

# 2012

Catalogo Generale • General Catalogue



made  
in  
Italy



1962



1965



1967



1969



1973



1978



2003





Oggi  
*Today*





Affiancati da una dinamica rete  
commerciale, esportiamo in tutto  
il mondo.



*Supported by a dynamic commercial network,  
we export all over the world.*



Siamo specializzati nella progettazione e produzione di ferramenta per mobili con quattro linee produttive ben distinte, ognuna delle quali con articoli di varie dimensioni, materiali e finiture:

- **cerniere invisibili**
- **movimenti per ante**
- **giunzioni e bussole per l'assemblaggio di pannelli**
- **reggipiani**



*Our company is specialized in the design and the production of hardware for furniture and has four different production lines. Each line is characterised by articles of different sizes, materials and finishings:*

- ***invisible hinges***
- ***movements for furniture doors***
- ***joints and compasses for panels assembly***
- ***shelf supports***

L'alta qualità dei materiali, l'accurato controllo e la continua ricerca permettono certificazioni sempre più specifiche e qualitative

*Thanks to the high quality of materials we use, to an accurate quality control and to the continuous research, our products have reached a very high degree of reliability; all our processes and products are guaranteed by UNI EN ISO 9001:2000 Certificate.*



## Materie prime utilizzate

### Acciaio

Lega a base di ferro contenente carbonio in percentuale variabile da 0,1% ad un massimo del 2%. L'acciaio è uno dei materiali più diffusi al mondo grazie alle sue caratteristiche di robustezza, totale riciclabilità, elevata resistenza meccanica, malleabilità ed elasticità. Ha inoltre la possibilità di acquisire resistenza meccanica e durezza attraverso i molteplici trattamenti di "temper".

### Ottone

Lega a base di rame contenente zinco in percentuale oscillante fra il 36% e il 45% e altri elementi come il manganese e lo stagno per aumentare la resistenza alla corrosione, il ferro per aumentare il carico di rottura, l'alluminio per aumentare la resistenza alla corrosione. Grazie alle loro caratteristiche meccaniche e alla resistenza agli agenti atmosferici e all'ottima lavorabilità gli ottoni trovano applicazione in campi vastissimi. Si prestano inoltre facilmente a rivestimenti superficiali di tipo galvanico e quindi trovano largo impiego per scopi decorativi.

### Zama

Lega a base di zinco contenente alluminio in percentuale compresa fra il 3% e il 5% e rame in percentuale compresa fra l'1% e il 3%. Utilizzata soprattutto per pressofusioni per ottenere pezzi con forme anche molto complesse e tolleranze dimensionali ridotte. Si presta ad ogni trattamento galvanico.

### Nylon

Nome commerciale Poliammide PA6/66. È un materiale termoplastico con buone caratteristiche di resistenza meccanica, ottima tenacità ed elevata resistenza all'urto. Per le sue proprietà di elevata resistenza all'usura e antieffrazione è adatto ad impieghi tecnici. Si presenta quasi trasparente al naturale ed è colorabile in molteplici tinte.

## Raw materials

### Steel

*Iron-based alloy which contains a variable percentage of carbon from 0,1% up to a maximum of 2%. Steel is one of the most widespread material in the world, thanks to its properties of strength, complete recyclability, high mechanical resistance, pliability and elasticity. Furthermore, it can gain mechanical resistance and toughness through many "temper" treatments.*

### Brass

*Copper-based alloy which contains a percentage of zinc which varies from 36% up to 45% and other elements like magnesium and tin, in order to increase corrosion resistance, iron in order to increase ultimate strength, aluminum in order to increase corrosion resistance. Thanks to its mechanical features, weathering resistance and excellent workability, brass can have many applications. Brass can be easily used for surface coatings with a galvanic treatment and for this reason it is highly used for decorations.*

### Zama

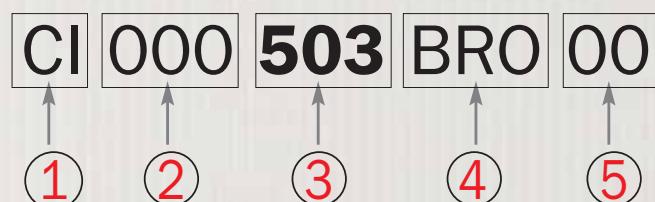
*Zinc-based alloy which contains a percentage of aluminium between 3% and 5% and a percentage of copper between 1% and 3%. It can be used for pressure die castings in order to obtain items with a very complicated shape and reduced dimensional tolerances. It can be applied to any galvanic treatment.*

### Nylon

*Commercial name: Polyamide PA6/66. It is a thermoplastic material with high mechanical resistance properties, excellent toughness and high resistance to impact. Thanks to its properties of high wear resistance and antieffraction, it is suitable for many technical uses. It is almost transparent when it is raw, but it can be produced in many colours.*

## Codifica articoli

## Article codification



**1**

Definizione del prodotto  
**CI** = cerniera invisibile  
**BR** = basetta regolabile  
**VT** = viti  
**AM** = accessori per mobili  
**SF** = snodo frenante  
**PG** = pistone a gas  
**MA** = mercurio  
**AT** = aste  
**BT** = bracci telescopici  
**RE** = reggipiani

**1**

*Definition of the product*  
**CI** = invisible hinge  
**BR** = adjustable strip  
**VT** = screws  
**FA** = furniture accessories  
**SF** = braking joint  
**PG** = gas piston  
**MA** = mercury  
**AT** = arms  
**BT** = telescopic arms  
**RE** = surface support

**2**

Questi numeri offrono la possibilità di ampliare la gamma dei nostri articoli

**2**

*These numbers offer the possibility to widen the range of our products.*

**3**

Numero di articolo

**3**

*Article number*

**4**

Finitura  
**MAR** = marrone  
**NER** = nero  
**BIA** = bianco  
**OTT** = ottonato  
**NIK** = nichelato  
**BRO** = bronzato  
**ZNB** = zincocromato

**4**

*Finishes*  
**MAR** = brown  
**NER** = black  
**BIA** = white  
**OTT** = brass  
**NIK** = nickel  
**BRO** = bronze  
**ZNB** = chromed zinc

**5**

Questi codici, secondo gli articoli, definiscono la dimensione, il tipo di attacco, ecc

**5**

*According to the articles, these codes define the dimensions, the type of attachment, etc.*

### Esempio:

Se ordinate una cerniera art. 503 in acciaio bronzato, il codice per l'ordine è:

CI000503BRO00

### Example:

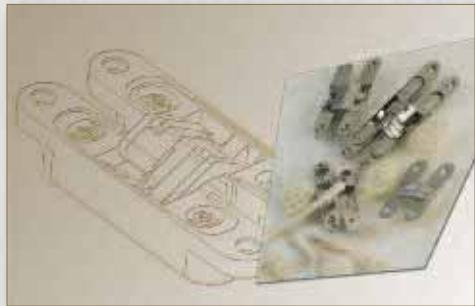
*If you order an art. 503 hinge of bronzed steel, the order code is:*

**CI000503BRO00**



## Cerniere invisibili regolabili per porte

*Invisible adjustable hinges for doors*



- Cerniere invisibili regolabili per porte
- Cerniera invisibile regolabile per porte vetro
- Cerniere invisibili per porte
- Cerniera invisibile 100% acciaio
- Basetta per regolazione cerniere
- Dima di foratura

## Cerniere invisibili per mobili

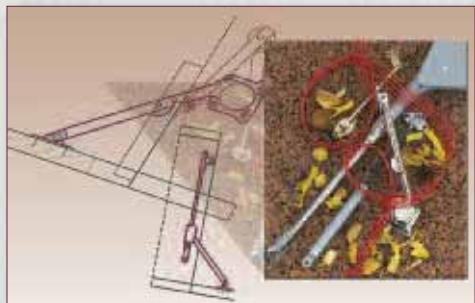
*Invisible hinges for furniture*



- Cerniere invisibili per mobili
- Cerniere invisibili laterali per mobili

## Movimenti ante

*Wing movements*



- Mercurio
- Snodo frenante
- Pistone a gas
- Ammortizzatore
- Aste
- Bracci telescopici

