	33	
1800	●	●	●	●	●	49	45	41	38	35	33	30	30	
1700	●	●	●	●	46	41	38	35	33	30	25	25	25	
1600	●	●	●	47	42	38	35	32	29	24	20	20	20	
1500	●	●	49	44	39	36	33	29	24	20	16	16	16	
1400	●	●	46	41	37	33	30	25	20	16	13	13	13	
1300	●	49	43	38	34	31	25	20	16	12	X	X	X	
1200	●	45	39	35	31	26	20	15	11	X	X	X	X	
1100	●	48	41	36	32	26	20	15	11	X	X	X	X	
1000	●	44	37	33	27	20	15	10	X	X	X	X	X	
900	●	47	39	34	28	20	14	X	X	X	X	X	X	
800	●	42	35	29	20	13	X	X	X	X	X	X	X	
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
					(800)	(900)	(1000)	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

ANTA SINGOLA / (ANTA DOPPIA)
SINGLE SASH / (DOUBLE SASH)
BATTANT SIMPLE / (BATTANT DOUBLE)

● PESO MAX IN BASE AL NUMERO DELLE CERNIERE
MAX WEIGHT BASED ON NUMBER OF HINGES
POIDS MAX EN FONCTION DU NOMBRE DE CHARNIÈRES

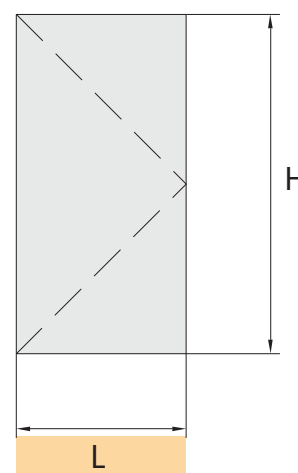
30 PESO MAX DELL'ANTA
MAX SASH WEIGHT · POIDS MAX DU BATTANT

X NON ESEGUIBILE
NOT EXECUTABLE · NON EXÉCUTABLE

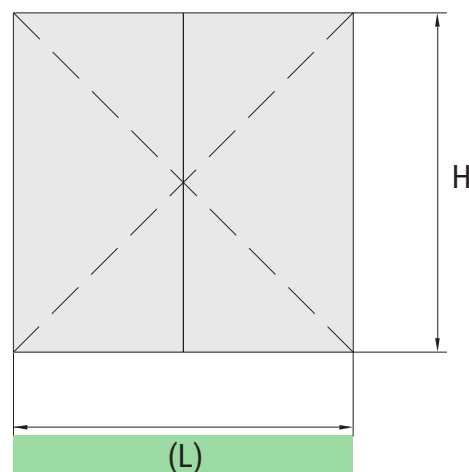
L LARGHEZZA ANTA SINGOLA
SINGLE SASH WIDTH · LARGEUR DU BATTANT SIMPLE

(L) LARGHEZZA ANTA DOPPIA
DOUBLE SASH WIDTH · LARGEUR DU BATTANT DOUBLE

SCHEMA ANTA SINGOLA
SINGLE SASH DIAGRAM · DIAGRAMME POUR BATTANT SIMPLE



SCHEMA ANTA DOPPIA
DOUBLE SASH DIAGRAM · DIAGRAMME POUR BATTANT DOUBLE





2 CERNIERE · HINGES · PAUMELLES · 30 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	29
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27 25
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27 25 23
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27 25 23 22
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27 25 23 22 20
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	27 25 23 22 20 19
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	28 25 23 22 20 19 18
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	29 26 24 22 20 18 17 16
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	26 24 22 20 18 17 16 15
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	27 24 22 20 18 17 15 14 13
900	●	●	●	●	●	●	●	●	●	●	●	●	●	28 24 22 19 18 16 15 14 13 X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	29 25 22 19 17 16 14 13 10 X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
					(800)	(900)	(1000)							(L)

3 CERNIERE · HINGES · PAUMELLES · 35 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	34
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	34 32
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	32 30
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	33 31 29
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	33 31 29 27
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	34 31 29 27 25
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	34 31 29 27 25 23
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	32 29 27 25 23 22
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	32 29 27 25 23 22 20
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	34 30 27 25 23 22 20 19
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	31 28 25 23 22 20 19 18
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	32 29 26 24 22 20 18 17 16
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	34 30 26 24 22 20 18 17 16 15
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	31 27 24 22 20 18 17 15 14 13
900	●	●	●	●	●	●	●	●	●	●	●	●	●	32 28 24 22 19 18 16 15 14 13 X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	34 29 25 22 19 17 16 14 13 10 X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
					(800)	(900)	(1000)							(L)

4 CERNIERE · HINGES · PAUMELLES · 40 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	39
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	37
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	38 36
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	39 36 34
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	37 34 32
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	37 35 32 30
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	38 35 33 31 29
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	39 36 33 31 29 27
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	37 34 31 29 27 25
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	38 34 31 29 27 25 23
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	39 35 32 29 27 25 23 22
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	36 32 29 27 25 23 22 20
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	38 34 30 27 25 23 22 20 19
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	35 31 28 25 23 22 20 19 18
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	37 32 29 26 24 22 20 18 17 16
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	34 30 26 24 22 20 18 17 16 15
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	36 31 27 24 22 20 18 17 15 14 13
900	●	●	●	●	●	●	●	●	●	●	●	●	●	39 32 28 24 22 19 18 16 15 14 13 X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	34 29 25 22 19 17 16 14 13 10 X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
					(800)	(900)	(1000)							(L)

ANTA SINGOLA / (ANTA DOPPIA)
SINGLE SASH / (DOUBLE SASH)
BATTANT SIMPLE / (BATTANT DOUBLE)

● PESO MAX IN BASE AL NUMERO DELLE CERNIERE
MAX WEIGHT BASED ON NUMBER OF HINGES
POIDS MAX EN FONCTION DU NOMBRE DE CHARNIÈRES

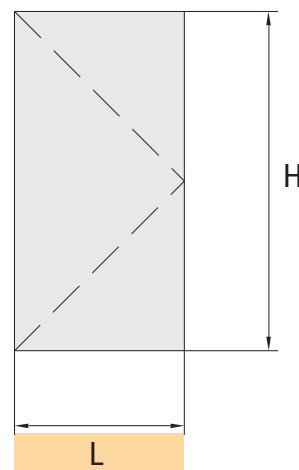
30 PESO MAX DELL'ANTA
MAX SASH WEIGHT · POIDS MAX DU BATTANT

X NON ESEGUIBILE
NOT EXECUTABLE · NON EXÉCUTABLE

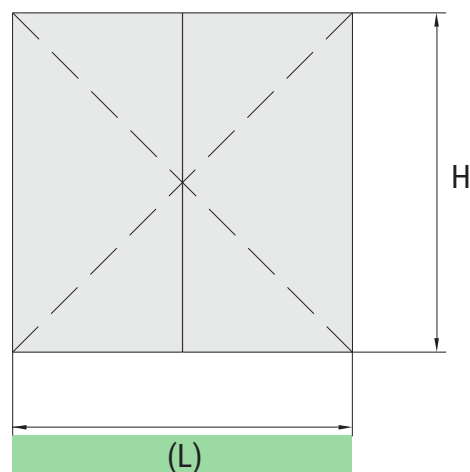
L LARGHEZZA ANTA SINGOLA
SINGLE SASH WIDTH · LARGEUR DU BATTANT SIMPLE

(L) LARGHEZZA ANTA DOPPIA
DOUBLE SASH WIDTH · LARGEUR DU BATTANT DOUBLE

SCHEMA ANTA SINGOLA
SINGLE SASH DIAGRAM · DIAGRAMME POUR BATTANT SIMPLE



SCHEMA ANTA DOPPIA
DOUBLE SASH DIAGRAM · DIAGRAMME POUR BATTANT DOUBLE





2 CERNIERE · HINGES · PAUMELLES - 20 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	19
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	18
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	19 17
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	19 17 16
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	19 18 16 15
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	19 18 16 15 14
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	19 18 16 15 14 13
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	18 17 15 14 13 12
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	18 17 15 14 13 12 12
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	19 17 16 14 13 12 11 11
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	18 16 15 13 12 11 11 10
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	18 16 15 13 12 11 11 X X
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	19 17 15 14 12 11 10 X X X
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	18 15 14 12 11 10 X X X X
900	●	●	●	●	●	●	●	●	●	●	●	●	●	18 16 14 12 11 10 X X X X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	16 14 12 11 X X X X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L

3 CERNIERE · HINGES · PAUMELLES - 25 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	24
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	23
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	24 22
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	24 23 21
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	23 22 20
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	24 22 21 19
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	23 21 20 18
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	23 21 20 19 17
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	24 22 20 19 17 16
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	22 21 19 18 16 15
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	23 21 19 18 16 15 14
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	24 21 19 18 16 15 14 13
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	22 20 18 17 15 14 13 12
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	23 21 18 17 15 14 13 12 12
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	22 19 17 16 14 13 12 11 11
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	23 20 18 16 15 13 12 11 11 10
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	21 18 16 15 13 12 11 11 X X
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	23 19 17 15 14 12 11 10 X X X
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	21 18 15 14 12 11 10 X X X X
900	●	●	●	●	●	●	●	●	●	●	●	●	●	22 18 16 14 12 11 10 X X X X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	20 16 14 12 11 X X X X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L

4 CERNIERE · HINGES · PAUMELLES - 30 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	28 26 24
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27 25 23
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	28 26 24 22
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	29 26 24 23 21
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	27 25 23 22 20
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	28 26 24 22 21 19
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27 25 23 21 20 18
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	28 25 23 21 20 19 17
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	29 26 24 22 20 19 17 16
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	27 25 22 21 19 18 16 15
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	29 26 23 21 19 18 16 15 14
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	27 24 21 19 18 16 15 14 13
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	28 25 22 20 18 17 15 14 13 12
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	26 23 21 18 17 15 14 13 12 12
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	29 25 22 19 17 16 14 13 12 11 11
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	27 23 20 18 16 15 13 12 11 11 10
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	25 21 18 16 15 13 12 11 11 X X
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	27 23 19 17 15 14 12 11 10 X X X
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	25 21 18 15 14 12 11 10 X X X X
900	●	●	●	●	●	●	●	●	●	●	●	●	●	28 22 18 16 14 12 11 10 X X X X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	25 20 16 14 12 11 X X X X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L

**ANTA SINGOLA / (ANTA DOPPIA)
SINGLE SASH / (DOUBLE SASH)
BATTANT SIMPLE / (BATTANT DOUBLE)**

● PESO MAX IN BASE AL NUMERO DELLE CERNIERE
MAX WEIGHT BASED ON NUMBER OF HINGES
POIDS MAX EN FONCTION DU NOMBRE DE CHARNIÈRES

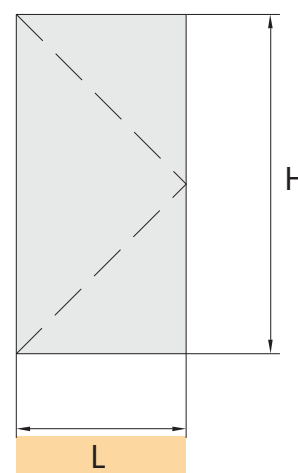
30 PESO MAX DELL'ANTA
MAX SASH WEIGHT · POIDS MAX DU BATTANT

X NON ESEGUIBILE
NOT EXECUTABLE · NON EXÉCUTABLE

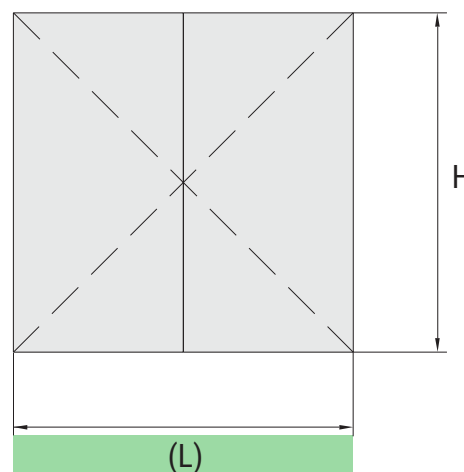
L LARGHEZZA ANTA SINGOLA
SINGLE SASH WIDTH · LARGEUR DU BATTANT SIMPLE

(L) LARGHEZZA ANTA DOPPIA
DOUBLE SASH WIDTH · LARGEUR DU BATTANT DOUBLE

SCHEMA ANTA SINGOLA
SINGLE SASH DIAGRAM · DIAGRAMME POUR BATTANT SIMPLE



SCHEMA ANTA DOPPIA
DOUBLE SASH DIAGRAM · DIAGRAMME POUR BATTANT DOUBLE





2 CERNIERE · HINGES · PAUMELLES · 20 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	●
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	19
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	19 18
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	19 18 17
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	19 18 17 16
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	19 18 17 15 14
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	18 17 15 14 13
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	18 17 15 14 13 13
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	18 17 15 14 13 12 12
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	19 17 15 14 13 12 11 11
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	19 17 15 14 13 12 11 10 X
900	●	●	●	●	●	●	●	●	●	●	●	●	●	17 15 14 13 12 11 X X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	18 15 14 12 11 10 X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
					(800)	(900)	(1000)	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

3 CERNIERE · HINGES · PAUMELLES · 25 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	24
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	23
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	23 22
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	23 22 21
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	24 22 21 19
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	24 22 21 19 18
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	24 22 21 19 18 17
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	23 21 19 18 17 16
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	23 21 19 18 17 15 14
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	24 22 20 18 17 15 14 13
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	22 20 18 17 15 14 13 13
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	23 21 18 17 15 14 13 12 12
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	24 21 19 17 15 14 13 12 11 11
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	22 19 17 15 14 13 12 11 10 X
900	●	●	●	●	●	●	●	●	●	●	●	●	●	23 20 17 15 14 13 12 11 X X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	21 18 15 14 12 11 10 X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
					(800)	(900)	(1000)	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

4 CERNIERE · HINGES · PAUMELLES · 30 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	29
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	28
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27 26
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	28 26 24
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	28 26 25 23
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27 25 23 22
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	27 25 23 22 21
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	28 26 24 22 21 19
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	29 26 24 22 21 19 18
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	27 24 22 21 19 18 17
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	28 25 23 21 19 18 17 16
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	29 26 23 21 19 18 17 15 14
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	27 24 22 20 18 17 15 14 13
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	29 25 22 20 18 17 15 14 13 13
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	26 23 21 18 17 15 14 13 12 12
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	28 24 21 19 17 15 14 13 12 11 11
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	26 22 19 17 15 14 13 12 11 10 X
900	●	●	●	●	●	●	●	●	●	●	●	●	●	28 23 20 17 15 14 13 12 11 X X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	25 21 18 15 14 12 11 10 X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
					(800)	(900)	(1000)	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

ANTA SINGOLA / (ANTA DOPPIA)
SINGLE SASH / (DOUBLE SASH)
BATTANT SIMPLE / (BATTANT DOUBLE)

● PESO MAX IN BASE AL NUMERO DELLE CERNIERE
MAX WEIGHT BASED ON NUMBER OF HINGES
POIDS MAX EN FONCTION DU NOMBRE DE CHARNIÈRES

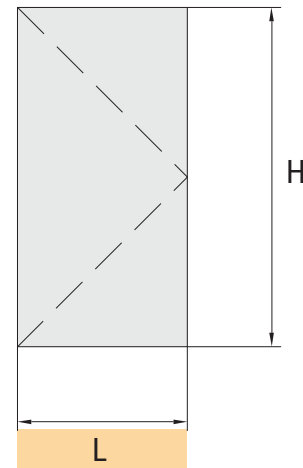
30 PESO MAX DELL'ANTA
MAX SASH WEIGHT · POIDS MAX DU BATTANT

X NON ESEGUIBILE
NOT EXECUTABLE · NON EXÉCUTABLE

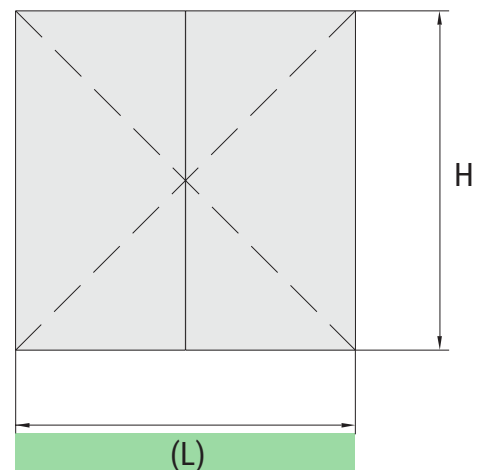
L LARGHEZZA ANTA SINGOLA
SINGLE SASH WIDTH · LARGEUR DU BATTANT SIMPLE

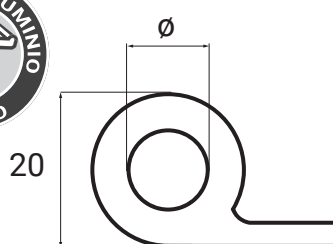
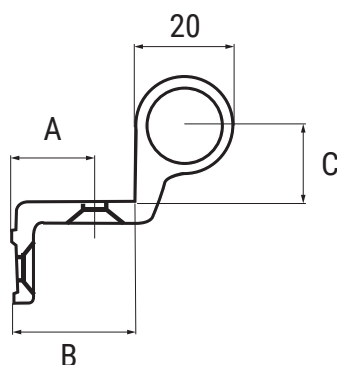
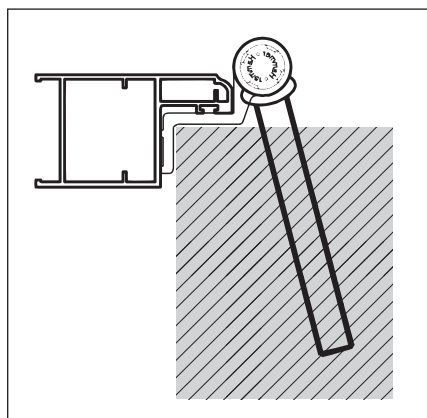
(L) LARGHEZZA ANTA DOPPIA
DOUBLE SASH WIDTH · LARGEUR DU BATTANT DOUBLE

SCHEMA ANTA SINGOLA
SINGLE SASH DIAGRAM · DIAGRAMME POUR BATTANT SIMPLE



SCHEMA ANTA DOPPIA
DOUBLE SASH DIAGRAM · DIAGRAMME POUR BATTANT DOUBLE

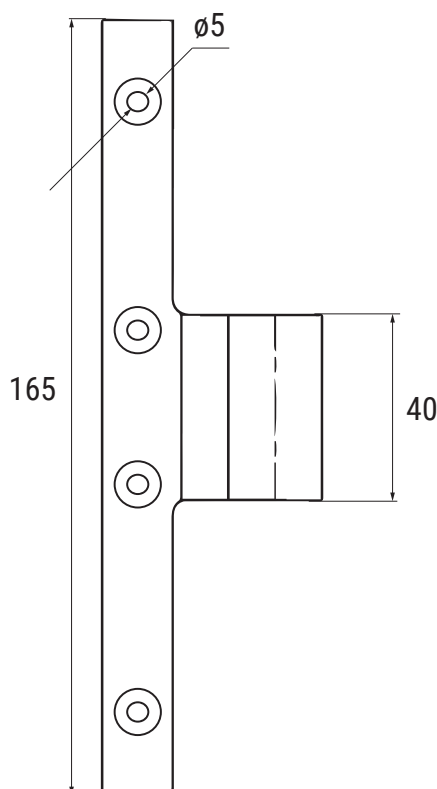




Ø = 9-10-11-12-14 mm

Con boccole di adattamento Hammer
With adaptation bushings Hammer
Avec manchons Hammer

pag. 170



Bandella ambidestra H2S


Flap hinge right/left side,
H2S system


Noeud charnière ambidextre,
système H2S




FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre


 RAL 9005 Nero opaco
Black · Noir

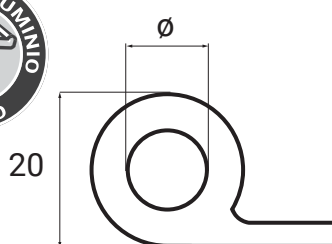
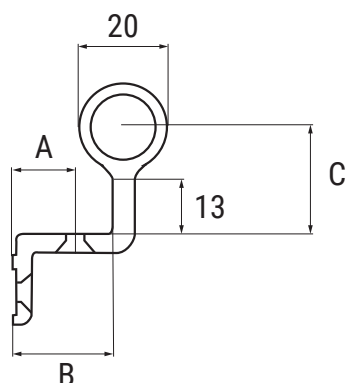
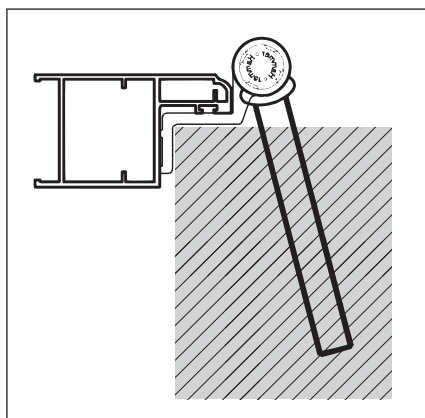
 Alluminio Grezzo
Aluminium Raw · Brut

 Altri RAL Su richiesta con:
Other RAL On request with:
Autre RAL Sur demande avec:



Servizio colore
Colour service
Service couleur

CODICE	A	B	C		NOTE · NOTES
2081	17	25,5	26	20 pz	

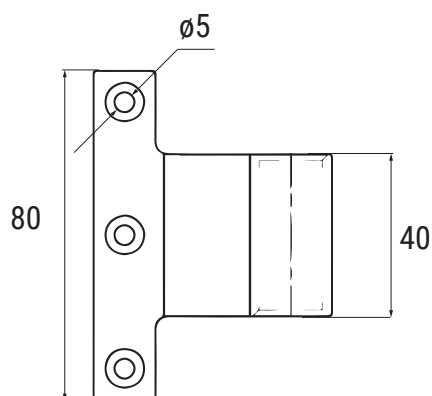


Ø = 9-10-11-12-14 mm



Con boccole di adattamento Hammer
With adaptation bushings Hammer
Avec manchons Hammer

pag. 170



Bandella con occhiolo centrale ambidestra H2S

Flap hinge right/left side, H2S system

Noeud charnière ambidextre, système H2S



FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir



Alluminio
Aluminium

Grezzo
Raw · Brut



Altri RAL
Other RAL
Autre RAL

Su richiesta con:
On request with:
Sur demande avec:



Servizio colore
Colour service
Service couleur

CODICE	A	B	C		NOTE · NOTES
2082	15	25,5	26	20 pz	



2 CERNIERE · HINGES · PAUMELLES - 30 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	29
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27 25
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27 25 23
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27 25 23 22
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27 25 23 22 20
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	27 25 23 22 20 19
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	28 25 23 22 20 19 18
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	29 26 24 22 20 18 17 14
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	26 24 22 20 18 16 13 10
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	27 24 22 20 18 15 12 X X
900	●	●	●	●	●	●	●	●	●	●	●	●	●	28 24 22 19 18 14 11 X X X
800	●	●	29	25	22	19	17	13	X	X	X	X	X	28 24 22 19 17 13 X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
					(800)	(900)	(1000)	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

3 CERNIERE · HINGES · PAUMELLES - 35 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	34
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	34 32
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	32 30
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	33 31 29
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	33 31 29 27
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	34 31 29 27 25
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	34 31 29 27 25 23
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	32 29 27 25 23 22
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	32 29 27 25 23 22 20
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	34 30 27 25 23 22 20 19
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	31 28 25 23 22 20 19 18
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	32 29 26 24 22 20 18 17 14
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	34 30 26 24 22 20 18 16 13 10
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	31 27 24 22 20 18 15 12 X X
900	●	●	32	28	24	22	19	18	14	11	X	X	X	32 28 24 22 19 18 14 11 X X X
800	●	34	29	25	22	19	17	13	X	X	X	X	X	34 29 25 22 19 17 13 X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
					(800)	(900)	(1000)	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

4 CERNIERE · HINGES · PAUMELLES - 40 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	39
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	37
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	38 36
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	39 36 34
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	37 34 32
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	37 35 32 30
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	38 35 33 31 29
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	39 36 33 31 29 27
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	37 34 31 29 27 25
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	38 34 31 29 27 25 23
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	39 35 32 29 27 25 23 22
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	36 32 29 27 25 23 22 20
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	38 34 30 27 25 23 22 20 19
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	35 31 28 25 23 22 20 19 18
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	37 32 29 26 24 22 20 18 17 14
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	34 30 26 24 22 20 18 16 13 10
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	36 31 27 24 22 20 18 15 12 X X
900	●	39	32	28	24	22	19	18	14	11	X	X	X	39 32 28 24 22 19 18 14 11 X X X
800	●	34	29	25	22	19	17	13	X	X	X	X	X	34 29 25 22 19 17 13 X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
					(800)	(900)	(1000)	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

ANTA SINGOLA / (ANTA DOPPIA)
SINGLE SASH / (DOUBLE SASH)
BATTANT SIMPLE / (BATTANT DOUBLE)

● PESO MAX IN BASE AL NUMERO DELLE CERNIERE
MAX WEIGHT BASED ON NUMBER OF HINGES
POIDS MAX EN FONCTION DU NOMBRE DE CHARNIÈRES

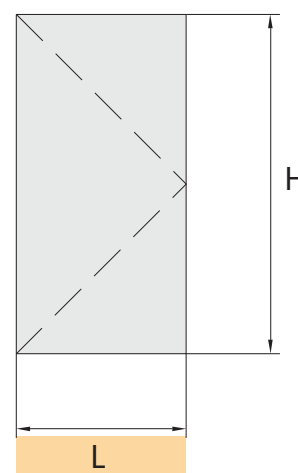
30 PESO MAX DELL'ANTA
MAX SASH WEIGHT · POIDS MAX DU BATTANT

X NON ESEGUIBILE
NOT EXECUTABLE · NON EXÉCUTABLE

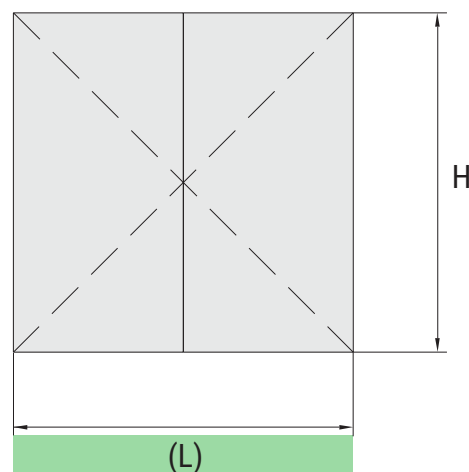
L LARGHEZZA ANTA SINGOLA
SINGLE SASH WIDTH · LARGEUR DU BATTANT SIMPLE

(L) LARGHEZZA ANTA DOPPIA
DOUBLE SASH WIDTH · LARGEUR DU BATTANT DOUBLE

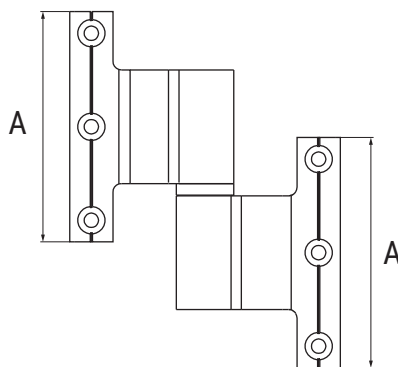
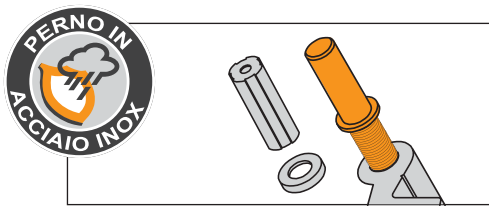
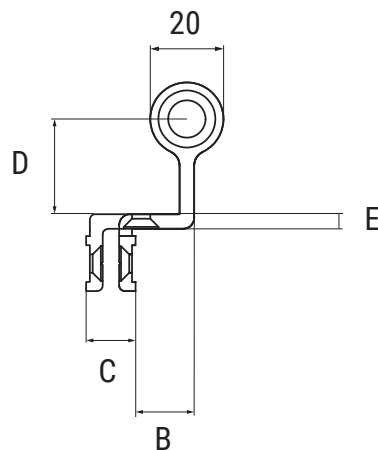
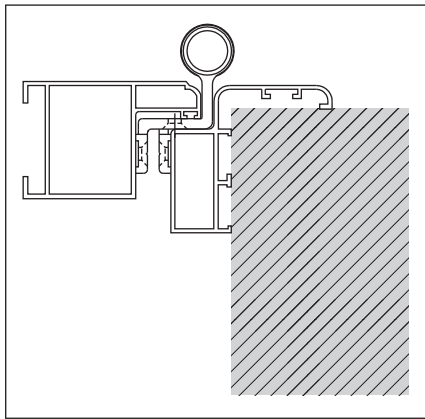
SCHEMA ANTA SINGOLA
SINGLE SASH DIAGRAM · DIAGRAMME POUR BATTANT SIMPLE



SCHEMA ANTA DOPPIA
DOUBLE SASH DIAGRAM · DIAGRAMME POUR BATTANT DOUBLE







Bandella ambidestra H2S, perno inox

Hinge right/left side, stainless steel pin, H2S system

Charnière ambidextre avec pivot en acier inox, système H2S



FINITURA FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir



Alluminio
Aluminium

Grezzo
Raw · Brut



Altri RAL
Other RAL
Autre RAL

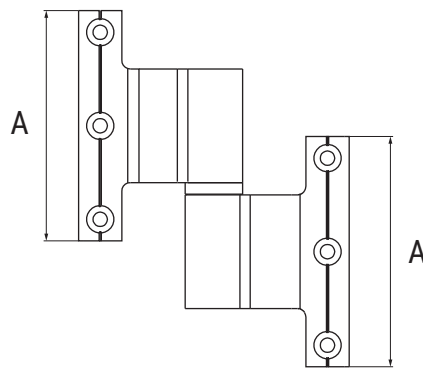
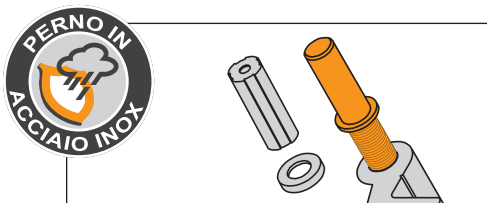
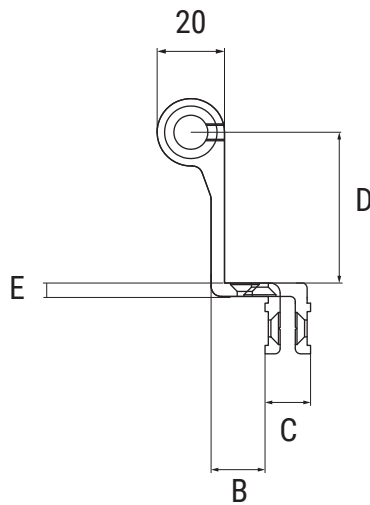
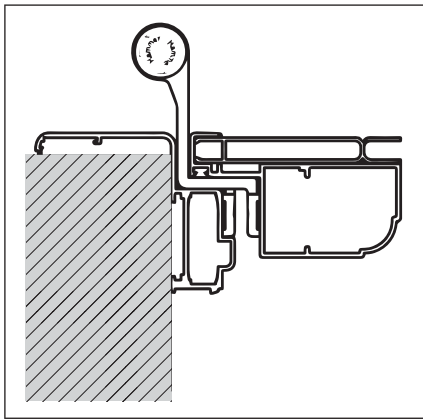
Su richiesta con:
On request with:
Sur demande avec:



Servizio colore
Colour service
Service couleur

T.D.

CODICE	A	B	C	D	E		NOTE · NOTES
2084	80	16	13,5	26	4	20 pz	
2084Z	80	16	13,5	26	4	20 pz	Perno zincato · Zinc steel pin
2084D	40	16	11	24	5,8	20 pz	
2084K	40	20	10	26	4	20 pz	



Bandella ambidestra H2S

Hinge right/left side,
H2S system

Charnière ambidextre, système
H2S

FINITURA FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre

■ RAL 9005 Nero opaco
Black · Noir

■ Alluminio Grezzo
Aluminium Raw · Brut

■ Altri RAL Su richiesta con:
Other RAL On request with:
Autre RAL Sur demande avec:



Servizio colore
Colour service
Service couleur



CODICE	A	B	C	D	E		NOTE · NOTES
2086	80	16	13,5	45	4	20 pz	Registr. · Adjust. · Réglable
2087	80	18	11,5	26	4	20 pz	
2087Z	80	18	11,5	26	4	20 pz	Perno zincato · Zinc steel pin
2088	80	16	13,5	26	4,6	20 pz	
2088Z	80	16	13,5	26	4,6	20 pz	Perno zincato · Zinc steel pin
2089	80	17	13,5	62	4,6	10 pz	
2089Z	80	17	13,5	62	4,6	20 pz	Perno zincato · Zinc steel pin



2 CERNIERE · HINGES · PAUMELLES - 20 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	18
2200	●	●	●	●	●	●	●	●	●	●	●	18	16	16
2100	●	●	●	●	●	●	●	●	●	●	19	16	14	14
2000	●	●	●	●	●	●	●	●	●	19	17	14	12	
1900	●	●	●	●	●	●	●	●	17	15	12	10		
1800	●	●	●	●	●	●	●	18	15	13	10	X		
1700	●	●	●	●	●	●	19	16	13	11	X	X		
1600	●	●	●	●	●	16	13	11	X	X	X	X		
1500	●	●	●	●	17	14	11	X	X	X	X	X		
1400	●	●	●	●	18	14	11	X	X	X	X	X		
1300	●	●	●	●	16	12	X	X	X	X	X	X		
1200	●	●	●	17	13	X	X	X	X	X	X	X		
1100	●	●	19	14	10	X	X	X	X	X	X	X		
1000	●	●	15	11	X	X	X	X	X	X	X	X		
900	●	●	17	12	X	X	X	X	X	X	X	X		
800	●	19	13	X	X	X	X	X	X	X	X	X		
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L

3 CERNIERE · HINGES · PAUMELLES - 25 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	24	24
2700	●	●	●	●	●	●	●	●	●	●	●	●	23	23
2600	●	●	●	●	●	●	●	●	●	●	●	23	22	22
2500	●	●	●	●	●	●	●	●	●	●	24	22	21	21
2400	●	●	●	●	●	●	●	●	●	23	22	20	18	
2300	●	●	●	●	●	●	●	24	22	21	18	16	16	
2200	●	●	●	●	●	●	●	23	21	19	17	14	12	
2100	●	●	●	●	●	24	21	19	16	13	11	X	X	
2000	●	●	●	●	22	20	16	13	11	X	X	X		
1900	●	●	●	23	21	17	14	11	X	X	X	X		
1800	●	●	●	22	18	14	11	X	X	X	X	X		
1700	●	●	●	23	20	16	12	X	X	X	X	X		
1600	●	●	23	20	16	12	X	X	X	X	X	X		
1500	●	●	21	17	13	X	X	X	X	X	X	X		
1400	●	●	23	19	14	10	X	X	X	X	X	X		
1300	●	●	21	15	11	X	X	X	X	X	X	X		
1200	●	22	17	12	X	X	X	X	X	X	X	X		
1100	●	19	13	X	X	X	X	X	X	X	X	X		
1000	●	19	13	X	X	X	X	X	X	X	X	X		
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L

4 CERNIERE · HINGES · PAUMELLES - 30 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	27	26	24			
2700	●	●	●	●	●	●	●	28	26	25	23			
2600	●	●	●	●	●	●	29	27	25	23	22			
2500	●	●	●	●	●	●	28	26	24	22	21			
2400	●	●	●	●	●	●	29	27	25	23	21	20		
2300	●	●	●	●	●	●	28	25	23	22	20	18		
2200	●	●	●	●	●	29	26	24	22	21	18	16		
2100	●	●	●	●	27	25	23	21	19	16	14			
2000	●	●	●	●	28	26	23	21	19	17	14	12		
1900	●	●	●	●	27	24	22	20	17	15	12	10		
1800	●	●	●	●	28	25	23	21	18	15	13	10	X	
1700	●	●	●	●	27	24	21	19	16	13	11	X	X	
1600	●	●	●	28	25	22	20	16	13	11	X	X	X	
1500	●	●	26	23	21	17	14	11	X	X	X	X		
1400	●	●	29	25	22	18	14	11	X	X	X	X		
1300	●	●	27	23	20	16	12	X	X	X	X	X		
1200	●	●	25	21	17	13	X	X	X	X	X	X		
1100	●	27	23	19	14	10	X	X	X	X	X	X		
1000	●	25	21	15	11	X	X	X	X	X	X	X		
900	28	22	17	12	X	X	X	X	X	X	X	X		
800	25	19	13	X	X	X	X	X	X	X	X	X		
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L

ANTA SINGOLA / (ANTA DOPPIA)
SINGLE SASH / (DOUBLE SASH)
BATTANT SIMPLE / (BATTANT DOUBLE)

● PESO MAX IN BASE AL NUMERO DELLE CERNIERE
MAX WEIGHT BASED ON NUMBER OF HINGES
POIDS MAX EN FONCTION DU NOMBRE DE CHARNIÈRES

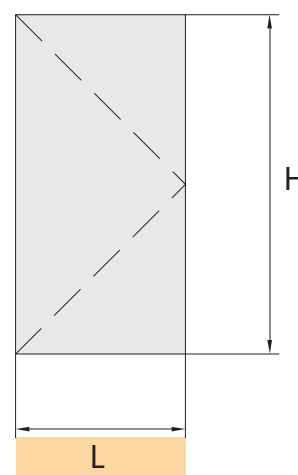
30 PESO MAX DELL'ANTA
MAX SASH WEIGHT · POIDS MAX DU BATTANT

X NON ESEGUIBILE
NOT EXECUTABLE · NON EXÉCUTABLE

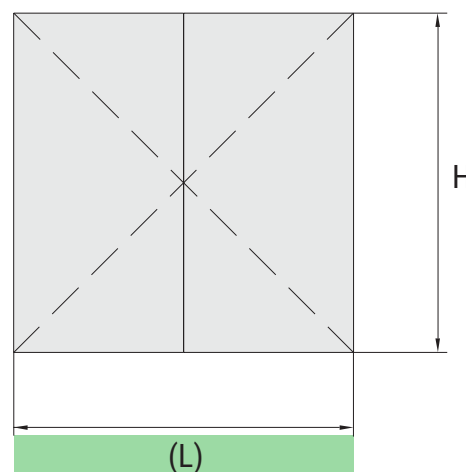
L LARGHEZZA ANTA SINGOLA
SINGLE SASH WIDTH · LARGEUR DU BATTANT SIMPLE

(L) LARGHEZZA ANTA DOPPIA
DOUBLE SASH WIDTH · LARGEUR DU BATTANT DOUBLE

SCHEMA ANTA SINGOLA
SINGLE SASH DIAGRAM · DIAGRAMME POUR BATTANT SIMPLE



SCHEMA ANTA DOPPIA
DOUBLE SASH DIAGRAM · DIAGRAMME POUR BATTANT DOUBLE





2 CERNIERE · HINGES · PAUMELLES - 35 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L (L)
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	33
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	33 29
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	33 28 24
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	33 28 24 20
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	33 28 23 20 16
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	34 29 24 19 16 13
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	30 24 20 16 12 X
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	31 25 20 16 12 X X
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	33 26 20 16 12 X X X
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	27 21 16 12 X X X X
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	29 21 16 11 X X X X X
900	●	●	●	●	●	●	●	●	●	●	●	●	●	22 16 11 X X X X X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	16 10 X X X X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L (L)

3 CERNIERE · HINGES · PAUMELLES - 40 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L (L)
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	37
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	37 33
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	38 33 29
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	38 33 28 24
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	39 33 28 24 20
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	39 33 28 23 20 16
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	34 29 24 19 16 13
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	36 30 24 20 16 12 X
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	38 31 25 20 16 12 X X
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	33 26 20 16 12 X X X
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	35 27 21 16 12 X X X X
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	38 29 21 16 11 X X X X X
900	●	●	●	●	●	●	●	●	●	●	●	●	●	30 22 16 11 X X X X X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	16 10 X X X X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L (L)

4 CERNIERE · HINGES · PAUMELLES - 45 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L (L)
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	41
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	42 37
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	42 37 33
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	43 38 33 29
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	44 38 33 28 24
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	39 33 28 24 20
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	39 33 28 23 20 16
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	41 34 29 24 19 16 13
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	44 36 30 24 20 16 12 X
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	38 31 25 20 16 12 X X
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	41 33 26 20 16 12 X X X
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	35 27 21 16 12 X X X X
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	38 29 21 16 11 X X X X X
900	●	●	●	●	●	●	●	●	●	●	●	●	●	41 30 22 16 11 X X X X X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	16 10 X X X X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L (L)

**ANTA SINGOLA / (ANTA DOPPIA)
SINGLE SASH / (DOUBLE SASH)
BATTANT SIMPLE / (BATTANT DOUBLE)**

● PESO MAX IN BASE AL NUMERO DELLE CERNIERE
MAX WEIGHT BASED ON NUMBER OF HINGES
POIDS MAX EN FONCTION DU NOMBRE DE CHARNIÈRES

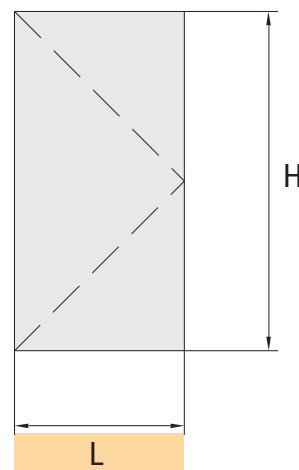
30 PESO MAX DELL'ANTA
MAX SASH WEIGHT · POIDS MAX DU BATTANT