## Giunzioni e bussole

*Joints and bushes*



- Giunzioni e bussole

## Reggipiani

*Shelf supports*

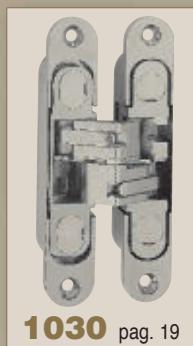


- Reggipiani

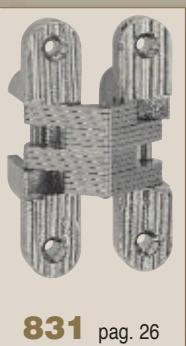


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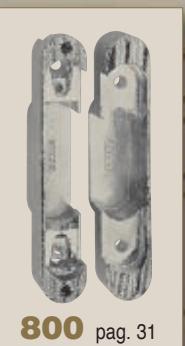
• Invisible adjustable hinges for doors	• Charnières invisibles réglables pour portes	• Unsichtbare regulierbare Scharniere für Türen	19
• Invisible adjustable hinges for glass doors	• Charnières invisibles règlables pour portes en verre	• Unsichtbare regulierbare Scharniere für Glastüren	21
• Invisible hinges for doors	• Charnières invisibles pour portes	• Unsichtbare Scharniere für Türen	25
• Invisible hinge 100% stainless steel	• Charnière invisible 100% acier inox	• Unsichtbare Scharniere 100% Stahl inox	27
• Base for adjustable mounting of hinges	• Base pour réglage charnières	• Grundplatte für Einstellung	31
• Drilling template	• Outilage pour forage	• Bohrschablone	36
<hr/>			
• Invisible hinges for furniture	• Charnières invisibles pour meubles	• Unsichtbare Scharniere für Möbel	40
• Side invisible hinges for furniture	• Charnières invisibles latérales pour meubles	• Unsichtbare seitliche Scharniere für Möbel	48
<hr/>			
• Mercurio	• Mercurio	• Mercurio	54
• Braking joint	• Bras auto-bloquant	• Klappenbremse	59
• Gas piston	• Piston à gaz	• Gasdämpfer	61
• Shock absorber	• Amortisseur	• Stoß Dämpfer	62
• Arms	• Tiges	• Klappenhalter	64
• Telescopic arms	• Bras télescopiques	• Klappenhalter mit Anschlag	70
<hr/>			
• Joints and bushes	• Joints et douilles	• Verninder und Muffen	74
<hr/>			
• Shelf supports	• Porte-rayons	• Bodenträger	80



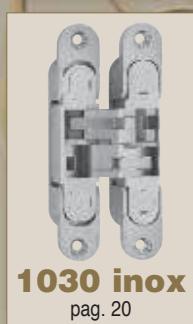
**1030** pag. 19



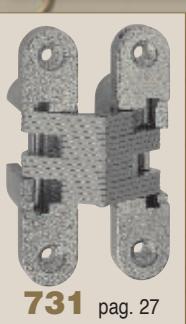
**831** pag. 26



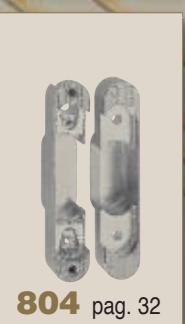
**800** pag. 31



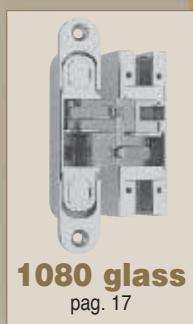
**1030 inox**  
pag. 20



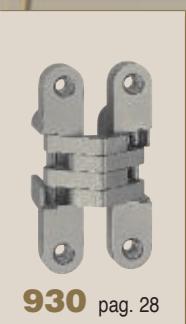
**731** pag. 27



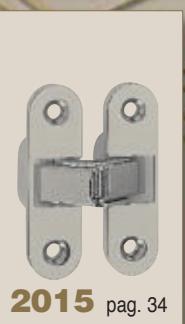
**804** pag. 32



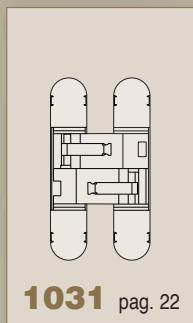
**1080 glass**  
pag. 17



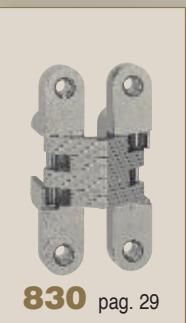
**930** pag. 28



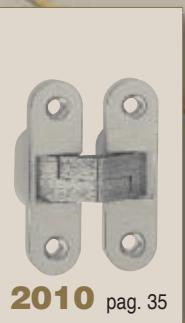
**2015** pag. 34



**1031** pag. 22



**830** pag. 29



**2010** pag. 35



**1029** pag. 23



**829** pag. 30



**DIMA**  
pag. 36

made in Italy



**CERM**

*passion  
for movement*



## **Cerniere invisibili per porte** *Invisible hinges for doors*





## Sistema tre assi regolabili singolarmente

# STARS

- **Cerniera invisibile regolabile**  
reversibile
- **Realizzata in zama**  
particolarmente indicata per applicazioni in cui:
  - \* eleganza, precisione e robustezza siano prerogative fondamentali
  - \* l'apertura della porta sia destra o sinistra
  - \* le dimensioni siano ostacoli da superare  
spessore minimo della porta 30 ÷ 45 mm  
**spessore minimo dello stipite 18 ÷ 29 mm**
  - \* l'eleganza sia un'esigenza  
le viti di regolazione sono coperte
  - \* la manutenzione è facilitata  
è possibile smontare la porta senza svitare le viti di fissaggio
  - \* la regolazione si effettua secondo le necessità  
regolazioni, anche minime, sui 3 assi  
(X orizzontale, Y verticale, Z profondità)
  - \* sia necessaria l'apertura a 180°.

Le cerniere della serie S.T.A.R.S. sono brevettate



**System with three independent  
adjustable axes**

# STARS

- **Invisible adjustable hinge**  
reversible
- **Made in zamak**  
particularly suited for applications in which:
  - \* **elegance, precision and durability are fundamental requisites**
  - \* **the door must open to the either to the left or right**
  - \* **measurements are obstacles to overcome**  
minimum thickness of the door 30 ÷ 45 mm
  - minimum thickness of the jamb 18 ÷ 29 mm**
  - \* **elegance is a must**  
adjustment screws are covered
  - \* **maintenance must be easy**  
the door can be dismounted without loosening the fixing screws
  - \* **adjustments can be made as needed**  
even small adjustments on all 3 axes  
(X horizontal, Y vertical, Z depth)
  - \* **the door must open to 180°.**

The hinges of S.T.A.R.S. series are patented



**Certificazione di prodotto** n. 020AW/0 emesso da ICIM SPA e **"Attestato di resistenza al fuoco"** con norme di riferimento UNI EN 1634-2 ed. 2009 emesso da LAPI SPA, sono il riconoscimento delle caratteristiche qualitative della cerniera regolabile S.T.A.R.S. art. 1030.

*Product certificate n. 020AW/0 issued by ICIM SPA and "Fire resistance certificate" with reference standard UNI EN 1634-2: 2009 issued by LAPI SPA, attest to the quality of the S.T.A.R.S. art. 1030 adjustable hinge.*



# Cerniere invisibili regolabili per porte Invisible adjustable hinges for doors

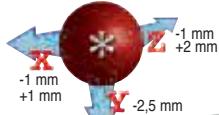


Modello brevettato

Patented model

# 1030

134x24 mm

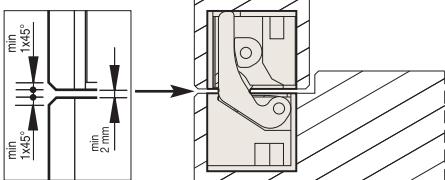
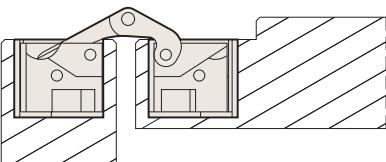
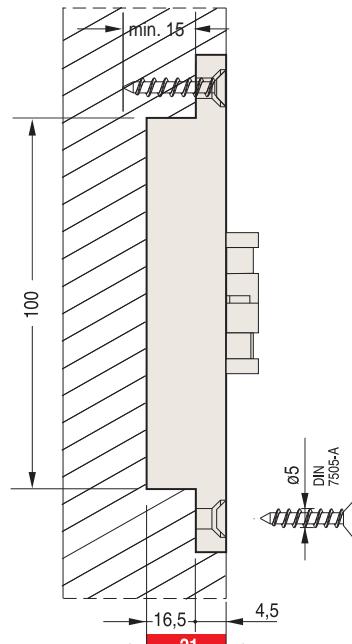
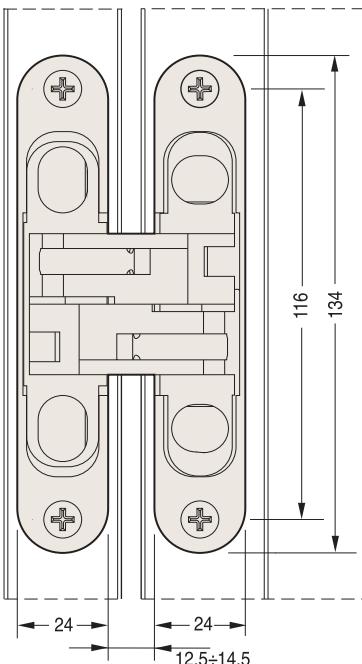


**35 min fire rated**

Lubrificare una volta all'anno

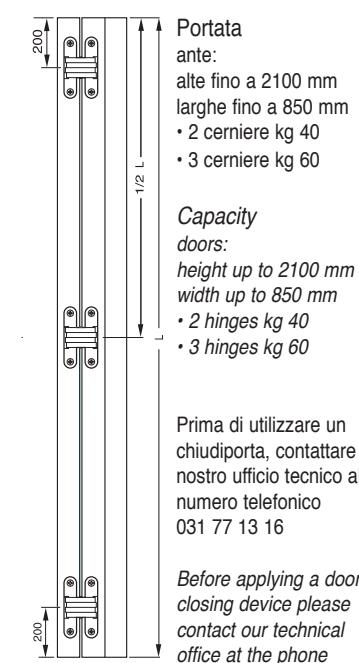
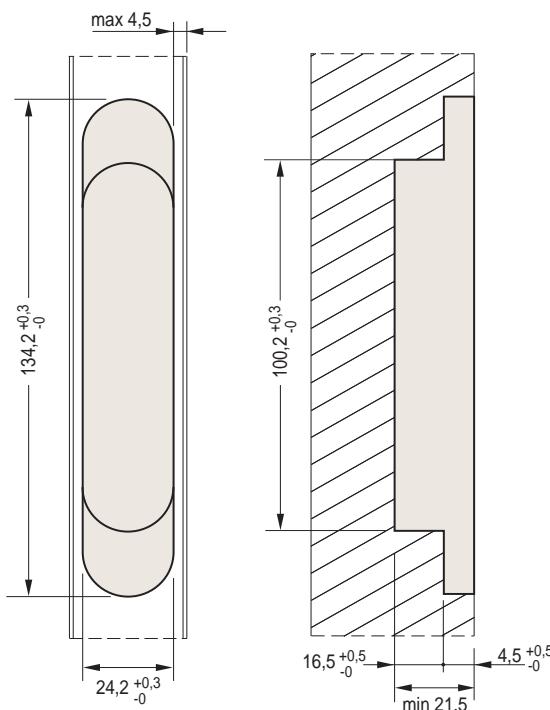
The hinge must be lubricated once a year

Cod.	Zama	Zinc alloy	Zamak	Zama		
CI001030OTT00	ottanato	brass-plated	laitonné	vermessingtem	180°	4
CI001030NIK00	nickelato	nickel-plated	nickelé	vernikeltem	180°	4
CI001030COP00	cromato opaco	matt chrome	chromé mat	matt verchromt	180°	4
CI001030ARG00	verniciato argento	silver painted	verni argent	Silber lackiert	180°	4



Misure della cava

Slot measurement



Digma di foratura - pag 36  
Drilling template - pag 36





**STARS**

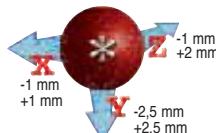
NOVITÀ NEW  
Autunno 2012 Autumn 2012

## Cerniere invisibili regolabili per porte Invisible adjustable hinges for doors

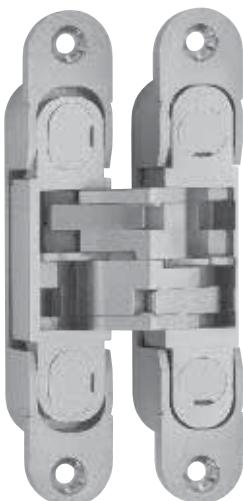
Modello brevettato  
Patented model

**1030 inox**

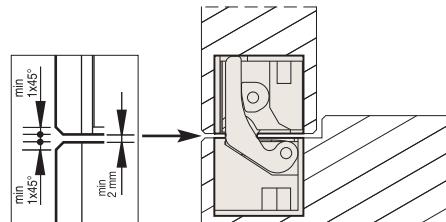
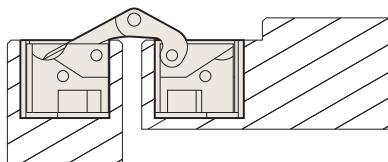
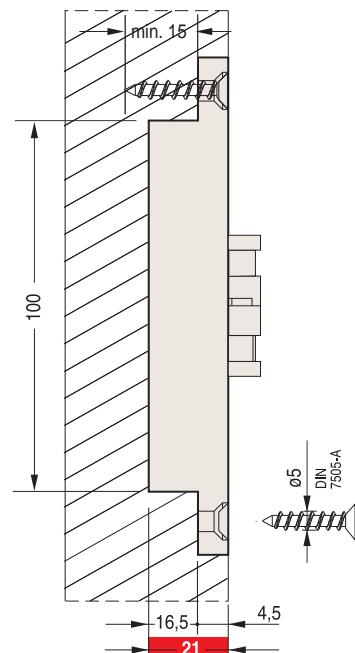
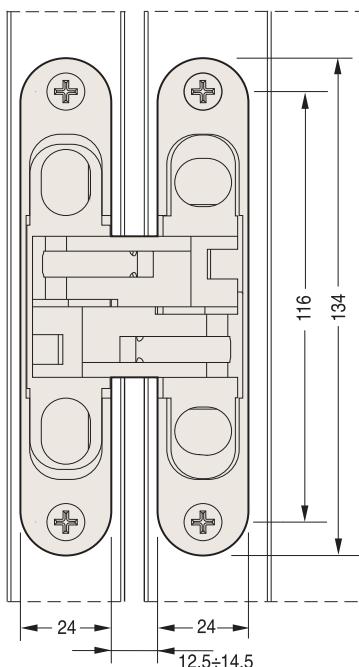
134x24 mm



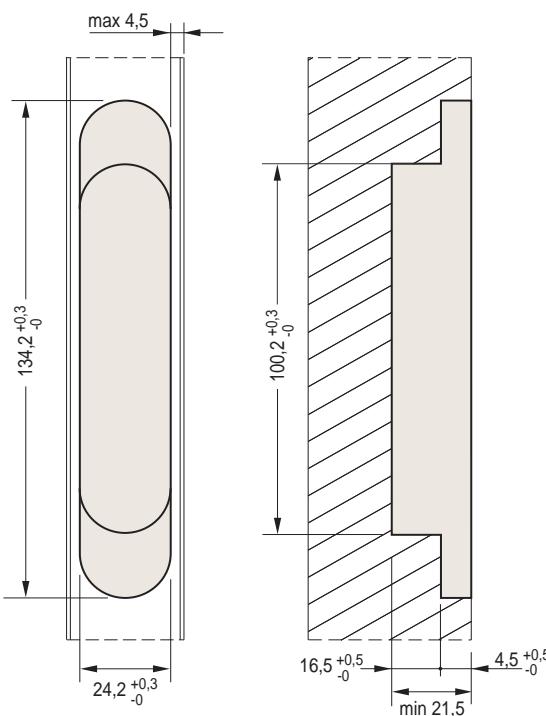
Lubrificare una volta all'anno  
The hinge must be lubricated once a year