X NON ESEGUIBILE
NOT EXECUTABLE · NON EXÉCUTABLE

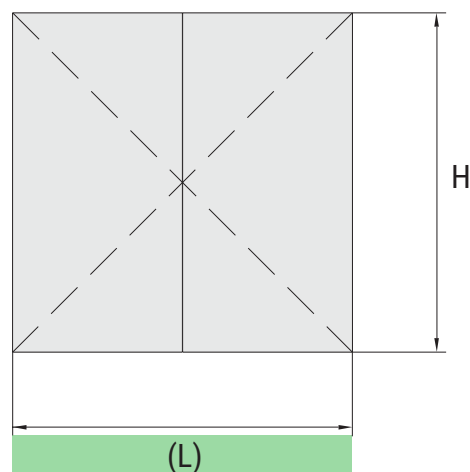
L LARGHEZZA ANTA SINGOLA
SINGLE SASH WIDTH · LARGEUR DU BATTANT SIMPLE

(L) LARGHEZZA ANTA DOPPIA
DOUBLE SASH WIDTH · LARGEUR DU BATTANT DOUBLE

**SCHEMA ANTA SINGOLA
SINGLE SASH DIAGRAM · DIAGRAMME POUR BATTANT SIMPLE**



**SCHEMA ANTA DOPPIA
DOUBLE SASH DIAGRAM · DIAGRAMME POUR BATTANT DOUBLE**





2 CERNIERE · HINGES · PAUMELLES - 40 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)
2800	●	●	●	●	●	●	●	●	●	39	33	28	24	
2700	●	●	●	●	●	●	●	●	●	36	30	26	21	
2600	●	●	●	●	●	●	●	●	●	38	32	27	23	19
2500	●	●	●	●	●	●	●	●	●	35	29	24	20	16
2400	●	●	●	●	●	●	●	●	●	38	31	26	21	17
2300	●	●	●	●	●	●	●	●	●	34	28	23	18	14
2200	●	●	●	●	●	●	●	●	●	37	30	24	19	15
2100	●	●	●	●	●	●	●	●	●	33	26	21	16	12
2000	●	●	●	●	●	●	●	●	●	37	29	23	17	13
1900	●	●	●	●	●	●	●	●	●	32	25	19	14	X
1800	●	●	●	●	●	●	●	●	●	36	27	20	15	10
1700	●	●	●	●	●	●	●	●	●	30	23	16	11	X
1600	●	●	●	●	●	●	●	●	●	34	25	18	12	X
1500	●	●	●	●	●	●	●	●	●	29	21	14	X	X
1400	●	●	●	●	●	●	●	●	●	35	25	17	10	X
1300	●	●	●	●	●	●	●	●	●	30	20	13	X	X
1200	●	●	●	●	●	●	●	●	●	38	25	15	X	X
1100	●	●	●	●	●	●	●	●	●	31	19	11	X	X
1000	●	●	●	●	●	●	●	●	●	25	14	X	X	X
900	●	●	●	●	●	●	●	●	●	33	18	X	X	X
800	●	●	●	●	●	●	●	●	●	25	12	X	X	X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

3 CERNIERE · HINGES · PAUMELLES - 45 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)
2800	●	●	●	●	●	●	●	●	●	39	33	28	24	
2700	●	●	●	●	●	●	●	●	●	42	36	30	26	21
2600	●	●	●	●	●	●	●	●	●	38	32	27	23	19
2500	●	●	●	●	●	●	●	●	●	42	35	29	24	20
2400	●	●	●	●	●	●	●	●	●	38	31	26	21	17
2300	●	●	●	●	●	●	●	●	●	41	34	28	23	18
2200	●	●	●	●	●	●	●	●	●	37	30	24	19	15
2100	●	●	●	●	●	●	●	●	●	41	33	26	21	16
2000	●	●	●	●	●	●	●	●	●	37	29	23	17	13
1900	●	●	●	●	●	●	●	●	●	41	32	25	19	14
1800	●	●	●	●	●	●	●	●	●	36	27	20	15	10
1700	●	●	●	●	●	●	●	●	●	40	30	23	16	11
1600	●	●	●	●	●	●	●	●	●	34	25	18	12	X
1500	●	●	●	●	●	●	●	●	●	41	29	21	14	X
1400	●	●	●	●	●	●	●	●	●	35	25	17	10	X
1300	●	●	●	●	●	●	●	●	●	44	30	20	13	X
1200	●	●	●	●	●	●	●	●	●	38	25	15	X	X
1100	●	●	●	●	●	●	●	●	●	31	19	11	X	X
1000	●	●	●	●	●	●	●	●	●	41	25	14	X	X
900	●	●	●	●	●	●	●	●	●	33	18	X	X	X
800	●	●	●	●	●	●	●	●	●	25	12	X	X	X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

4 CERNIERE · HINGES · PAUMELLES - 50 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)
2800	●	●	●	●	●	●	●	●	●	45	39	33	28	24
2700	●	●	●	●	●	●	●	●	●	49	42	36	30	26
2600	●	●	●	●	●	●	●	●	●	46	38	32	27	23
2500	●	●	●	●	●	●	●	●	●	42	35	29	24	20
2400	●	●	●	●	●	●	●	●	●	46	38	31	26	21
2300	●	●	●	●	●	●	●	●	●	41	34	28	23	18
2200	●	●	●	●	●	●	●	●	●	46	37	30	24	19
2100	●	●	●	●	●	●	●	●	●	41	33	26	21	16
2000	●	●	●	●	●	●	●	●	●	46	37	29	23	17
1900	●	●	●	●	●	●	●	●	●	41	32	25	19	14
1800	●	●	●	●	●	●	●	●	●	46	36	27	20	15
1700	●	●	●	●	●	●	●	●	●	40	30	23	16	11
1600	●	●	●	●	●	●	●	●	●	47	34	25	18	12
1500	●	●	●	●	●	●	●	●	●	41	29	21	14	X
1400	●	●	●	●	●	●	●	●	●	35	25	17	10	X
1300	●	●	●	●	●	●	●	●	●	44	30	20	13	X
1200	●	●	●	●	●	●	●	●	●	38	25	15	X	X
1100	●	●	●	●	●	●	●	●	●	49	31	19	11	X
1000	●	●	●	●	●	●	●	●	●	41	25	14	X	X
900	●	●	●	●	●	●	●	●	●	33	18	X	X	X
800	●	●	●	●	●	●	●	●	●	25	12	X	X	X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	(L)

ANTA SINGOLA / (ANTA DOPPIA)
SINGLE SASH / (DOUBLE SASH)
BATTANT SIMPLE / (BATTANT DOUBLE)

● PESO MAX IN BASE AL NUMERO DELLE CERNIERE
MAX WEIGHT BASED ON NUMBER OF HINGES
POIDS MAX EN FONCTION DU NOMBRE DE CHARNIÈRES

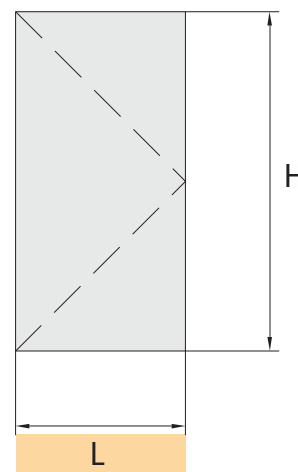
30 PESO MAX DELL'ANTA
MAX SASH WEIGHT · POIDS MAX DU BATTANT

X NON ESEGUIBILE
NOT EXECUTABLE · NON EXÉCUTABLE

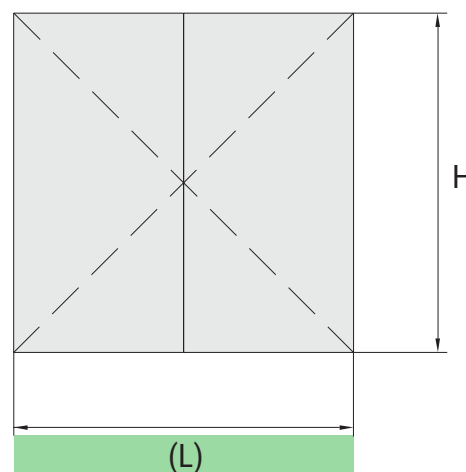
L LARGHEZZA ANTA SINGOLA
SINGLE SASH WIDTH · LARGEUR DU BATTANT SIMPLE

(L) LARGHEZZA ANTA DOPPIA
DOUBLE SASH WIDTH · LARGEUR DU BATTANT DOUBLE

SCHEMA ANTA SINGOLA
SINGLE SASH DIAGRAM · DIAGRAMME POUR BATTANT SIMPLE



SCHEMA ANTA DOPPIA
DOUBLE SASH DIAGRAM · DIAGRAMME POUR BATTANT DOUBLE





2 CERNIERE · HINGES · PAUMELLES - 20 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	●
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	19
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	17
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	18 16
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	19 16 14
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	17 14 12
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	17 15 12 10
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	18 15 13 11 X
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	19 16 13 11 X X
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	17 14 11 X X X
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	18 14 11 X X X X
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	19 15 12 X X X X X
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	16 12 X X X X X X
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	18 14 10 X X X X X X
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	15 11 X X X X X X X
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	12 X X X X X X X
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	14 X X X X X X X X
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	16 11 X X X X X X X X
900	●	●	●	●	●	●	●	●	●	●	●	●	●	19 12 X X X X X X X X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	14 X X X X X X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L

3 CERNIERE · HINGES · PAUMELLES - 25 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	23
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	24 21
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	22 19
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	23 20 17
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	24 21 18 16
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	22 19 16 14
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	23 20 17 14 12
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	24 21 17 15 12 10
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	22 18 15 13 11 X
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	23 19 16 13 11 X X
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	20 17 14 11 X X X
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	22 18 14 11 X X X X
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	23 19 15 12 X X X X X
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	20 16 12 X X X X X X
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	23 18 14 10 X X X X X X
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	20 15 11 X X X X X X X
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	23 17 12 X X X X X X X X
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	20 14 X X X X X X X X X
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	23 16 11 X X X X X X X X X
900	●	●	●	●	●	●	●	●	●	●	●	●	●	19 12 X X X X X X X X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	23 14 X X X X X X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L

4 CERNIERE · HINGES · PAUMELLES - 45 Kg

H	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L
2800	●	●	●	●	●	●	●	●	●	●	●	●	●	28 26 23
2700	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27 24 21
2600	●	●	●	●	●	●	●	●	●	●	●	●	●	28 25 22 19
2500	●	●	●	●	●	●	●	●	●	●	●	●	●	29 26 23 20 17
2400	●	●	●	●	●	●	●	●	●	●	●	●	●	27 24 21 18 16
2300	●	●	●	●	●	●	●	●	●	●	●	●	●	28 25 22 19 16 14
2200	●	●	●	●	●	●	●	●	●	●	●	●	●	29 27 23 20 17 14 12
2100	●	●	●	●	●	●	●	●	●	●	●	●	●	28 24 21 17 15 12 10
2000	●	●	●	●	●	●	●	●	●	●	●	●	●	29 26 22 18 15 13 11 X
1900	●	●	●	●	●	●	●	●	●	●	●	●	●	27 23 19 16 13 11 X X
1800	●	●	●	●	●	●	●	●	●	●	●	●	●	29 25 20 17 14 11 X X X
1700	●	●	●	●	●	●	●	●	●	●	●	●	●	27 22 18 14 11 X X X X
1600	●	●	●	●	●	●	●	●	●	●	●	●	●	28 23 19 15 12 X X X X X
1500	●	●	●	●	●	●	●	●	●	●	●	●	●	26 20 16 12 X X X X X X
1400	●	●	●	●	●	●	●	●	●	●	●	●	●	29 23 18 14 10 X X X X X X
1300	●	●	●	●	●	●	●	●	●	●	●	●	●	27 20 15 11 X X X X X X X
1200	●	●	●	●	●	●	●	●	●	●	●	●	●	23 17 12 X X X X X X X X
1100	●	●	●	●	●	●	●	●	●	●	●	●	●	27 20 14 X X X X X X X X
1000	●	●	●	●	●	●	●	●	●	●	●	●	●	23 16 11 X X X X X X X X
900	●	●	●	●	●	●	●	●	●	●	●	●	●	28 19 12 X X X X X X X X
800	●	●	●	●	●	●	●	●	●	●	●	●	●	23 14 X X X X X X X X
	400	500	600	700	800	900	1000	(1100)	(1200)	(1300)	(1400)	(1500)	(1600)	L

**ANTA SINGOLA / (ANTA DOPPIA)
SINGLE SASH / (DOUBLE SASH)
BATTANT SIMPLE / (BATTANT DOUBLE)**

● PESO MAX IN BASE AL NUMERO DELLE CERNIERE
MAX WEIGHT BASED ON NUMBER OF HINGES
POIDS MAX EN FONCTION DU NOMBRE DE CHARNIÈRES

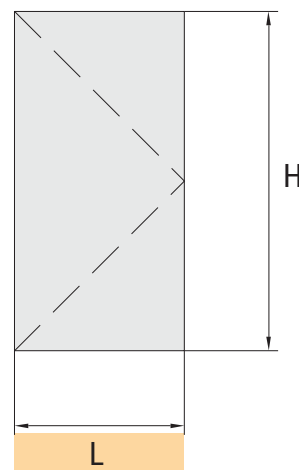
30 PESO MAX DELL'ANTA
MAX SASH WEIGHT · POIDS MAX DU BATTANT

X NON ESEGUIBILE
NOT EXECUTABLE · NON EXÉCUTABLE

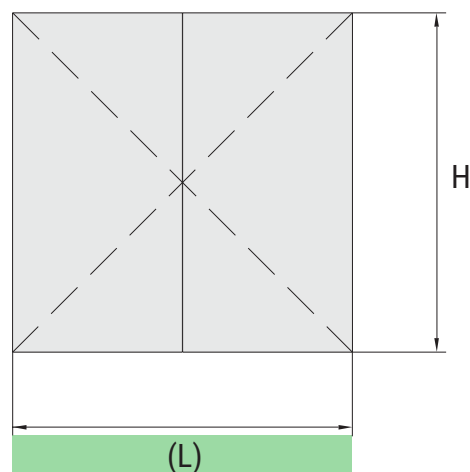
L LARGHEZZA ANTA SINGOLA
SINGLE SASH WIDTH · LARGEUR DU BATTANT SIMPLE

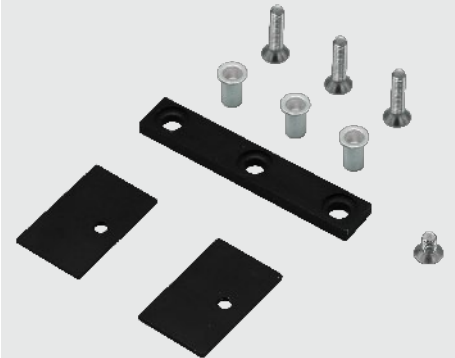
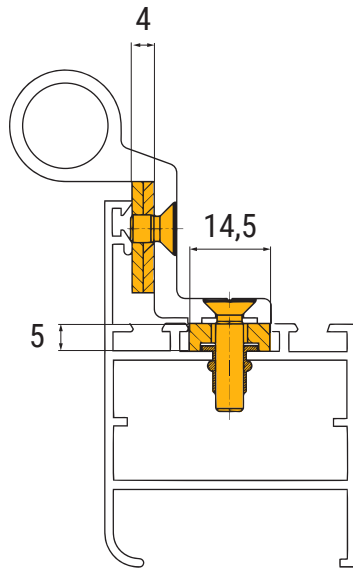
(L) LARGHEZZA ANTA DOPPIA
DOUBLE SASH WIDTH · LARGEUR DU BATTANT DOUBLE

SCHEMA ANTA SINGOLA
SINGLE SASH DIAGRAM · DIAGRAMME POUR BATTANT SIMPLE



SCHEMA ANTA DOPPIA
DOUBLE SASH DIAGRAM · DIAGRAMME POUR BATTANT DOUBLE



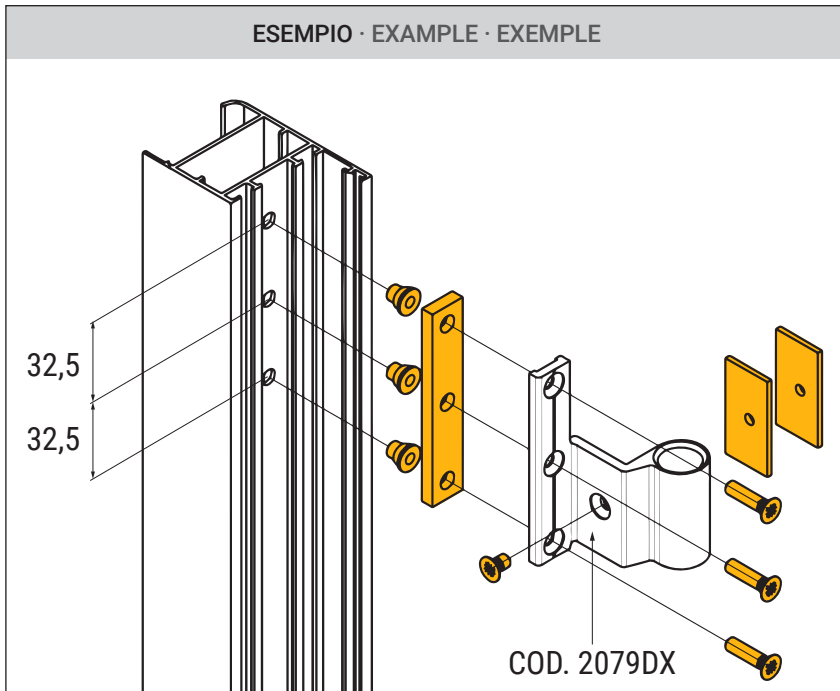


Kit adattamento cerniere H2S - camera europea e R40

Fitting kit for H2S hinges - Eurogroove and R40

Kit d'adaptation pour charnières H2S - chambre européenne et R40

ESEMPIO · EXAMPLE · EXEMPLE



PER CODICI
FOR CODES · POUR CODES

- 2079 DX / SX
- 2080
- 2082
- 2083 DX / SX
- 2084
- 2085
- 2086
- 2087
- 2088
- 2089
- 2087F
- 2089F



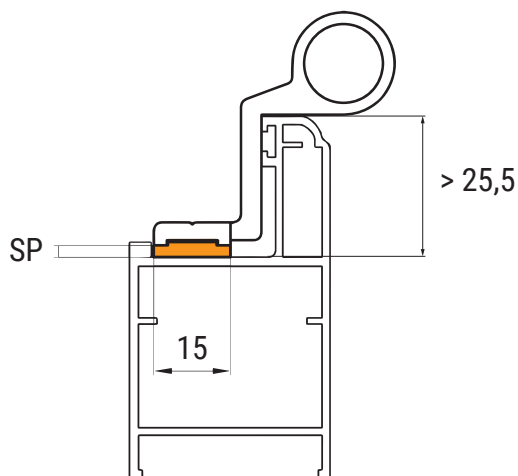
FINITURA
FINISHING · FINITION



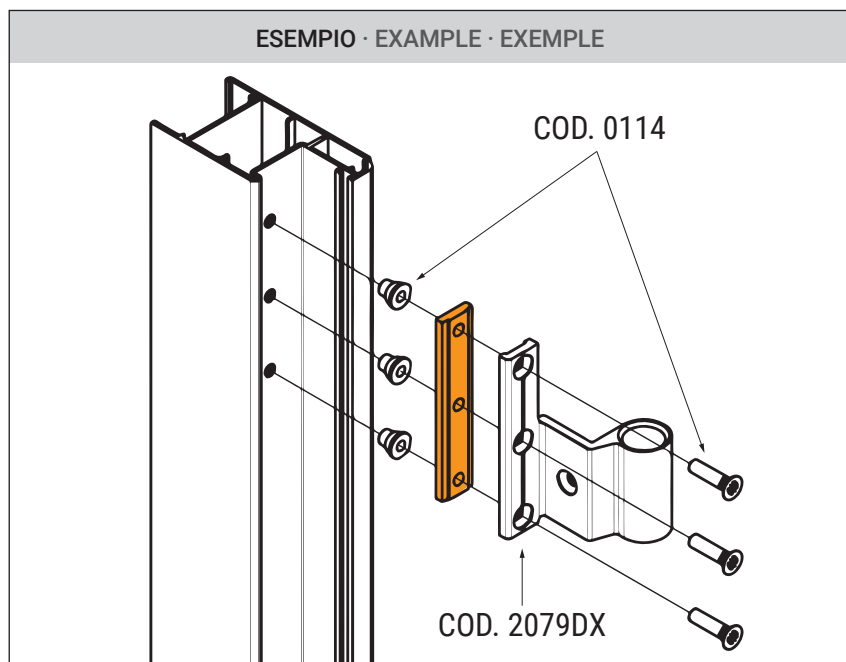
OX
NERO

Nero ossidato
Anodized black
Anodisé noir

CODICE		NOTE · NOTES
0107	20 pz	Alluminio · Aluminium



ESEMPIO · EXAMPLE · EXEMPLE



Spessore di adattamento per
cerniere H2S

Shim for H2S hinges

Épaisseur d'adaptation pour
charnières invisibles

 **PER CODICI**
FOR CODES · POUR CODES

- 2079 DX / SX
- 2080
- 2082
- 2083 DX / SX
- 2084
- 2085
- 2086
- 2087
- 2087F
- 2088
- 2089
- 2089F

 **FINITURA**
FINISHING · FINITION

 OX
NERO

Nero ossidato
Anodized black
Anodisé noir

CODICE	SP.		NOTE · NOTES
20SP.2	2 mm	20 pz	Alluminio · Aluminium
20SP.3	3 mm	20 pz	Alluminio · Aluminium
20SP.4	4 mm	20 pz	Alluminio · Aluminium
20SP.5	5 mm	20 pz	Alluminio · Aluminium

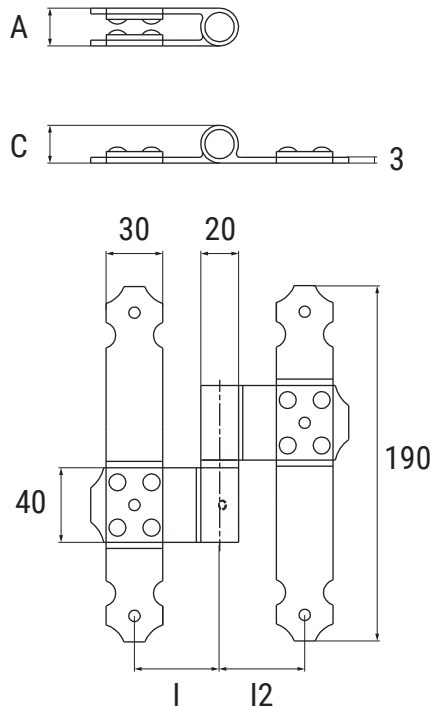
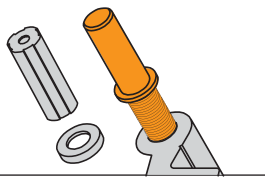
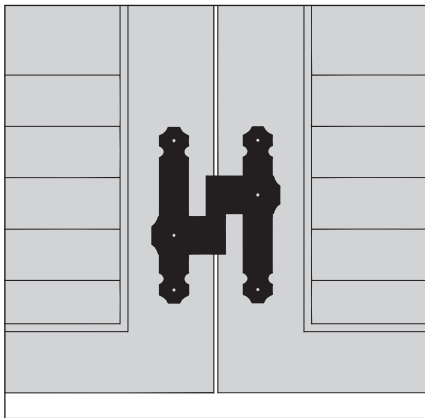


CERNIERE PER TERZA ANTA

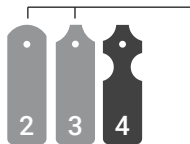
THIRD SHUTTER
HINGES

CHARNIÈRES POUR
TROISIÈME VANTAIL

3A PER • FOR • POUR: SERIE 20 / SERIE 70



SX
 Cerniera per terza anta registrabile
 Adjustable third shutter hinge
 Charnière pour troisième vantail,
 réglage vertical



Su richiesta
 On request
 Sur demande



CODICE	I	I2	C	A		NOTE · NOTES
3A25DX	25	25	20	40	10 pz	DX = Destro · Right · Droite
3A25SX	25	25	20	40	10 pz	SX = Sinistro · Left · Gauche
3A45DX	45	45	20	40	10 pz	DX = Destro · Right · Droite
3A45SX	45	45	20	40	10 pz	SX = Sinistro · Left · Gauche
* 3A58DX	25	33,5	20	40	10 pz	DX = Destro · Right · Droite
* 3A58SX	33,5	25	20	40	10 pz	SX = Sinistro · Left · Gauche
* 3A67DX	33,5	33,5	20	40	10 pz	DX = Destro · Right · Droite
* 3A67SX	33,5	33,5	20	40	10 pz	SX = Sinistro · Left · Gauche
* 3A90DX	45	45	10	20	10 pz	DX = Destro · Right · Droite
* 3A90SX	45	45	10	20	10 pz	SX = Sinistro · Left · Gauche
						Su misura Made to measure Sur mesure

* Su richiesta · On request · Sur demande

FINITURA FINISHING · FINITION

Verniciatura a polvere
 Powder coated
 Revêtement en poudre

RAL 9005 Nero opaco
 Black · Noir

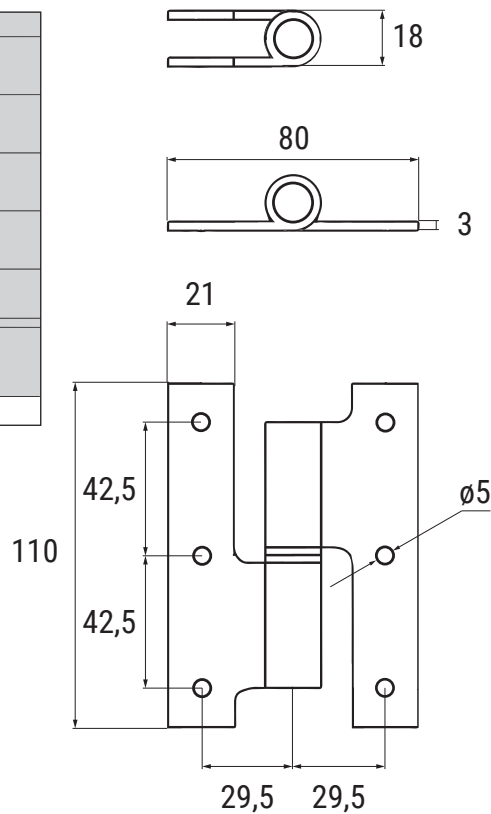
Alluminio Grezzo
 Aluminium Raw · Brut

Altri RAL Su richiesta con:
 Other RAL On request with:
 Autre RAL Sur demande avec:

Servizio colore
 Colour service
 Service couleur

P0110 DX-SX

PER • FOR • POUR: SERIE 40 / SERIE 60



DX

Cerniera per terza anta
Third shutter hinge
Charnière pour troisième vantail



FINITURA FINISHING • FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir



Alluminio
Aluminium

Grezzo
Raw · Brut



Altri RAL
Other RAL
Autre RAL

Su richiesta con:
On request with:
Sur demande avec:



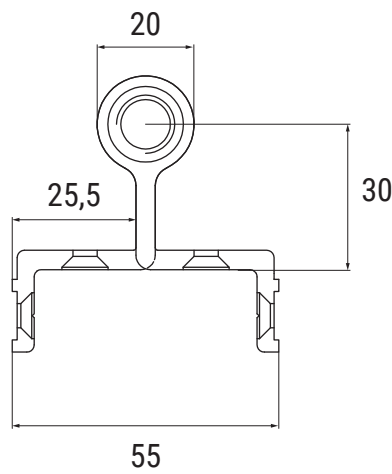
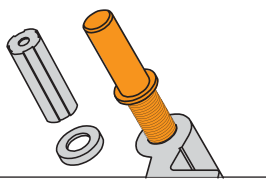
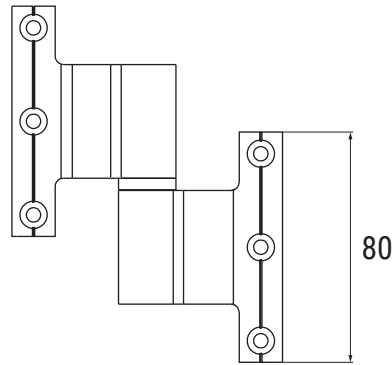
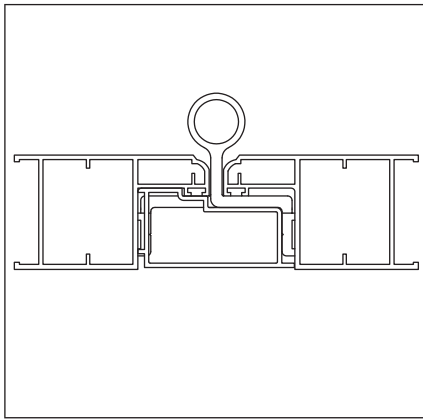
Servizio colore
Colour service
Service couleur



CODICE			NOTE · NOTES
P0110 DX		50 pz	DX = Destra · Right · Droite
P0110 SX		50 pz	SX = Sinistra · Left · Gauche

2083 DX-SX

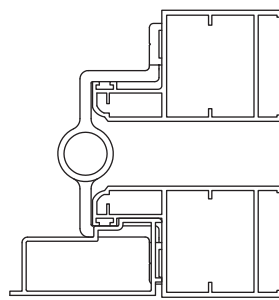
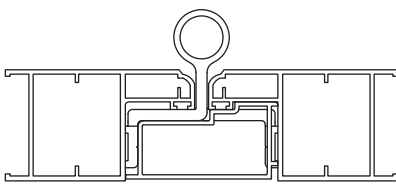
PER • FOR • POUR: H2S



Cerniera terza anta registrabile H2S
Hinge for third shutter, adjustable, H2S system
Charnière pour troisième vantail, réglage vertical, H2S

ESEMPIO • EXAMPLE • EXEMPLE

Per terza anta destra • For third casement right • Pour troisième vantail droite



CODICE		NOTE • NOTES
2083DX	10 pz	DX = Destra • Right • Droite
2083SX	10 pz	SX = Sinistra • Left • Gauche



FINITURA FINISHING • FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black • Noir



Alluminio
Aluminium

Grezzo
Raw • Brut



Altri RAL
Other RAL
Autre RAL

Su richiesta con:
On request with:
Sur demande avec:



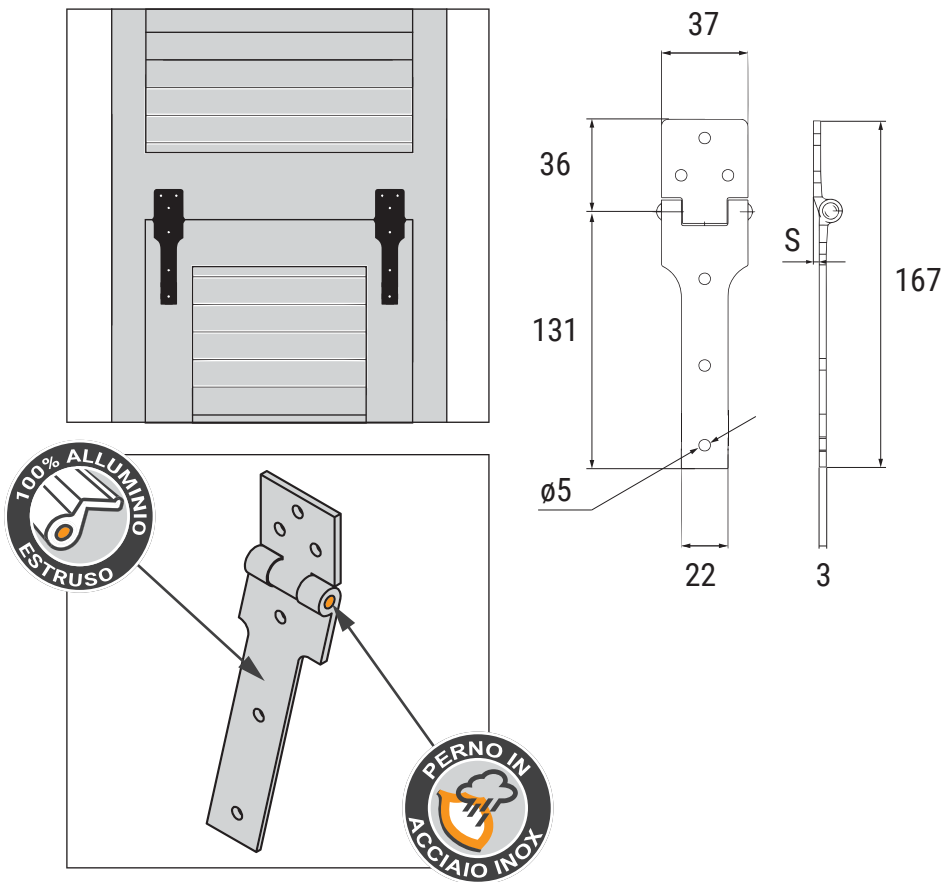
Servizio colore
Colour service
Service couleur



ACCESSORI PER SPORTELLO

ACCESSORIES
FOR HATCH

ACCESSOIRES POUR
VOLET ARTICULÉ



Cerniera sportello alla genovese
con perno inox

Hinge for genovese style opening
hatches with stainless steel pin

Charnière pour volet articulé à la
génoise avec axe en acier inox



FINITURA FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir



Alluminio
Aluminium

Grezzo
Raw · Brut




Altri RAL
Other RAL
Autre RAL

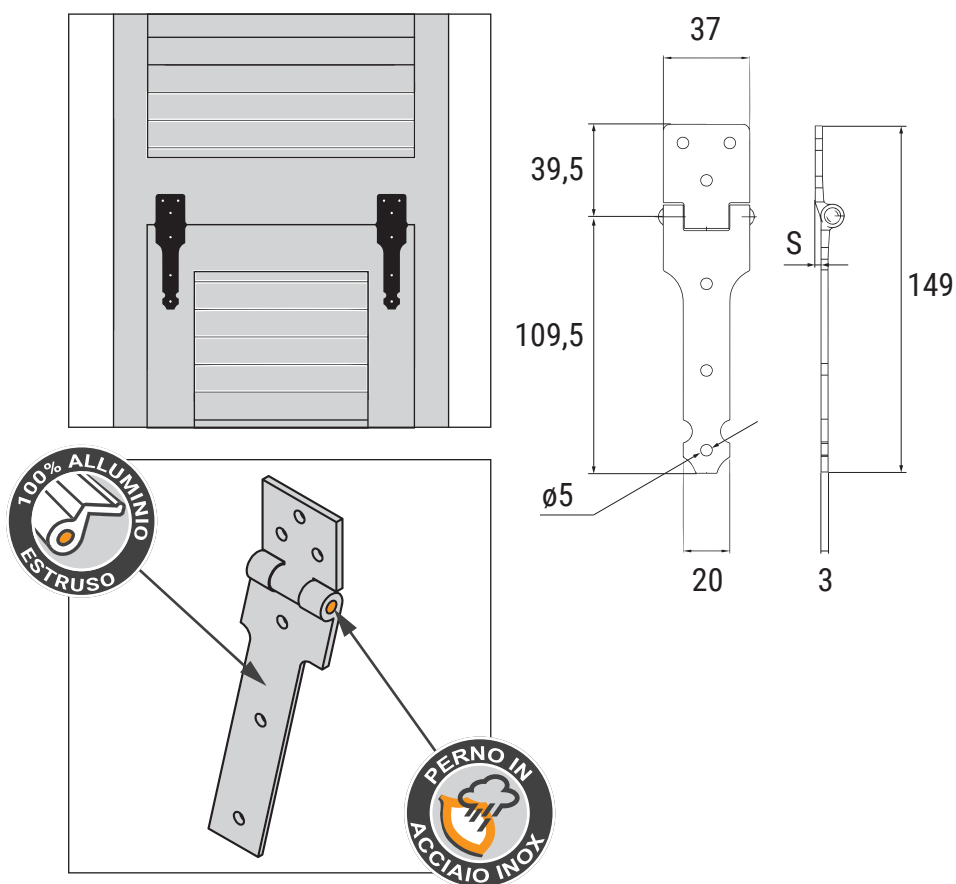
Su richiesta con:
On request with:
Sur demande avec:



Servizio colore
Colour service
Service couleur

1

CODICE	S		NOTE · NOTES
6016.0	0	100 pz	
6016.1	2,5	100 pz	Perno inox · Stainless steel pin · Axe en acier inox
6016.R	7	100 pz	



Cerniera sportello alla genovese con perno inox


Hinge for genovese style opening hatches with stainless steel pin


Charnière pour volet articulé à la génoise avec axe en acier inox




FINITURA FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre

 RAL 9005 Nero opaco
Black · Noir

 Alluminio Grezzo
Aluminium Raw · Brut

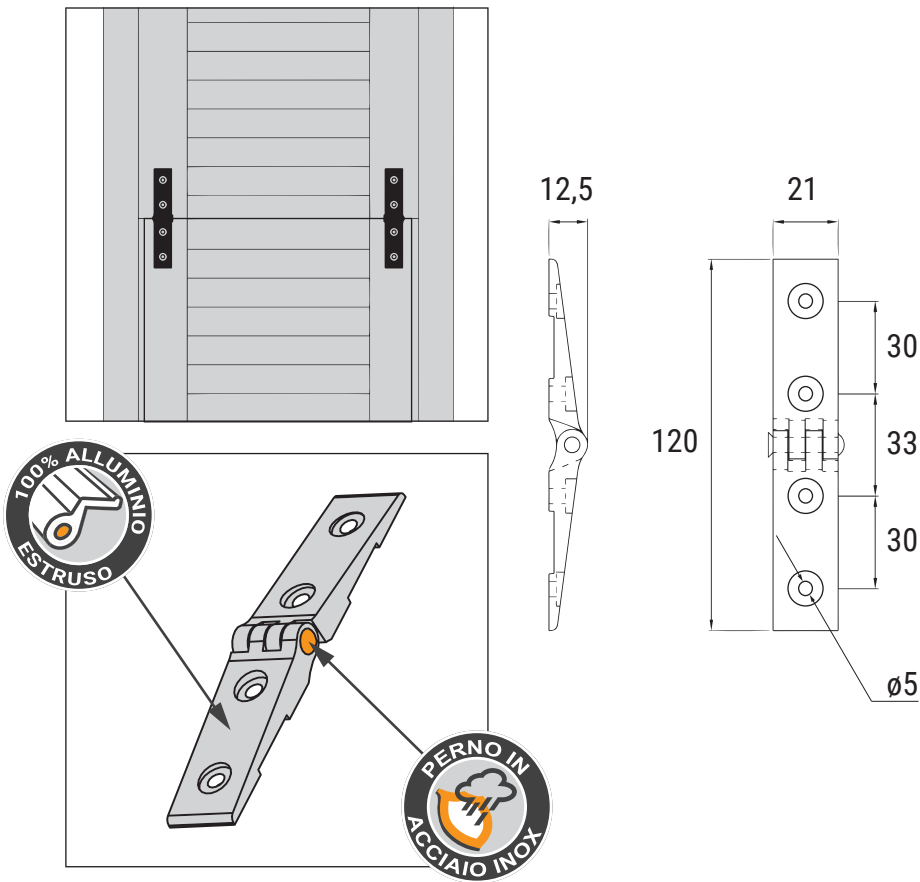
 Altri RAL Su richiesta con:
Other RAL On request with:
Autre RAL Sur demande avec:



Servizio colore
Colour service
Service couleur

4

CODICE	S		NOTE · NOTES
6716.0	0	100 pz	
6716.1	2,5	100 pz	
6716.R	7	100 pz	Su richiesta · On request · Sur demande
6716.RC	11	100 pz	



Cerniera sportello toscana con perno inox, complanare

Hinge for tuscan style opening hatches with stainless steel pin, coplanar

Charnière pour volet articulé à la toscane, axe inox coplanaire



FINITURA FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir



Alluminio
Aluminium

Grezzo
Raw · Brut



Altri RAL
Other RAL
Autre RAL

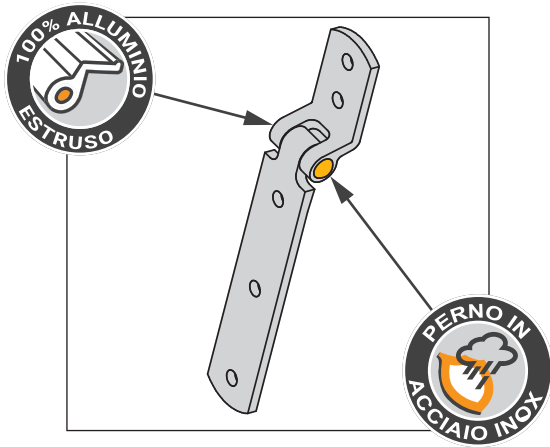
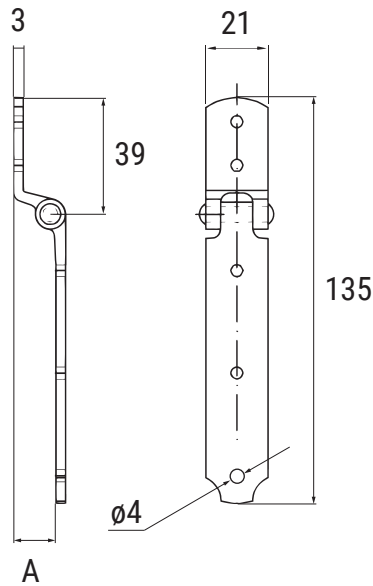
Su richiesta con:
On request with:
Sur demande avec:



Servizio colore
Colour service
Service couleur




CODICE			NOTE · NOTES
6017		100 pz	Perno inox · Stainless steel pin · Axe en acier inox





Cerniera per sportello con perno inox, sormonto 14mm
 Hinge for opening hatches with stainless steel pin, 14mm overlap
 Charnière pour volet articulé avec axe inox, recouvrement 14mm

FINITURA FINISHING · FINITION

Verniciatura a polvere
 Powder coated
 Revêtement en poudre


 RAL 9005 Nero opaco
 Black · Noir

 Alluminio Grezzo
 Aluminium Raw · Brut

 Altri RAL Su richiesta con:
 Other RAL On request with:
 Autre RAL Sur demande avec:

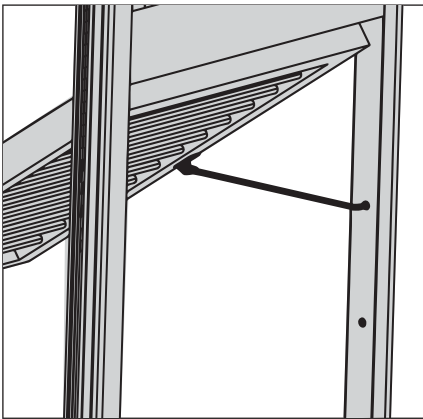
 Servizio colore
 Colour service
 Service couleur



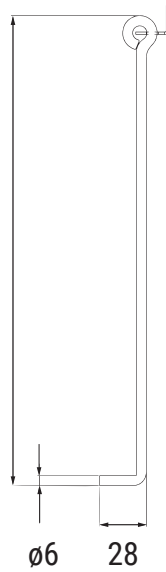
CODICE	A		NOTE · NOTES
6019	14	100 pz	Perno inox · Stainless steel pin · Axe en acier inox
* 6019 R	7	100 pz	