Cod.	Acciaio	Steel	Acier	Sthal
CI001030ACI00	inox	stainless	inox	Rostfreiem



Misure della cava  
Slot measurement



Dirma di foratura - pag 36  
Drilling template - pag 36



**CERM®**

made in Italy



**Cerniere invisibili regolabili per porte vetro**  
**Invisible adjustable hinges for glass doors**

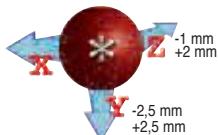
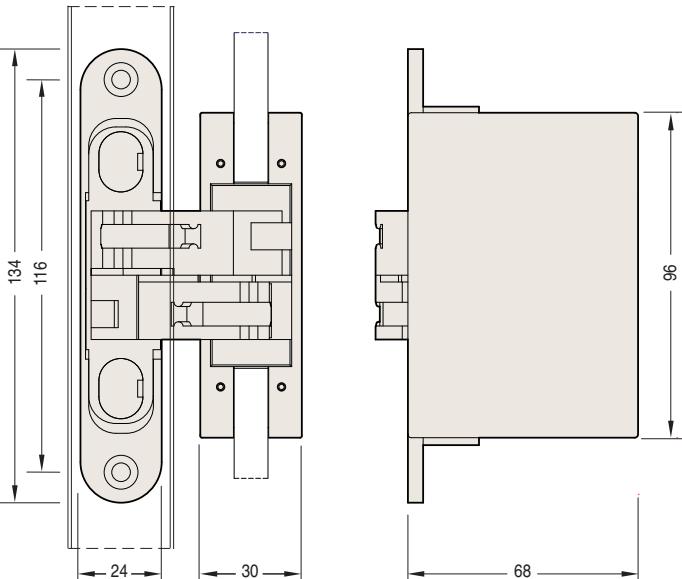
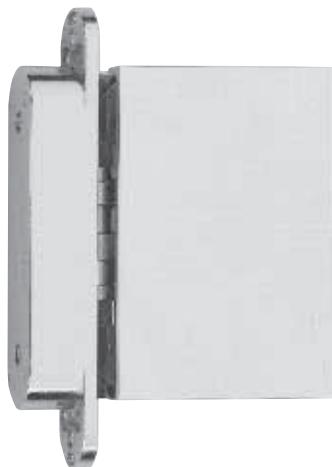
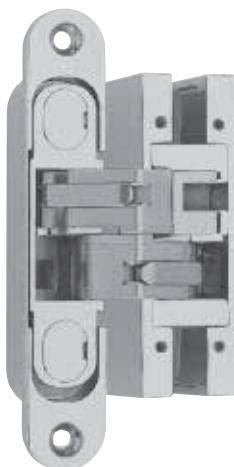
**1080 glass**

134x24 mm

Modello brevettato

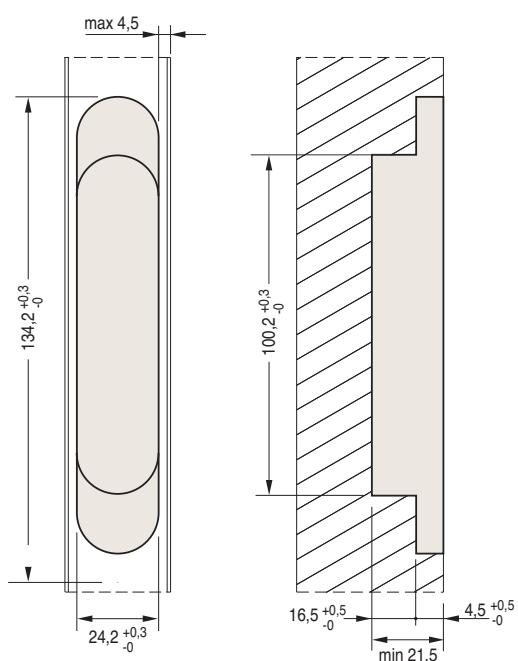
Patented model

Cod.	Zama	Zinc alloy	Zamak	Zama	180°	4
CI001080NIKVT	nicheletta	nickel-plated	nichelé	vernikeltem	180°	4
CI001080ARGVT	verniciato argento	silver painted	verni argent	Silber lackiert	180°	4



Misure della cava - stipite

Slot measurement - door-jamb



Cristallo: 8 mm  
4 guarnizioni

Glass: 8 mm  
4 gaskets

Cristallo: 10 mm  
2 guarnizioni

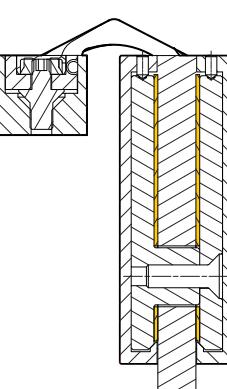
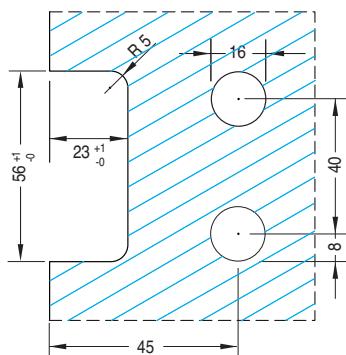
Glass: 10 mm  
2 gaskets

Portata: come art. 1030

Capacity: as art. 1030

Dima di foratura - vetro

Drilling template - glass





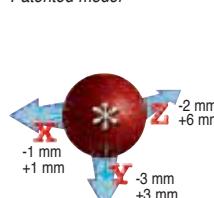
**STARS**

NOVITÀ NEW  
Autunno 2012 Autumn 2012

## Cerniere invisibili regolabili per porte Invisible adjustable hinges for doors

Modello brevettato

Patented model



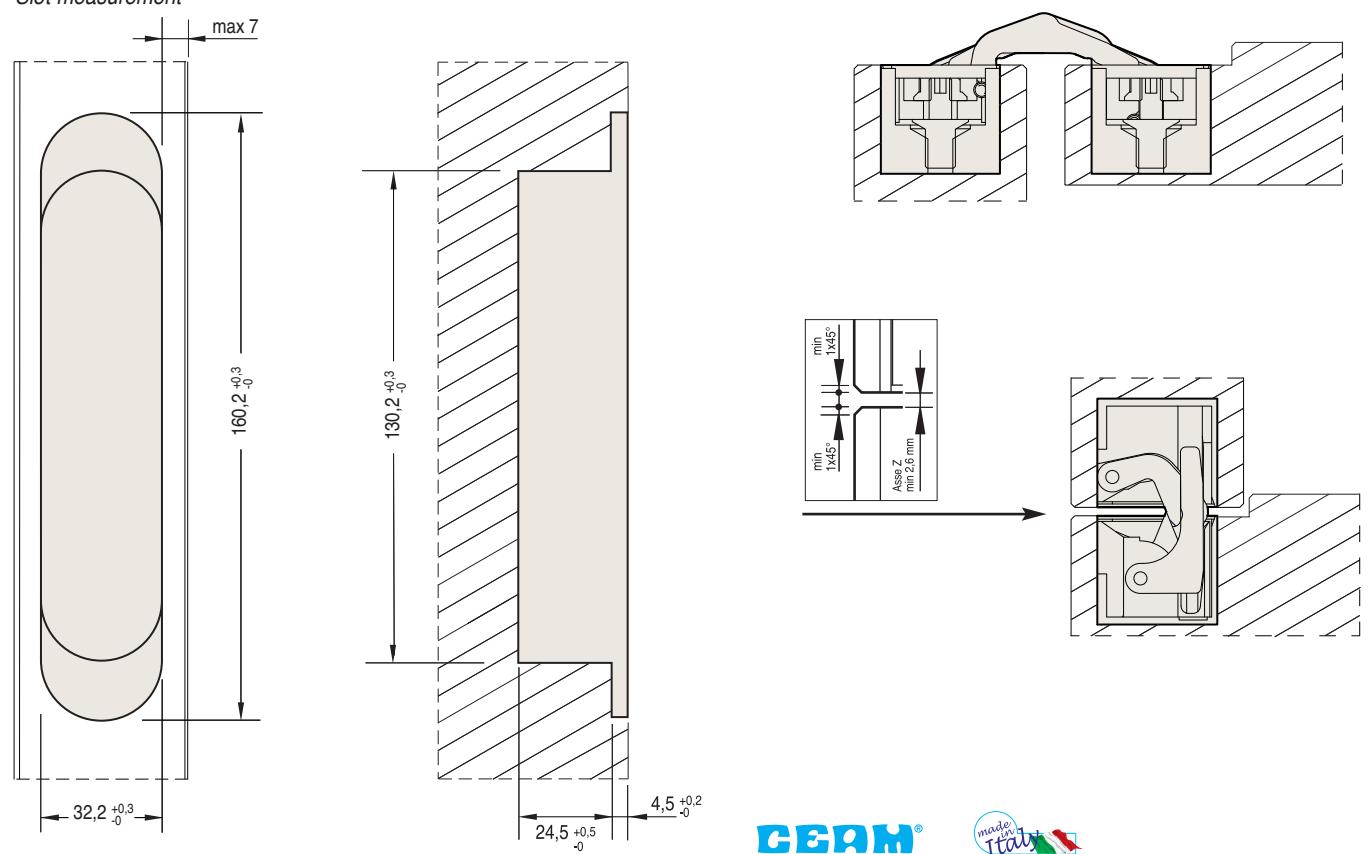
**1031**

160x32 mm

Cod.	Zama	Zinc alloy	Zamak	Zama	
CI001031OTT00	ottonato	brass-plated	laitoné	vermessingtem	180° 4
CI001031NIK00	nichelato	nickel-plated	nickelé	vernikeltem	180° 4
CI001031COP00	cromato opaco	matt chrome			180° 4
CI001031ARG00	verniciato argento	silver painted	verni argent	Silber lackiert	180° 4

Misure della cava

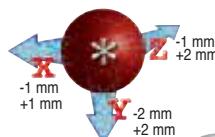
Slot measurement



**CEAM**

made in Italy

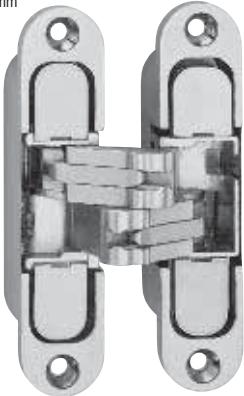
# Cerniere invisibili regolabili per porte Invisible adjustable hinges for doors



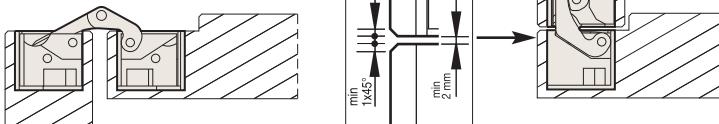
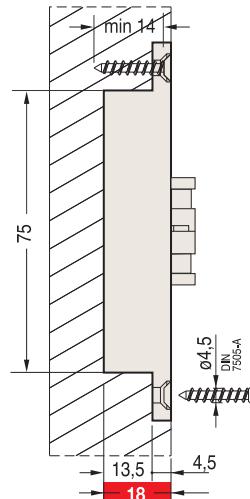
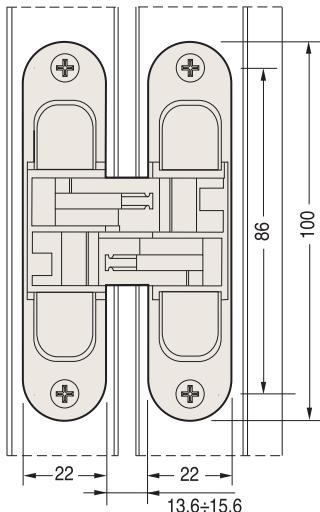
**1029**  
100x22 mm

Modello brevettato  
Patented model

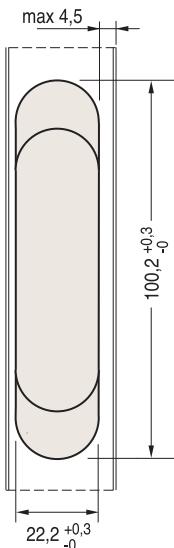
Lubrificare una volta all'anno  
The hinge must be lubricated once a year



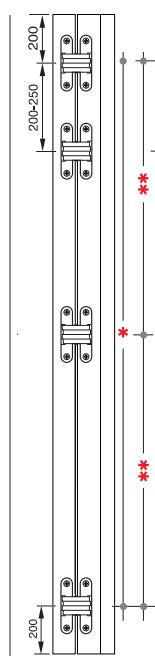
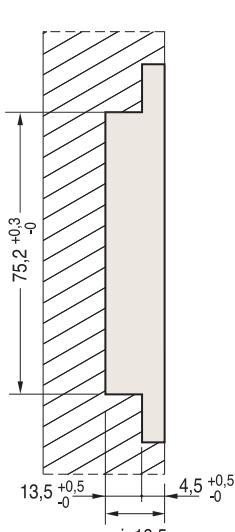
Cod.	Zama	Zinc alloy	Zamak	Zama	
CI001029OTT00	ottonato	brass-plated	laitonné	vermessingtem	180° 12
CI001029NIK00	nicchelato	nickel-plated	nickelé	vernikeltem	180° 12
CI001029COP00	cromato opaco	matt chrome		180° 12	
CI001029ARG00	verniciato argento	silver painted	verni argent	Silber lackiert	180° 12



Misure della cava  
Slot measurement



Digma di foratura - pag 36  
Drilling template - pag 36



Portata  
ante:  
alte fino a 2100 mm  
larghe fino a 850 mm  
\* 2 cerniere kg 25  
\*\* 3 cerniere kg 30  
\*\*\* 3 cerniere kg 40

Capacity  
doors:  
height up to 2100 mm  
width up to 850 mm  
\* 2 hinges kg 25  
\*\* 3 hinges kg 30  
\*\*\* 3 hinges kg 40

Prima di utilizzare un chiudiporta, contattare il nostro ufficio tecnico al numero telefonico  
031 77 13 16

Before applying a door closing device please contact our technical office at the phone n. +39 - 031 77 13 16

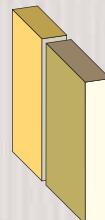
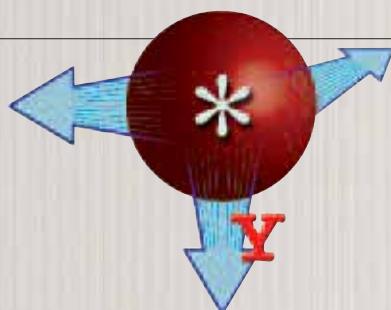


**STARS**

**Regolazione cerniere invisibili regolabili**  
*Invisible adjustable hinges for doors*

**Regolazione verticale**

*Vertical adjustment*

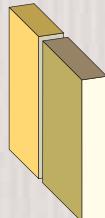
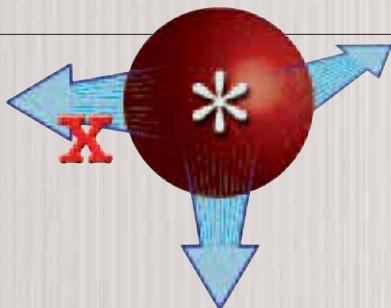


Posizione "zero"

"Zero" position

**Regolazione orizzontale**

*Horizontal adjustment*

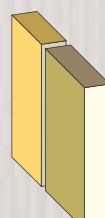
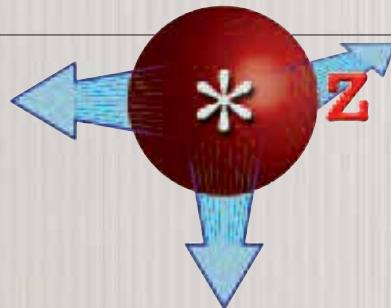


Posizione "zero"

"Zero" position

**Regolazione in profondità**

*Depth adjustment*



Posizione "zero"

"Zero" position

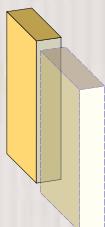
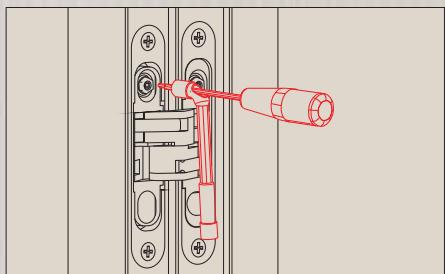
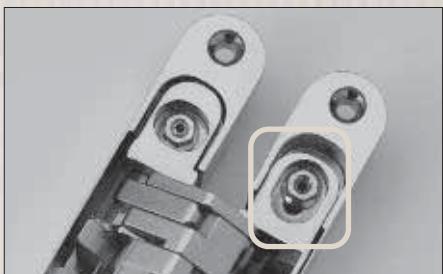
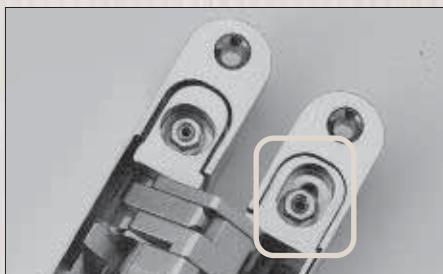
Lubrificare le cerniere una volta all'anno.

*The hinge must be lubricated once a year*

Prima di utilizzare un chiudiporta contattare il nostro ufficio tecnico al numero telefonico 031 77 13 16

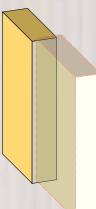
*Before applying a door closing device please contact our technical office at the phone no. +39 - 031 77 13 16*

## Regolazione cerniere invisibili regolabili Invisible adjustable hinges for doors



Regolazione verso il basso rispetto alla posizione "zero"

*Adjustment downwards, with relation to the "zero" position*

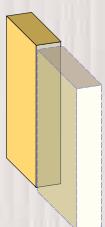
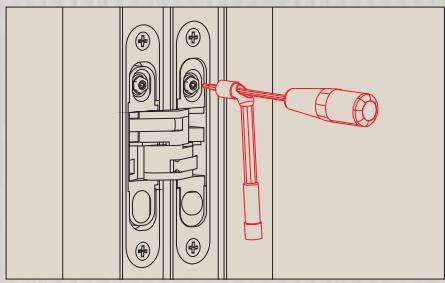
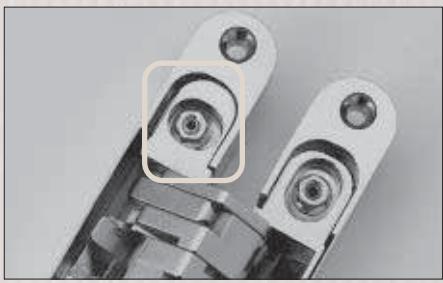
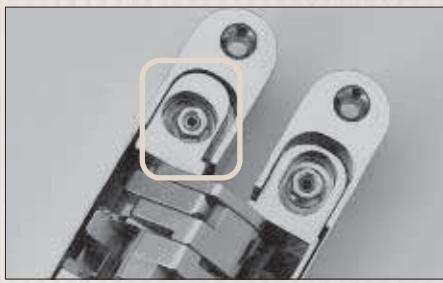


Regolazione verso l'alto rispetto alla posizione "zero"

*Adjustment upwards, with relation to the "zero" position*

Per regolare l'asse **verticale Y**, passare con una chiave a brugola da 2,5 mm attraverso il foro della chiave a pipa da 8 mantenendo fermo la vite di regolazione della profondità, dopodiché alzare o abbassare la porta e serrare il dado.