* Su richiesta · On request · Sur demande

5005



280



Astina ferma sportello alla genovese in alluminio

Shutter rod genovese style in aluminium

Portisol pour volet articulé à la génoise en aluminium



FINITURA FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir



Alluminio
Aluminium

Grezzo
Raw · Brut



Altri RAL
Other RAL
Autre RAL

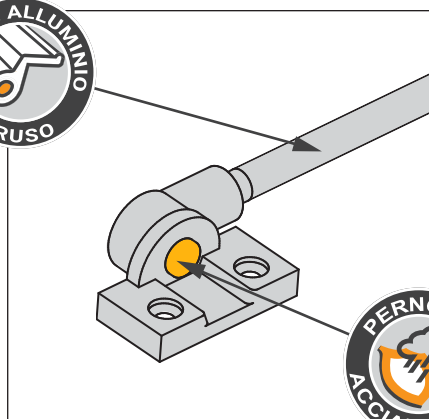
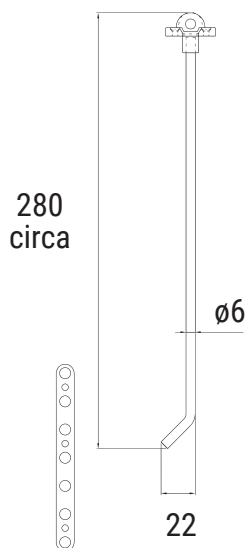
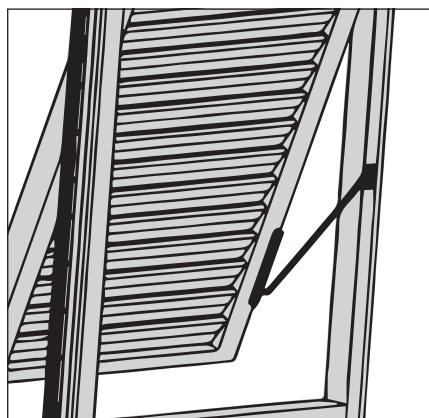
Su richiesta con:
On request with:
Sur demande avec:



Servizio colore
Colour service
Service couleur

CODICE		NOTE · NOTES
5005	100 pz	

5007



Astina ferma sportello alla toscana in alluminio

Shutter rod tuscan style in aluminium with nylon parts

Portisol pour volet articulé à la toscane en aluminium



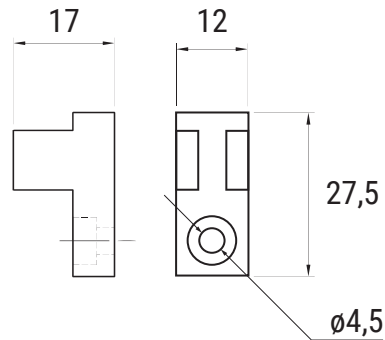
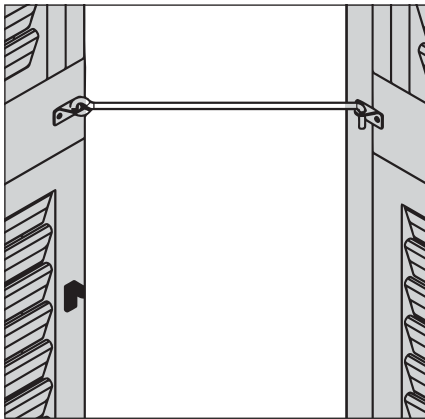
FINITURA
FINISHING · FINITION

OX
NERO

Nero ossidato
Anodized black
Anodisé noir

CODICE		NOTE · NOTES
5007	100 pz	

5004



Morsetto in nylon ferma astina
Nylon rod stop
Piton pour portisol en nylon

CODICE		NOTE · NOTES
5004	100 pz	

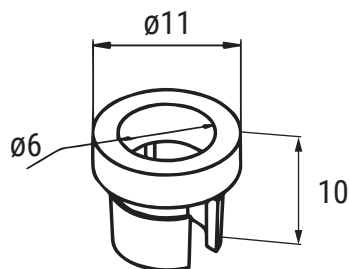
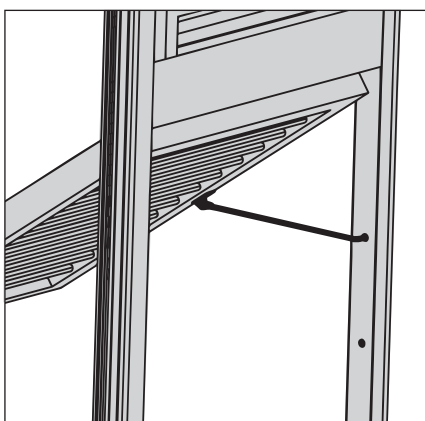


FINITURA
FINISHING · FINITION

RAL
9005

Nero opaco
Black · Noir

0089



Boccola in nylon per astina 5005
Nylon bush for code 5005
Douille pour code 5005 en nylon

CODICE		NOTE · NOTES
0089	100 pz	

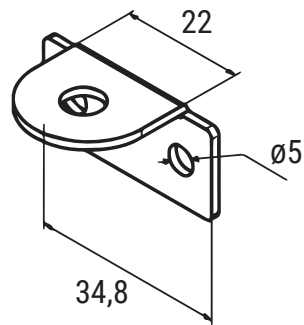
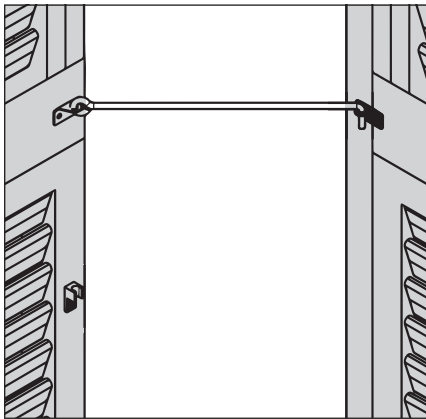


FINITURA
FINISHING · FINITION

RAL
9005

Nero opaco
Black · Noir

5006



Aggancio astina in acciaio zincato
Rod hook in zinc coated steel
Crochet de portisol en acier zingué



FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

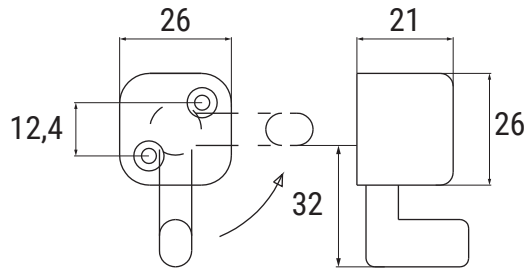
Nero opaco
Black · Noir



ZB

Zincato bianco
White galvanized
Zingué blanc

CODICE		NOTE · NOTES
5006	100 pz	



Maniglia per sportello in nylon
Nylon handle for outward opening shutter
Poignée de tirage pour vantail en nylon

CODICE		NOTE · NOTES
RICCIO	50 pz	

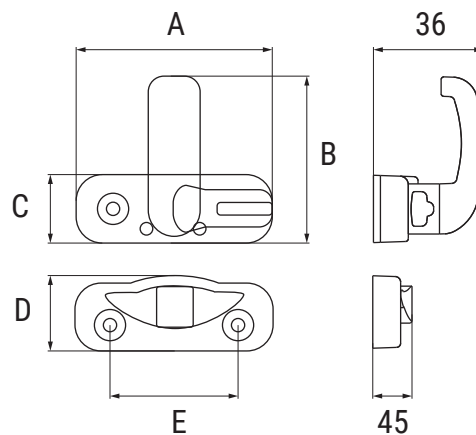


FINITURA
FINISHING · FINITION

RAL 9005

Nero
Black · Noir

92174 · 92799 DX/SX



Chiodanta a tirare in PA
Handle for outward opening windows
Poignée de tirage pour vantail en nylon

CODICE	A	B	C	D	E		NOTE · NOTES
92174	70	57	24	26	45	50 pz	
92799DX	55	54	21	21	38,5	50 pz	DX = Destro · Right · Droite
92799SX	55	54	21	21	38,5	50 pz	SX = Sinistro · Left · Gauche

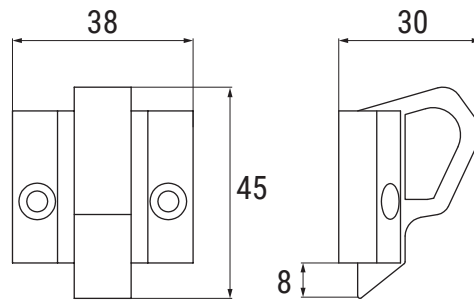
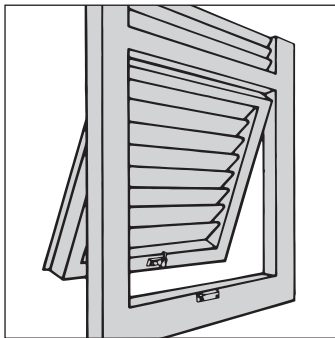


FINITURA
FINISHING · FINITION

RAL 9005

Nero
Black · Noir

3296



Cricchetto in nylon per sportello alla genovese

Nylon lock for genovese style shutter

Cliquet en nylon pour volet articulé à la génoise

CODICE		NOTE · NOTES
3296	50 pz	



FINITURA
FINISHING · FINITION

RAL
9005

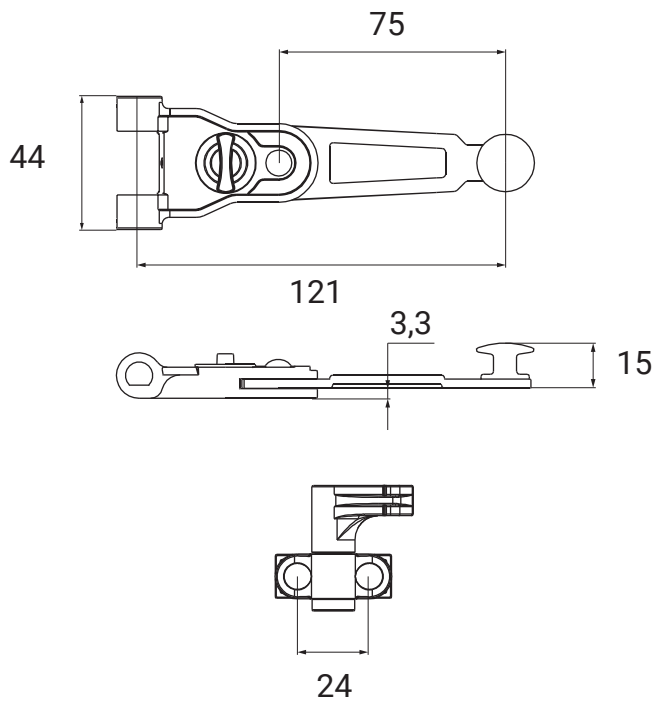
Nero
Black · Noir



SPAGNOLETTE

ESPAGNOLETTES • ESPAGNOLETTES

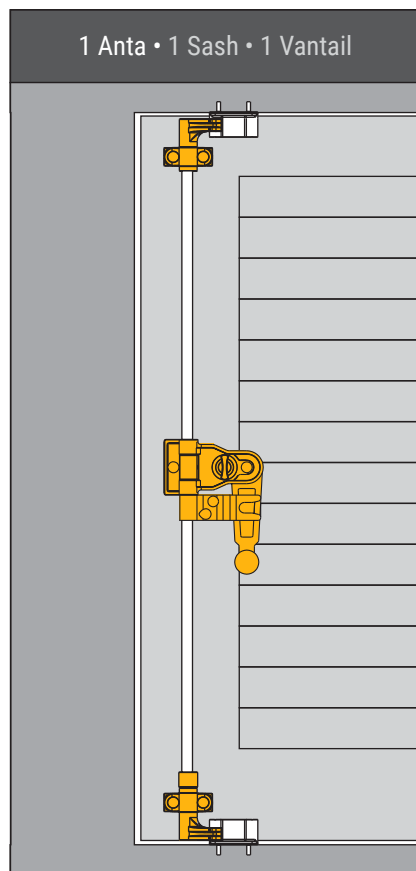
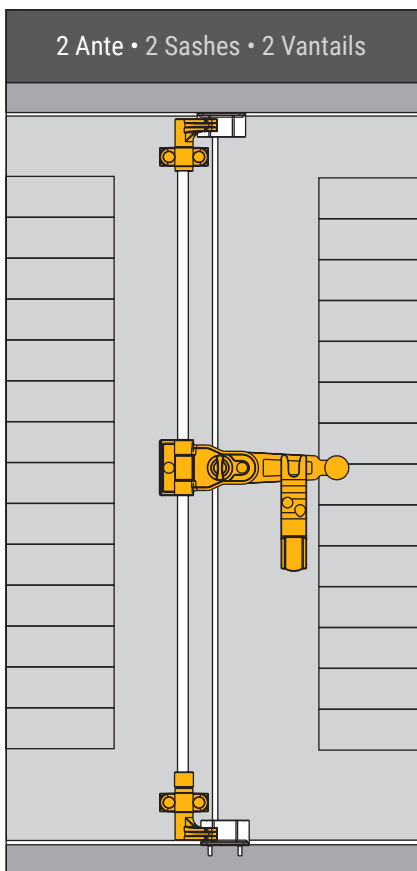
24001



Maniglia standard nera con ganci per spagnoletta

Kit with long zama espagnolette handle

Kit poignée longue en zamak pour espagnolette



FINITURA
FINISHING · FINITION

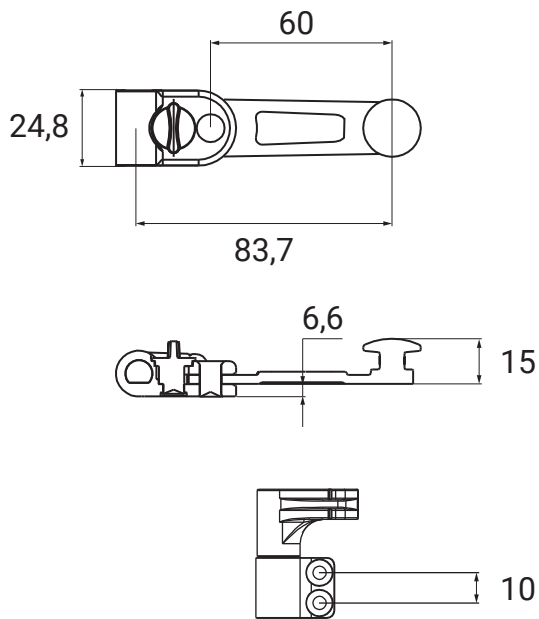
Verniciatura a polvere
Powder coated
Revetement en poudre

RAL
9005

Nero opaco
Black · Noir

CODICE		NOTE · NOTES
24001	10 pz	

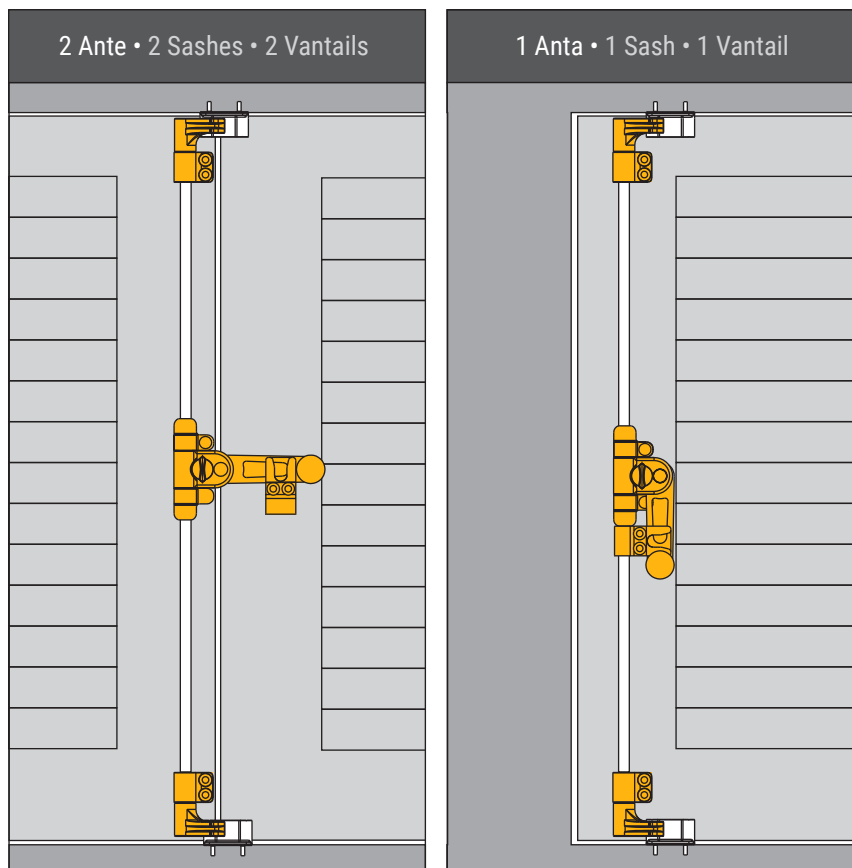
24003



Maniglia corta nera con ganci per spagnoletta

Kit with short zama espagnolette handle

Kit poignée courte en zamak pour espagnolette



FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre

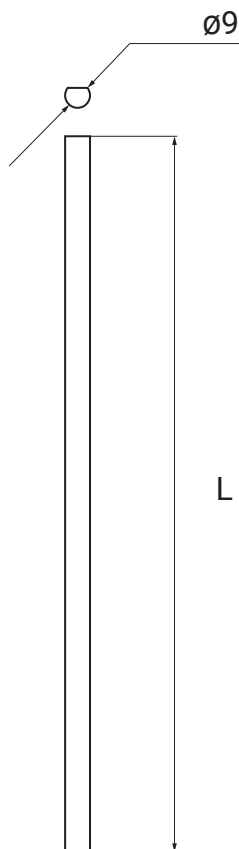
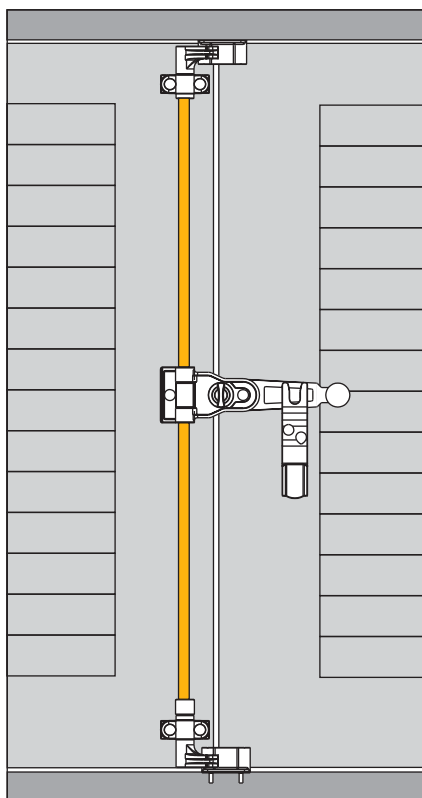
■ RAL
9005

Nero opaco
Black · Noir

CODICE		NOTE · NOTES
24003	10 pz	

ASTE PER SPAGNOLETTE

RODS FOR ESPAGNOLETTES • TRINGLES POUR ESPAGNOLETTES



Asta tonda in acciaio per spagnoletta

Round steel rod for espagnolette

Trigle ronde en acier pour espagnolette



FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre

■ RAL
9005

Nero
Black · Noir

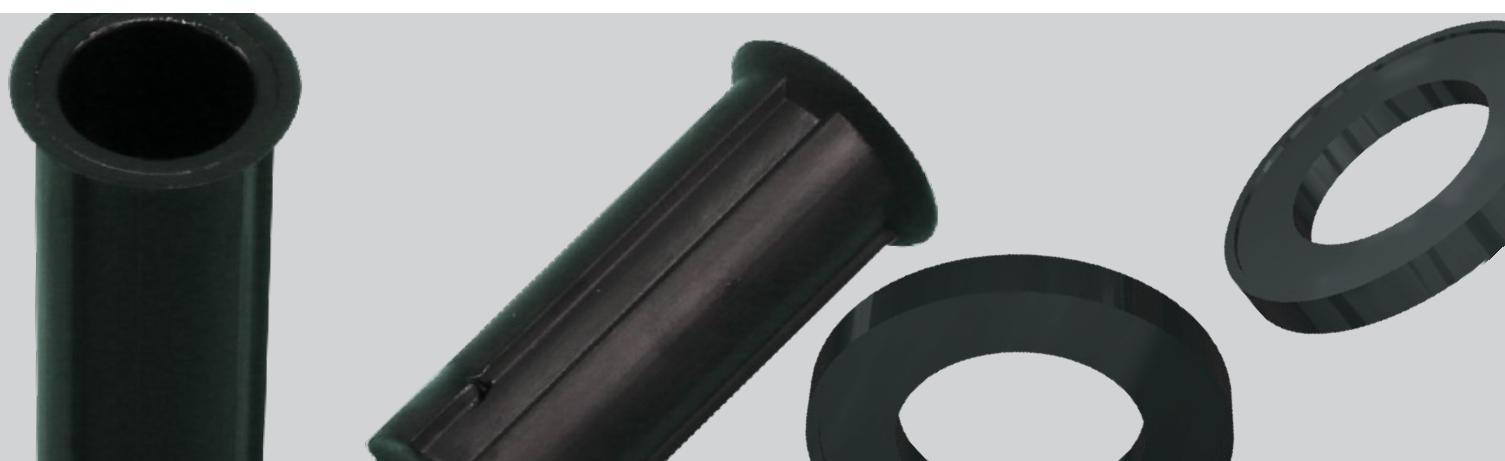
CODICE		L	NOTE · NOTES
24025	10 pz	1600 mm	
24026	10 pz	2400 mm	
24027	10 pz	2600 mm	
24028	10 pz	3200 mm	Su richiesta · On request · Sur demande

ACCESSORI SPAGNOLETTE

ESPAGNOLETTES ACCESSORIES • ACCESSOIRES POUR ESPAGNOLETTES



CODICE			DESCRIZIONE · DESCRIPTION
24004	100 pz		Cavallotto guida asta per maniglia 24001 in nylon Nylon espagnolette rod guide for kit 24001 Passant pour tringle espagnolette kit 24001 en nylon
24005	100 pz		Piastra di chiusura ad angolo per spagnoletta Angle closing plate for espagnolette Plaque de fermeture angulaire pour espagnolette
24006	100 pz		Perno chiusura semplice per spagnoletta Simple espagnolette fastener pin Pivot simple fermeture espagnolette
24007	50 pz		Battente per applicazioni a filo, nero Espagnolette retainer for flush application, black Verrou pour espagnolette pour les applications à fil, noir
24141	100 pz		Cavallotto guida asta per maniglia 24003 Espagnolette rod guide for kit 24003 Passant pour tringle espagnolette kit 24003
24019	100 pz		Perno chiusura prolungato per spagnoletta Long espagnolette fastener pin Pivot prolongé fermeture espagnolette
24008	100 pz		Spessore da 5 mm per guida asta 24004 e ganci maniglia 24001 5 mm shim for rod guide 24004 and for hook kit 24001 Epaisseur 5 mm pour passant 24004 et support espagnolette kit 24001
24009	100 pz		Spessore da 5 mm per ganci maniglia 24001 5 mm shim for hook kit 24001 Epaisseur 5 mm pour support espagnolette kit 24001
24010	100 pz		Spessore da 5 mm per maniglia 24001 5 mm shim for handle 24001 Epaisseur 5 mm pour poignée espagnolette kit 24001
24011	100 pz		Spessore da 5 mm per incontro maniglia 24001 5 mm shim for handle stop 24001 Epaisseur 5 mm pour arret pour poignée kit 24001
24003SP	100 pz		Spessore da 5 mm per maniglia 24003 5 mm shim for espagnolette handle kit 24003 Epaisseur 5 mm pour kit poignée courte espagnolette 24003
24141SP	100 pz		Spessore da 5 mm per guida asta 24141 5 mm shim for rod guide 24141 Epaisseur 5 mm pour passant 24141
24128	20 pz		Convertitore per asta spagnoletta sinistro (chiusura oriaria) Espagnolette turning bolt left Convertisseur pour espagnolette gauche
24132	20 pz		Convertitore per asta spagnoletta destro (chiusura antioraria) Espagnolette turning bolt right Convertisseur pour espagnolette droite

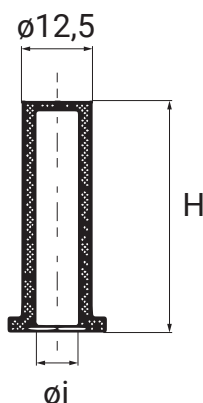
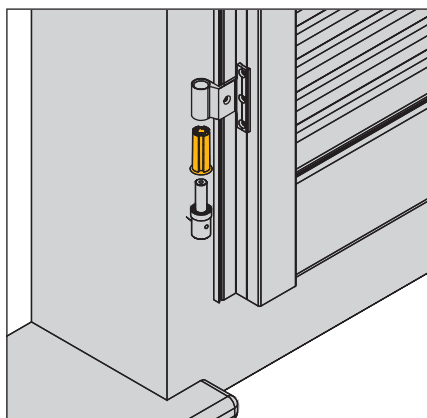


BOCCOLE E RONDELLE DI ADATTAMENTO

BUSHINGS AND
WASHERS FOR ADAPTATION

DOUILLES ET RONDELLES
POUR ADAPTATION

5023 • 5039 • 5040



Boccole di adattamento
Fitting bushes
Douilles d'adaptation

CODICE	øi	H		NOTE · NOTES
5023	8	41,5	50 pz	Nylon grafitato · Graphite nylon · Nylon grafito
5023/28	8	28	50 pz	
5039	10	41,5	50 pz	
5040	10	41,5	50 pz	

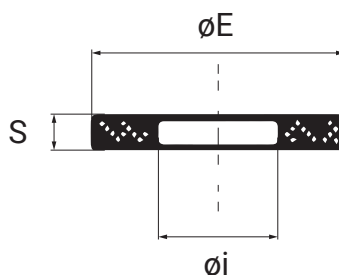
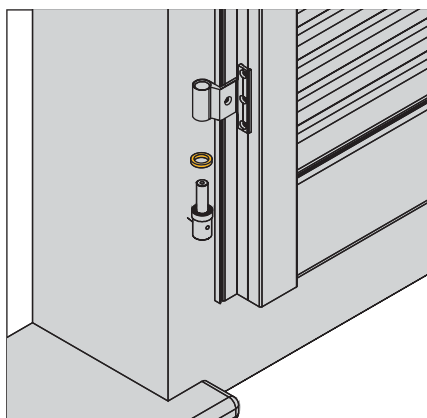


FINITURA
FINISHING · FINITION

RAL
9005

Nero opaco
Black · Noir

5021 • 5024 • 5025 • 5029



Rondelle
Washers
Rondelles

CODICE	S	øE	øi		NOTE · NOTES
5021	3	18	12,5	50 pz	Nylon grafitato Graphite nylon Nylon grafito
5024	2,5	20,5	12,5	50 pz	
5025	2,5	20,5	14	50 pz	
5029	2,5	20,5	10	50 pz	

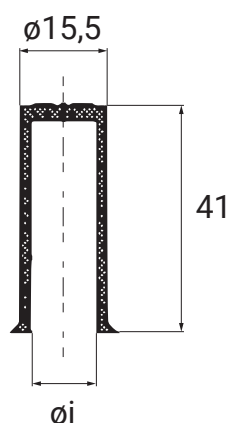
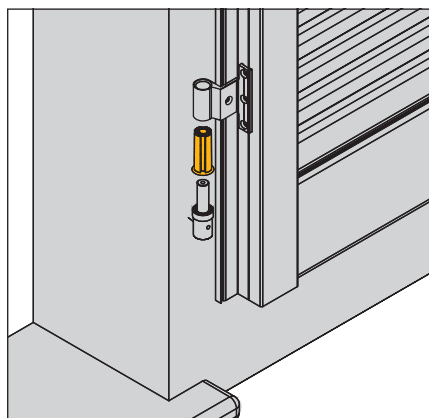


FINITURA
FINISHING · FINITION

RAL
9005

Nero opaco
Black · Noir

2022 • 3022 • 4022 • 5022 • 5026



Boccole di adattamento
Fitting bushes
Douilles d'adaptation

CODICE	øi		NOTE · NOTES
2022	9	50 pz	Nylon grafitato · Graphite nylon · Nylon grafite
3022	10	50 pz	
4022	11	50 pz	
5022	12	50 pz	
5026	14	50 pz	



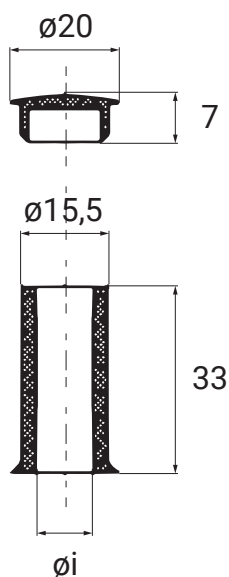
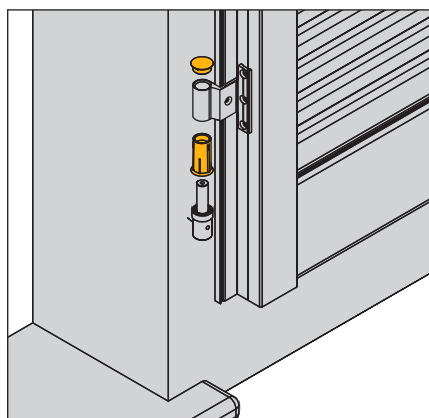
FINITURA
FINISHING · FINITION



RAL
9005

Nero opaco
Black · Noir

5027KIT • 5028KIT



Kit boccola con collarino e tappo a infilare

Kit with bush with collar and pull-out cap

Kit douille avec collier et bouchon amovible

CODICE	øi		NOTE · NOTES
5027KIT	12	50 pz	Nylon grafitato · Graphite nylon · Nylon grafite
5028KIT	10	50 pz	



FINITURA
FINISHING · FINITION



RAL
9005

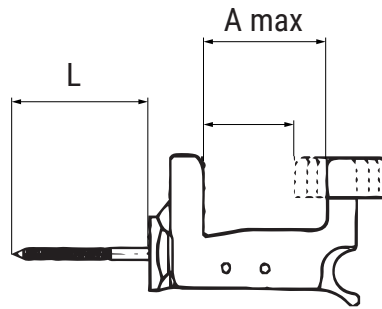
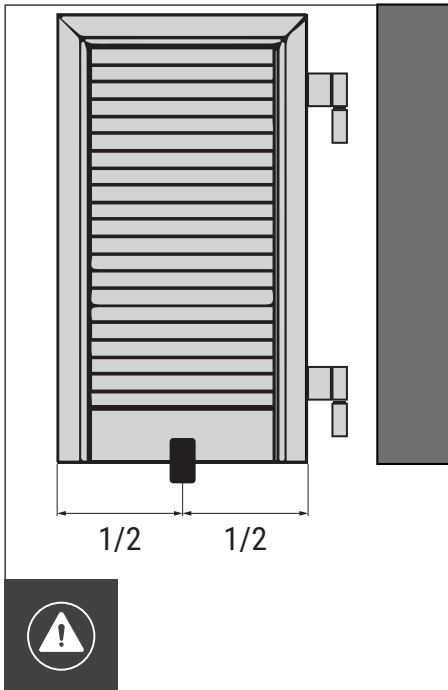
Nero opaco
Black · Noir



FERMAIMPOSTE

SHUTTER STOPS • ARRÊT AUTOMATIQUE

FERMAIMPOSTE SHUTTER STOP • ARRÊT AUTOMATIQUE



Fermailpote automatico con vite e ammortizzatore

Automatic shutter stop with shock absorber and screw

Arrêt automatique avec vis et amortisseur

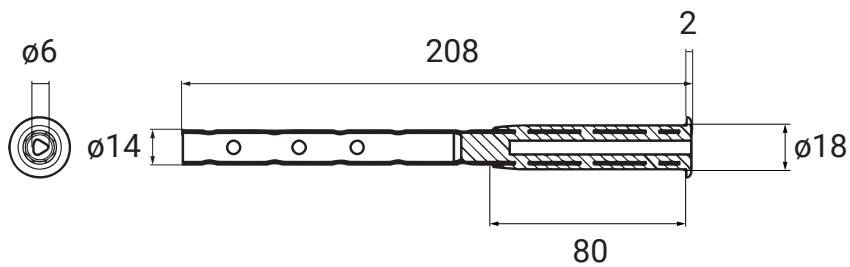
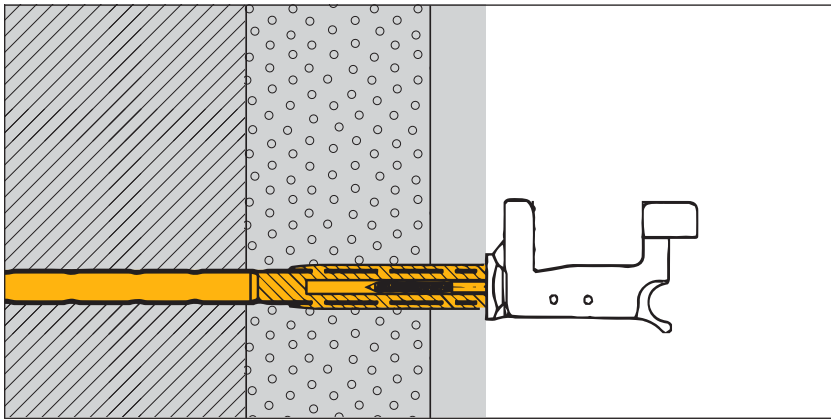
CODICE	L	A min	A max		NOTE · NOTES	
93000	70	44	60	25 pz	Senza ammortizzatore Without shock absorber Sans amortisseur	
93001	120	44	60	25 pz		
93035	150	44	60	25 pz		
93004	70	49	60	25 pz		
93005	120	49	60	25 pz		
93008	70	85	101	20 pz		
93009	120	85	101	20 pz		
93020	150	85	101	20 pz		
93012	70	109	125	20 pz		
93013	120	109	125	20 pz		
93037	150	109	125	20 pz		
93002	70	44	60	25 pz		Con ammortizzatore With shock absorber Avec amortisseur
93003	120	44	60	25 pz		
93036	150	44	60	25 pz		
93006	70	49	60	25 pz		
93007	120	49	60	25 pz		
93010	70	85	101	20 pz		
93011	120	85	101	20 pz		
93015	70	109	125	20 pz		
93016	120	109	125	20 pz		



FINITURA
FINISHING · FINITION

RAL
9005

Nero
Black
Noir



Consultare la scheda tecnica per la posa
Refer to the technical data sheet for installation
Consulter la fiche technique pour l'installation



Tassello per fissaggio su cappotto
per fermaimposta

External wall plug for shutter stop

Cheville pour fixation arrêt sur
capot d'isolation

CODICE		NOTE · NOTES
93053	50 pz	



ACCESSORI VARI PER PERSIANE

VARIOUS ACCESSORIES
FOR SHUTTERS

DIVERS ACCESSOIRES
POUR VOILETS

T.D.

0108 Più sicurezza con il kit “Take-Down”

Consigliamo l'aggiunta del kit di sicurezza Take Down ai cardini Hammer per evitare lo sfilamento delle ante in caso di forte vento o di urti accidentali.

en

MORE SAFETY WITH THE “TAKE DOWN” KIT

We recommend adding the Take Down safety kit to the Hammer pivots to prevent the shutters from slipping in the event of strong wind or accidental impacts.

fr

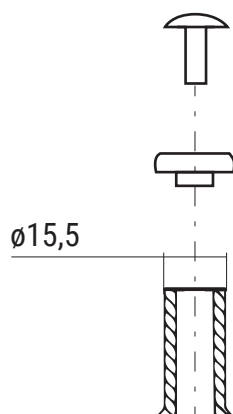
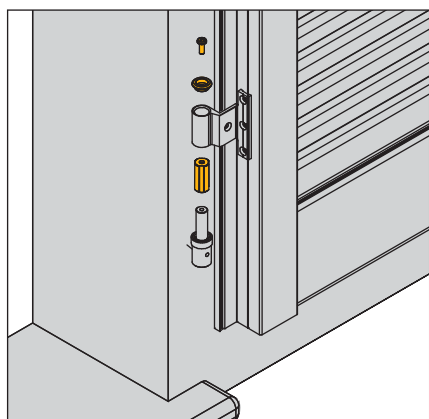
PLUS DE SÉCURITÉ AVEC LE KIT “TAKE DOWN”

Nous recommandons d'ajouter le kit de sécurité Take Down aux gonds Hammer afin d'empêcher les volets de glisser en cas de vent fort ou d'impact accidentel.

TAKE-DOWN KIT

0108

T.D.



Take-Down Kit antisfilamento anta persiana per cardine Hammer

Take-Down anti pull-out kit for Hammer pivots only

Kit Take-Down antiglisement vantail de volet, pour gonds Hammer

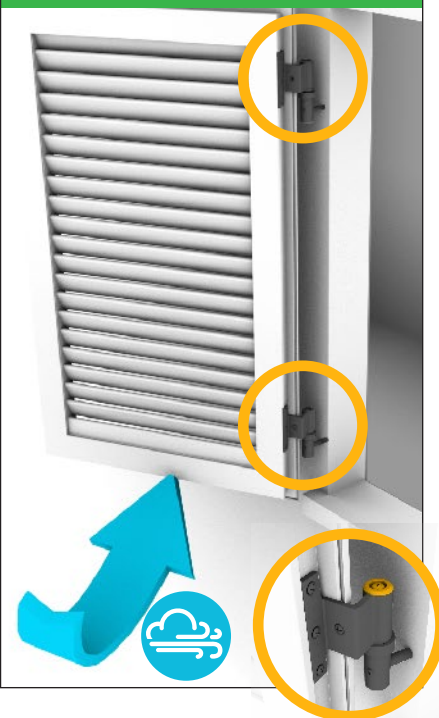


Senza · Without · Sans
0108 Kit Take-Down



T.D.

Con · With · Avec
0108 Kit Take-Down



PER CODICI
FOR CODES · POUR CODES

2107
2120
2120 RV
2123
2123 RV
2124
2124 RV
2125 DX-SX
2126
2126 ECC
2127
2127 RV
2133 DX-SX
2140 RV DX-SX
2145 DX-SX
2084
2086
2087
2088
2089

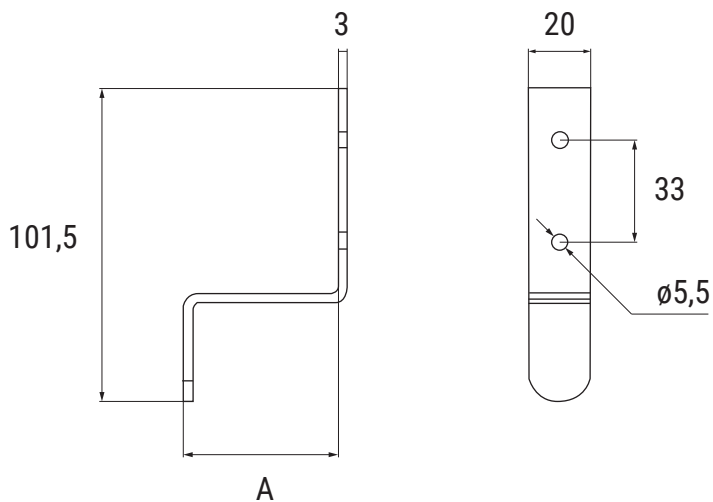
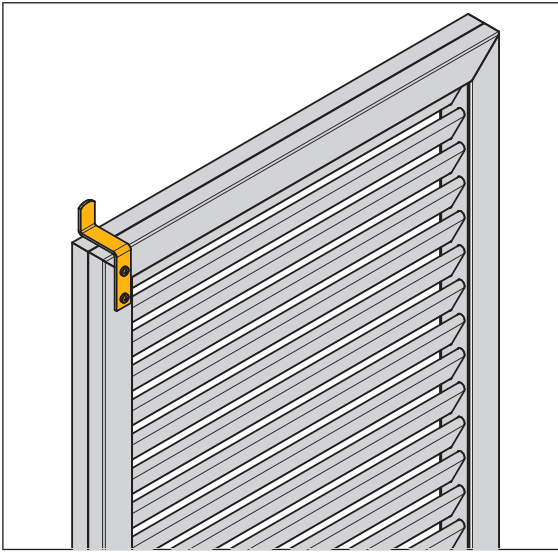


FINITURA
FINISHING · FINITION

RAL
9005

Nero
Black · Noir

CODICE		NOTE · NOTES
0108	20 pz	



Limitatore di chiusura per persiane alla genovese

Z shaped opening limiter for genovese style shutters

Limiteur de fermeture pour volets à la génoise



FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir



Alluminio
Aluminium

Grezzo
Raw · Brut



Altri RAL
Other RAL
Autre RAL

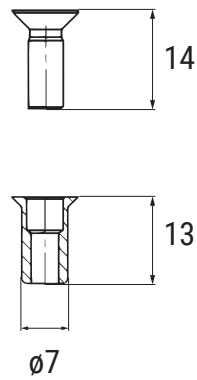
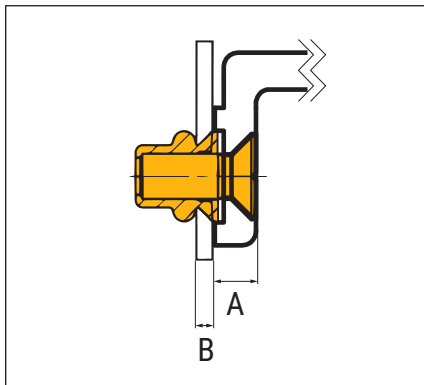
Su richiesta con:
On request with:
Sur demande avec:



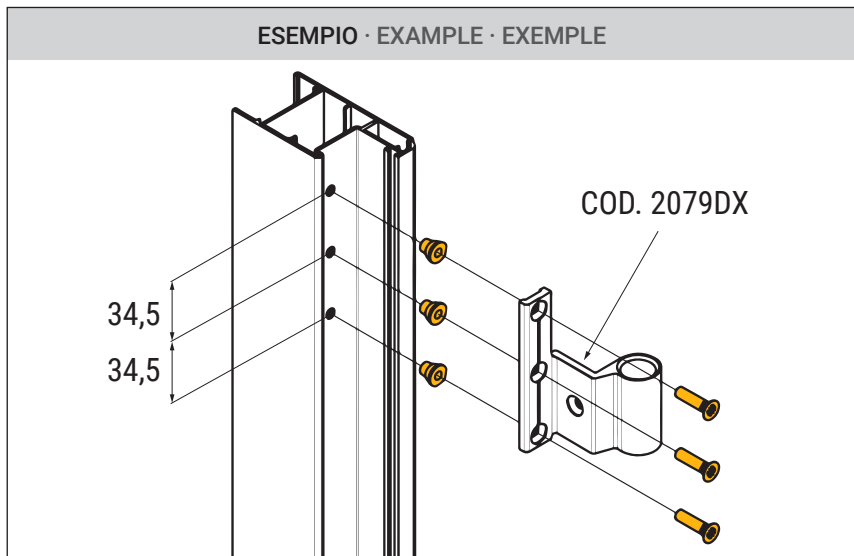
Servizio colore
Colour service
Service couleur

CODICE	A		NOTE · NOTES
5019	50	100 pz	Alluminio · aluminium · aluminium
5019.A	33	100 pz	Alluminio · aluminium · aluminium

0114



ESEMPIO · EXAMPLE · EXEMPLE



CODICE	B	A		NOTE · NOTES
0114	1,5 - 3,8 mm	Max 6 mm	1 Kit	Alluminio · Aluminium



Kit di fissaggio (20 inserti + 20 viti inox M5)

Fixing kit (20 inserts + 20 stainless steel M5 screws)

Kit pour fixation (20 inserts + 20 vis M5 en acier inox)

NX-5



Rivettatrice per Cod. 0114
Riveter for Cod. 0114
Riveter pour Cod. 0114

CODICE		NOTE · NOTES
NX-5	1 pz	



NEXT PRETRANCIATO PER PERSIANE IN ALLUMINIO CON LAMELLE FISSE

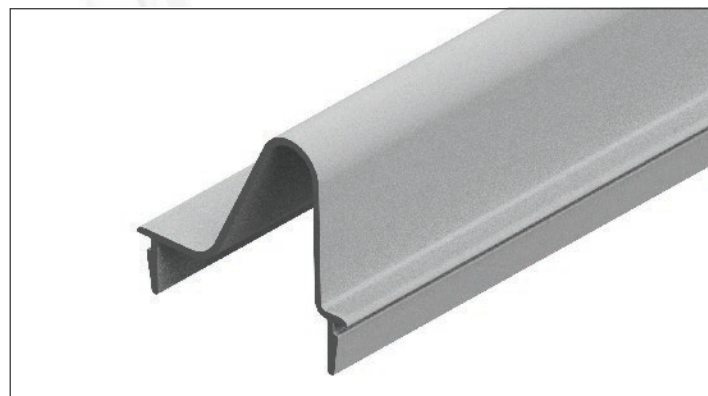
LOUVER SYSTEM FOR
ALUMINIUM FIXED SLATS

SYSTÈME DE LATTES
PRÉDECOURPÉES POUR
LAMELLES FIXES EN ALUMINIUM

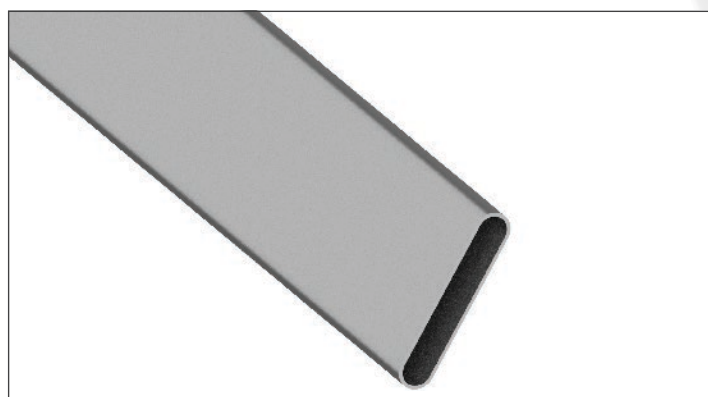
IL SISTEMA "NEXT" THE "NEXT" SYSTEM • LE SYSTÈME "NEXT"



Pretranciato
Pre-cut slats · Lamelles prédecoupées



Profilo compensatore
Compensating profile · Profil de compensation



Profilo per ovalina
Oval profile · Profil ovale



Guarnizione
Shutter gasket · Joint our volet

Disponibile per:
Available for: · Disponible pour:



40 x 8 mm
50 x 10 mm



"Centro Storico"
(83 x 10 mm)





1

SISTEMA UNIVERSALE E COMPLETO

Compatibile con camere 24/31/35/36 mm

UNIVERSAL AND COMPLETE SYSTEM

Compatible with 24/31/35/36 mm frames

SYSTÈME UNIVERSEL ET COMPLET

Compatible avec chambres 24/31/35/36 mm

2

ESTETICA OMOGENEA

Il sistema:

- ▶ non cambia colore con il passare del tempo (non comprende selle né tappi in plastica)
- ▶ non presenta giochi derivanti al processo di verniciatura

UNIFORM APPEARANCE

The system:

- ▶ keeps the color unchanged over time (it includes neither plastic saddles nor caps)
- ▶ has no gaps caused by the painting process

ESTHÉTIQUE HOMOGENÈ

Le système:

- ▶ ne change pas de couleur au fil du temps (car il n'inclut ni des selles ni des bouchons)
- ▶ ne présente aucun jeu résultant du processus de peinture

3

GESTIONE SEMPLIFICATA DEL MAGAZZINO

- ▶ Sistema composto da soli 4 elementi
- ▶ Sistema grezzo, verniciabile in tutti i colori della gamma RAL

SIMPLIFIED WAREHOUSE

- ▶ System consisting of only 4 product codes
- ▶ Raw system, which can be painted in all colors of RAL range

GESTION SIMPLIFIÉE DE L'ENTREPÔT

- ▶ Système composé de seulement 4 éléments
- ▶ Système brut qui peut être peint dans tous les couleurs de la gamme RAL

4

LUNGA DURATA

L'alluminio resiste alla corrosione e agli agenti atmosferici

LONGER LIFE

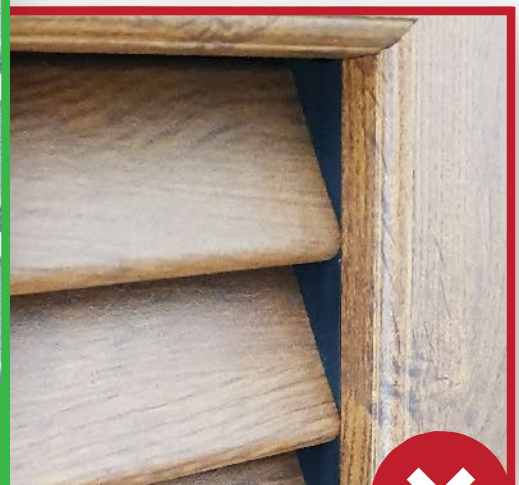
Aluminum resists corrosion and atmospheric agents

LONGUE DURÉE DE VIE

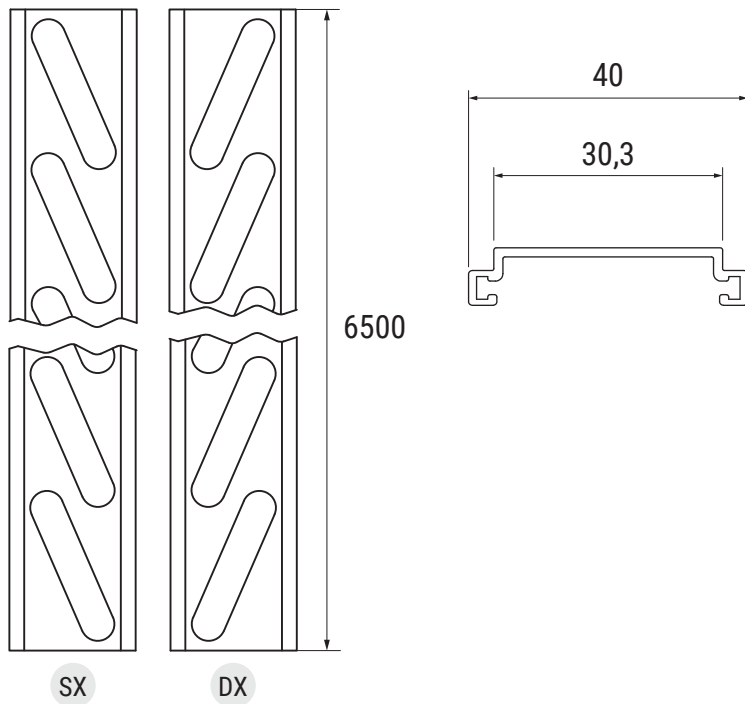
L'aluminium résiste à la corrosion et aux agents atmosphériques



CON NEXT: estetica perfetta con colore uniforme
WITH NEXT: perfect aesthetic, with uniform color
AVEC NEXT: esthétique parfaite avec une couleur uniforme



SENZA NEXT: colore non omogeneo
WITHOUT NEXT: disomogeneity in color
SANS NEXT: inhomogénéité de la couleur



Coppia barre pretranciato, L 6500 mm,
cava 31 mm

Louvers for fixed slats shutters
50 x 10 mm - Slot 30 mm

Lattes pour volets, lamelles fixes
50 x 10 mm - Rainure 30 mm

WWW.HAMMER.BIZ



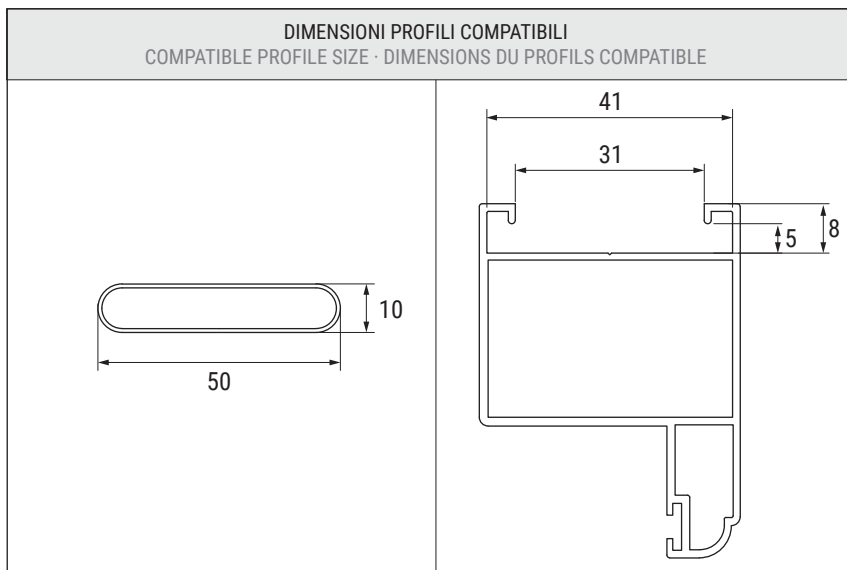
Scheda tecnica online
Technical data sheet online
Fiche technique en ligne



FINITURA
FINISHING · FINITION

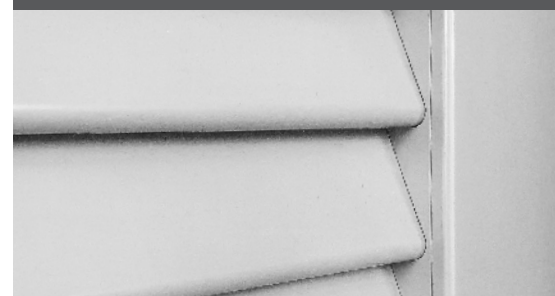


Alluminio Grezzo
Aluminium Raw · Brut



50 x 10 mm

CODICE	10 coppie pairs paires	NOTE · NOTES
3312		Il prodotto è composto da una barra dx e una barra sx The product consists of a right bar and a left bar Le produit est composé d'une barre droite et d'une barre gauche

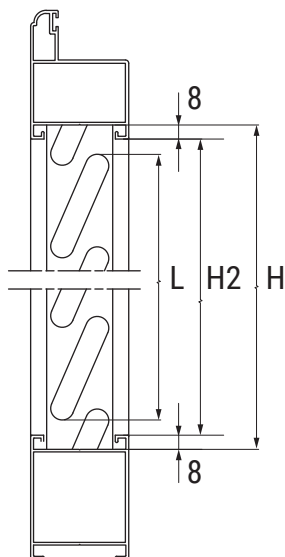




1

MISURARE H2 E TROVARE IL VALORE L < H2 CORRISPONDENTE NELLA TABELLA
 MEASURE H2 AND FIND CORRESPONDING L < H2 VALUE IN THIS TABLE
 MESURER H2 ET TROUVER LA VALEUR L < H2 CORRESPONDANTE DANS LE TABLEAU

N° = Numero di ovaline · Number of slats · Nombre de lamelles



L	N°	L	N°	L	N°	L	N°	L	N°
274	6	954	22	1634	38	2314	54	2994	70
317	7	997	23	1677	39	2357	55	3037	71
359	8	1039	24	1719	40	2399	56	3079	72
402	9	1082	25	1762	41	2442	57	3080	73
444	10	1124	26	1804	42	2484	58		
487	11	1167	27	1847	43	2527	59		
529	12	1209	28	1889	44	2569	60		
572	13	1252	29	1932	45	2612	61		
614	14	1294	30	1974	46	2654	62		
657	15	1337	31	2017	47	2697	63		
699	16	1379	32	2059	48	2739	64		
742	17	1422	33	2102	49	2782	65		
784	18	1464	34	2144	50	2824	66		
827	19	1507	35	2187	51	2867	67		
869	20	1549	36	2229	52	2909	68		
912	21	1592	37	2272	53	2952	69		

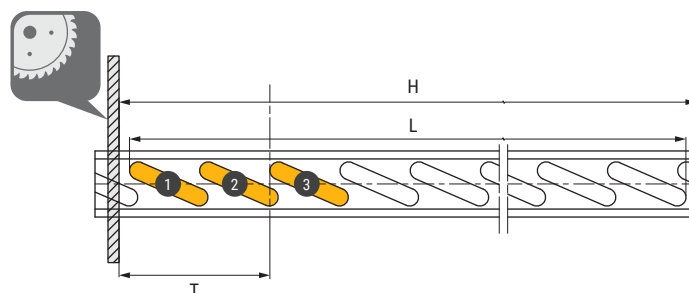
2

APPLICARE LA SEGUENTE FORMULA PER RICAIVARE LA MISURA T
 FIND T BY USING THE FOLLOWING FORMULA
 TROUVER T À L'AIDE DE LA FORMULE SUIVANTE

$$T = \frac{H2 - L}{2} + 100,4$$

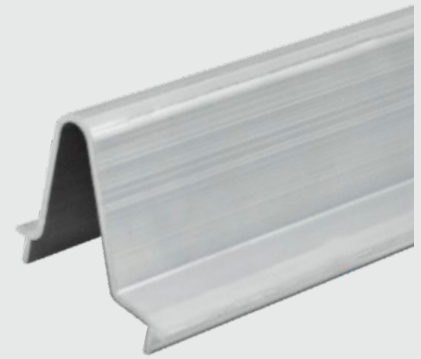
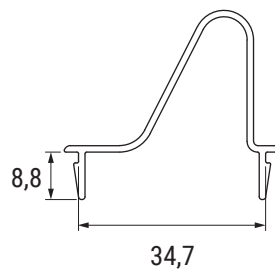
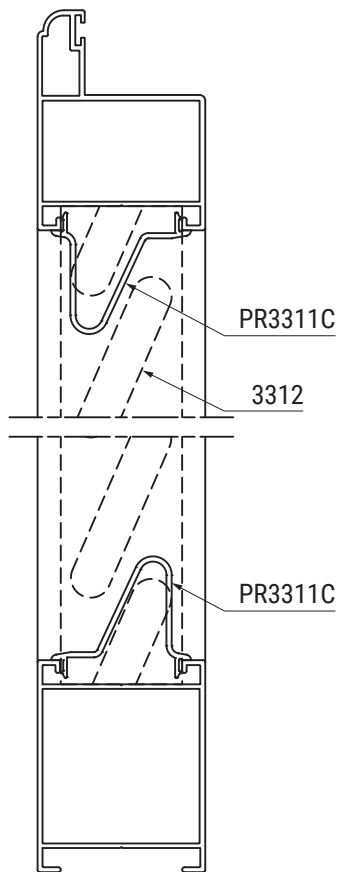
3

PARTENDO DAL RACCORDO DELLA 3ª ASOLA INTERA SEGNARE IL VALORE T E POSIZIONARSI IN CORRISPONDENZA DELL'INTERNO LAMA
 STARTING FROM THE CONNECTION OF THE THIRD FULL SLOT, MARK THE T VALUE AND POSITION AT THE INSIDE OF THE BLADE
 À PARTIR DE LA CONNEXION DE LA TROISIÈME FENTE ENTIÈRE, MARQUER LA VALEUR T ET SE POSITIONNER À L'INTÉRIEUR DE LA LAME



4

SULLA TRONCATRICE IMPOSTARE H COME LUNGHEZZA DI TAGLIO E PROCEDERE QUINDI CON IL TAGLIO DEL PRETRANCIATO
 ON THE MITER SAW SET H AS THE CUTTING LENGTH AND THEN PROCEED WITH CUTTING THE PRE-CUT SLATS
 SUR LA TRONÇONNEUSE, RÉGLER H COMME LONGUEUR DE COUPE, PUIS PROCÉDER À LA COUPE DES LATTES PRÉDECOURPÉES



Barra profilo compensatore
L=6500 mm, per pretranciato 3312

Compensating profile
L=6500 mm, for slats 3312

Profilé de compensation
L=6500 mm, pour lattes 3312

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Scheda tecnica online
Technical data sheet online
Fiche technique en ligne



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FINISHING · FINITION

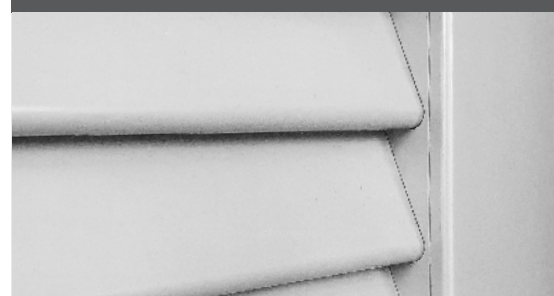


Alluminio Grezzo
Aluminium Raw · Brut



50 x 10 mm

CODICE		NOTE · NOTES
PR3311C	L= 6500mm	




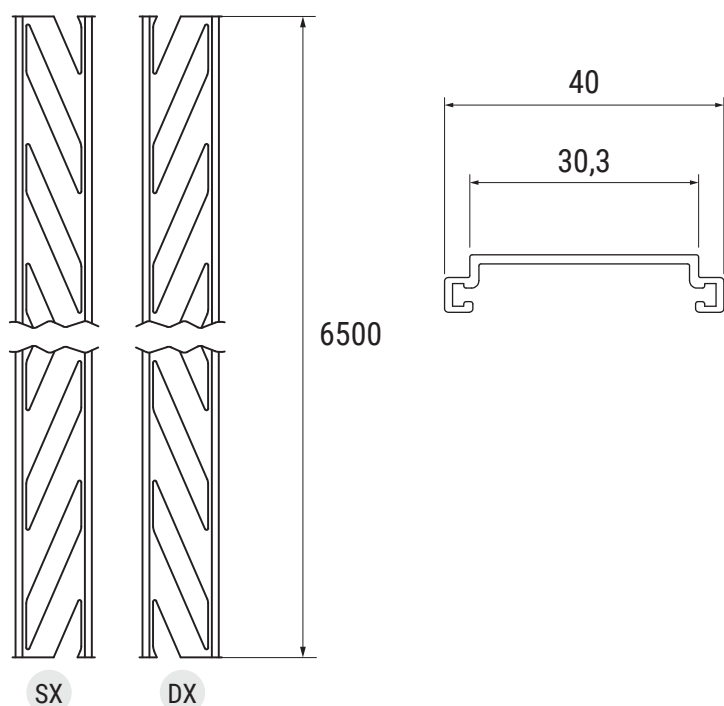


Guarnizione in profilflex
per art. 3312 e 3612 - 300 m

Profilflex gasket
for 3312 and 3612 - 300 m

Profilflex joint
pour 3312 et 3612 - 300 m

CODICE		NOTE · NOTES
180.GU7227	300 m	



Coppia barre pretranciato per lamella
83 x 10 mm - Cava 31 mm

Louvers for fixed slats shutters
83 x 10 mm - Slot 31 mm

Lattes pour volets, lamelles fixes
83 x 10 mm - Rainure 31 mm

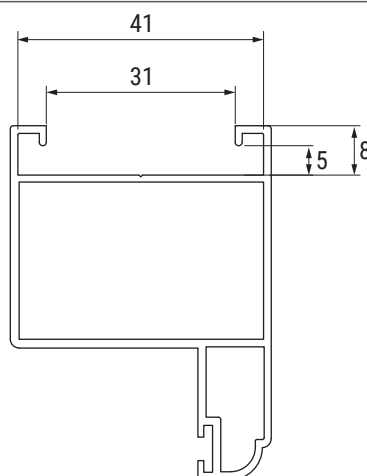
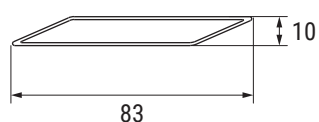
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Scheda tecnica online
Technical data sheet online
Fiche technique en ligne

DIMENSIONI PROFILI COMPATIBILI

COMPATIBLE PROFILE SIZE · DIMENSIONS DU PROFILS COMPATIBLE



FINITURA
FINISHING · FINITION

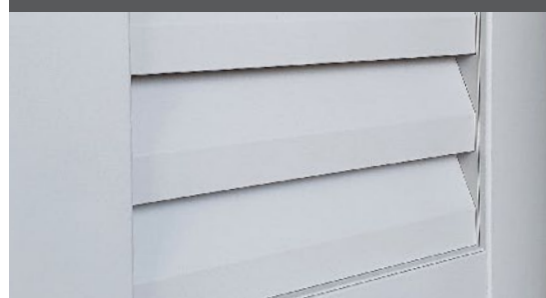


Alluminio Grezzo
Aluminium Raw · Brut



Centro Storico
83 x 10 mm

CODICE		NOTE · NOTES
3612	10 coppie pairs paires	Il prodotto è composto da una barra dx e una barra sx The product consists of a right bar and a left bar Le produit est composé d'une barre droite et d'une barre gauche

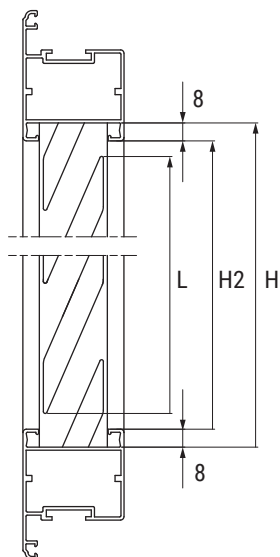




1

MISURARE H2 E TROVARE IL VALORE L < H2 CORRISPONDENTE NELLA TABELLA
 MEASURE H2 AND FIND CORRESPONDING L < H2 VALUE IN THIS TABLE
 MESURER H2 ET TROUVER LA VALEUR L < H2 CORRESPONDANTE DANS LE TABLEAU

N° = Numero di ovaline · Number of slats · Nombre de lamelles



L	N°	L	N°	L	N°	L	N°	L	N°
377	6	1362	23	2348	40	3334	57	4320	74
434	7	1420	24	2406	41	3392	58	4378	75
492	8	1478	25	2464	42	3450	59	4436	76
550	9	1536	26	2522	43	3508	60	4494	77
608	10	1594	27	2580	44	3566	61	4552	78
666	11	1652	28	2638	45	3624	62	4610	79
724	12	1710	29	2696	46	3682	63	4668	80
782	13	1768	30	2754	47	3740	64	4726	81
840	14	1826	31	2812	48	3798	65	4784	82
898	15	1884	32	2870	49	3856	66	4842	83
956	16	1942	33	2928	50	3914	67	4900	84
1014	17	2000	34	2986	51	3972	68	4958	85
1072	18	2058	35	3044	52	4030	69	5016	86
1130	19	2116	36	3102	53	4088	70	5074	87
1188	20	2174	37	3160	54	4146	71	5132	88
1246	21	2232	38	3218	55	4204	72	5190	89
1304	22	2290	39	3276	56	4262	73	5248	90

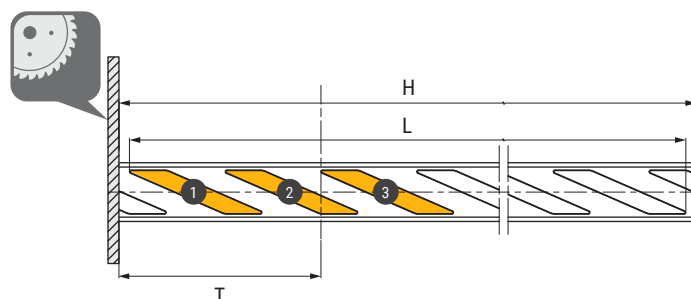
2

APPLICARE LA SEGUENTE FORMULA PER RICAVARE LA MISURA T
 FIND T BY USING THE FOLLOWING FORMULA
 TROUVER T À L'AIDE DE LA FORMULE SUIVANTE

$$T = \frac{H2 - L}{2} + 126,5$$

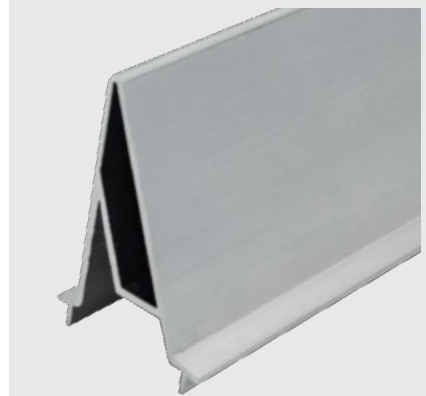
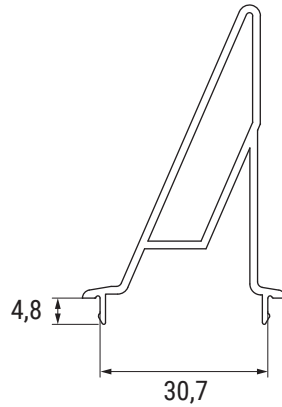
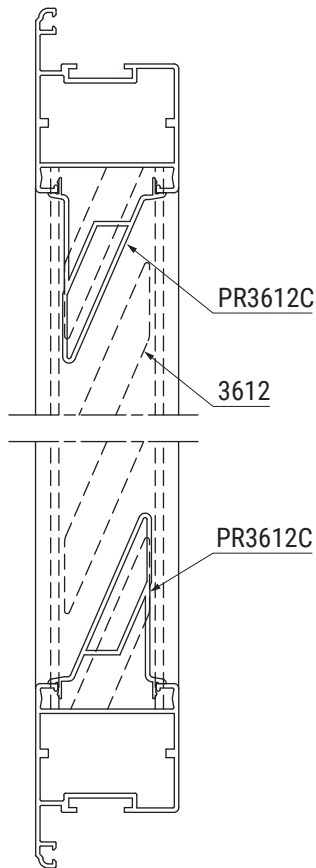
3

PARTENDO DAL RACCORDO DELLA 3ª ASOLA INTERA SEGNARE IL VALORE T E POSIZIONARSI IN CORRISPONDENZA DELL'INTERNO LAMA
 STARTING FROM THE CONNECTION OF THE THIRD FULL SLOT, MARK THE T VALUE AND POSITION AT THE INSIDE OF THE BLADE
 À PARTIR DE LA CONNEXION DE LA TROISIÈME FENTE ENTIÈRE, MARQUER LA VALEUR T ET SE POSITIONNER À L'INTÉRIEUR DE LA LAME



4

SULLA TRONCATRICE IMPOSTARE H COME LUNGHEZZA DI TAGLIO E PROCEDERE QUINDI CON IL TAGLIO DEL PRETRANCIATO
 ON THE MITER SAW SET H AS THE CUTTING LENGTH AND THEN PROCEED WITH CUTTING THE PRE-CUT SLATS
 SUR LA TRONÇONNEUSE, RÉGLER H COMME LONGUEUR DE COUPE, PUIS PROCÉDER À LA COUPE DES LATTES PRÉDECOUPEES



Barra profilo compensatore
L=6500 mm per art. 3612

Compensating profile
L=6500 mm, for slats 3612

Profilé de compensation
L=6500 mm, pour lattes 3612

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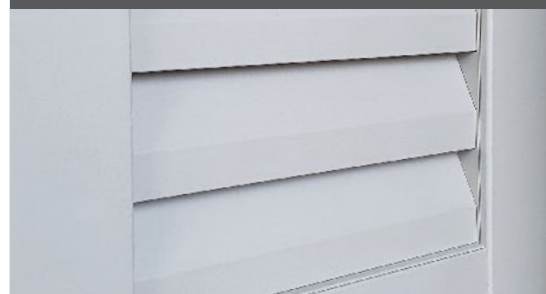


Alluminio Grezzo
Aluminium Raw · Brut

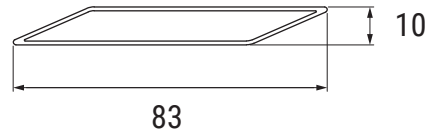


Centro Storico
83 x 10 mm

CODICE		NOTE · NOTES
PR3612C	L= 6500mm	



PR3612L



Profilo lamella 83x10 L=6500 mm
per art. 3612, 3634 e 3635

Slat profile 83x10 L=6500 mm for
art. 3612, 3634 and 3635

Profilé pour lamelle 83x10 L=6500
mm pour art. 3612, 3634 et 3635

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CODICE		NOTE · NOTES
PR3612L	L=6500 mm	

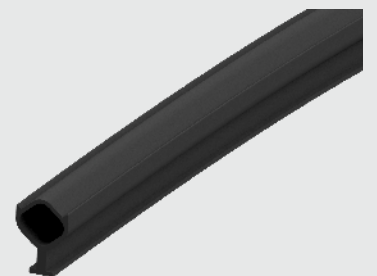


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180.GU7227



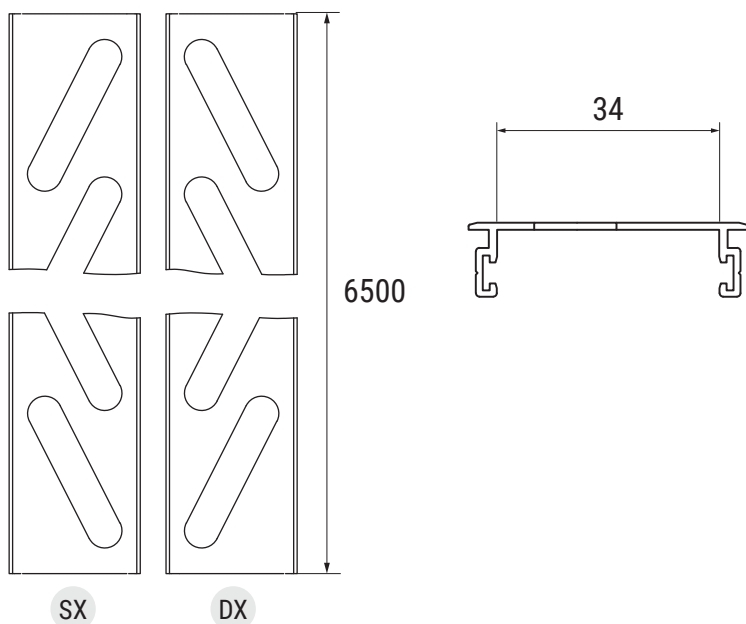
Guarnizione in profilflex
per art. 3312 e 3612 - 300 m

Profilflex gasket
for 3312 and 3612 - 300 m

Profilflex joint
pour 3312 et 3612 - 300 m

CODICE		NOTE · NOTES
180.GU7227	300 m	

3334



Coppia barre pretranciato, L 6500 mm, cava 35 mm

Louvers for fixed slats shutters
50 x 10 mm - Slot 35 mm

Lattes pour volets, lamelles fixes
50 x 10 mm - Rainure 35 mm

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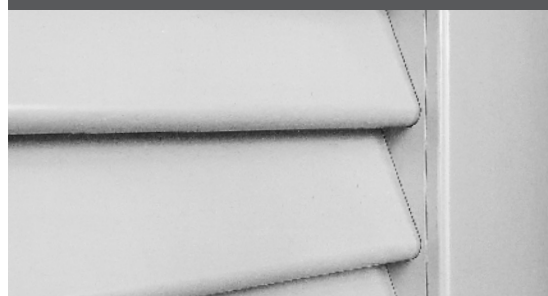
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 Aluminium Raw · Brut

DIMENSIONI PROFILI COMPATIBILI COMPATIBLE PROFILE SIZE · DIMENSIONS DU PROFILS COMPATIBLE	
<p>50 10</p>	<p>35 9</p>

50 x 10 mm

CODICE		NOTE · NOTES
3334	10 coppie pairs paires	Il prodotto è composto da una barra dx e una barra sx The product consists of a right bar and a left bar Le produit est composé d'une barre droite et d'une barre gauche

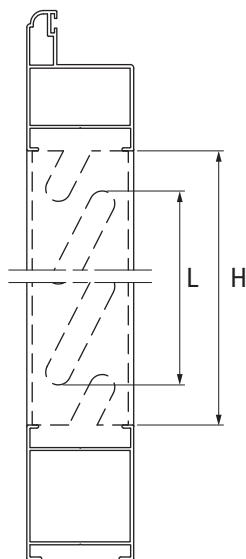




1

MISURARE **H** E TROVARE IL VALORE **L < H** CORRISPONDENTE NELLA TABELLA
MEASURE **H** AND FIND CORRESPONDING **L < H** VALUE ON THE TABLE
MESURER **H** ET TROUVER LA VALEUR **L < H** CORRESPONDANTE DANS LE TABLEAU

N° = Numero di ovaline · Number of slats · Nombre de lamelles



262	6	976	23	1690	40	2404	57	3077	74
304	7	1018	24	1732	41	2446	58	3077	75
346	8	1060	25	1774	42	2488	59	3077	76
388	9	1102	26	1816	43	2530	60	3077	77
430	10	1144	27	1858	44	2572	61	3077	78
472	11	1186	28	1900	45	2614	62	3077	79
514	12	1228	29	1942	46	2656	63	3077	80
556	13	1270	30	1984	47	2698	64	3077	81
598	14	1312	31	2026	48	2740	65	3077	82
640	15	1354	32	2068	49	2782	66	3077	83
682	16	1396	33	2110	50	2824	67	3077	84
724	17	1438	34	2152	51	2866	68	3077	85
766	18	1480	35	2194	52	2908	69	3077	86
808	19	1522	36	2236	53	2950	70	3077	87
850	20	1564	37	2278	54	2992	71	3077	88
892	21	1606	38	2320	55	3034	72	3077	89
934	22	1648	39	2362	56	3076	73	3077	90

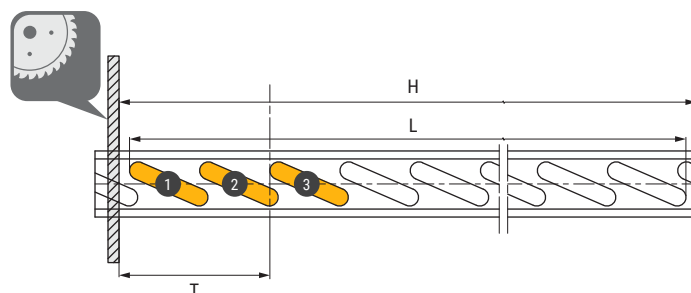
2

APPLICARE LA SEGUENTE FORMULA PER RICAVARE LA MISURA **T**
FIND **T** BY USING THE FOLLOWING FORMULA
TROUVER **T** À L'AIDE DE LA FORMULE SUIVANTE

$$T = \frac{H - L}{2} + 87$$

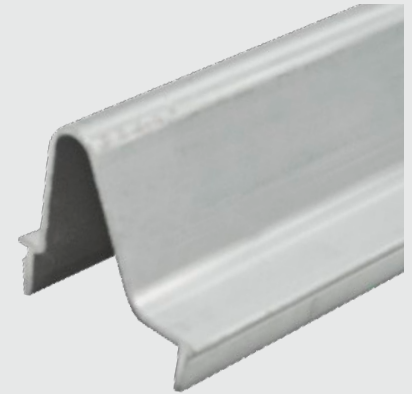
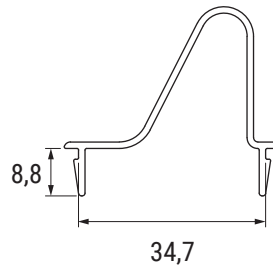
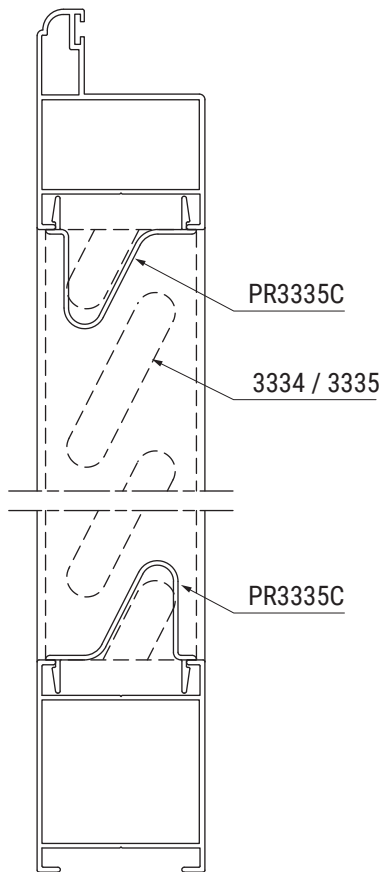
3

PARTENDO DAL RACCORDO DELLA 3ª ASOLA INTERA SEGNARE IL VALORE **T** E POSIZIONARSI IN CORRISPONDENZA DELL'INTERNO LAMA
STARTING FROM THE CONNECTION OF THE THIRD FULL SLOT, MARK THE **T** VALUE AND POSITION AT THE INSIDE OF THE BLADE
À PARTIR DE LA CONNEXION DE LA TROISIÈME FENTE ENTIÈRE, MARQUER LA VALEUR **T** ET SE POSITIONNER À L'INTÉRIEUR DE LA LAME



4

SULLA TRONCATRICE IMPOSTARE **H** COME LUNGHEZZA DI TAGLIO E PROCEDERE QUINDI CON IL TAGLIO DEL PRETRANCIATO
ON THE MITER SAW SET **H** AS THE CUTTING LENGTH AND THEN PROCEED WITH CUTTING THE PRE-CUT SLATS
SUR LA TRONÇONNEUSE, RÉGLER **H** COMME LONGUEUR DE COUPE, PUIS PROCÉDER À LA COUPE DES LATTES PRÉDECOURPÉES



Barra profilo compensatore
L=6500 mm, per art. 3334 e 3335
Compensating profile L=6500 mm,
for slats 3334 and 3335
Profilé de compensation L=6500 mm,
pour lattes 3334 et 3335

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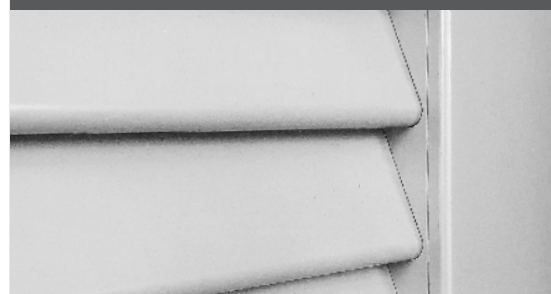


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Aluminium Raw · Brut



50 x 10 mm

CODICE		NOTE · NOTES
PR3335C	L= 6500mm	





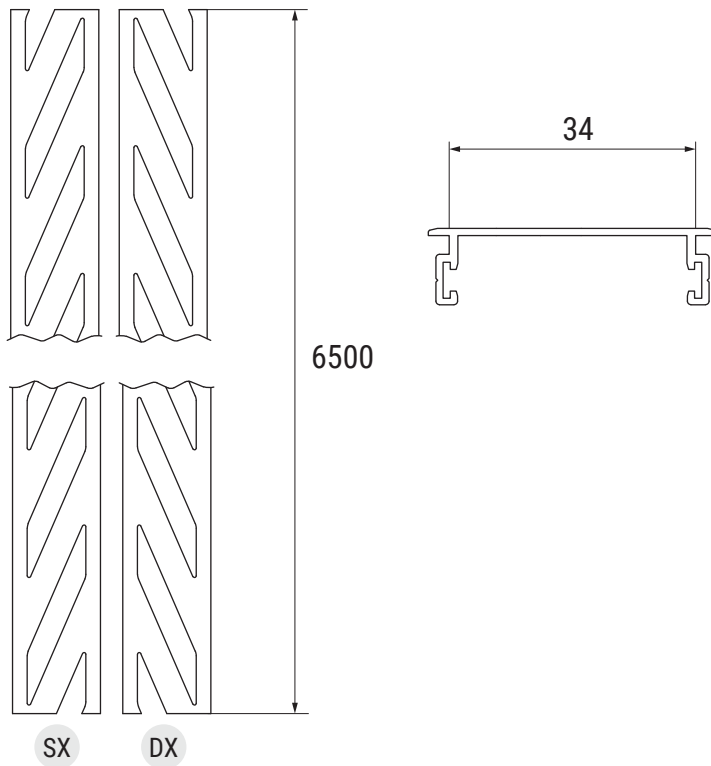
Guarnizione per art. 3334 e 3335 -
250 m

Gasket for 3334 and 3335 - 250 m

Joint pour 3334 et 3335 - 250 m

CODICE		NOTE · NOTES
180.GU596	250 m	

3634




Coppia barre pretranciato per lamella
83 x 10 mm - Cava 35 mm

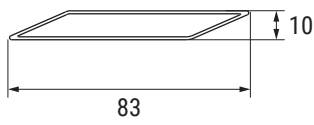
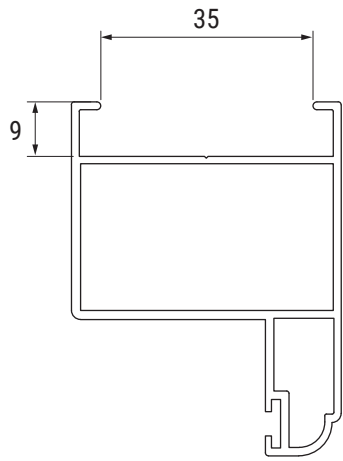
Louvers for fixed slats shutters
83 x 10 mm - Slot 35 mm

Lattes pour volets, lamelles fixes
83 x 10 mm - Rainure 35 mm


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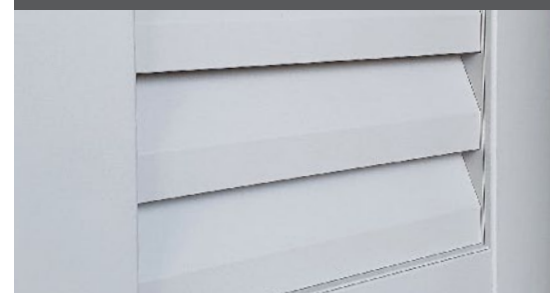
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 Alluminio Grezzo
 Aluminium Raw · Brut

DIMENSIONI PROFILI COMPATIBILI COMPATIBLE PROFILE SIZE · DIMENSIONS DU PROFILS COMPATIBLE	
	

 Centro Storico
83 x 10 mm

CODICE		NOTE · NOTES
3634	10 coppie pairs paires	Il prodotto è composto da una barra dx e una barra sx The product consists of a right bar and a left bar Le produit est composé d'une barre droite et d'une barre gauche