*To adjust the **vertical Y** axis, pass with an allen key mm. 2,5 through the hole of a key bolt size 8, keeping still the depth adjustment screw, afterwards raise or lower the door and fasten the bolt.*



Spostamento verso sinistra rispetto alla posizione "zero"

*Movement to the left with respect to the "zero" position*

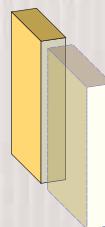
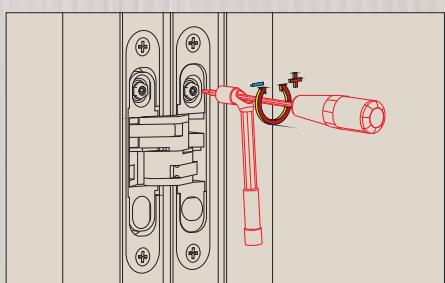
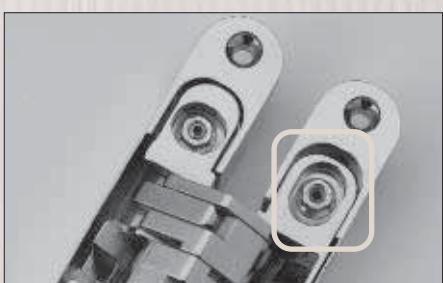
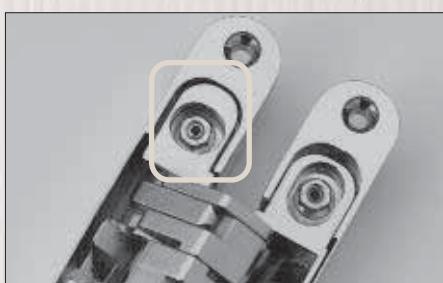


Spostamento verso destra rispetto alla posizione "zero"

*Movement to the right with respect to the "zero" position*

Per regolare l'asse **orizzontale X**, passare con una chiave a brugola da 2,5 mm attraverso il foro della chiave a pipa da 8 mantenendo fermo la vite di regolazione della profondità, dopodiché regolare la porta e serrare il dado.

*To adjust the **horizontal X** axis, pass with an allen key mm. 2,5 through the hole of a key bolt size 8, keeping still the depth adjustment screw, afterwards adjust the door and fasten the bolt.*



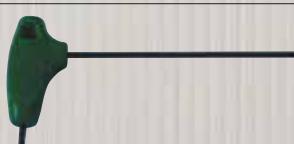
Regolazione rispetto alla posizione "zero" su entrambe le asole

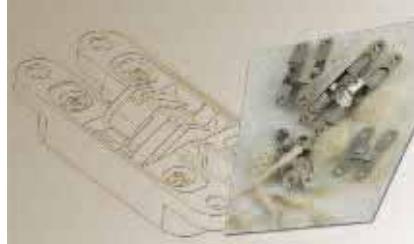
*Adjustment with respect to the "zero" position on both slots.*

La regolazione della **profondità Z** si effettua passando con una chiave a brugola da 2,5 mm attraverso il foro della chiave a pipa da 8 mm, svitare il dado, regolare la profondità della porta agendo sulla vite di regolazione; con la vite ferma bloccare il bullone.

*The adjustment of the **Z depth** can be obtained passing with an allen key mm. 2,5 through the hole of a key bolt size 8, keeping still the depth adjustment screw, loosen the bolt adjust the door depth acting on the adjustment screw; keeping still the screw fasten the bolt.*

\*Le regolazioni vanno effettuate su tutte le cerniere • \*All hinges must be adjusted