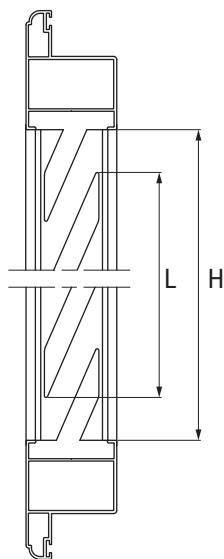




1

MISURARE **H** E TROVARE IL VALORE **L < H** CORRISPONDENTE NELLA TABELLA
 MEASURE **H** AND FIND CORRESPONDING **L < H** VALUE IN THIS TABLE
 MESURER **H** ET TROUVER LA VALEUR **L < H** CORRESPONDANTE DANS LE TABLEAU

N° = Numero di ovaline · Number of slats · Nombre de lamelles



L	N°	L	N°	L	N°	L	N°	L	N°
376	6	1362	23	2348	40	3334	57	4320	74
434	7	1420	24	2406	41	3392	58	4378	75
492	8	1478	25	2464	42	3450	59	4436	76
550	9	1536	26	2522	43	3508	60	4494	77
608	10	1594	27	2580	44	3566	61	4552	78
666	11	1652	28	2638	45	3624	62	4610	79
724	12	1710	29	2696	46	3682	63	4668	80
782	13	1768	30	2754	47	3740	64	4726	81
840	14	1826	31	2812	48	3798	65	4784	82
898	15	1884	32	2870	49	3856	66	4842	83
956	16	1942	33	2928	50	3914	67	4900	84
1014	17	2000	34	2986	51	3972	68	4958	85
1072	18	2058	35	3044	52	4030	69	5016	86
1130	19	2116	36	3102	53	4088	70	5074	87
1188	20	2174	37	3160	54	4146	71	5132	88
1246	21	2232	38	3218	55	4204	72	5190	89
1304	22	2290	39	3276	56	4262	73	5248	90

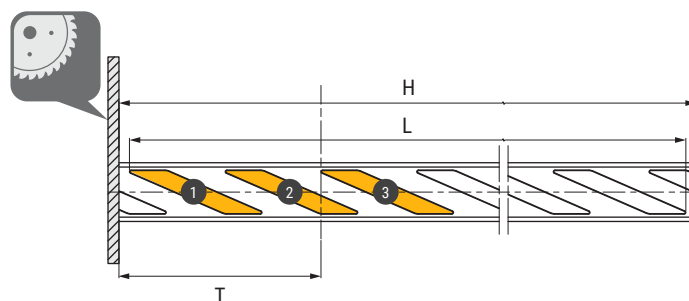
2

APPLICARE LA SEGUENTE FORMULA PER RICAIVARE LA MISURA **T**
 FIND **T** BY USING THE FOLLOWING FORMULA
 TROUVER **T** À L'AIDE DE LA FORMULE SUIVANTE

$$T = \frac{H - L}{2} + 118,5$$

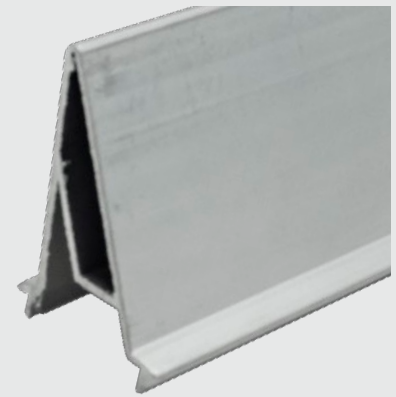
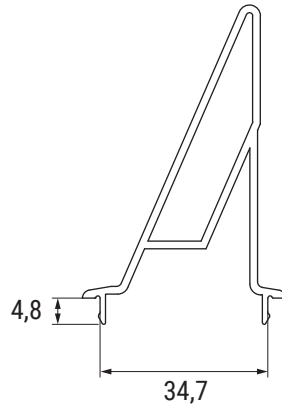
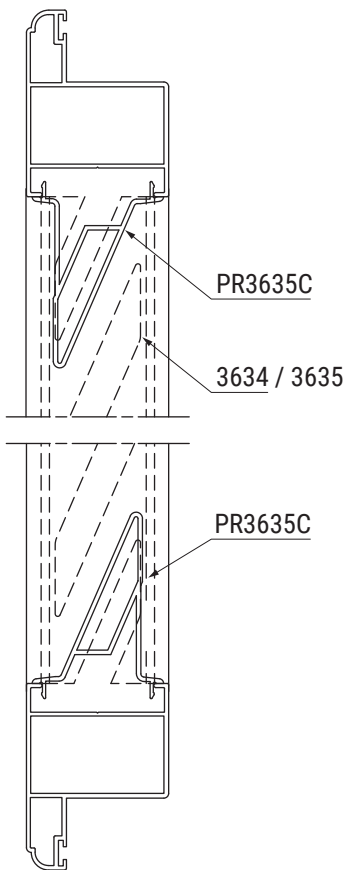
3

PARTENDO DAL RACCORDO DELLA 3ª ASOLA INTERA SEGNARE IL VALORE **T** E POSIZIONARSI IN CORRISPONDENZA DELL'INTERNO LAMA
 STARTING FROM THE CONNECTION OF THE THIRD FULL SLOT, MARK THE **T** VALUE AND POSITION AT THE INSIDE OF THE BLADE
 À PARTIR DE LA CONNEXION DE LA TROISIÈME FENTE ENTIÈRE, MARQUER LA VALEUR **T** ET SE POSITIONNER À L'INTÉRIEUR DE LA LAME



4

SULLA TRONCATRICE IMPOSTARE **H** COME LUNGHEZZA DI TAGLIO E PROCEDERE QUINDI CON IL TAGLIO DEL PRETRANCIATO
 ON THE MITER SAW SET **H** AS THE CUTTING LENGTH AND THEN PROCEED WITH CUTTING THE PRE-CUT SLATS
 SUR LA TRONÇONNEUSE, RÉGLER **H** COMME LONGUEUR DE COUPE, PUIS PROCÉDER À LA COUPE DES LATTES PRÉDECOURPÉES



Barra profilo compensatore
L=6500 mm per art. 3634 o 3635

Compensating profile
L=6500 mm, for slats 3634 or 3635

Profilé de compensation
L=6500 mm, pour lattes 3634 or 3635

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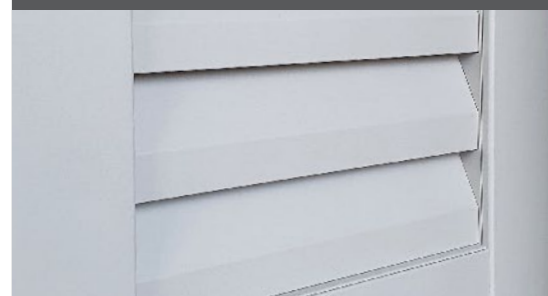


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Aluminium Raw · Brut

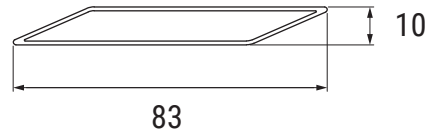


Centro Storico
83 x 10 mm

CODICE		NOTE · NOTES
PR3635C	L= 6500mm	



PR3612L



Profilo lamella 83x10 L=6500 mm
per art. 3612, 3634 e 3635

Slat profile 83x10 L=6500 mm for
art. 3612, 3634 and 3635

Profilé pour lamelle 83x10 L=6500
mm pour art. 3612, 3634 et 3635

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CODICE		NOTE · NOTES
PR3612L	L=6500 mm	



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Alluminio Grezzo
Aluminium Raw · Brut

180.GU596



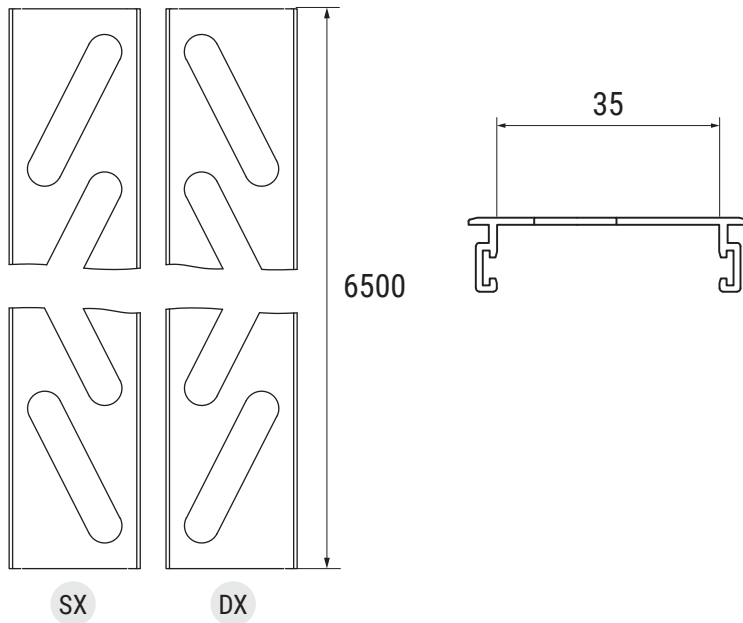
Guarnizione per art. 3334 e 3335 -
250 m

Gasket for 3334 and 3335 - 250 m

Joint pour 3334 et 3335 - 250 m

CODICE		NOTE · NOTES
180.GU596	250 m	

3335



Coppia barre pretranciato, L 6500 mm, cava 36 mm

Louvers for fixed slats shutters
50 x 10 mm - Slot 36 mm

Lattes pour volets, lamelles fixes
50 x 10 mm - Rainure 36 mm

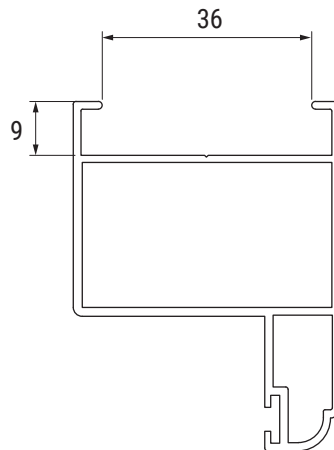
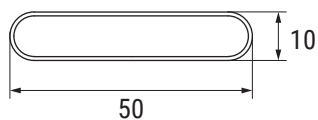
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DIMENSIONI PROFILI COMPATIBILI

COMPATIBLE PROFILE SIZE · DIMENSIONS DU PROFILS COMPATIBLE



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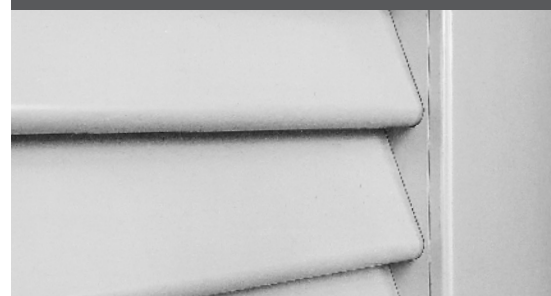


Alluminio Grezzo
Aluminium Raw · Brut



50 x 10 mm

CODICE		NOTE · NOTES
3335	10 coppie pairs paires	Il prodotto è composto da una barra dx e una barra sx The product consists of a right bar and a left bar Le produit est composé d'une barre droite et d'une barre gauche

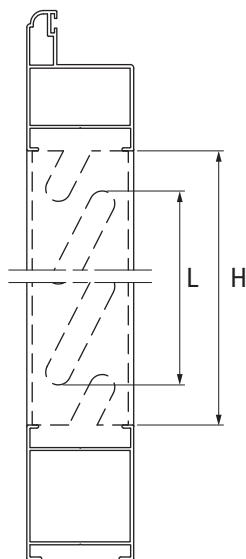




1

MISURARE **H** E TROVARE IL VALORE **L < H** CORRISPONDENTE NELLA TABELLA
 MEASURE **H** AND FIND CORRESPONDING **L < H** VALUE ON THE TABLE
 MESURER **H** ET TROUVER LA VALEUR **L < H** CORRESPONDANTE DANS LE TABLEAU

N° = Numero di ovaline · Number of slats · Nombre de lamelles



L	N°	L	N°	L	N°	L	N°	L	N°
262	6	976	23	1690	40	2404	57	3077	74
304	7	1018	24	1732	41	2446	58	3077	75
346	8	1060	25	1774	42	2488	59	3077	76
388	9	1102	26	1816	43	2530	60	3077	77
430	10	1144	27	1858	44	2572	61	3077	78
472	11	1186	28	1900	45	2614	62	3077	79
514	12	1228	29	1942	46	2656	63	3077	80
556	13	1270	30	1984	47	2698	64	3077	81
598	14	1312	31	2026	48	2740	65	3077	82
640	15	1354	32	2068	49	2782	66	3077	83
682	16	1396	33	2110	50	2824	67	3077	84
724	17	1438	34	2152	51	2866	68	3077	85
766	18	1480	35	2194	52	2908	69	3077	86
808	19	1522	36	2236	53	2950	70	3077	87
850	20	1564	37	2278	54	2992	71	3077	88
892	21	1606	38	2320	55	3034	72	3077	89
934	22	1648	39	2362	56	3076	73	3077	90

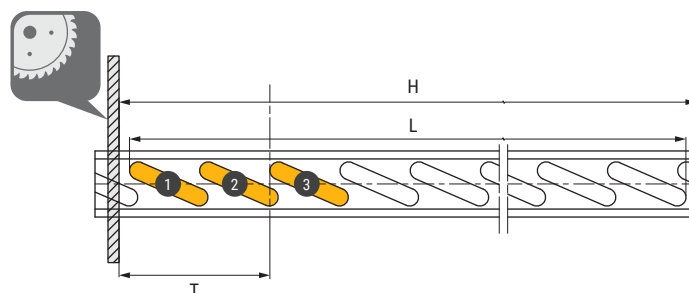
2

APPLICARE LA SEGUENTE FORMULA PER RICAVARE LA MISURA **T**
 FIND **T** BY USING THE FOLLOWING FORMULA
 TROUVER **T** À L'AIDE DE LA FORMULE SUIVANTE

$$T = \frac{H - L}{2} + 87$$

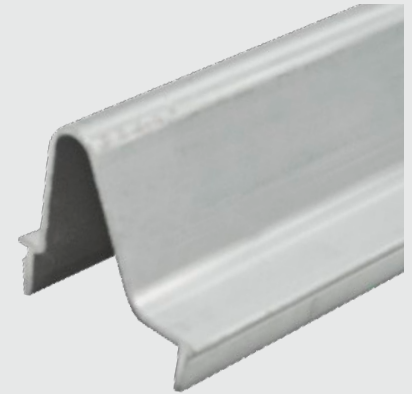
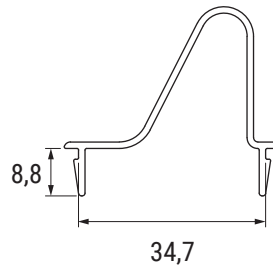
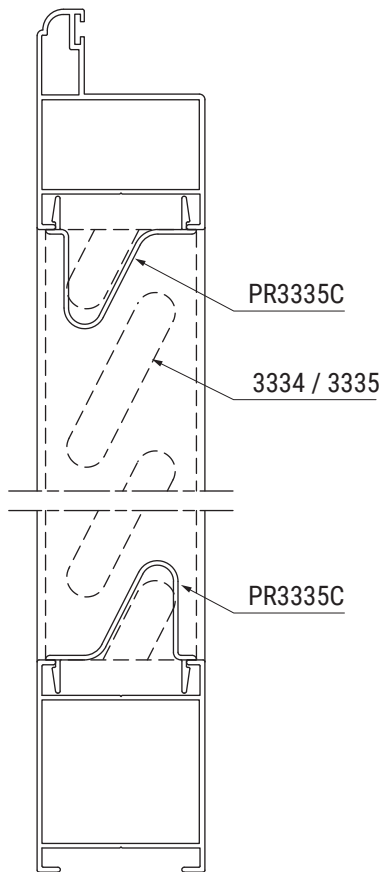
3

PARTENDO DAL RACCORDO DELLA 3ª ASOLA INTERA SEGNARE IL VALORE **T** E POSIZIONARSI IN CORRISPONDENZA DELL'INTERNO LAMA
 STARTING FROM THE CONNECTION OF THE THIRD FULL SLOT, MARK THE **T** VALUE AND POSITION AT THE INSIDE OF THE BLADE
 À PARTIR DE LA CONNEXION DE LA TROISIÈME FENTE ENTIÈRE, MARQUER LA VALEUR **T** ET SE POSITIONNER À L'INTÉRIEUR DE LA LAME



4

SULLA TRONCATRICE IMPOSTARE **H** COME LUNGHEZZA DI TAGLIO E PROCEDERE QUINDI CON IL TAGLIO DEL PRETRANCIATO
 ON THE MITER SAW SET **H** AS THE CUTTING LENGTH AND THEN PROCEED WITH CUTTING THE PRE-CUT SLATS
 SUR LA TRONÇONNEUSE, RÉGLER **H** COMME LONGUEUR DE COUPE, PUIS PROCÉDER À LA COUPE DES LATTES PRÉDECOURPÉES



Barra profilo compensatore
L=6500 mm, per art. 3334 e 3335
Compensating profile L=6500 mm,
for slats 3334 and 3335
Profilé de compensation L=6500 mm,
pour lattes 3334 et 3335

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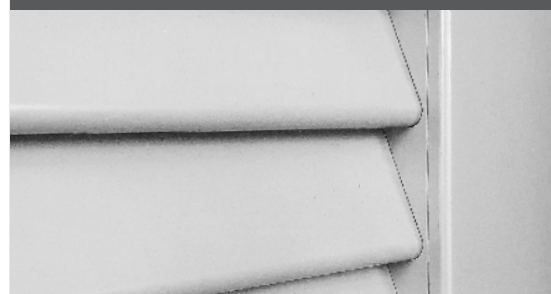


Alluminio Grezzo
Aluminium Raw · Brut



50 x 10 mm

CODICE		NOTE · NOTES
PR3335C	L= 6500mm	





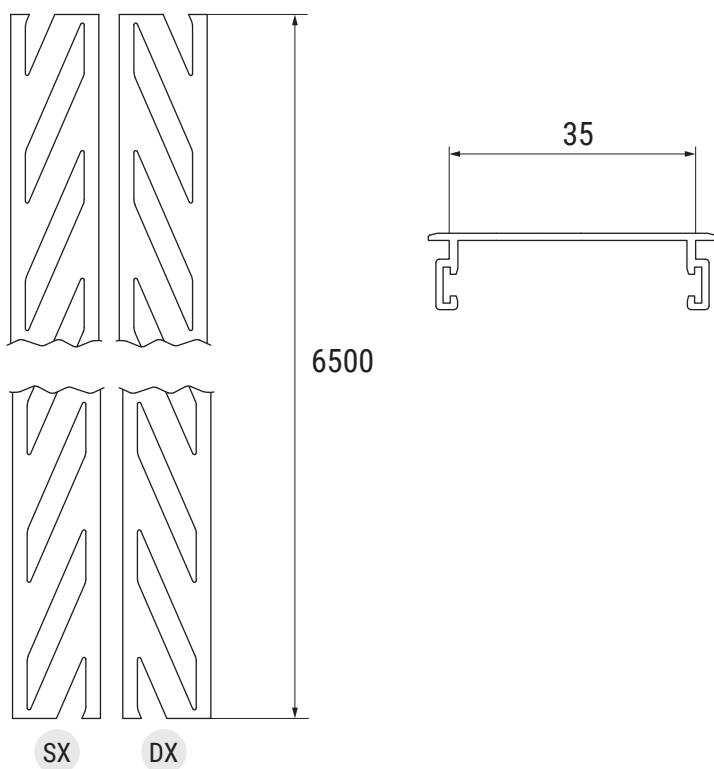
Guarnizione per art. 3334 e 3335 -
250 m

Gasket for 3334 and 3335 - 250 m

Joint pour 3334 et 3335 - 250 m

CODICE		NOTE · NOTES
180.GU596	250 m	

3635



Coppia barre pretranciato per lamella
83 x 10 mm - Cava 36 mm

Louvers for fixed slats shutters
83 x 10 mm - Slot 36 mm

Lattes pour volets, lamelles fixes
83 x 10 mm - Rainure 36 mm

WWW.HAMMER.BIZ
 Scheda tecnica online
 Technical data sheet online
 Fiche technique en ligne

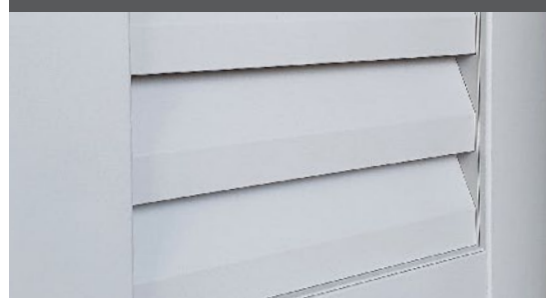
FINITURA
 FINISHING · FINITION

Alluminio Grezzo
 Aluminium Raw · Brut

DIMENSIONI PROFILI COMPATIBILI COMPATIBLE PROFILE SIZE · DIMENSIONS DU PROFILS COMPATIBLE	

Centro Storico
83 x 10 mm

CODICE		NOTE · NOTES
3635	10 coppie pairs paires	Il prodotto è composto da una barra dx e una barra sx The product consists of a right bar and a left bar Le produit est composé d'une barre droite et d'une barre gauche

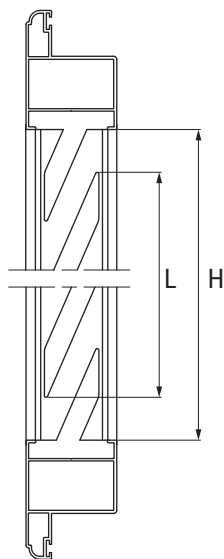




1

MISURARE **H** E TROVARE IL VALORE **L < H** CORRISPONDENTE NELLA TABELLA
 MEASURE **H** AND FIND CORRESPONDING **L < H** VALUE IN THIS TABLE
 MESURER **H** ET TROUVER LA VALEUR **L < H** CORRESPONDANTE DANS LE TABLEAU

N° = Numero di ovaline · Number of slats · Nombre de lamelles



L	N°	L	N°	L	N°	L	N°	L	N°
376	6	1362	23	2348	40	3334	57	4320	74
434	7	1420	24	2406	41	3392	58	4378	75
492	8	1478	25	2464	42	3450	59	4436	76
550	9	1536	26	2522	43	3508	60	4494	77
608	10	1594	27	2580	44	3566	61	4552	78
666	11	1652	28	2638	45	3624	62	4610	79
724	12	1710	29	2696	46	3682	63	4668	80
782	13	1768	30	2754	47	3740	64	4726	81
840	14	1826	31	2812	48	3798	65	4784	82
898	15	1884	32	2870	49	3856	66	4842	83
956	16	1942	33	2928	50	3914	67	4900	84
1014	17	2000	34	2986	51	3972	68	4958	85
1072	18	2058	35	3044	52	4030	69	5016	86
1130	19	2116	36	3102	53	4088	70	5074	87
1188	20	2174	37	3160	54	4146	71	5132	88
1246	21	2232	38	3218	55	4204	72	5190	89
1304	22	2290	39	3276	56	4262	73	5248	90

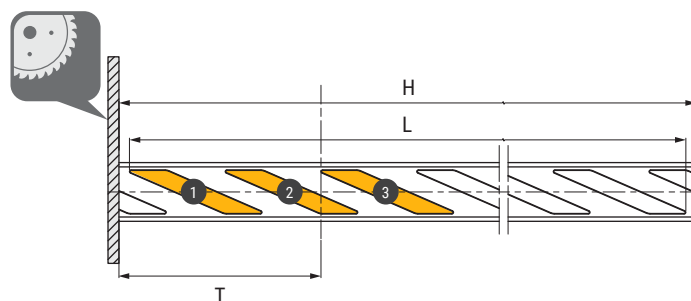
2

APPLICARE LA SEGUENTE FORMULA PER RICAVARE LA MISURA **T**
 FIND **T** BY USING THE FOLLOWING FORMULA
 TROUVER **T** À L'AIDE DE LA FORMULE SUIVANTE

$$T = \frac{H - L}{2} + 118,5$$

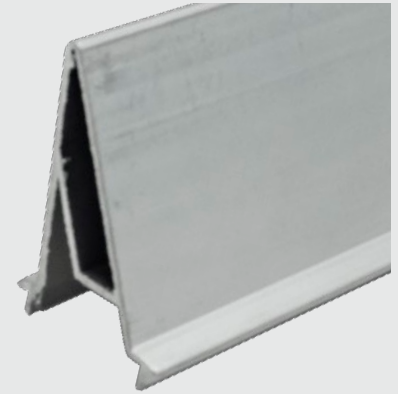
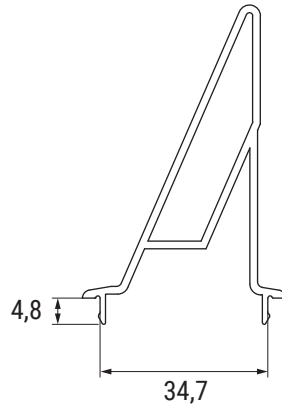
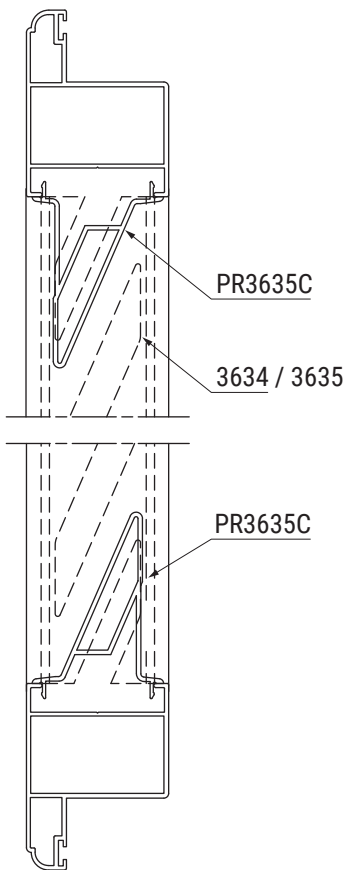
3

PARTENDO DAL RACCORDO DELLA 3ª ASOLA INTERA SEGNARE IL VALORE **T** E POSIZIONARSI IN CORRISPONDENZA DELL'INTERNO LAMA
 STARTING FROM THE CONNECTION OF THE THIRD FULL SLOT, MARK THE **T** VALUE AND POSITION AT THE INSIDE OF THE BLADE
 À PARTIR DE LA CONNEXION DE LA TROISIÈME FENTE ENTIÈRE, MARQUER LA VALEUR **T** ET SE POSITIONNER À L'INTÉRIEUR DE LA LAME



4

SULLA TRONCATRICE IMPOSTARE **H** COME LUNGHEZZA DI TAGLIO E PROCEDERE QUINDI CON IL TAGLIO DEL PRETRANCIATO
 ON THE MITER SAW SET **H** AS THE CUTTING LENGTH AND THEN PROCEED WITH CUTTING THE PRE-CUT SLATS
 SUR LA TRONÇONNEUSE, RÉGLER **H** COMME LONGUEUR DE COUPE, PUIS PROCÉDER À LA COUPE DES LATTES PRÉDECOURPÉES



Barra profilo compensatore
L=6500 mm per art. 3634 o 3635

Compensating profile
L=6500 mm, for slats 3634 or 3635

Profilé de compensation
L=6500 mm, pour lattes 3634 or 3635

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Scheda tecnica online
Technical data sheet online
Fiche technique en ligne



FINITURA
FINISHING · FINITION

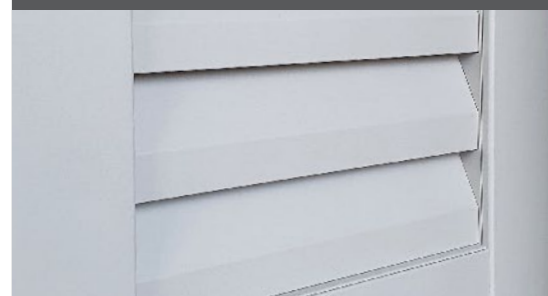


Alluminio Grezzo
Aluminium Raw · Brut

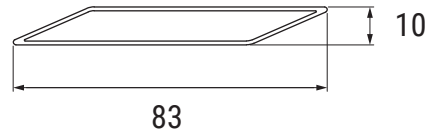


Centro Storico
83 x 10 mm

CODICE	 NOTE · NOTES
PR3635C	L= 6500mm



PR3612L



Profilo lamella 83x10 L=6500 mm
per art. 3612, 3634 e 3635

Slat profile 83x10 L=6500 mm for
art. 3612, 3634 and 3635

Profilé pour lamelle 83x10 L=6500
mm pour art. 3612, 3634 et 3635

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Scheda tecnica online
Technical data sheet online
Fiche technique en ligne

CODICE		NOTE · NOTES
PR3612L	L=6500 mm	

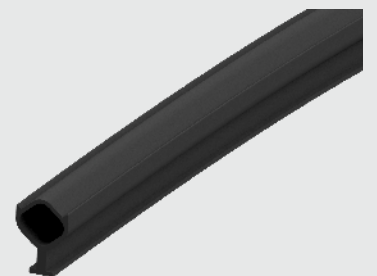


FINITURA
FINISHING · FINITION



Alluminio Grezzo
Aluminium Raw · Brut

180.GU596



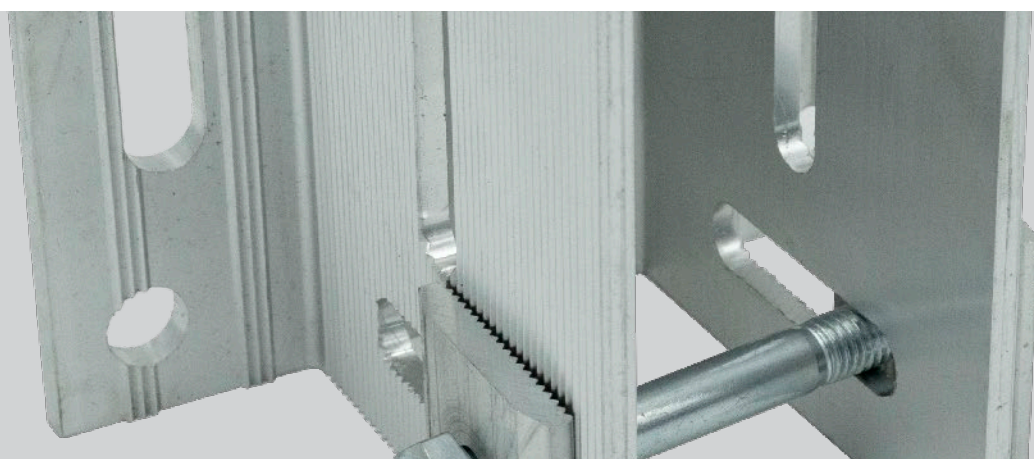
Guarnizione per art. 3334 e 3335 -
250 m

Gasket for 3334 and 3335 - 250 m

Joint pour 3334 et 3335 - 250 m

CODICE		NOTE · NOTES
180.GU596	250 m	

NOTE • NOTES



ACCESSORI PER FACCIATE

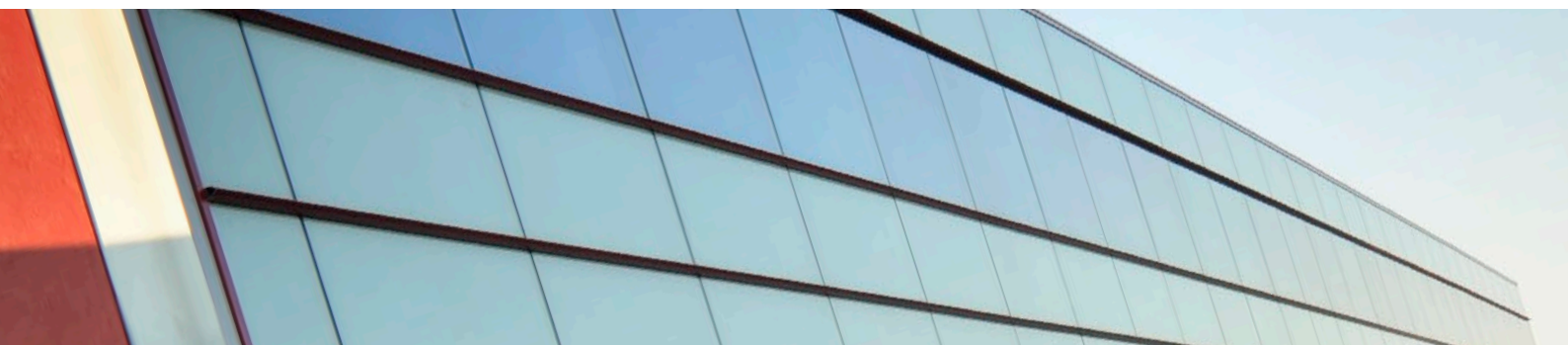
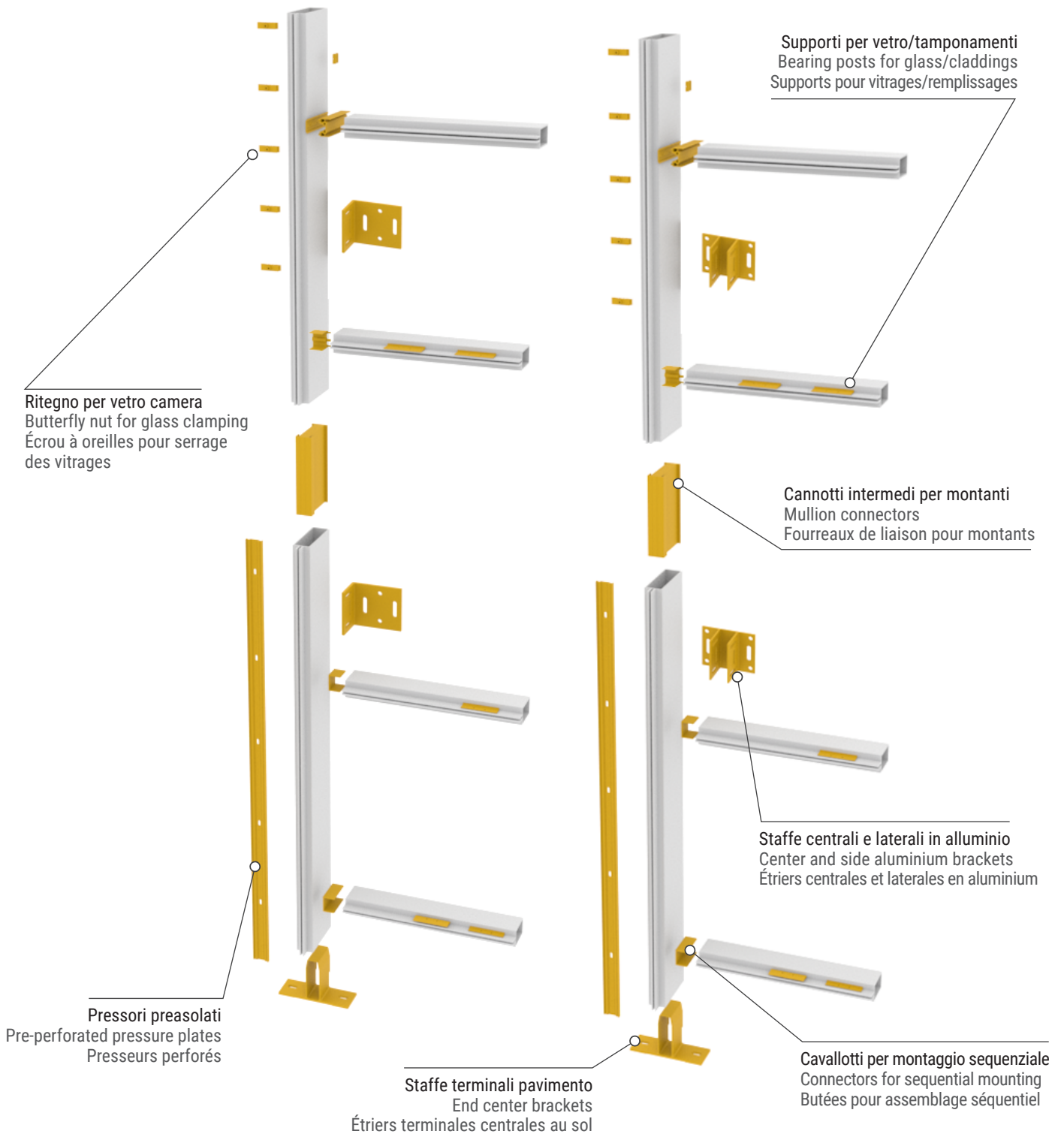
ACCESSORIES
FOR FACADES

ACCESSOIRES
POUR FAÇADES

ACCESSORI A DISEGNO PER MONTANTI E TRAVERSE

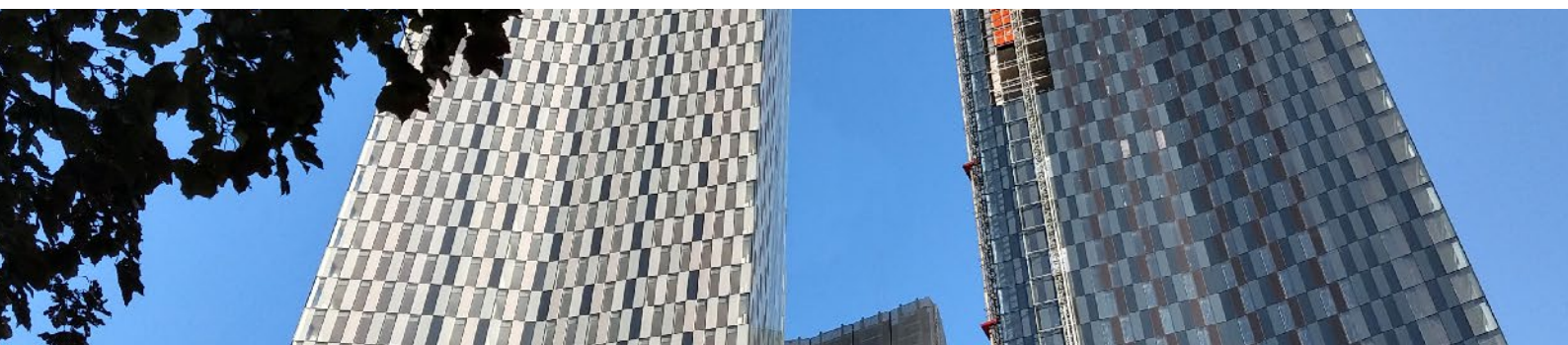
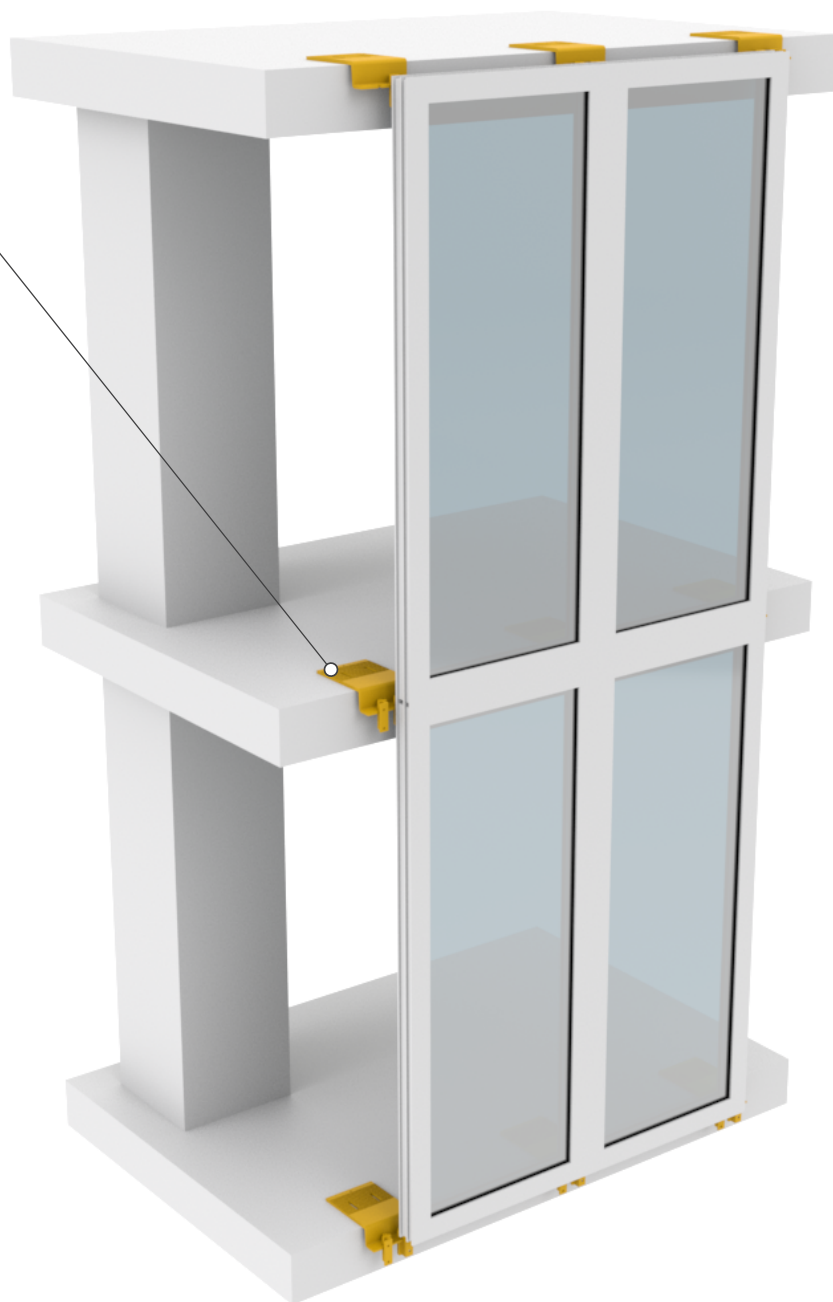
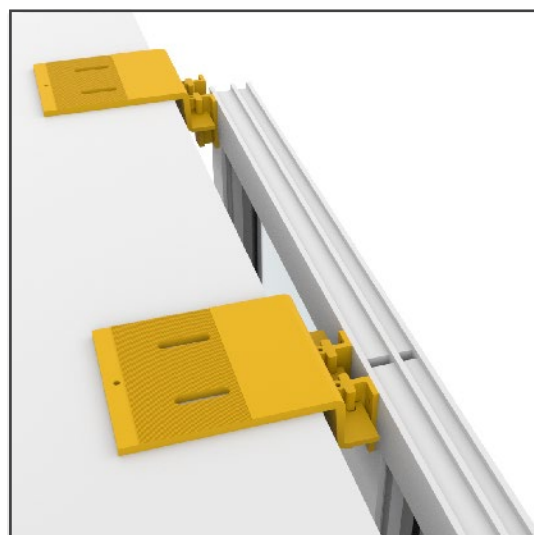
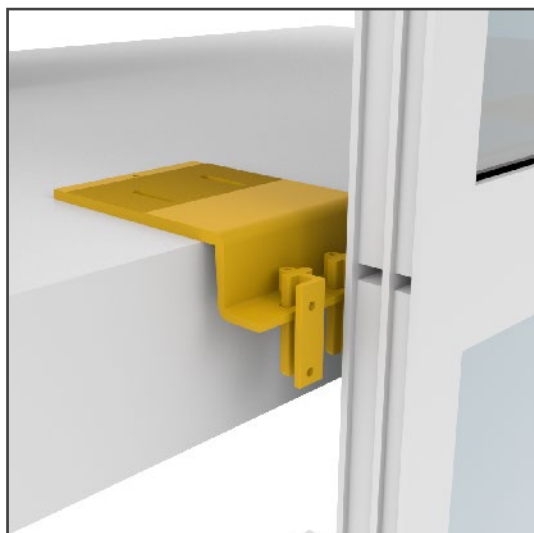
CUSTOMISED ACCESSORIES FOR MULLIONS AND TRANSOMS

ACCESSOIRES PERSONNALISÉS POUR MONTANTS ET TRAVERSES





Staffe in alluminio EN 1090
EN 1090 aluminium brackets
Étriers en aluminium EN 1090

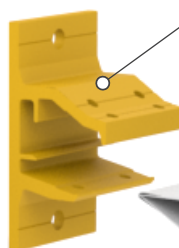


ACCESSORI A DISEGNO PER MONTANTI E TRAVERSE
CUSTOMISED ACCESSORIES FOR MULLIONS AND TRANSOMS
ACCESSOIRES PERSONNALISÉS POUR MONTANTS ET TRAVERSES

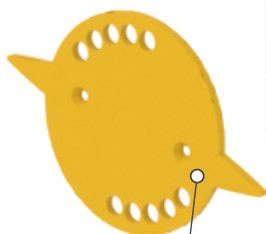




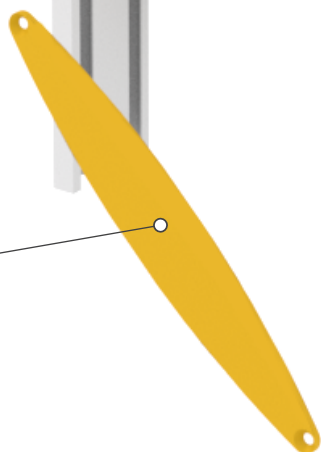
Cannotti di collegamento
Mullion connectors
Fourreaux de liaison



Cavallotti in alluminio
Aluminium joining brackets
Butées en aluminium



Tappi in alluminio
Aluminium caps
Emboûts en aluminium





Molletta di fissaggio lamiera per tamponamenti

Fixing clip for claddings

Pinces de fixation pour remplissages



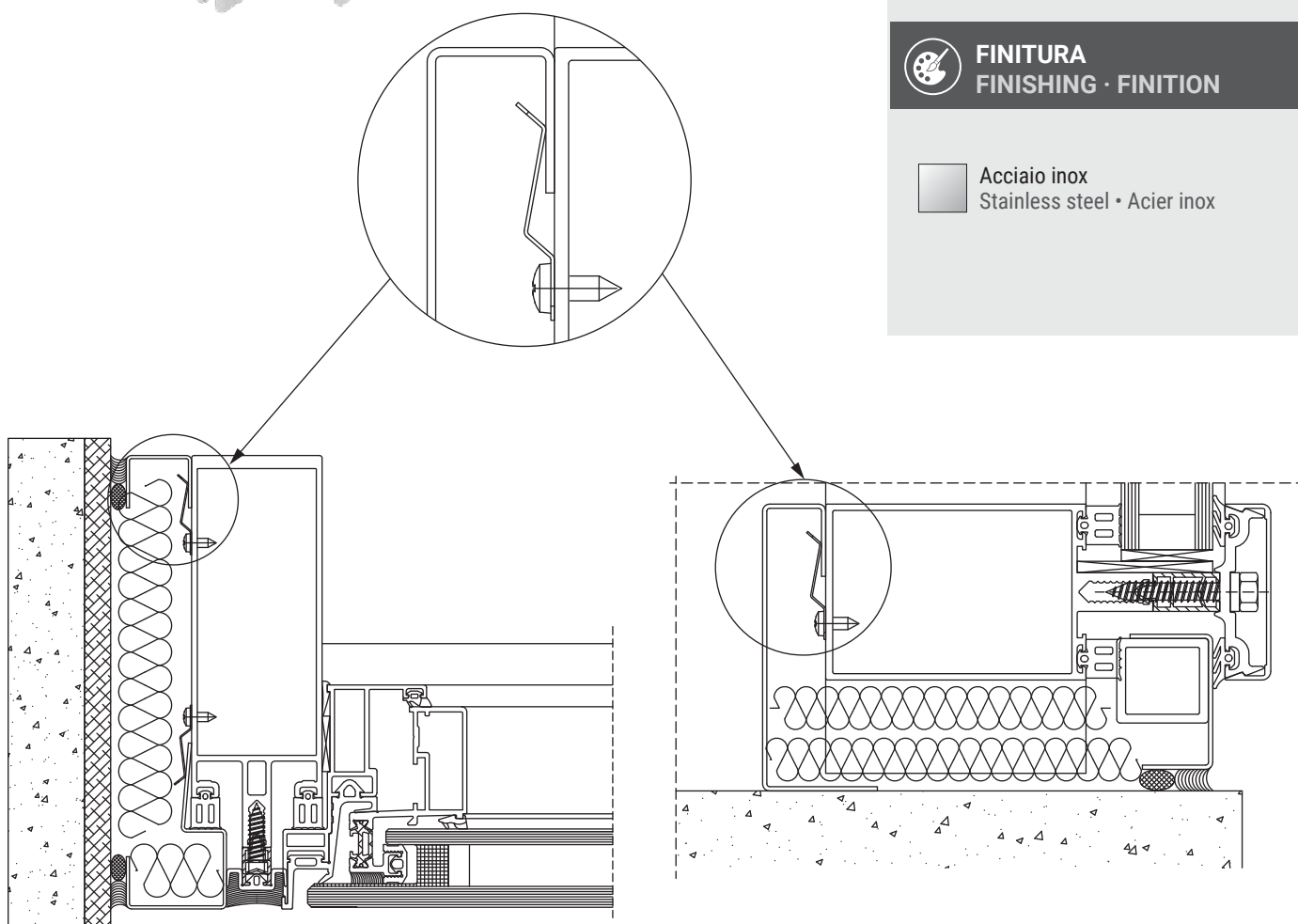
200 pz

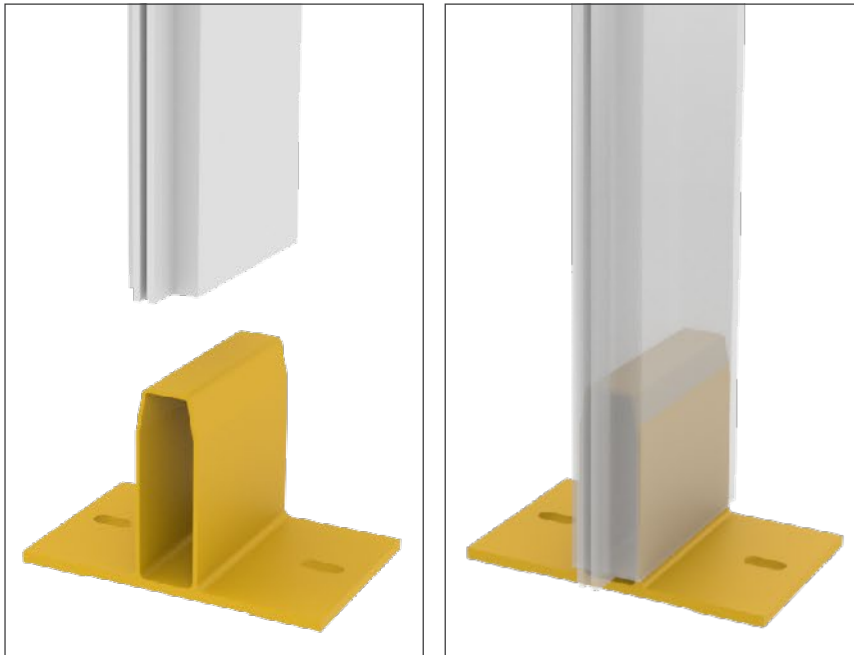


FINITURA
FINISHING · FINITION



Acciaio inox
Stainless steel · Acier inox

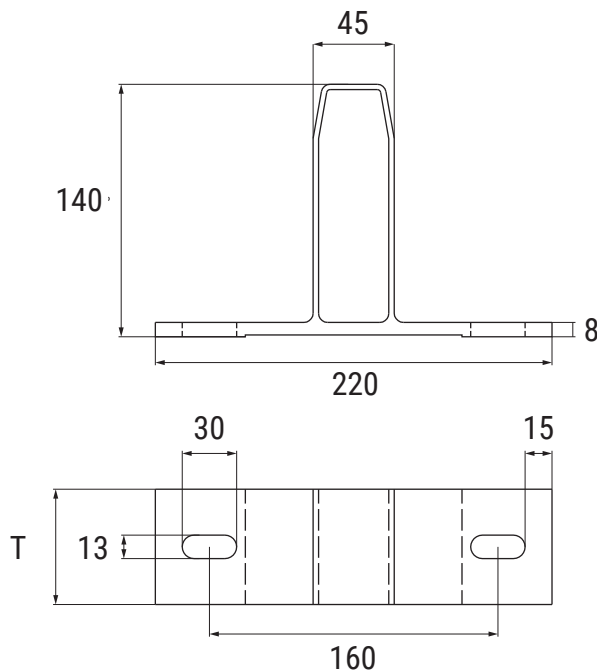




Staffa terminale in alluminio a pavimento

Aluminium end center bracket

Étrier terminale centrale en aluminium au sol



FINITURA
FINISHING · FINITION

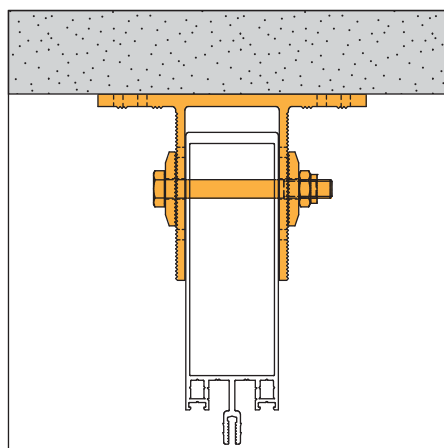
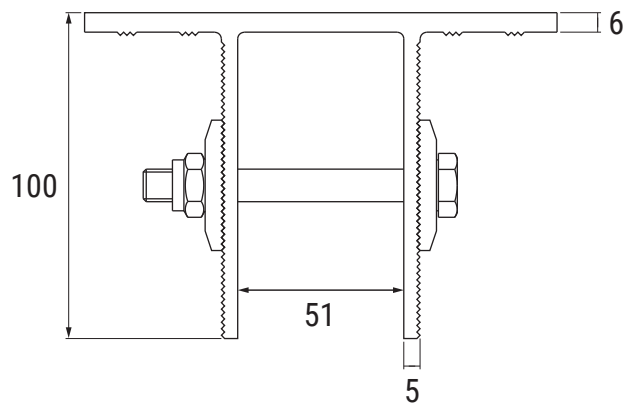
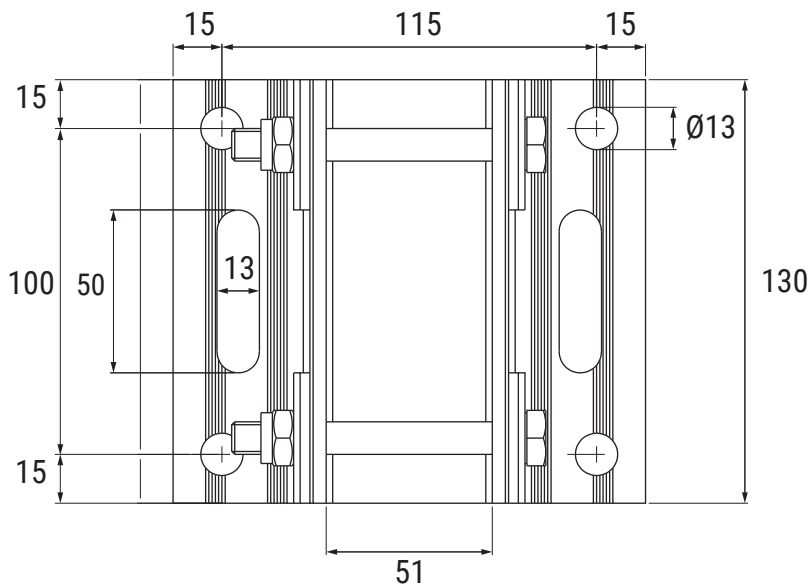


Alluminio Grezzo
Aluminium Raw · Brut

CODICE	T		NOTE · NOTES
1012	84	10 pz	
1013	109	10 pz	
1014	64	10 pz	
1033	33	10 pz	
1015	129	10 pz	



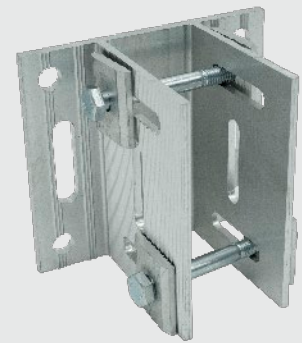
Prodotto personalizzabile su misura
Customisable product made to measure
Produit adaptable sur mesure



CODICE		NOTE · NOTES
1060	10 pz	



Prodotto personalizzabile su misura
Customisable product made to measure
Produit adaptable sur mesure




Staffa centrale in alluminio estruso
con viti e dado M10

Extruded aluminium center bracket
with M10 screws and nut


Étrier centrale en aluminium extrudé
avec vis M10 et écrou

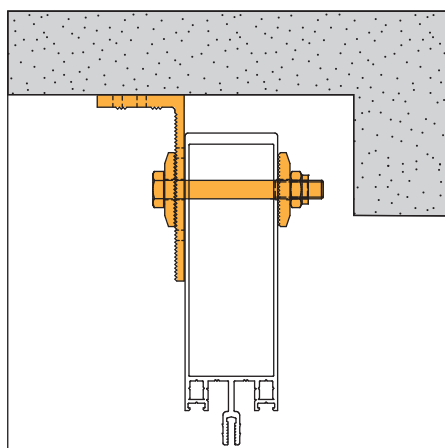
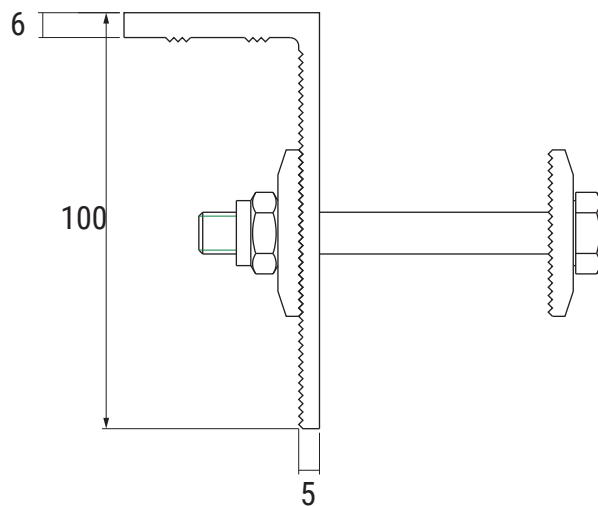
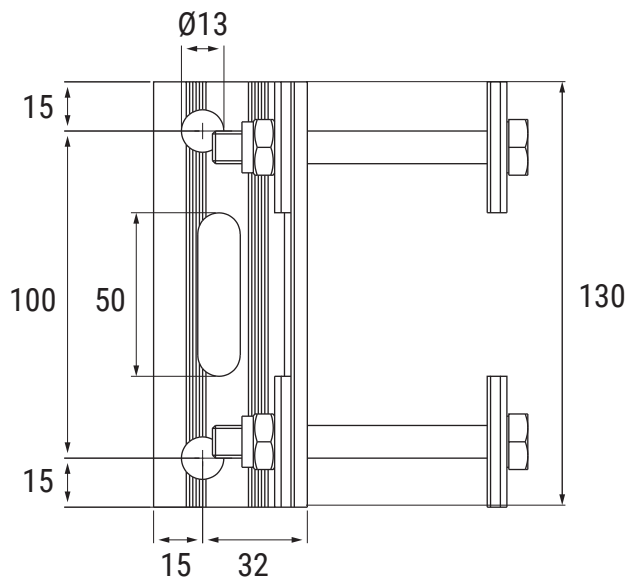


MATERIALE
MATERIAL · MATÉRIAU

 Alluminio Grezzo
Aluminium Raw · Brut

Viti · Screws · Vis

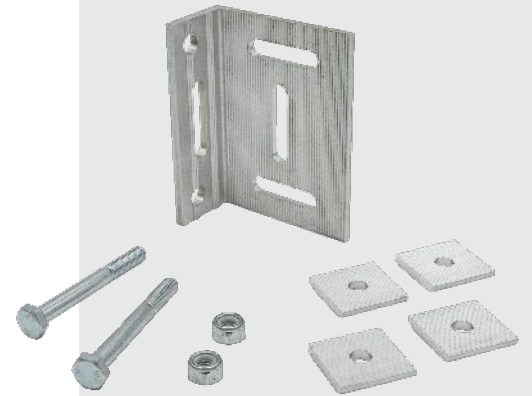
 ZB Acciaio zincato bianco
White galvanized steel
Acier zingué blanc



CODICE		NOTE · NOTES
1061	10 pz	



Prodotto personalizzabile su misura
 Customisable product made to measure
 Produit adaptable sur mesure




Staffa laterale in alluminio estruso
 con viti e dadi M10


Extruded aluminium side bracket with
 M10 screws and nut

Étrier latéral en aluminium extrudé
 avec vis M10 et écrou

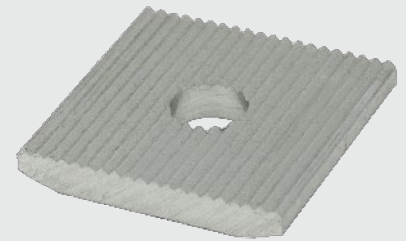
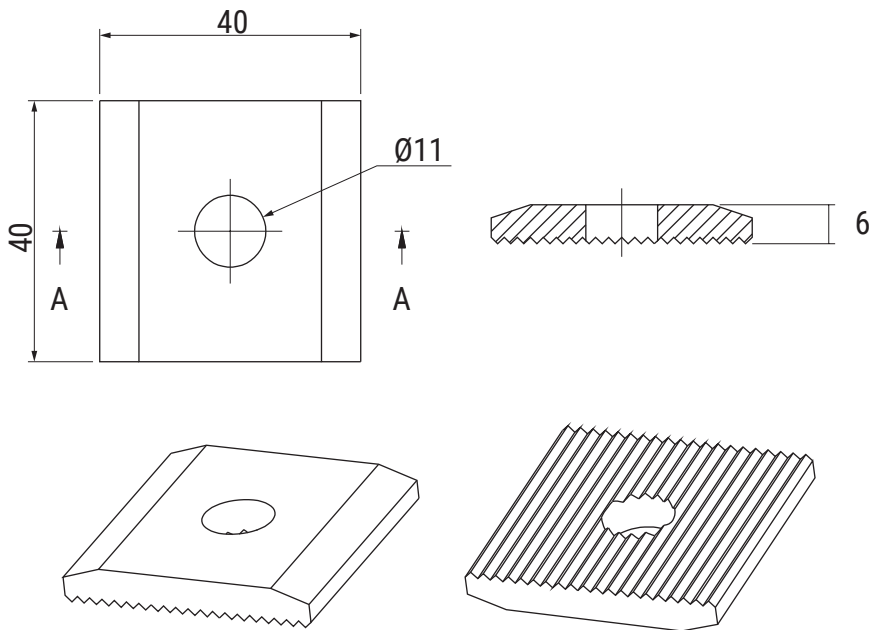
M MATERIALE
 MATERIAL · MATÉRIAU

 Alluminio Grezzo
 Aluminium Raw · Brut

Viti · Screws · Vis

 ZB Acciaio zincato bianco
 White galvanized steel
 Acier zingué blanc

1062



Rosetta in alluminio 40x40x5 mm
con foro Ø11 mm

Aluminium nut 40x40x5 mm
with Ø11 mm hole

Écrou en aluminium 40x40x5 mm
avec trou Ø11 mm



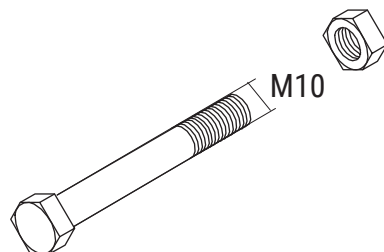
MATERIALE
MATERIAL · MATÉRIAU



Alluminio Grezzo
Aluminium Raw · Brut

CODICE		NOTE · NOTES
1062	20 pz	

1063



Viti e dadi autobloccante per staffe

Self-locking screws and nuts
for brackets

Vis et écrous autobloquants
pour étriers

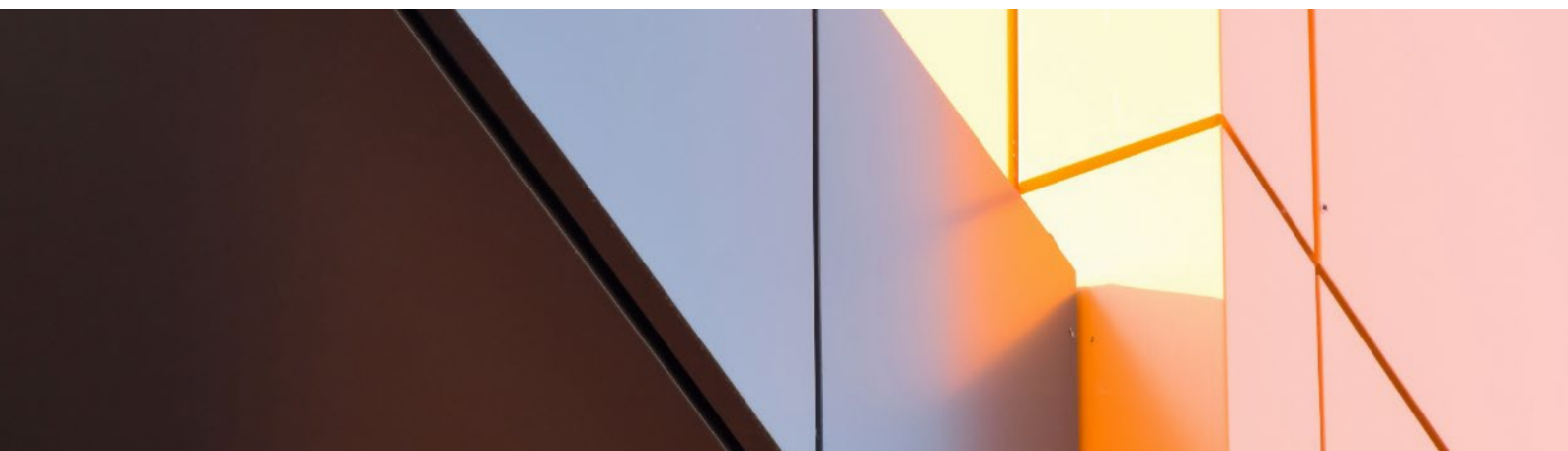


MATERIALE
MATERIAL · MATÉRIAU



ZB
Zincato bianco
White galvanized
Zingué blanc

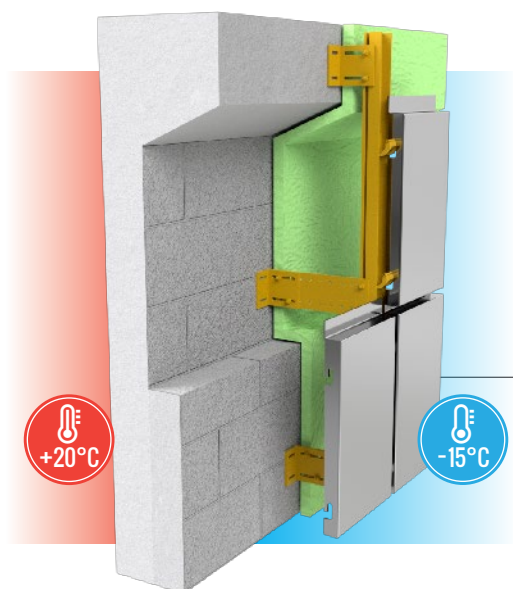
CODICE		NOTE · NOTES
1063	20 pz	



ACCESSORI PER FACCIATE VENTILATE

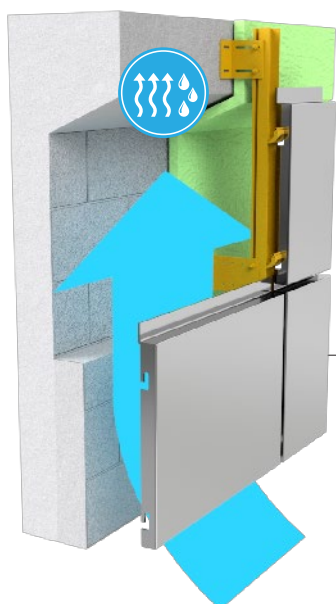
ACCESSORIES
FOR VENTILATED FACADES

ACCESSOIRES
POUR FAÇADES VENTILÉES



1

ISOLAMENTO TERMICO E RISPARMIO ENERGETICO
ENERGY SAVING AND THERMAL INSULATION
ISOLATION THERMIQUE ET ÉCONOMIE D'ÉNERGIE



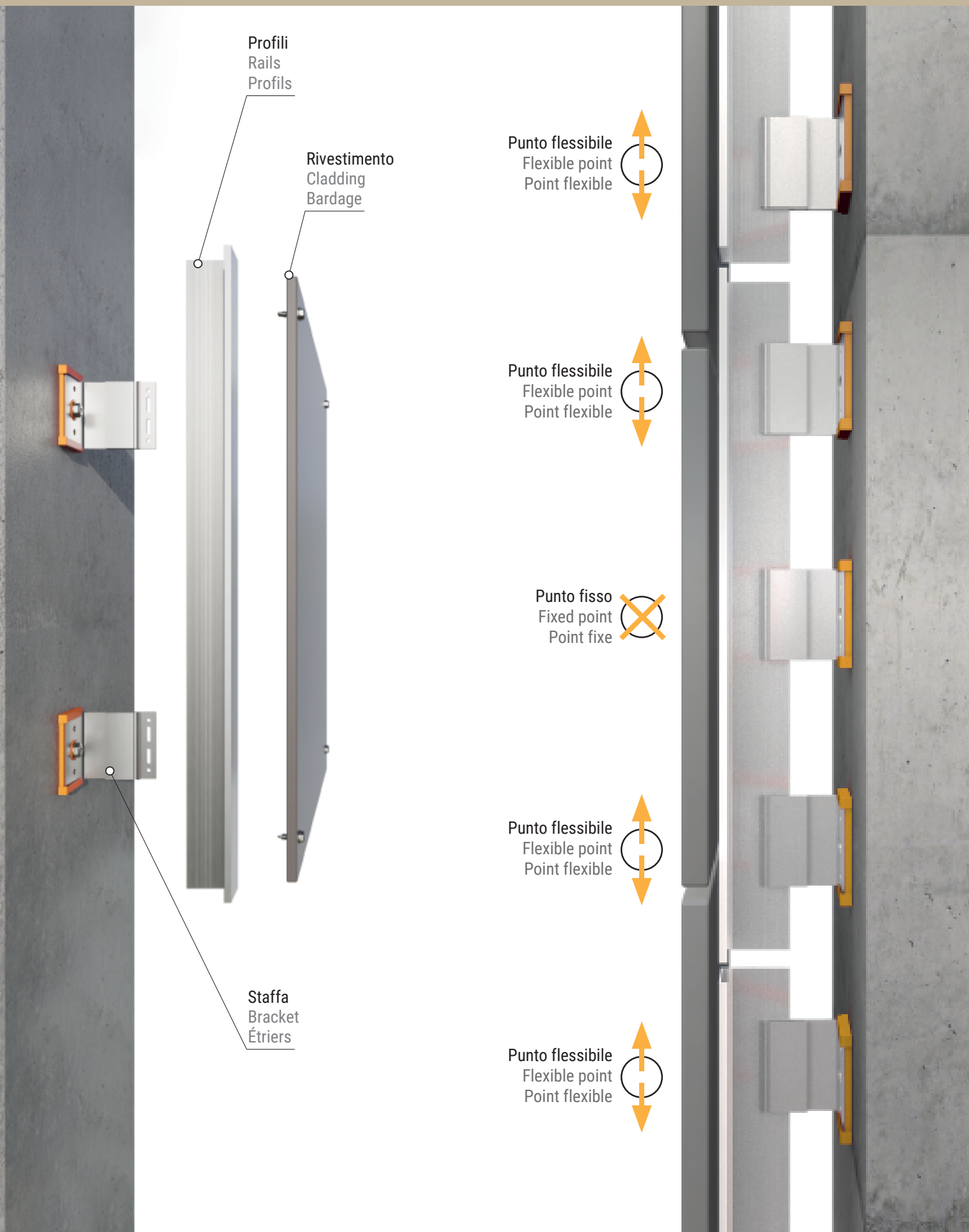
2

RIDUZIONE DELL'UMIDITÀ E TRASPIRABILITÀ
BREATHABILITY AND HUMIDITY TRANSFER
RÉDUCTION DE L'HUMIDITÉ ET RESPIRABILITÉ



3

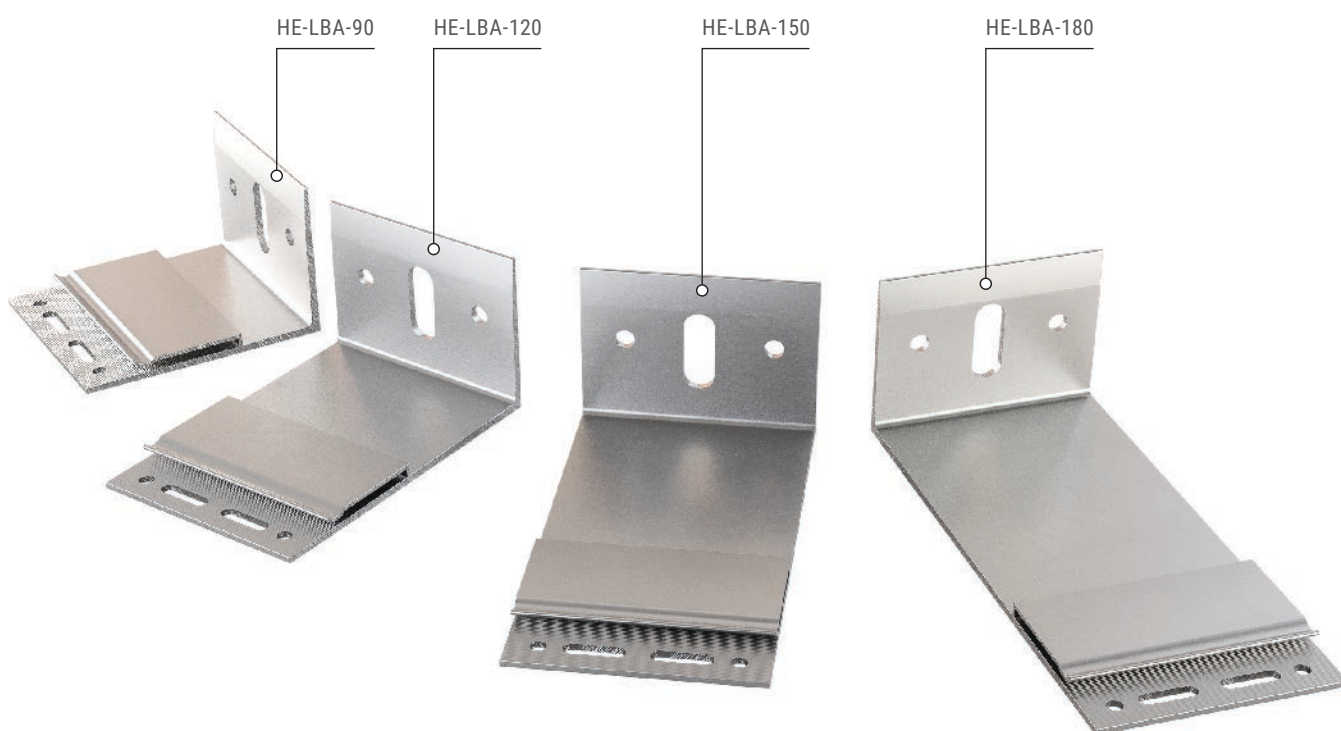
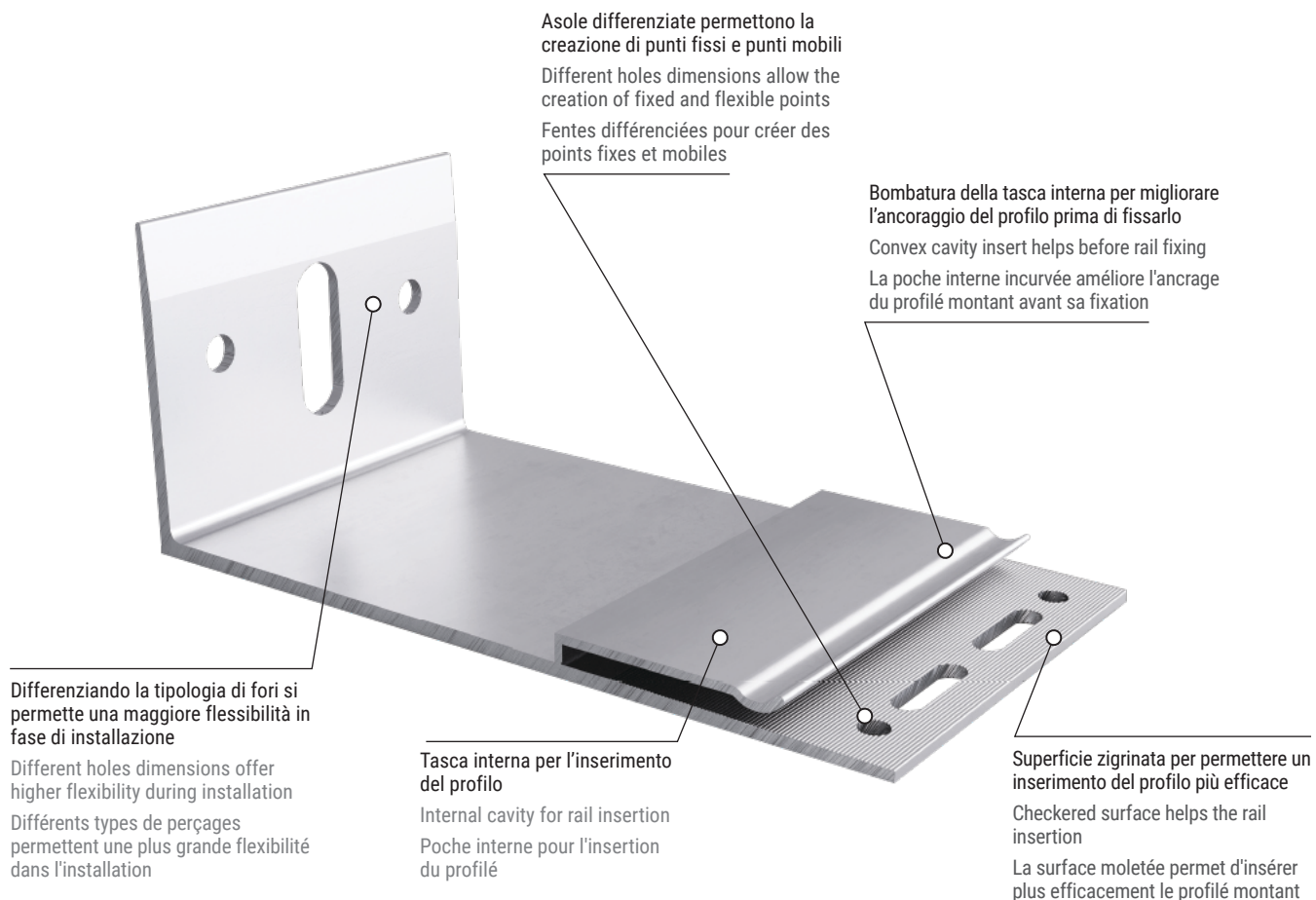
PROTEZIONE DAGLI AGENTI ATMOSFERICI
E DALL'INQUINAMENTO ACUSTICO
PROTECTION FROM WEATHER EXPOSURE
AND HIGH NOISE ABSORPTION
PROTECTION CONTRE LES AGENTS
ATMOSPHÉRIQUES ET LA POLLUTION SONORE

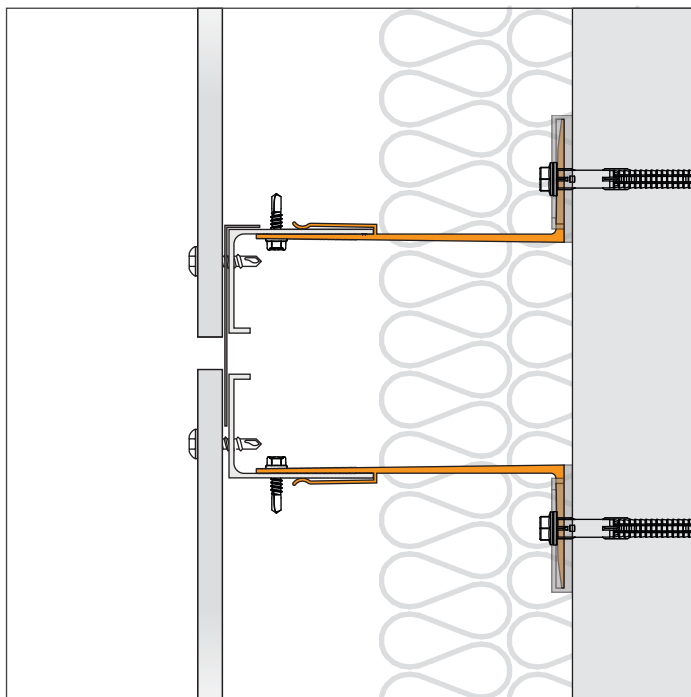
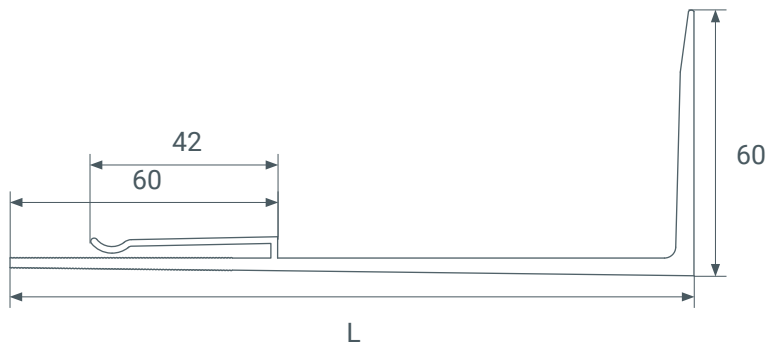


STAFFE BASIC IN ALLUMINIO

ALUMINIUM BASIC BRACKETS

CROCHETS STANDARD EN ALUMINIUM






Staffa basic in alluminio,
base 60x80 mm

Aluminium standard bracket,
60x80 mm base

Crochet standard en aluminium,
base 60x80 mm

M MATERIALE MATERIAL · MATÉRIAU

 Alluminio estruso
Extruded aluminium
Aluminium extrudé


THERMALSTOP INCLUSO · INCLUDED · INCLUS



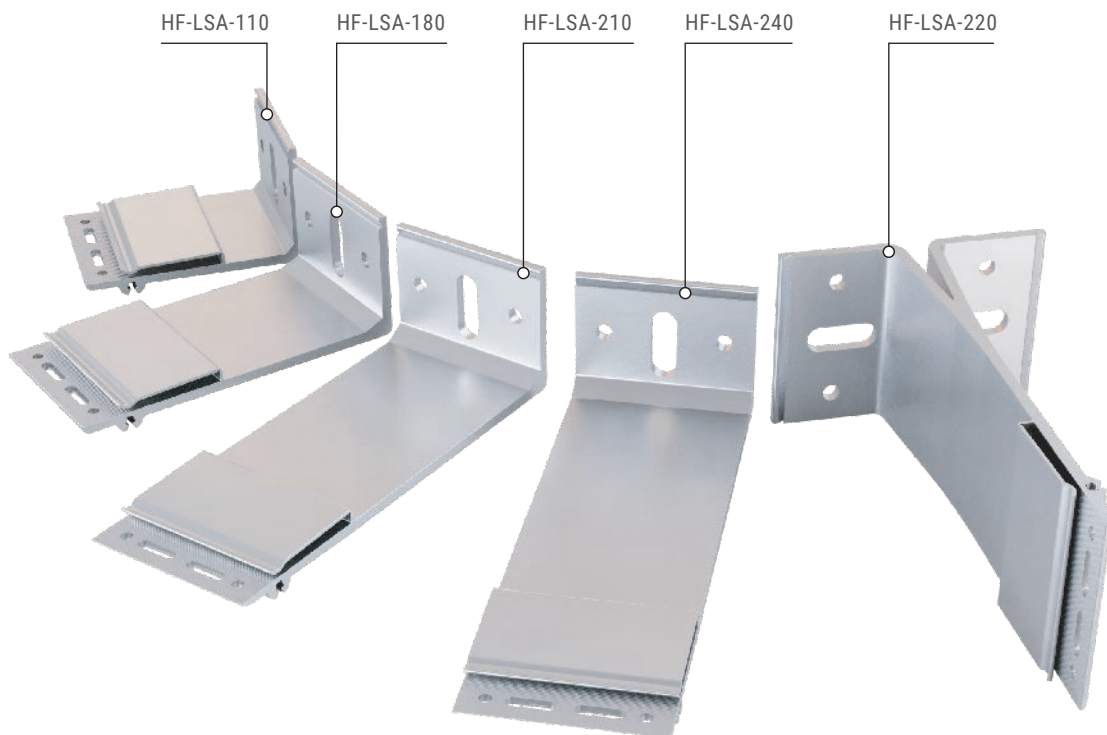
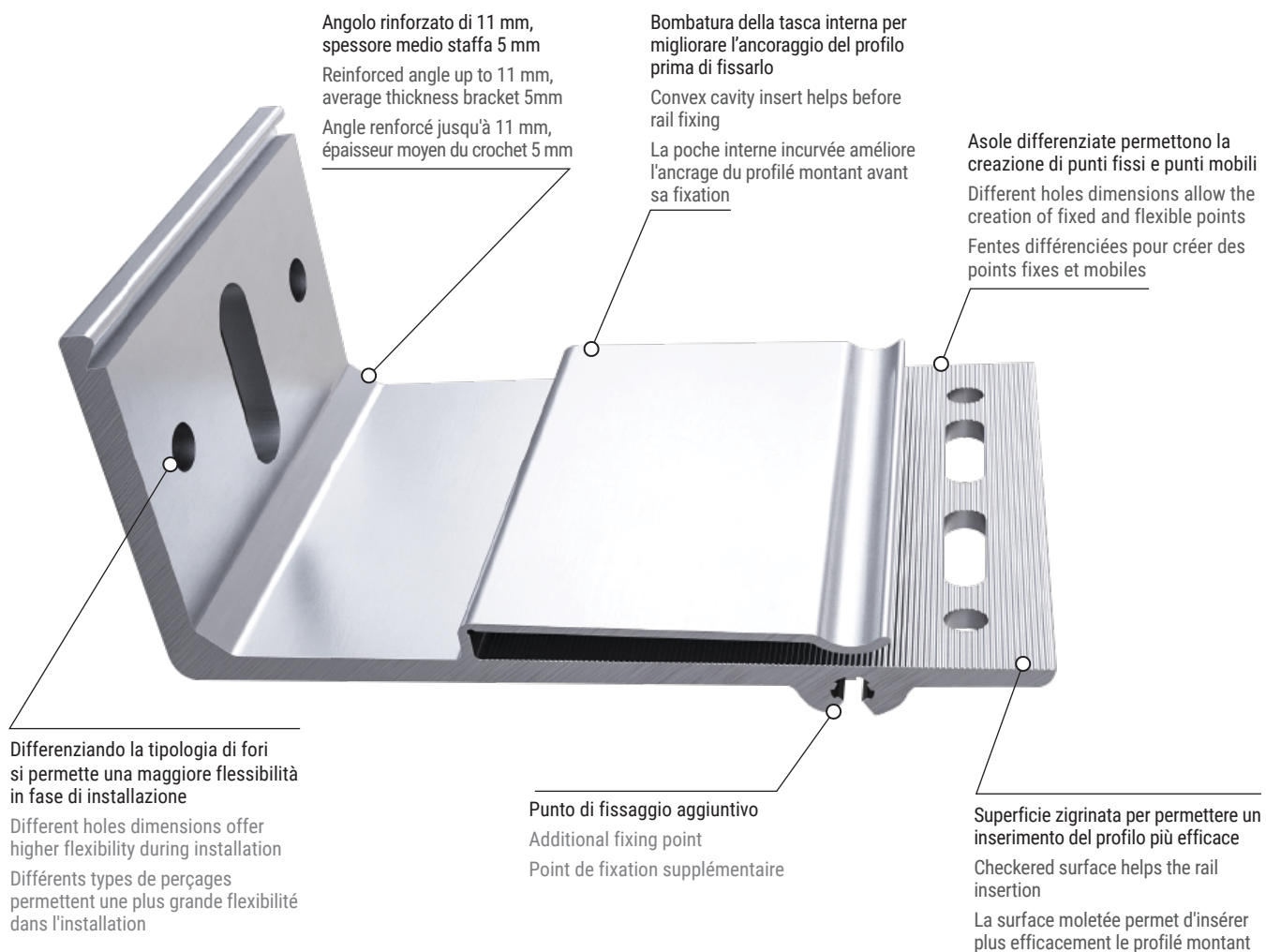
HF-TS01 è l'elemento fondamentale per ridurre notevolmente i ponti termici tra l'esterno e l'interno di un edificio