## Cerniere invisibili per porte

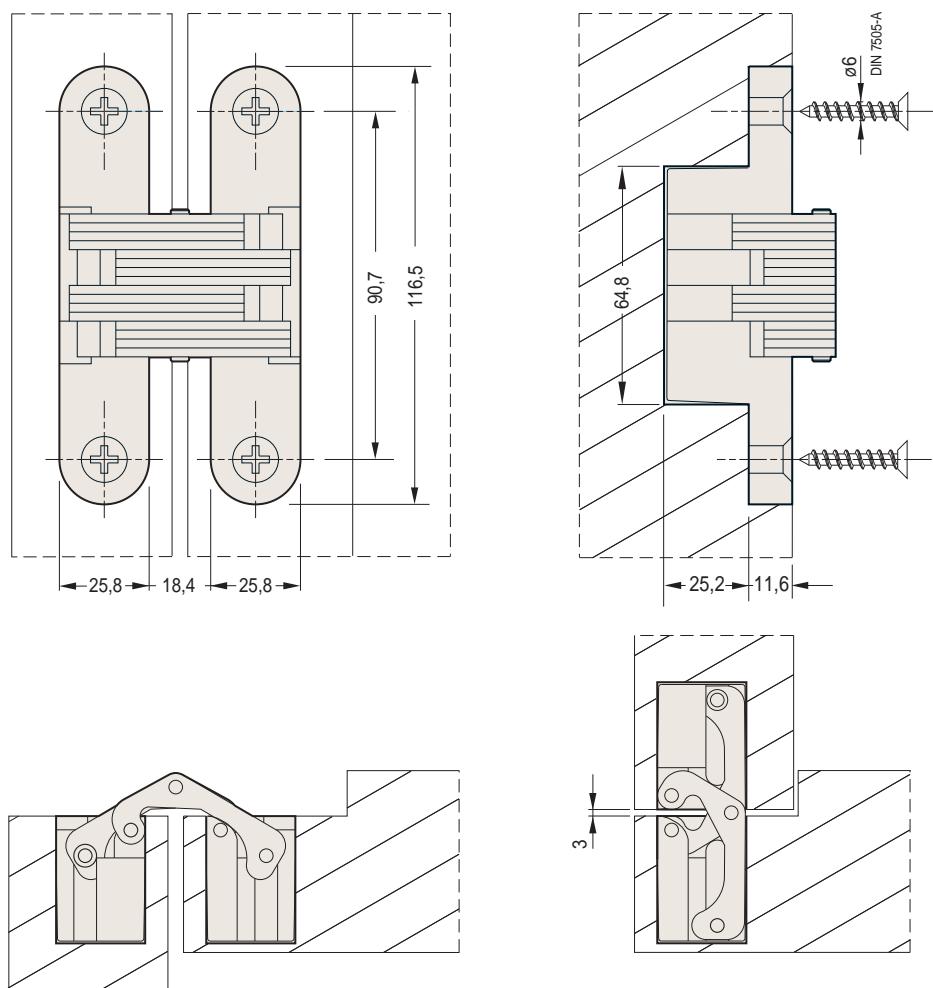
### Invisible hinges for doors

**831**

116,5x25,8 mm



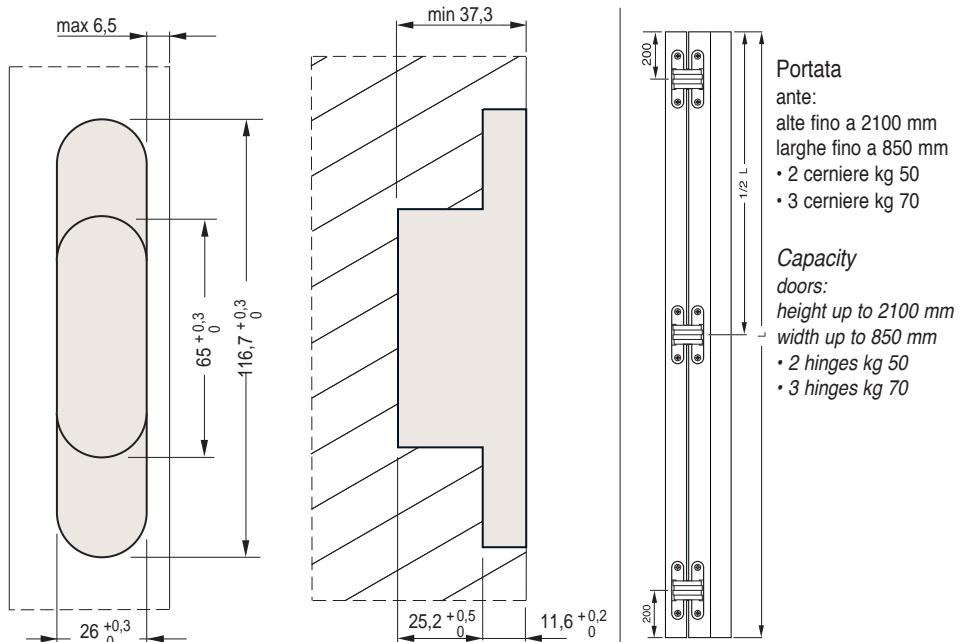
Cod.	Acciaio e zama	Steel and zinc alloy	Acier et zamak	Stahl und zama		
CI000831OTT00	ottonati	brass-plated	laitonné	vermesingt	180°	4
CI000831NIK00	nichelati	nickel-plated	nickelé	vernickelt	180°	4
CI000831BRO00	bronzati	bronze-plated	bronisé	bronziert	180°	4



Misure della cava

Slot measurement

Dirma di foratura - pag 36  
Drilling template - pag 36



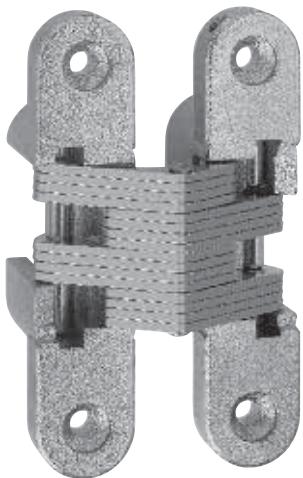
# Cerniere invisibili per porte

## Invisible hinges for doors

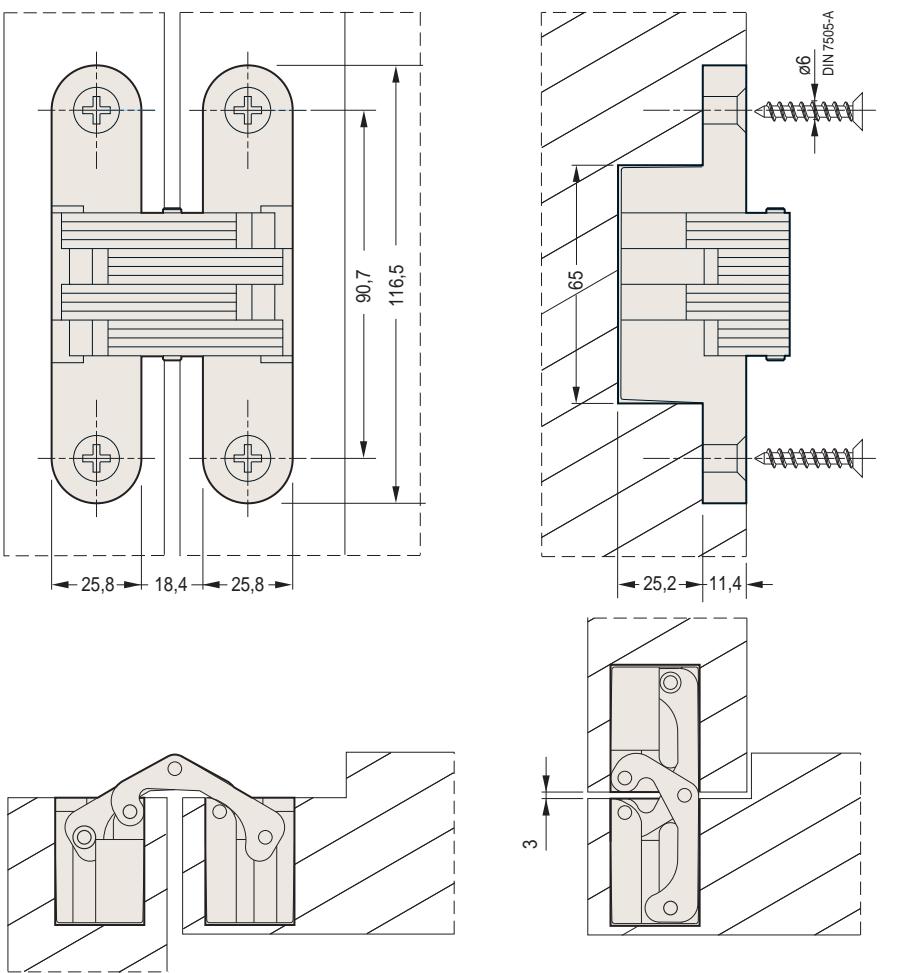


**731**

116,5x25,8 mm

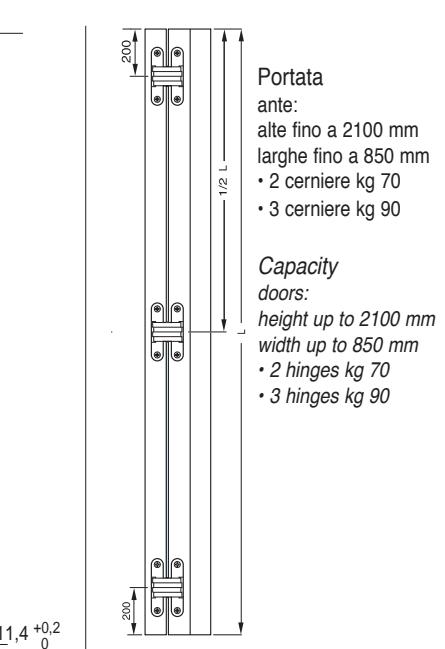
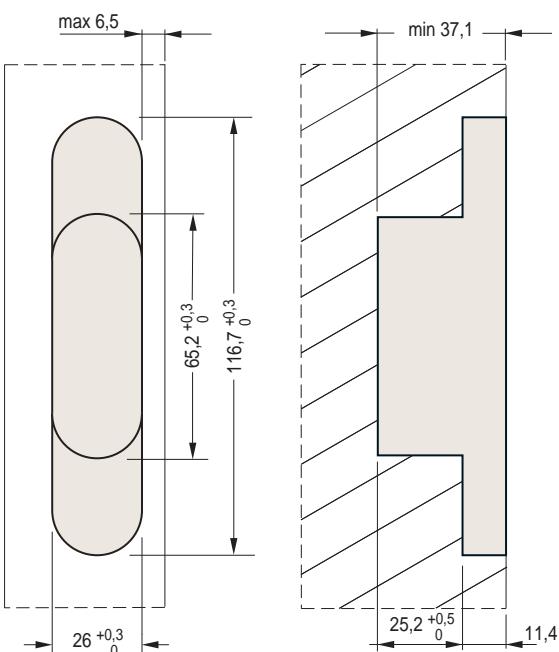


Cod.	Acciaio	Steel	Acier	Stahl		
CI000731OTT00	ottanato	brass-plated	laitonné	vermessingtem	180°	4
CI000731NIK00	nicchelato	nickel-plated	nickelé	vernikeltem	180°	4
CI000731BRO00	bronzato	bronze-plated	bronré	bronziertem	180°	4



Misure della cava  
Slot measurement

Digma di foratura - pag 36  
Drilling template - pag 36





## Cerniere invisibili per porte

### Invisible hinges for doors

**930**

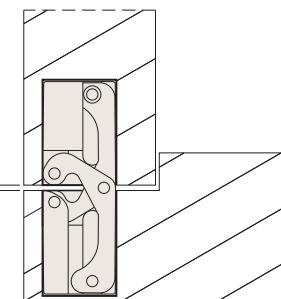
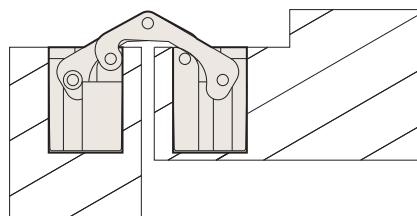
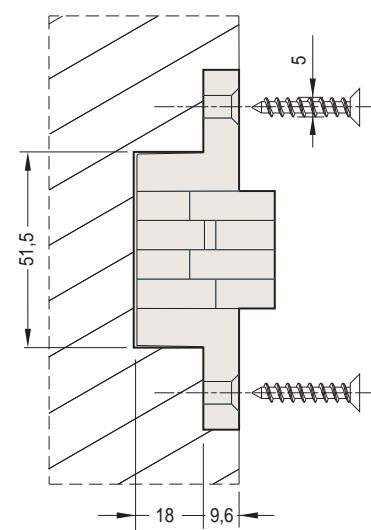
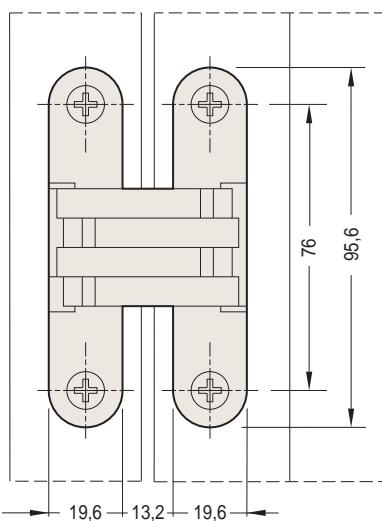
95,6x19,6 mm