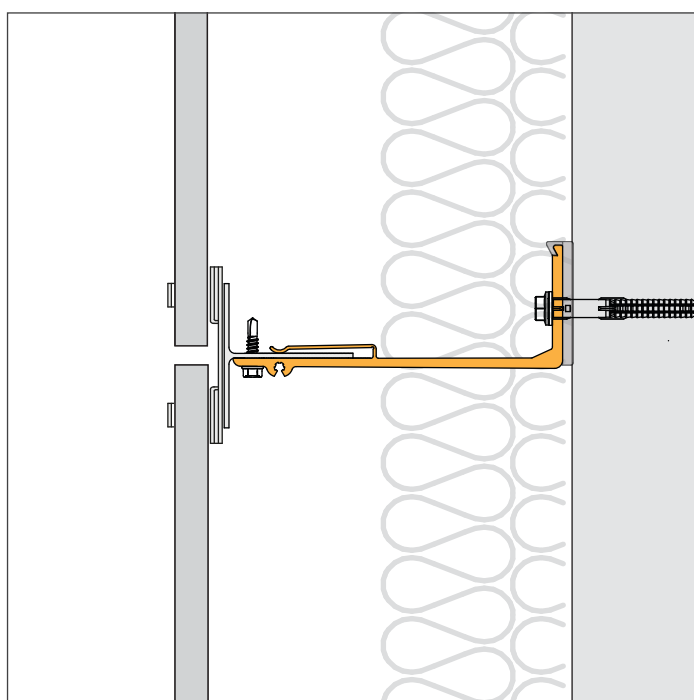
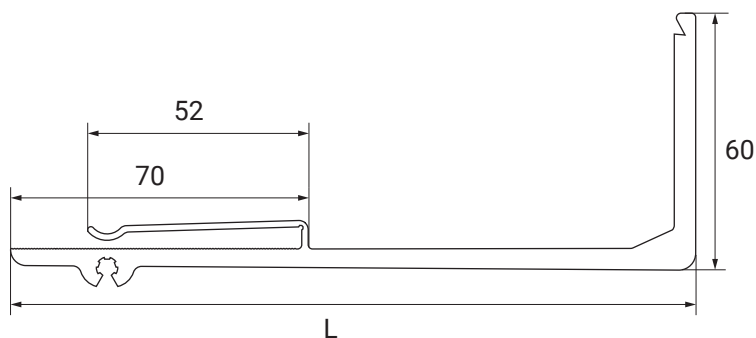
HF-TS01 is the key element in significantly reducing thermal bridges between the outside and inside of a building

HF-TS01 est l'élément clé pour réduire de manière significative les ponts thermiques entre l'extérieur et l'intérieur du bâtiment

CODICE	L		NOTE · NOTES
HF-LBA-90	90 mm	100 pz	
HF-LBA-120	120 mm	100 pz	
HF-LBA-150	150 mm	50 pz	
HF-LBA-180	180 mm	50 pz	

STAFFE STRONG IN ALLUMINIO ALUMINIUM STRONG BRACKETS CROCHETS RENFORCÉ EN ALUMINIUM






Staffa strong in alluminio,
base 60x80 mm

Aluminium strong bracket,
60x80 mm base

Crochet renforcé en aluminium,
base 60x80 mm

M MATERIALE MATERIAL · MATÉRIAU

 Alluminio estruso
Extruded aluminium
Aluminium extrudé

THERMALSTOP INCLUSO · INCLUDED · INCLUS



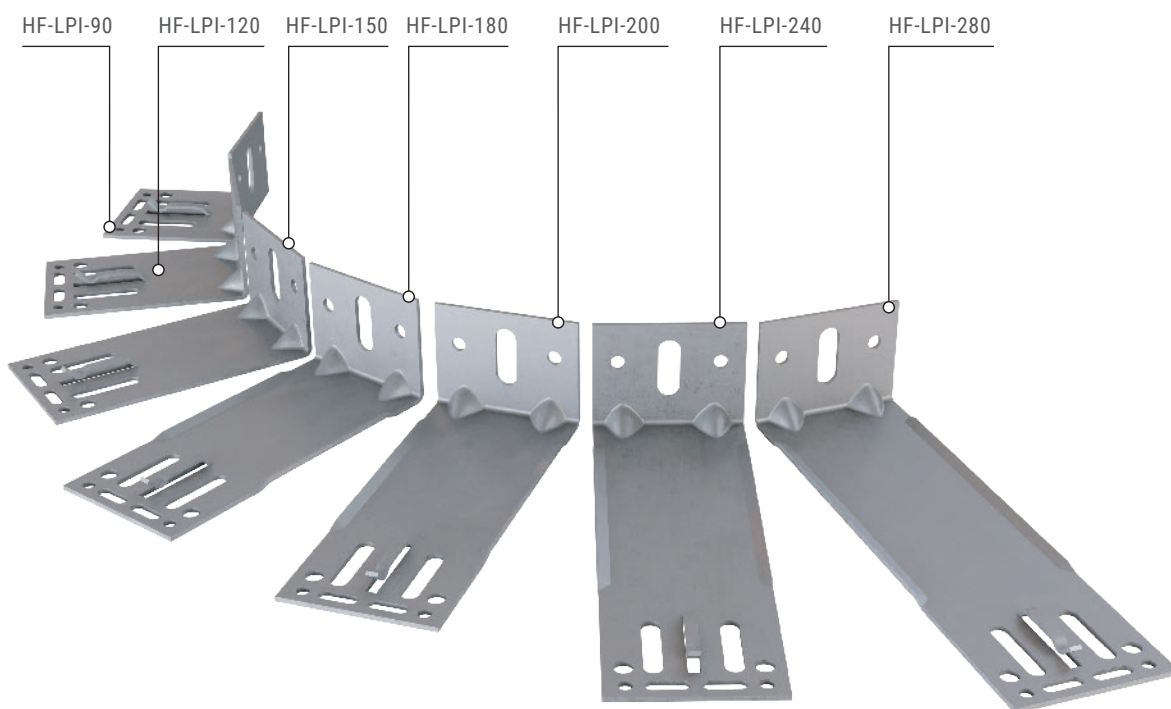
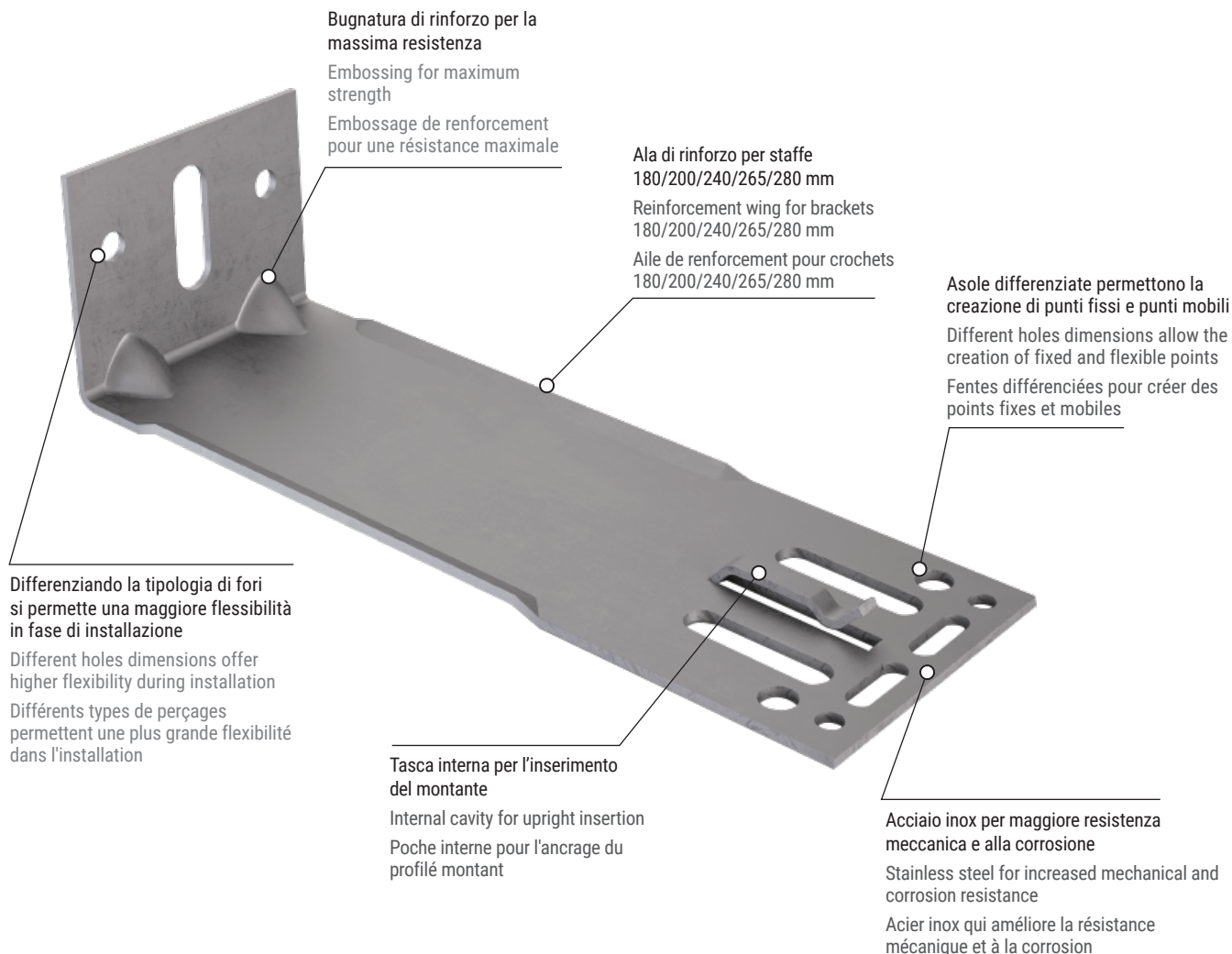
HF-TS02 è l'elemento fondamentale per ridurre notevolmente i ponti termici tra l'esterno e l'interno di un edificio

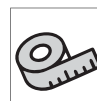
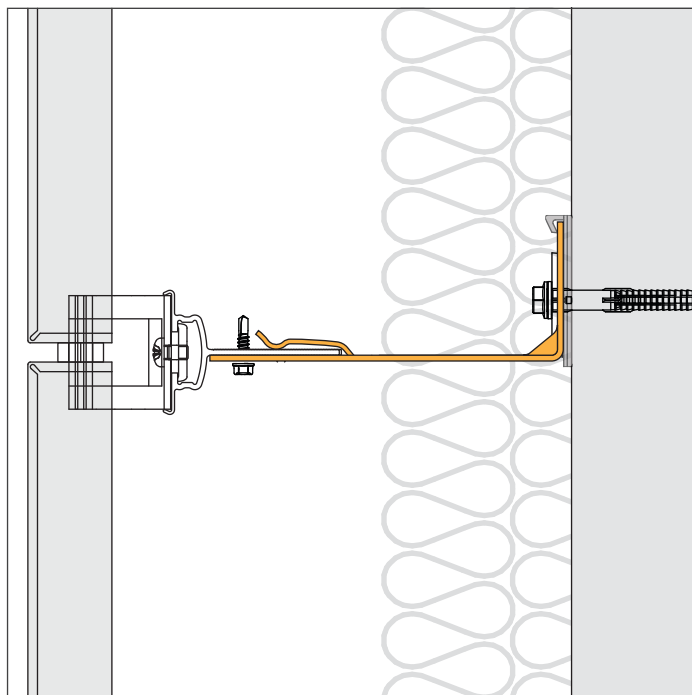
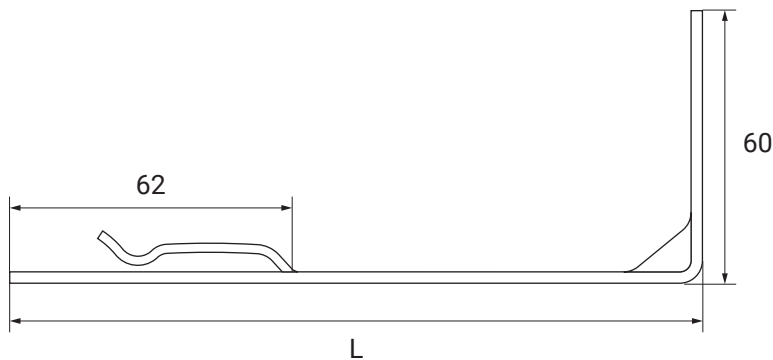
HF-TS02 is the key element in significantly reducing thermal bridges between the outside and inside of a building


HF-TS02 est l'élément clé pour réduire de manière significative les ponts thermiques entre l'extérieur et l'intérieur du bâtiment

CODICE	L		NOTE · NOTES
HF-LSA-60	60 mm	100 pz	
HF-LSA-110	110 mm	100 pz	
HF-LSA-160	160 mm	50 pz	
HF-LSA-210	210 mm	50 pz	
HF-LSA-220	220 mm	10 pz	Su richiesta · On request · Sur demande
HF-LSA-240	240 mm	25 pz	

STAFFE PREMIUM IN ACCIAIO INOX STAINLESS STEEL PREMIUM BRACKETS CROCHETS PREMIUM EN ACIER INOX

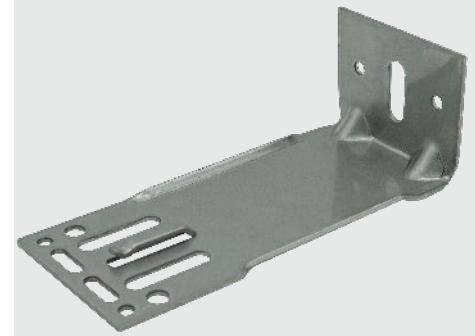




CODICE	L		NOTE · NOTES
HF-LPI-90	90 mm	100 pz	
HF-LPI-120	120 mm	100 pz	
HF-LPI-150	150 mm	100 pz	
HF-LPI-180	180 mm	100 pz	
HF-LPI-200	200 mm	100 pz	
HF-LPI-240	240 mm	50 pz	
HF-LPI-265	265 mm	25 pz	
HF-LPI-280	280 mm	25 pz	



Prodotto personalizzabile su misura
Customisable product made to measure
Produit adaptable sur mesure




Staffa premium in acciaio inox,
base 60x80 mm

Stainless steel premium bracket,
60x80 mm base

Crochet premium en acier inox,
base 60x80 mm

M MATERIALE MATERIAL · MATÉRIAU

 Acciaio inox
Stainless steel
Acier inox

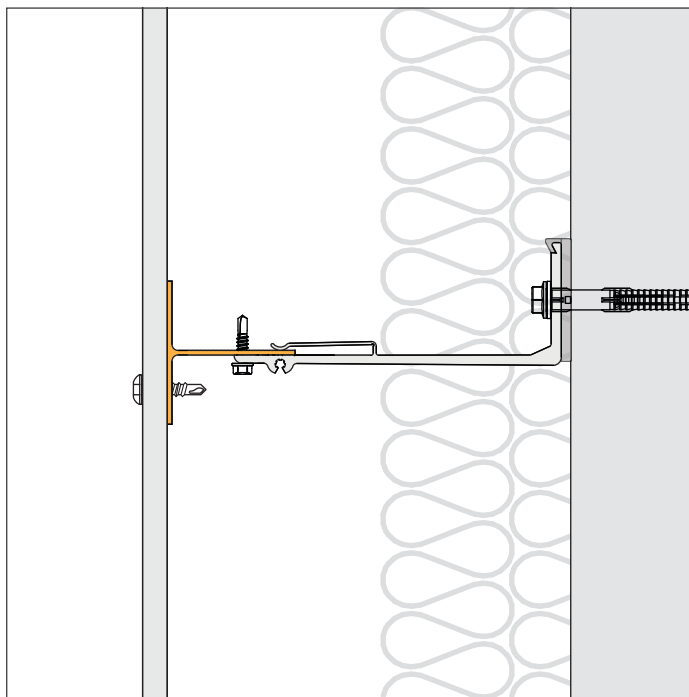
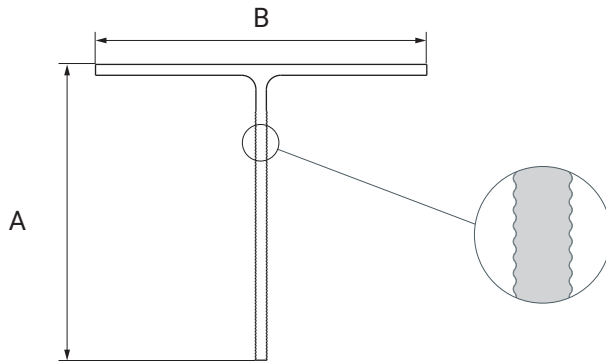
THERMALSTOP INCLUSO · INCLUDED · INCLUS



HF-TS02 è l'elemento fondamentale per ridurre notevolmente i ponti termici tra l'esterno e l'interno di un edificio

HF-TS02 is the key element in significantly reducing thermal bridges between the outside and inside of a building

HF-TS02 est l'élément clé pour réduire de manière significative les ponts thermiques entre l'extérieur et l'intérieur du bâtiment



Profilo montante in alluminio con sezione a T

Aluminium mullion profile with T section

Profilé montant en aluminium, forme en T

WWW.HAMMER.BIZ



Scheda tecnica online
Technical data sheet online
Fiche technique en ligne

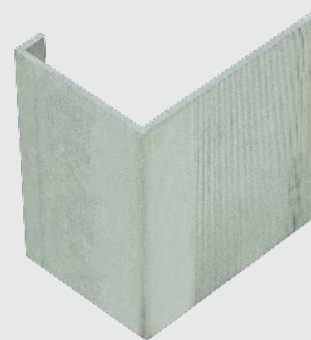
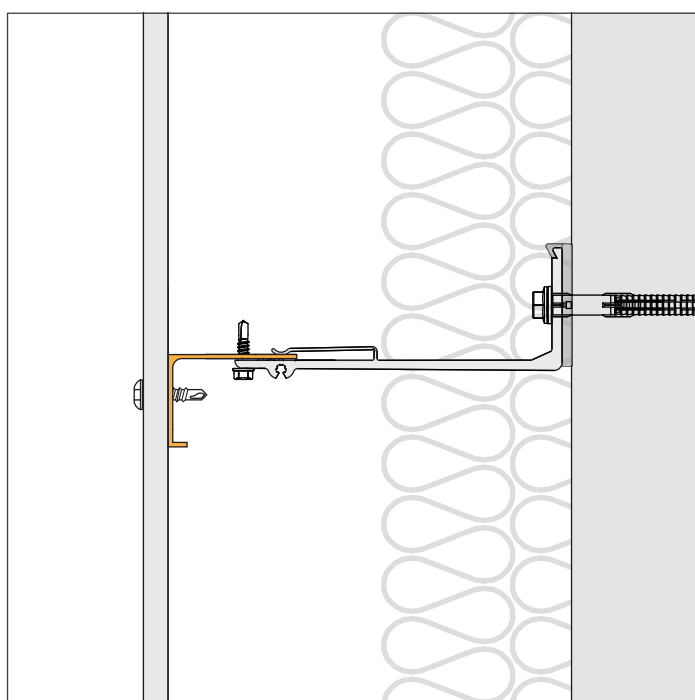
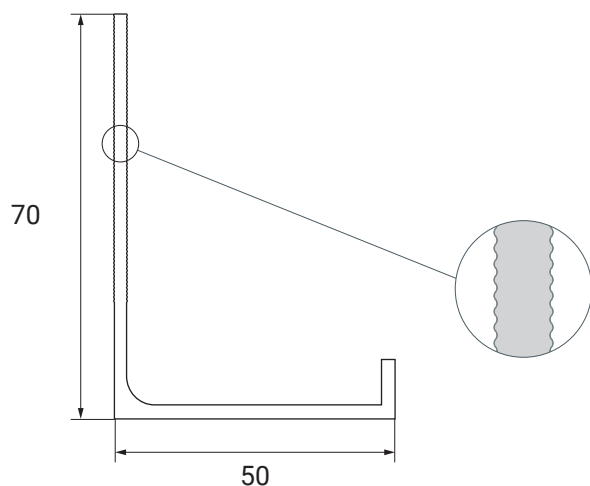


MATERIALE
MATERIAL · MATÉRIAU



Alluminio estruso
Extruded aluminium
Aluminium extrudé

CODICE	A	B	L
HF-PRT01	61,5 mm	70 mm	6500 mm
HF-PRT02	60 mm	120 mm	6000 mm



Profilo montante in alluminio
con sezione a L

Aluminium mullion profile
with L section

Profilé montant en aluminium,
forme en L

WWW.HAMMER.BIZ



Scheda tecnica online

Technical data sheet online

Fiche technique en ligne



MATERIALE

MATERIAL · MATÉRIAU

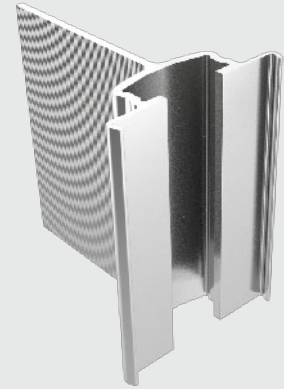
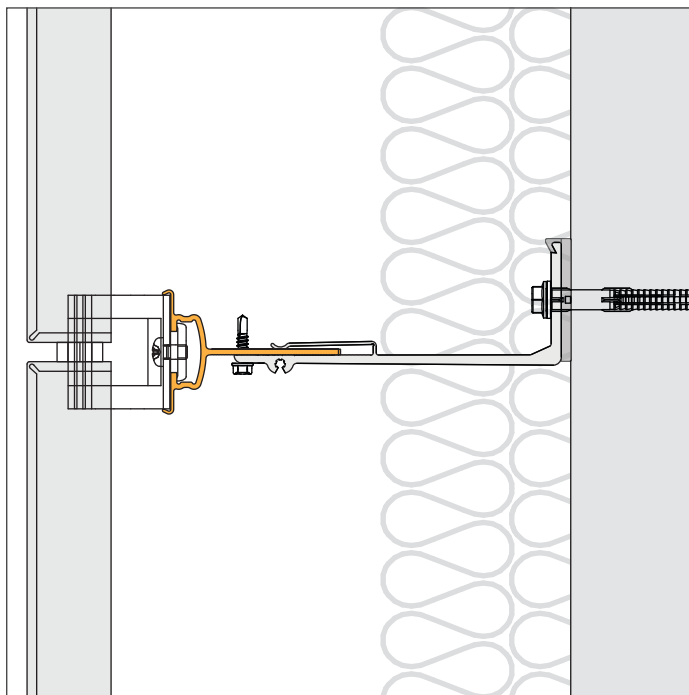
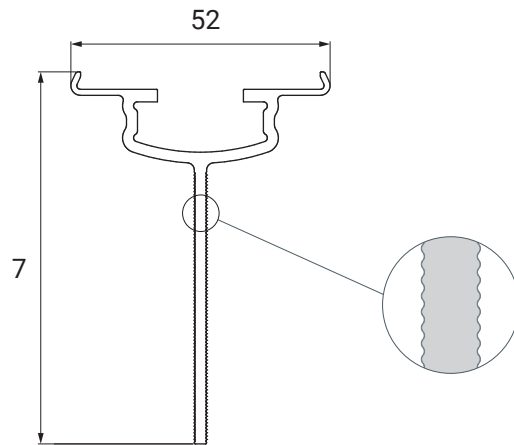


Alluminio estruso

Extruded aluminium

Aluminium extrudé

CODICE	L	NOTE · NOTES
HF-PRL01	6500 mm	



Profilo montante in alluminio con sezione a Y

Aluminium mullion profile with Y section

Profilé montant en aluminium, forme en Y

WWW.HAMMER.BIZ



Scheda tecnica online
Technical data sheet online
Fiche technique en ligne



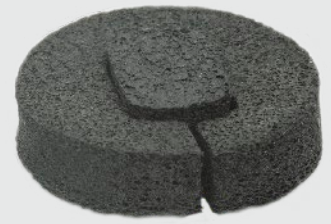
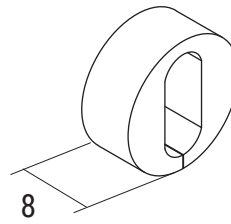
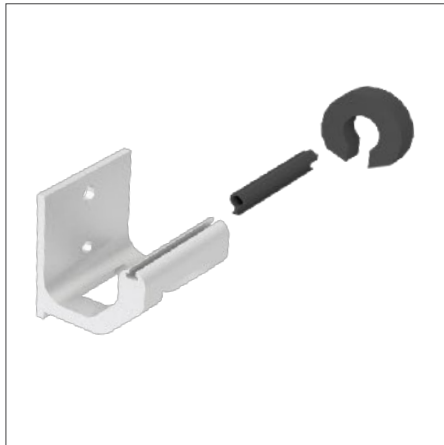
MATERIALE
MATERIAL · MATÉRIAU



Alluminio estruso
Extruded aluminium
Aluminium extrudé

CODICE	L	NOTE · NOTES
HF-PRY01	6500 mm	

1052



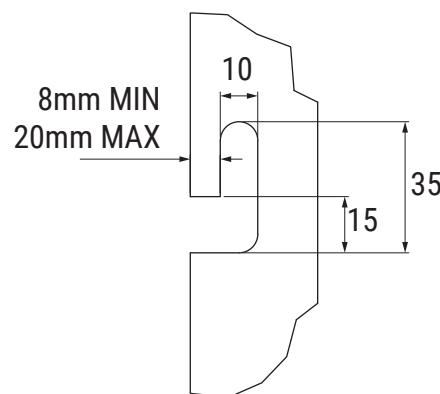
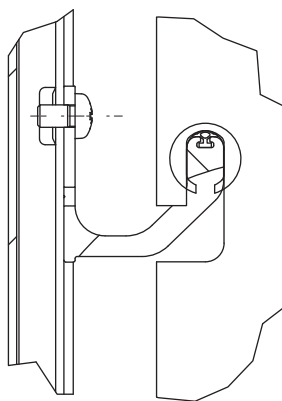
Distanziale in EPDM da 8 mm
 EPDM spacer, thickness 8 mm
 Épaisseur d'espacement
 en EPDM 8 mm

CODICE		NOTE · NOTES
1052	250 pz	

M MATERIALE
 MATERIAL · MATÉRIAU

EPDM

1053



Gancio per pannelli compositi in
 alluminio premontato con vite e
 camma
 Pre-assembled hook for aluminium
 composite panels, with screw and
 cam
 Rochet pour panneaux composites
 en aluminium, pré-assemblé avec vis
 et came

Acciaio - zincato bianco
 Steel - white galvanized
 Acier - zingué blanc

Acciaio inox
 Stainless steel
 Acier inox

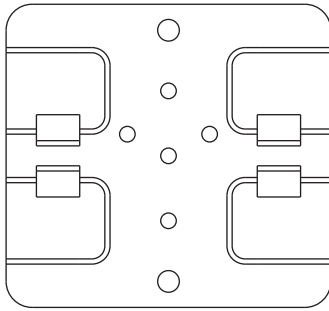
CODICE		NOTE · NOTES
1053	100 pz	

M MATERIALE
 MATERIAL · MATÉRIAU

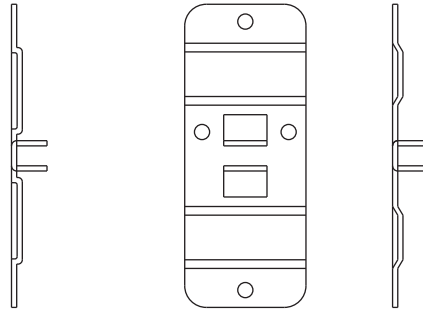
Alluminio Grezzo
 Aluminium Raw · Brut



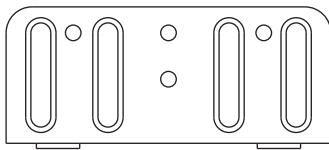
HF-CLN04



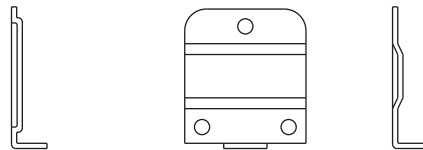
HF-CLN02V



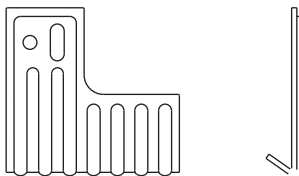
HF-CLN02H



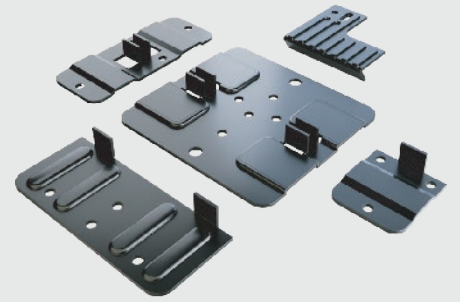
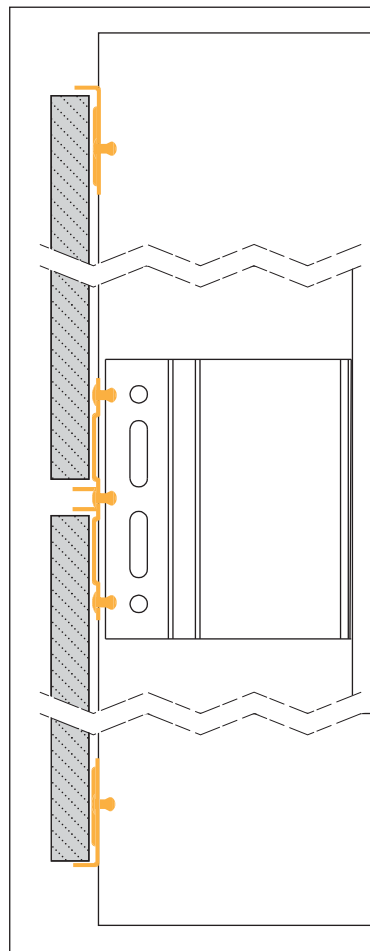
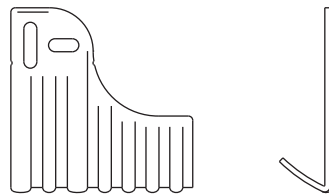
HF-CLN01



HF-CLN03



HF-CLN05



Sistema a fissaggio nascosto in acciaio inox

Stainless steel invisible fixing system

Systeme de fixation invisible en acier inox



MATERIALE
MATERIAL · MATÉRIAU

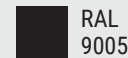


Acciaio inox
Stainless steel
Acier inox



FINITURA
FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL 9005 Nero opaco
Black · Noir



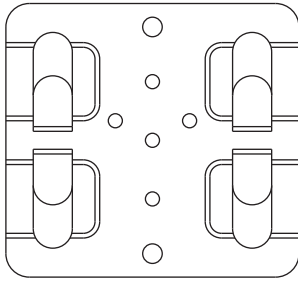
Altri RAL Su richiesta con:
Other RAL On request with:
Autre RAL Sur demande avec:



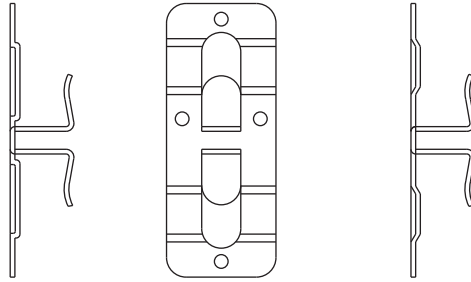
Servizio colore
Colour service
Service couleur



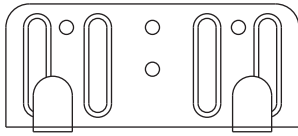
HF-CLV04



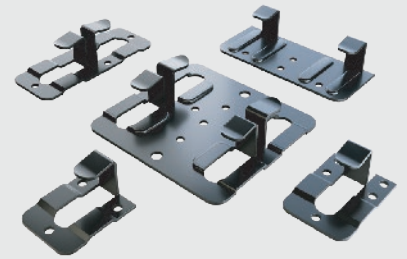
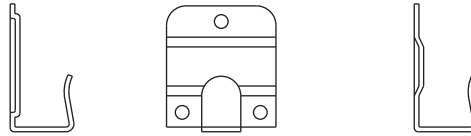
HF-CLV02V



HF-CLV02H



HF-CLV01



Sistema con fissaggio a vista
in acciaio inox

Stainless steel visible fixing
system

Système de fixation visible
en acier inox



MATERIALE MATERIAL · MATÉRIAU



Acciaio inox
Stainless steel
Acier inox



FINITURA FINISHING · FINITION

Verniciatura a polvere
Powder coated
Revetement en poudre



RAL
9005

Nero opaco
Black · Noir

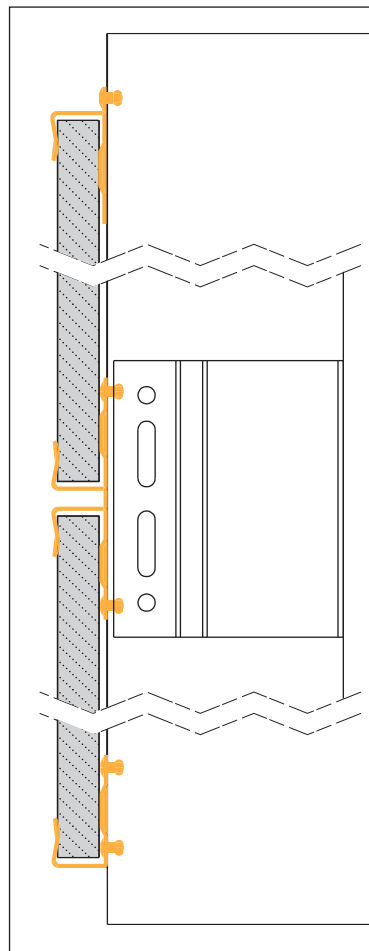


Altri RAL
Other RAL
Autre RAL

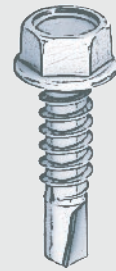
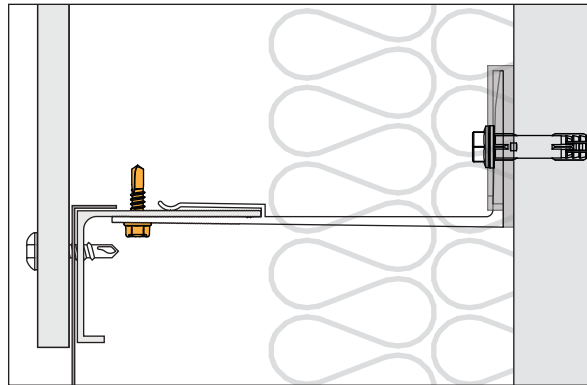
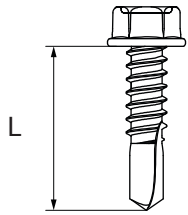
Su richiesta con:
On request with:
Sur demande avec:



Servizio colore
Colour service
Service couleur




HF-VI



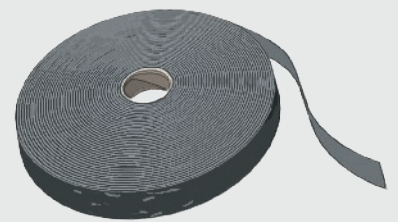
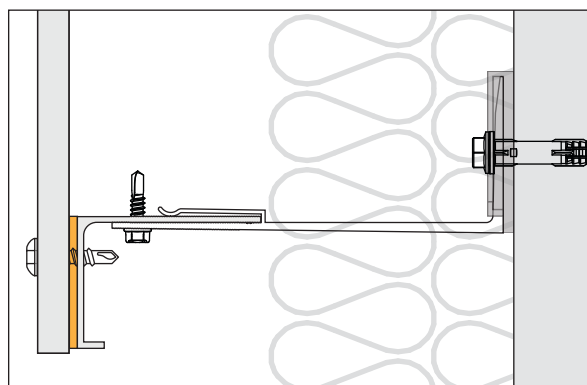
Vite autoforante in acciaio inox A2

Self drilling screw in A2 stainless steel

Vis autoperceuse en acier inoxydable A2

CODICE	L		NOTE · NOTES
HF-VI55X22	22 mm	500 pz	
HF-VI55X30	30 mm	500 pz	

HF-BD-50



Bandella dielettrica in polietilene

Dielectric strip in polyethylene

Bande d'étanchéité diélectrique en polyéthylène

CODICE		NOTE · NOTES
HF-BD-50	25 m	



Note tecniche

Technical notes · Mentions techniques

AVVERTENZE:

Hammer s.r.l. si riserva la facoltà di apportare modifiche ai prodotti presentati in questo catalogo in qualsiasi momento, senza obbligo di preavviso.

I disegni e i suggerimenti di posa possono anch'essi subire modifiche.

L'impiego dei prodotti diverso rispetto a quello presentato nel catalogo o eventuali modifiche apportate agli stessi da parte dell'installatore, comportano la perdita della garanzia.

Modifiche tecniche ai prodotti possono essere apportate esclusivamente attraverso il Servizio "su misura" e comunque dopo il parere positivo dell'ufficio tecnico Hammer.

NOTE PER GLI ACCESSORI PER PERSIANE:

- La funzione degli accessori è quella di aprire e chiudere le ante persiana in alluminio e di bloccarle una volta aperte o chiuse.
- In presenza di vento superiore a 60km/h raccomandiamo di lasciare chiuse le ante.
- Raccomandiamo di impiegare esclusivamente i fermaimposte presenti a catalogo Hammer (in particolare per il cardine da interno Cod. 2126 e 2126ECC).

NOTE SUL FISSAGGIO DEGLI ACCESSORI:

- Su anta e su telaio: tutti gli accessori hanno forature da $\varnothing 5$ a $\varnothing 6$ mm; il cliente, a seguito verifica dello spessore del profilo da perforare, può scegliere tra viti autoperforanti o autofilettanti a norme UNI/ISO; può utilizzare il kit di fissaggio 0114 a deformazione con viti metriche; può altresì usare rivetti a strappo idonei;
- Su muro: per il fissaggio dei cardini o delle staffe per facciate il Cliente deve scegliere tra tasselli e/o resine chimiche presenti in commercio idonei al laterizio di ancoraggio, prediligendo tassellature speciali in caso di cappotto isolante.

en

WARNING:

Hammer s.r.l. reserves the right to make any and all changes to the products at its sole discretion without notice to You.

Technical drawings and fitting suggestions are also subject to change.

The use of our products other than in strict accordance with the guidelines provided in this catalogue, or any modification by the fitter, will void the warranty.

Technical modifications to our products can only be made through our "Made To Measure" service and only with the authorization of our Technical Office.

USAGE NOTES FOR SHUTTER ACCESSORIES:

- The function of the shutter accessories is to open and close the aluminium shutters and to block them once opened or closed.
- If wind is blowing at more than 60 kph we strongly recommend to keep the shutters closed.
- We also recommend to use only the shutter stops listed in the Hammer catalogue (especially for the internal pivots 2126 e 2126ECC).

FITTING NOTES:

- Shutter and frame mounting: all the accessories have $\varnothing 5$ to $\varnothing 6$ mm holes; after checking the profile's thickness, the user can choose between UNI/ISO self-drilling or self-tapping screws; or he can use the 0114 fixing kit with deformable aluminium inserts and metric screws or also suitable pull rivets.
- Wall mounting: fixing of pivots and brackets for facades requires screw anchors and/or chemical resins suitable to the wall, as well as special plugging in presence of external insulation.

fr

AVERTISSEMENTS GÉNÉRAUX:

Hammer S.r.l. se réserve le droit d'apporter des modifications aux produits présentés dans ce catalogue à tout moment et sans préavis.

Les dessins et les suggestions d'installations peuvent également être modifiés.

L'utilisation des produits différente de celle présentée dans le catalogue ou les modifications apportées par l'installateur entraînent l'annulation de la garantie.

Les modifications techniques des produits ne peuvent être effectuées qu'à travers du service "sur mesure" et en tout cas après l'avis favorable du bureau technique de Hammer.

NOTES D'EMPLOI POUR LES ACCESSOIRES POUR VOLETS:

- Les accessoires ont la fonction d'ouvrir et de fermer les volets en aluminium et de les bloquer lorsqu'ils sont ouverts ou fermés.
- En cas de vent supérieur à 60 km/h, nous vous recommandons de laisser les volets fermés.
- Nous vous recommandons d'utiliser uniquement les arrêts pour volets fournis dans le catalogue Hammer (en particulier pour le gond mural Cod. 2126 et 2126ECC).

NOTES SUR LA FIXATION DES ACCESSOIRES:

- Sur volet et sur cadre: tous les accessoires ont des trous de pose de $\varnothing 5$ à $\varnothing 6$ mm; le client, après avoir vérifié l'épaisseur du profil à percer, peut choisir entre des vis autoperceuses ou autotaradeuses conformes aux normes UNI/ISO; il peut utiliser le kit de fixation 0114 déformable avec des vis métriques; il peut utiliser aussi des rivets aveugles appropriés.
- Sur mur: pour fixer les gonds pour volets et les étriers pour façades le client doit choisir entre les chevilles et/ou les résines chimiques sur le marché appropriées pour les briques d'ancrage, en préférant les tassellations spéciales en cas de couche d'isolation.

Trattamenti superficiali

Surface treatment · Traitements de surface

NOTE SUI TRATTAMENTI SUPERFICIALI:

Tutti gli accessori Hammer sono trattati per assicurare la massima resistenza ai graffi, all'azione degli agenti atmosferici ed alla corrosione negli ambienti ad elevato grado di salinità come le località costiere. I perni realizzati in acciaio inossidabile INOX AISI 304 sono inattaccabili alla ruggine. Le boccole e le rondelle di adattamento di corredo a tutti gli accessori sono in nylon grafitato e offrono il duplice vantaggio di coprire totalmente il perno di rotazione e di ridurre l'attrito tra occhione di rotazione e il perno stesso.

Il materiale di base di cui sono costituiti gli accessori Hammer è l'alluminio estruso EN AW-6060, che già di per se è sinonimo di inattaccabilità dalla ruggine. Su tutti i nostri accessori eseguiamo un ciclo di vibrofinitura (burattatura) ed un pretrattamento di fosfosgrassaggio prima di eseguire la verniciatura a polvere termoindurente come previsto dalle specifiche di verniciatura o di ossidazione anodica. Su tutti gli articoli realizzati in acciaio eseguiamo un ulteriore pretrattamento protettivo di zincatura elettrolitica.

Per la manutenzione degli accessori Hammer raccomandiamo un semplice risciacquo con acqua ed una periodica lubrificazione. Per maggiori informazioni consultare le schede tecniche dei prodotti richiedendole ad Hammer s.r.l. o collegandosi al sito www.hammer.biz.

en

SURFACE TREATMENT NOTES:

Hammer accessories are surface-treated to ensure maximum strength against scratches, action of atmospheric agents and corrosion in high salinity environments such as coastal areas. Pins made in INOX AISI 304 stainless steel are resistant to rust. Fitting bushings and washers included in our accessories are made of black nylon and offer a twofold advantage: they fully cover the pin and reduce friction.

The basic material of Hammer accessories is EN AW-6060 extruded aluminium, which means they are resistant to rust. Our accessories are subjected to a vibratory finishing cycle and a phospho-degreasing pretreatment before being thermosetting powder coated, as per coating or anodization specifications. All steel accessories get another protection pretreatment through electrolytic zinc-plating.

For a good maintenance of our accessories we recommend a simple water rinse and a periodical lubrication. For more information, please ask Hammer s.r.l. for technical data sheets or visit www.hammer.biz.

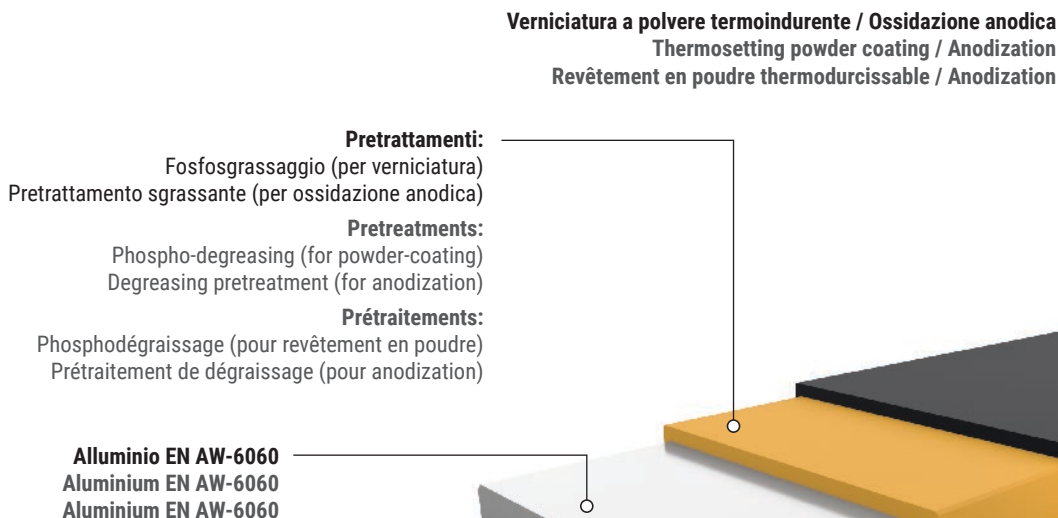
fr

NOTES SUR LES TRAITEMENTS DE SURFACE:

Tous les accessoires Hammer sont traités pour assurer une résistance maximale aux rayures, aux agents atmosphériques et à la corrosion dans les environnements avec degré de salinité élevé, tels que les zones côtières. Les pivots en acier inox AISI 304 sont résistants à la rouille. Les douilles et les rondelles d'adaptation fournies avec tous nos accessoires sont en nylon graphité et offrent le double avantage de recouvrir complètement le pivot et de réduire la friction entre l'anneau de rotation et le pivot lui-même.

Le matériel de base des accessoires Hammer est l'aluminium extrudé EN AW-6060, synonyme d'étanchéité à la rouille. Sur tous nos accessoires nous effectuons un cycle de finitions de surface (blutage) et un prétraitement au phosphodégraissage avant de réaliser le revêtement en poudre thermodurcissable conformément aux spécifications de revêtement ou de anodization. Sur tous les articles en acier, nous effectuons un autre prétraitement de galvanization électrolytique.

Pour la maintenance des accessoires Hammer, nous recommandons de les rincer tous simplement avec de l'eau et de les lubrifier périodiquement. Pour obtenir de plus amples informations, consultez les fiches techniques en les demandant à Hammer S.r.l. ou visitez le site www.hammer.biz.



Condizioni generali di contratto

1. Definizioni

1.1 I termini definiti in questa Clausola avranno nel Contratto il significato appresso indicato:

“**Catalogo**” indica il documento che elenca i prodotti venduti da Hammer e ne descrive le caratteristiche tecniche;

“**CGC**” indica i presenti termini e condizioni generali che disciplinano il rapporto di compravendita dei Prodotti tra Hammer e il Compratore;

“**Compratore**” indica il soggetto identificato nella Conferma d’Ordine quale acquirente dei Prodotti;

“**Conferma d’Ordine**” indica il modulo di conferma acquisto che contiene i dati del Compratore, nonché, *inter alia*, tipologia, quantità e prezzi dei Prodotti venduti da Hammer al Compratore e regolato dalle CGC;

“**Contratto**” significa congiuntamente la Conferma d’Ordine e le CGC;

“**Forza Maggiore**” indica ogni evento che (i) ostacola, ritarda o impedisce a una Parte di eseguire uno dei suoi obblighi, (ii) è al di là di ogni ragionevole controllo di questa Parte, (iii) è imprevedibile, (iv) si verifica senza colpa o negligenza della Parte affetta, (v) pur utilizzando una ragionevole diligenza, la Parte affetta non può impedire;

“**Hammer**” indica Hammer S.r.l., con sede legale in Montegrosso d’Asti (AT), Via della Guardia n. 19, Partita IVA n. 00094860053, iscritta al Registro delle Imprese di Asti, REA n. AT-46448;

“**Listino Prezzi Hammer**” indica il documento che elenca i prezzi applicati da Hammer per la vendita dei Prodotti;

“**Parte**” significa Hammer o il Compratore, a seconda del contesto, e “**Parti**” significa Hammer e il Compratore congiuntamente;

“**Prezzo**” indica il corrispettivo per la vendita dei Prodotti indicato nella Conferma d’Ordine;

“**Prodotti Hammer**” indica i beni di cui al Catalogo oggetto di vendita descritti nella Conferma d’Ordine.

2. Efficacia delle CGC

2.1 Le CGC sono vincolanti per le Parti e si sostituiscono e subentrano a eventuali altre clausole generali o altri formulari del Compratore.

2.2 Le CGC si applicano a tutte le Conferme d’Ordine intervenute tra Hammer e il Compratore nel periodo di validità del Listino Prezzi Hammer.

2.3 Nel caso in cui le CGC siano in contrasto con le pattuizioni presenti nella Conferma d’Ordine, tali pattuizioni prevarranno sulle CGC.

3. Catalogo e Listino Prezzi Hammer

3.1 Il Compratore dichiara espressamente di aver preso visione del Catalogo e del Listino Prezzi Hammer, e di accettare i contenuti di tali documenti.

3.2 Il Compratore riconosce che il Listino Prezzi Hammer potrebbe essere composto da uno o più documenti a seconda della tipologia di Prodotti.

3.3 Hammer si riserva il diritto di variare in qualunque momento e senza preavviso sia il Catalogo e le caratteristiche dei singoli beni ivi descritti al fine di adeguarli a esigenze di natura normativa, tecnica o commerciale, che il Listino Prezzi Hammer.

4. Oggetto

4.1 Hammer si impegna a vendere al Compratore, che si impegna ad acquistare, i Prodotti ai termini e condizioni tutti indicati nella Conferma d’Ordine e nelle CGC.

5. Imballaggio, trasporto e consegna

5.1 Hammer si impegna a imballare i Prodotti con materiale idoneo

al trasporto.

5.2 Le Parti convengono che la consegna del Prodotto avviene EXW sede di Hammer (Incoterms 2010).

5.3 Hammer si riserva il diritto di consegnare i Prodotti tramite consegne parziali.

6. Prezzo

6.1 Il Compratore si impegna a versare a Hammer il Prezzo secondo le modalità individuate nella Conferma d’Ordine.

7. Garanzie

7.1 Hammer garantisce che i Prodotti sono:

- (a) idonei allo scopo cui sono destinati;
- (b) fabbricati in modo accurato, diligente e secondo i più alti standard di settore;
- (c) conformi a tutti i requisiti prescritti dalla legge applicabile.

7.2 Il periodo di garanzia per evizione e per vizi e difetti dei Prodotti è pari a dodici (12) mesi dalla data di consegna dei Prodotti.

7.3 Il Compratore è tenuto a denunciare a Hammer i vizi dei Prodotti entro 8 giorni di calendario dalla scoperta a pena di decadenza. I particolari difettosi dovranno essere resi a Hammer, unitamente alla prova di acquisto (fattura e bolla di vendita). Hammer, a seguito della segnalazione ricevuta, si riserva di effettuare una propria valutazione sulla base dei campioni forniti e, ove necessario, di un sopralluogo.

7.4 Nessun agente, distributore o altro intermediario di Hammer è autorizzato a offrire garanzie ulteriori rispetto a quelle contenute nelle CGC.

8. Limitazioni di responsabilità

8.1 Il Compratore riconosce che Hammer non è in alcun caso responsabile per difetti o danni causati da (i) uso negligente dei Prodotti, (ii) installazione dei Prodotti effettuata da personale non attivo nel settore dei serramenti, (iii) mancata manutenzione dei Prodotti, (iv) riparazioni, sostituzioni di singoli componenti o manutenzioni effettuate da soggetti non autorizzati da Hammer, (v) uso o manutenzione dei Prodotti non conforme a quanto indicato nella documentazione tecnica e (vi) uso di ricambi o materiali di consumo non forniti da Hammer.

8.2 Il Compratore riconosce espressamente che Hammer non è in alcun caso responsabile per danni, risarcimento o indennità nei seguenti casi:

- (a) perdite di produzione o profitti o costi o danni indiretti causati dai vizi o dal malfunzionamento del Prodotto;
- (b) utilizzo del Prodotto per scopi diversi da quelli cui il Prodotto è destinato.

8.3 Limitatamente alle finiture superficiali, la garanzia non è applicabile in caso di difetti sopravvenuti, in particolare nel caso di finiture o superfici che abbiano mutato la loro condizione originaria a seguito di: (i) utilizzo di spazzole e/o prodotti abrasivi o aggressivi per la pulizia, (ii) danni causati da graffi o abrasioni, (iii) in caso di alterazioni, installazioni improprie, atti vandalici e in ogni caso di non corretto utilizzo, (iv) danni da fuoco o altri eventi accidentali, (v) mancata manutenzione come da indicazioni di Hammer, (vi) applicazione in ambienti salini, (vii) esposizione a solventi, agenti chimici o ad ambienti chimicamente aggressivi.

8.4 Nei limiti massimi previsti dalla legge, la responsabilità di Hammer è in ogni caso limitata, per ogni Conferma d’Ordine, al Prezzo.

9. Riserva di proprietà

9.1 Ai sensi e per gli effetti di cui all’art. 1523 c.c.:

- (a) la vendita dei Prodotti Hammer si intende effettuata con riserva di proprietà di Prodotti Hammer in capo a Hammer fino all’integrale pagamento del Prezzo;

(b) i rischi sui Prodotti Hammer e la responsabilità per perimento, danno o altre perdite dei Prodotti Hammer sono in capo al Compratore dal momento della consegna dei Prodotti Hammer.

9.2 Il Compratore, fino al passaggio di proprietà dei Prodotti Hammer, non potrà alienare o comunque disporre dei Prodotti Hammer senza il consenso di Hammer.

9.3 Il Compratore si impegna a mantenere i Prodotti Hammer in perfetto stato. La manutenzione ordinaria e straordinaria dei Prodotti Hammer è a carico del Compratore.

9.4 Hammer ha il diritto, in qualsiasi momento e a proprie spese, di ispezionare i Prodotti Hammer per verificarne lo stato. Le ispezioni non devono ledere il diritto del Compratore al normale uso dei Prodotti Hammer.

9.5 In caso di risoluzione del Contratto per inadempimento del Compratore, Hammer potrà trattenere, a titolo di indennità, le rate di pagamento già percepite, fatto salvo il maggior danno.

10. Risoluzione

10.1 In caso di inadempimento di una delle Parti rispetto alle obbligazioni assunte con il Contratto, l'altra Parte potrà risolvere il Contratto ai sensi e per gli effetti di cui all'art. 1454 c.c. se la Parte inadempiente non vi ha posto rimedio entro quindici (15) giorni di calendario dal ricevimento della lettera di diffida che specifichi la natura dell'inadempimento.

11. Cessione del Contratto

11.1 Il Compratore non potrà trasferire o cedere, in tutto o in parte, nessuno dei diritti e/o obblighi previsti nel Contratto senza il preventivo consenso scritto di Hammer.

11.2 Il Compratore presta sin da ora il proprio consenso affinché Hammer ceda, in tutto o in parte, il Contratto o i diritti e/o gli obblighi previsti nel Contratto. A tal fine, il Compratore, non appena richiesto da Hammer, dovrà tempestivamente porre in essere tutti quegli adempimenti che dovessero essere necessari al fine della cessione del Contratto.

11.3 Hammer potrà rendere note tutte le informazioni in suo possesso relative al Contratto, incluse quelle relative alla sua negoziazione, nonché quelle relative al Compratore che si rendano necessarie al fine della cessione del Contratto.

12. Forza maggiore

12.1 Qualora si verifichi un evento di Forza Maggiore, la Parte cui è impedita l'esecuzione dei propri obblighi dovrà comunicarlo all'altra Parte entro cinque (5) giorni di calendario fornendo tutti i particolari rilevanti e dovrà fare tutto il possibile per porre immediatamente rimedio alla situazione.

12.2 Nessuna Parte sarà responsabile di un eventuale inadempimento degli obblighi previsti a proprio carico dal Contratto nella misura in cui l'adempimento sia stato ostacolato o ritardato o impedito da un evento di Forza Maggiore comunicato in conformità alla presente Clausola e il tempo di esecuzione dell'obbligo/degli obblighi impedito(i) sarà posticipato di conseguenza.

13. Disposizioni finali

13.1 Il Contratto costituisce la manifestazione integrale di tutte le intese e gli accordi intercorsi tra le Parti in relazione al suo oggetto e costituisce l'unica fonte di diritti e doveri tra le stesse, superando e annullando ogni eventuale precedente accordo verbale, scritto e/o concluso attraverso fatti concludenti.

13.2 Ciascuna delle Parti dichiara di non aver fatto affidamento su alcuna dichiarazione pre-contrattuale al momento di concordare la sottoscrizione del Contratto.

13.3 Qualsiasi modifica o integrazione al Contratto non sarà valida, efficace e vincolante ove non risulti da atto scritto e firmato dalle

Parti e in particolare dalla Parte nei cui confronti la stessa viene invocata.

13.4 L'eventuale tolleranza di una delle Parti ai comportamenti dall'altra, posti in essere in violazione delle disposizioni contenute nel Contratto, non costituisce rinuncia ai diritti derivanti dalle disposizioni violate, né al diritto di esigere l'esatto adempimento di tutti i termini e di tutte le condizioni ivi previste.

13.5 I diritti e i rimedi qui inclusi non hanno carattere esclusivo, ma si aggiungono agli altri diritti e rimedi disponibili secondo la legge applicabile.

13.6 Le rubriche delle singole clausole sono state poste al solo scopo di agevolare la lettura del Contratto e, pertanto, di essi non dovrà essere tenuto alcun conto ai fini della interpretazione dello stesso.

13.7 Se una delle disposizioni del Contratto fosse giudicata nulla o inapplicabile da una corte o da altra autorità competente, tale disposizione dovrà ritenersi cancellata dal Contratto e le rimanenti disposizioni del Contratto rimarranno e continueranno a rimanere pienamente valide ed efficaci. Le Parti pertanto dovranno negoziare in buona fede al fine di concordare i termini di una disposizione reciprocamente soddisfacente che sostituisca quella giudicata nulla e inapplicabile. Nel caso in cui non si trovi l'accordo su una nuova disposizione, il Contratto resterà valido ed efficace salvo che la disposizione nulla non fosse di essenziale importanza per almeno una delle Parti da poter ragionevolmente desumere che le Parti non avrebbero sottoscritto il Contratto senza la disposizione nulla.

14. Legge applicabile e Foro Competente

14.1 Le Parti convengono espressamente che il Contratto è disciplinato esclusivamente dalla Legge Italiana senza avere riguardo alle norme in materia di conflitto di leggi di questo ordinamento ed escludendo l'applicabilità della Convenzione sui Contratti per la Vendita Internazionale di Beni Mobili del 1980.

14.2 Le Parti convengono espressamente che ogni controversia relativa alla validità, esecuzione o risoluzione del Contratto sarà sottoposta alla giurisdizione italiana e, in particolare, alla competenza esclusiva del Foro di Asti.

Compratore:

Firmatario:

Titolo:

Luogo:

Data:

Ai sensi e per gli effetti degli artt. 1341 e 1342 c.c., il Compratore espressamente accetta le seguenti clausole: Clausola 3 (Catalogo e Listino Prezzi Hammer), Clausola 8 (Limitazioni di Responsabilità), Clausola 11 (Cessione del Contratto), Clausola 14 (Legge applicabile e Foro Competente).

Compratore:

Firmatario:

Titolo:

Luogo:

Data:

General terms and conditions of sale

1. Definitions

1.1 The terms defined in this clause will have the following meaning in the Contract:

"Catalog" means the document that lists the products sold by Hammer and describes their technical characteristics;

"GTCs" means these general terms and conditions of sale governing the purchase and sale relationship of the Products between Hammer and the Buyer;

"Buyer" means the person identified in the Order Confirmation as the purchaser of the Products

"Order Confirmation" means the purchase confirmation form which contains the Buyer's data, as well as, inter alia, the type, quantity and prices of the Products sold by Hammer to the Buyer and regulated by the GTCs;

"Contract" means jointly the Order Confirmation and the GTCs;

"Force Majeure" means any event that (i) obstructs, delays or prevents a Party from performing one of its obligations, (ii) is beyond any reasonable control of such a Party, (iii) is unforeseeable, (iv) occurs without fault or negligence on the affected Party, (v) cannot be prevented by the affected Party, although acting with reasonable care and due diligence;

"Hammer" means Hammer Srl, with its registered office in Montegrosso d'Asti (AT), Via della Guardia n. 19, VAT number n. 00094860053, registered in the Asti Register of Companies, REA n. AT-46448;

"Hammer Price List" means the document that lists the prices applied by Hammer for the sale of the Products;

"Party" means Hammer or the Buyer, depending on the context, and **"Parties"** means Hammer and the Buyer jointly;

"Price" means the price for the sale of the Products indicated in the Order Confirmation;

"Hammer Products" means the goods referred to in the Catalog to be sold according Order Confirmation, as described therein.

2. Effectiveness of the GTCs

2.1 The GTCs are binding for the Parties and supersede and replace and all prior understanding and agreements, in whatever form regarding the subject matter, as well as any other form pre-arranged by the Buyer.

2.2 The GTCs apply to all Order Confirmations intervened between Hammer and the Buyer during the validity period of the Hammer Price List.

2.3 In the event that the GTCs are in conflict with the provisions contained in the Order Confirmation, the latter will prevail over the GTCs.

3. Hammer Catalog and Price List

3.1 The Buyer expressly declares to have read the Catalog and the Hammer Price List, and to accept the contents of these documents.

3.2 The Buyer acknowledges that the Hammer Price List could be composed of one or more documents depending on the type of Products.

3.3 Hammer reserves the right to change at any time and without notice both the Catalog and the characteristics of the individual goods described therein - in order to adapt them to regulatory, technical or commercial requirements - and the Hammer Price List.

4. Object

4.1 Hammer undertakes to sell the Products to the Buyer, and The Buyer undertakes to purchase, according to all terms and conditions set forth in the Order Confirmation and in the GTCs.

5. Packaging, Transport, and Delivery

5.1 Hammer undertakes to pack the Products with material suitable

for transport.

5.2 The Parties agree that the delivery of the Product takes place EXW headquarters of Hammer (Incoterms 2010).

5.3 Hammer reserves the right to deliver the Products by partial deliveries.

6. Price

6.1 The Buyer undertakes to pay Hammer the Price according to the methods specified in the Order Confirmation.

7. Warranties

7.1 Hammer warrants that the Products are:

- (a) fit for the purpose for which they are intended;
- (b) manufactured accurately, diligently and according to the highest industry standards;
- (c) compliant with all the requirements prescribed by applicable law.

7.2 The warranty period for avoidance and defects of the Products is twelve (12) months from the date of delivery of the Products.

7.3 The Buyer is required to report to Hammer the defects of the Products within 8 calendar days from the discovery, on pain of loss of such a right.

7.4 Defective parts must be returned to Hammer, together with proof of purchase (invoice and sales note). Hammer, following the report received, reserves the right to make its own assessment based on the samples provided and, where necessary, an inspection.

7.5 No agent, distributor or other intermediary of Hammer is authorized to offer any warranty other than those contained in the GTCs.

8. Limitations of Liability

8.1 The Buyer acknowledges that Hammer is in no case liable for defects or damage caused by (i) negligent use of the Products, (ii) installation of Products by personnel not active in the window industry, (iii) failure to maintain the Products, (iv) repairs, replacement of individual components or maintenance carried out by persons not authorized by Hammer, (v) use or maintenance of the Products that does not comply with the indications in the technical documentation and (vi) use of spare parts or consumables not supplied by Hammer.

8.2 The Buyer expressly acknowledges that Hammer is in no case liable for damages, compensation or indemnity in the following cases:

- (a) losses regarding production or profits, as well as indirect costs or damages caused by defects or product malfunction;
- (b) use of the Product for purposes other than those for which the Product is intended

8.3 With regard to surface finishes only, the warranty is not applicable in the event of unexpected defects, in particular in the case of finishes or surfaces that have changed their original condition as result of: (i) use of brushes and / or abrasive or aggressive products for cleaning, (ii) damage caused by scratches or abrasions, (iii) alterations, improper installations, vandalism and in any case incorrect use, (iv) fire damage or other accidental events, (v) non-maintenance, against Hammer's indications, (vi) application in saline environments, (vii) exposure to solvents, chemicals or to chemically aggressive environments.

8.4 Within the maximum limits established by law, Hammer's liability is in any case limited to the Price, for each Order Confirmation.

9. Retention of Title

9.1 Pursuant to Article 1523 of the Italian Civil Code:

- (a) the sale of Hammer Products is understood to be carried out with Hammer Products under the ownership of Hammer until full

payment of the Price;

(b) the risks on the Hammer Products and the responsibility for loss, damage or other losses of Hammer Products pass to the Buyer from the moment of delivery of the Hammer Products.

9.2 Until the transfer of ownership of the Hammer Products is completed, the Buyer is not allowed to sell or otherwise dispose of the Hammer Products without Hammer's consent.

9.3 The Buyer undertakes to keep the Hammer Products in perfect condition. Ordinary and extraordinary maintenance of Hammer Products is the Buyer's responsibility.

9.4 Hammer has the right, at any time and at its own expense, to inspect the Hammer Products to verify their status. Inspections have not to adversely affect the Buyer's right to normal use of Hammer Products.

9.5 In the event of termination of the Contract due to default by the Buyer, Hammer may withhold, by way of indemnity, the payment installments already received, without prejudice for compensation for damages.

10. Termination

10.1 In the event of default by one of the Parties with respect to the obligations deriving from the Contract, the other Party may terminate the Contract pursuant to Article 1454 of the Italian Civil Code, provided that the defaulting Party has not remedied it within fifteen (15) calendar days of receipt of the letter of formal notice specifying the nature of the breach of Contract.

11. Transfer of the Contract

11.1 The Buyer is not allowed to transfer or assign, in whole or in part, any of the rights and / or obligations provided for in the Contract without the prior written consent of Hammer.

11.2 The Buyer hereby gives his consent for Hammer to transfer, in whole or in part, the Contract or the rights and / or obligations provided for in the Contract. To this end, the Buyer, as soon as requested by Hammer, has to promptly carry out all those obligations that may be necessary for the purpose of the transfer of the Contract.

11.3 Hammer may disclose all the information in its possession relating to the Contract, including those relating to its negotiation, as well as those relating to the Buyer which are necessary for the purpose of the transfer of the Contract.

12. Force Majeure

12.1 In the event of a Force Majeure event, the Party whose performance of its obligations is prevented has to notify the other Party within five (5) calendar days providing all relevant details and has to do everything possible to immediately remedy the situation.

12.2 No Party will be liable for any non-fulfillment of the obligations provided for by the Contract to the extent that the fulfillment has been hindered or delayed or prevented by a Force Majeure event communicated in accordance with this Clause. The deadline to perform will be postponed accordingly.

13. Final Provisions

13.1 The Contract constitutes the entire manifestation of all the understandings and agreements between the Parties in relation to its object and constitutes the only source of rights and obligations between them, superseding and replacing any previous understanding and agreement in verbal and written, or otherwise reached through *facta concludentia*.

13.2 Each Party acknowledges that it has not relied on any pre-contractual declaration when agreeing to sign the Contract.

13.3 Any modification or integration to the Contract will not be valid, effective and binding unless it is made in writing and signed by both

Parties, in particular by the Party against which such a modification or integration is invoked.

13.4 The possible tolerance of one of the Parties to the conduct of the other Party, which result in a violation of the provisions contained in the Contract, does not constitute a waiver of the rights deriving from the violated provisions, nor the right to demand the exact fulfillment of all the terms and all the conditions provided therein.

13.5 The rights and remedies included herein are not exclusive in nature, but are in addition to the other rights and remedies available under applicable law.

13.6 The headings of the individual Clauses have been set aside for the sole purpose of facilitating the reading of the Contract and, therefore, they should not be taken into account for the interpretation of the Contract.

13.7 If any provision of the Contract is found by any court or other competent authority to be invalid or unenforceable, that provision will be deemed to be deleted from the Contract and the remaining provisions of the Contract will remain in full force and effect. The Parties will therefore negotiate in good faith in order to agree on the terms of a mutually satisfactory provision replacing the provision deemed void and unenforceable. In the event that no agreement is reached on a new provision, the Contract will remain valid and enforceable unless the invalid provision is of material importance to at least one of the Parties and it can reasonably be assumed that the Parties would not have signed the Contract without such an invalid provision.

14. Applicable Law and Jurisdiction

14.1 The Parties expressly agree that the Contract is governed solely by Italian law without regard to the conflict of laws rules of such a legal system. In addition, the Parties exclude the applicability of the Convention on Contracts for the International Sale of Goods 1980 and its amendments.

14.2 The Parties expressly agree that any dispute arising out of or relating to the validity, execution or termination of the Contract will be subject to Italian jurisdiction and, in particular, to the exclusive jurisdiction of the Court of Asti.

Buyer:
Signatory person:
Title:
Place:
Date:

Pursuant to Articles 1341 and 1342 of the Italian Civil Code, the Buyer expressly accepts the following clauses: Clause 3 (Hammer Catalogue and Price List), Clause 8 (Limitations of Liability), Clause 11 (Transfer of the Contract), Clause 14 (Applicable Law and Jurisdiction).

Buyer:
Signatory person:
Title:
Place:
Date:

Conditions générales de vente

1. Définitions

1.1 Les termes indiqués dans cette Clause auront, dans le Contrat, la signification indiquée ci-après :

“**Catalogue**” indique le document mentionnant la liste des produits vendus par Hammer et en décrit les caractéristiques techniques ;

“**CGC**” indique les présents termes et conditions générales régissant le rapport d’achat-vente des Produits entre Hammer et l’Acheteur ;

“**Acheteur**” indique la personne identifiée dans la Confirmation de Commande en qualité d’acheteur des Produits ;

“**Confirmation de Commande**” indique le formulaire de confirmation d’achat contenant les données de l’Acheteur, ainsi que, entre autres, la typologie, la quantité et les prix des Produits vendus par Hammer à l’Acheteur et régi par les CGV ;

“**Contrat**” indique conjointement la Confirmation de Commande et les CGC ;

“**Force Majeure**” indique tout événement qui (i) entrave, retarde ou empêche à une Partie d’accomplir une de ses obligations, (ii) est au-delà de tout contrôle raisonnable de cette Partie, (iii) est imprévisible, (iv) se produit sans faute ou négligence de la Partie intéressée, (v) ne peut pas être empêché par la Partie intéressée, même si elle agit avec une raisonnable diligence ;

“**Hammer**” indique Hammer S.r.l., ayant son siège social à Montegrosso d’Asti (AT), Via della Guardia n. 19, N° de TVA. 00094860053, inscrite au Registre du Commerce et des Entreprises de Asti, REA n. AT-46448 ;

“**Tarif Hammer**” indique le document précisant les prix appliqués par Hammer pour la vente des Produits ;

“**Partie**” indique Hammer ou l’Acheteur, selon le contexte, et “**Parties**” indique Hammer et l’Acheteur conjointement ;

“**Prix**” indique la contrepartie pour la vente des Produits indiquée dans la Confirmation de Commande ;

“**Produits Hammer**” indique les biens figurant au Catalogue faisant l’objet de la vente décrits dans la Confirmation de Commande.

2. Efficacité des CGC

2.1 Les CGC sont contraignantes pour les Parties et se substituent et remplacent les clauses générales ou d’autres formulaires de l’Acheteur.

2.2 Les CGC s’appliquent à toutes les Confirmations de Commande intervenues entre Hammer et l’Acheteur dans la période de validité du Tarif Hammer.

2.3 Au cas où les CGC seraient en contraste avec les stipulations de la Confirmation de Commande, lesdites stipulations prévaudront sur les CGC.

3. Catalogue et tarif Hammer

3.1 L’Acheteur déclare expressément d’avoir pris vision du Catalogue et du Tarif Hammer et d’accepter les contenus desdits documents.

3.2 L’Acheteur reconnaît que le Tarif Hammer pourrait être constitué d’un ou plusieurs documents en fonction de la typologie de Produits.

3.3 Hammer se réserve le droit de modifier à n’importe quel moment et sans préavis le Catalogue et les caractéristiques de chacun des biens qui y sont décrits afin de les conformer aux exigences de nature réglementaire, technique ou commerciale, ainsi que le Tarif Hammer.

4. Objet

4.1 Hammer s’engage à vendre à l’Acheteur, qui s’engage à acheter, les Produits aux termes et aux conditions indiqués dans la Confirmation de Commande et dans les CGC.

5. Emballage, transport et livraison

5.1 Hammer s’engage à emballer les Produits avec du matériel approprié au transport.

5.2 Les Parties conviennent que la livraison du Produit a lieu EXW

siège de Hammer (Incoterms 2010).

5.3 Hammer se réserve le droit de livrer les Produits par des livraisons partielles.

6. Prix

6.1 L’Acheteur s’engage à verser à Hammer le Prix selon les modalités indiquées dans la Confirmation de Commande.

7. Garanties

7.1 Hammer garantit que les Produits sont :

(a) appropriés pour l’usage auquel ils sont destinés ;

(b) fabriqués de manière soignée, diligente et selon les standards du secteur les plus élevés ;

(c) conformes à toutes les exigences prévues par la loi applicable.

7.2 La période de garantie pour éviction et pour vices et défaut des Produits est de douze (12) mois à compter de la date de livraison des Produits.

7.3 L’Acheteur est tenu à dénoncer à Hammer les vices des Produits dans les 8 jours civils de leur découverte sous peine de déchéance. Les détails relatifs aux défauts devront être communiqués à Hammer, accompagnés de la preuve d’achat (facture et bulletin de vente). Suite à la communication reçue, Hammer se réserve d’effectuer son évaluation sur la base des échantillons fournis et, si nécessaire, un contrôle sur place.

7.4 Aucun agent, distributeur ou autre intermédiaire de Hammer n’est autorisé à offrir des garanties ultérieures par rapport à celles prévues aux CGC.

8. Limitations de responsabilité

8.1 L’Acheteur reconnaît que Hammer n’est en aucun cas responsable des défauts ou des dommages causés par (i) l’utilisation négligente des Produits, (ii) l’installation des Produits effectuée par du personnel non opérant dans le secteur de la menuiserie, (iii) le défaut d’entretien des Produits, (iv) des réparations, des remplacements de composants individuels ou des entretiens effectués par des personnes non autorisées par Hammer, (v) l’utilisation ou l’entretien des Produits non conforme à ce qui est indiqué dans la documentation technique et (vi) l’utilisation de pièces détachées ou de consommables non fournis par Hammer.

8.2 L’Acheteur reconnaît expressément que Hammer n’est en aucun cas responsable des dommages, de l’indemnisation ou de l’indemnité dans les cas suivants :

(a) pertes de production ou manque à gagner ou coûts ou dommages indirects causés par des vices ou par le mauvais fonctionnement du Produit ;

(b) utilisation du Produit pour des finalités autres que celles auxquelles le Produit est destiné.

8.3 Limitativement aux finitions superficielles, la garantie n’est pas applicable en cas de défauts survenus, notamment s’agissant de finitions ou de surfaces ayant changé leur état d’origine suite à : (i) l’utilisation de brosses et/ou de produits abrasifs ou agressifs pour le nettoyage, (ii) des dommages causés par des éraflures ou des abrasions, (iii) en cas d’altérations, d’installations inappropriées, d’actes de vandalisme et de toute manière d’utilisation non correcte, (iv) des dégâts du feu ou d’autres événements accidentels, (v) un défaut d’entretien selon les indications de Hammer, (vi) l’applications en milieux salins, (vii) l’exposition à des solvants, des agents chimiques ou à des environnements caractérisés par des agressions chimiques.

8.4 Dans les limites prévues par la loi, la responsabilité de Hammer est de toute manière limitée, pour chaque Confirmation de Commande, au Prix.

9. Réserve de propriété

9.1 Aux termes de l’art. 1523 c.c. :

(a) la vente de Produits Hammer s’entend effectuée avec réserve de

propriété des Produits Hammer dans le chef de Hammer jusqu'au paiement intégral du Prix;

(b) les risques sur les Produits Hammer et la responsabilité pour disparition, dommage ou d'autres pertes sont à la charge de l'Acheteur à partir de la livraison des Produits Hammer.

9.2 L'Acheteur, jusqu'au passage de propriété des Produits Hammer, ne pourra pas céder ou de toute manière disposer des Produits Hammer sans le consentement de Hammer.

9.3 L'Acheteur s'engage à maintenir les Produits Hammer en parfait état. L'entretien ordinaire et extraordinaire des Produits Hammer est à la charge de l'Acheteur.

9.4 Hammer a le droit, à n'importe quel moment et à ses frais, d'inspecter les Produits Hammer pour en vérifier l'état. Les inspections ne doivent pas porter atteinte au droit de l'Acheteur à la normale utilisation des Produits Hammer.

9.5 En cas de résolution du Contrat pour manquement de l'Acheteur, Hammer pourra garder, à titre d'indemnisation, les mensualités de paiement déjà perçues, sauf dommage plus important.

10. Résolution

10.1 En cas de manquement d'une des Parties aux engagements pris aux termes du Contrat, l'autre Partie pourra résoudre le Contrat aux termes de l'art. 1454 c.c. si la Partie défaillante n'y a pas remédié dans les 15 (quinze) jours civils de la réception de la lettre de mise en demeure spécifiant la nature du manquement.

11. Cession du Contrat

11.1 L'Acheteur ne pourra transférer ni céder, en tout ou en partie, aucun des droits ou obligations visés au Contrat sans le consentement préliminaire écrit de Hammer.

11.2 L'Acheteur accorde d'ores et déjà son consentement afin que Hammer cède, en entier ou en partie, le Contrat ou les droits et/ou les obligations visés au Contrat. À cet effet, l'Acheteur, dès que Hammer le demandera, devra effectuer sans délai toutes les formalités se rendant éventuellement nécessaires pour la cession du Contrat.

11.3 Hammer pourra communiquer toutes les informations en sa possession relatives au Contrat, y compris celles relatives à sa négociation, ainsi que celles relatives à l'Acheteur se rendant nécessaires pour la cession du Contrat.

12. Force Majeure

12.1 Au cas où un évènement de Force Majeure surviendrait, la Partie à laquelle l'accomplissement de ses obligations est empêchée devra en informer l'autre Partie dans les cinq (5) jours de calendrier en communiquant tous les détails relatifs et devra tout mettre en œuvre pour remédier immédiatement à cette situation.

12.2 Aucune des Parties ne sera responsable d'un inaccomplissement éventuel des obligations à sa charge aux termes du Contrat dans la mesure où cet inaccomplissement aura été entravé ou retardé ou empêché par un évènement de Force Majeure communiqué en conformité à la présente Clause et le délai d'accomplissement de l'obligation/des obligations empêché(s) sera reporté en conséquence.

13. Dispositions finales

13.1 Le Contrat exprime l'intégralité de toutes les ententes et accords intervenus entre les Parties concernant son objet et constitue la seule source de droits et devoirs entre ces dernières, annulant et remplaçant tout accord précédent verbal, écrit et/ou stipulé moyennant des faits concluants.

13.2 Chacune des Parties déclare ne s'être prévalué d'aucune déclaration pré-contractuelle au moment de convenir de la souscription du Contrat.

13.3 Toute modification ou intégration au Contrat ne sera valable, efficace et contraignante que si elle résulte d'un acte rédigé et signé

par les Parties et notamment par la Partie à l'égard de laquelle elle est invoquée.

13.4 L'éventuelle tolérance d'une des Parties concernant les agissements de l'autre, en violation des dispositions visées au Contrat, ne constitue pas une renonciation aux droits découlant des dispositions violées ni au droit d'exiger le plein accomplissement de tous les termes et de toutes les conditions qui y sont prévues.

13.5 Les droits et les remèdes visés aux présentes n'ont pas un caractère exclusif, mais ils s'ajoutent aux autres droits et remèdes disponibles selon la loi applicable.

13.6 Les intitulés de chaque clause ont été indiqués dans le seul but de faciliter la lecture du Contrat et, en conséquence, il ne faudra pas en tenir compte pour l'interprétation de ce dernier.

13.7 Si une des dispositions du Contrat était considéré nulle ou inapplicable par un tribunal ou une autre autorité compétente, ladite disposition devra être considérée supprimée du Contrat et les autres dispositions du Contrat resteront et continueront à rester pleinement valables et efficaces. Les Parties devront donc négocier en bonne foi afin de convenir des termes d'une disposition réciproquement satisfaisante remplaçant la disposition nulle et inapplicable. Au cas où on ne parviendrait pas à un accord sur une nouvelle disposition, le Contrat restera valable et efficace sauf si la disposition nulle était d'importance essentielle pour au moins une des Parties si bien qu'on puisse raisonnablement déduire que les Parties n'auraient pas souscrit le Contrat sans la disposition nulle.

14. Droit applicable et Tribunal compétent

14.1 Les Parties conviennent expressément que le Contrat est exclusivement régi par le droit italien sans considérer les normes en matière de conflit de lois de ce système juridique et exclusion faite de l'applicabilité de la Convention sur les Contrats pour la Vente Internationale de Biens Meubles de 1980.

14.2 Les Parties conviennent expressément que tout litige concernant la validité, l'exécution ou la résolution du Contrat sera soumis à la compétence de la juridiction italienne et, notamment, à la compétence exclusive du Tribunal de Asti.

Acheteur:

Signataire:

Qualité:

Lieu:

Date:

Aux termes des articles 1341 et 1342 c.c., l'Acheteur accepte expressément les clauses suivantes: Clause 3 (Catalogue et Tarif Hammer), Clause 8 (Limitations de Responsabilité), Clause 11 (Cession du Contrat), Clause 14 (Loi applicable et Tribunaux compétents).

Acheteur:

Signataire:

Qualité:

Lieu:

Date:





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www.stefanoadorno.com
info@stefanoadorno.com

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HAMMER srl
Via della Guardia, 11/13/15/17/19
14048 Montegrosso d'Asti AT - ITALY



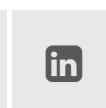
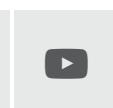
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