Basetta regolabile art. 800

Adjustable base art. 800

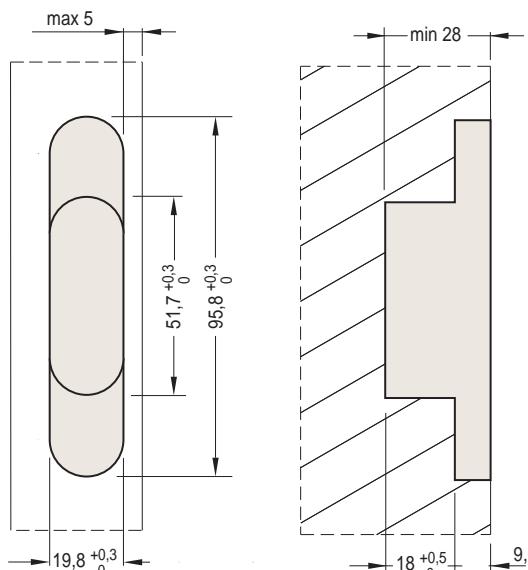
Cod.	Zama	Zinc alloy	Zamak	Zama		
CI000930OTT00	ottonata	brass-plated	laitonné	vermesingt	180°	20
CI000930NIK00	nichelata	nickel-plated	nickelé	vernickelt	180°	20
CI000930NOP00	nichelata opaco	nickel-plated opaque	nickelé opaque	vernickelt undurchlässige	180°	20



Misure della cava

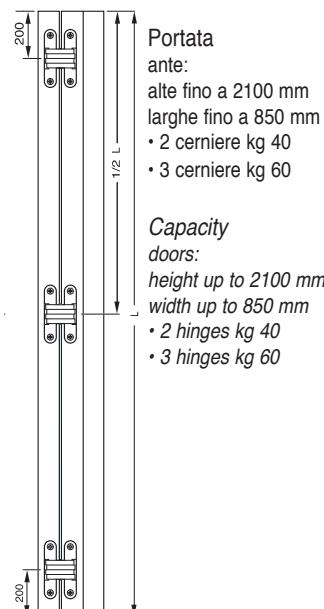
Slot measurement

Dirma di foratura - pag 36  
Drilling template - pag 36



Portata ante:  
alte fino a 2100 mm  
large fino a 850 mm  
• 2 cerniere kg 40  
• 3 cerniere kg 60

Capacity  
doors:  
height up to 2100 mm  
width up to 850 mm  
• 2 hinges kg 40  
• 3 hinges kg 60



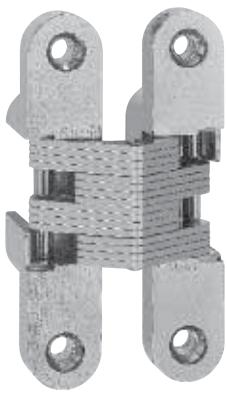
# Cerniere invisibili per porte

## Invisible hinges for doors



**830**

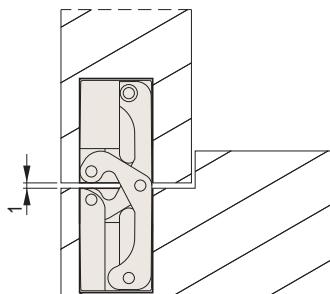
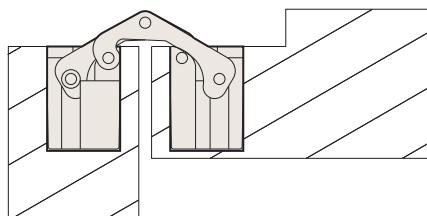
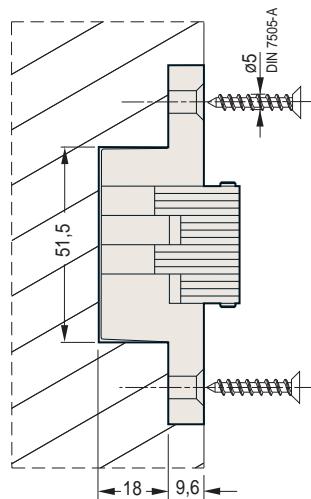
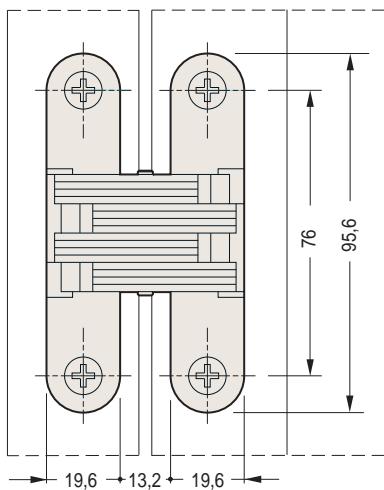
95,6x19,6 mm



Basetta regolabile art. 800

Adjustable base art. 800

Cod.	Acciaio e zama	Steel and zinc alloy	Acier et zamak	Stahl und zama		
CI000830OTT00	ottonati	brass-plated	laitonné	vermesingt	180°	20
CI000830NIK00	nichelati	nickel-plated	nickelé	vernickelt	180°	20
CI000830BRO00	bronzati	bronze-plated	bronisé	bronziert	180°	20

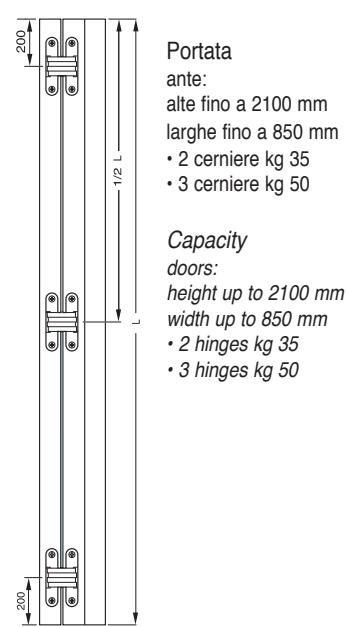
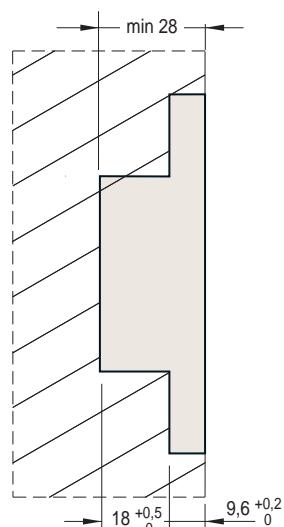
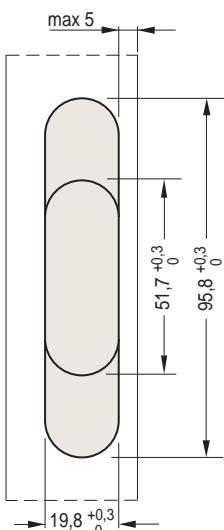


Misure della cava

Slot measurement

Dima di foratura - pag 36

Drilling template - pag 36





## Cerniere invisibili per porte

### Invisible hinges for doors

**829**

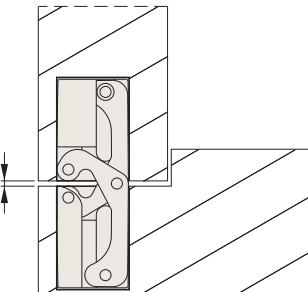
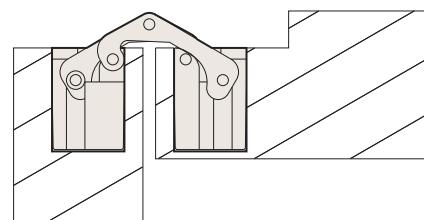
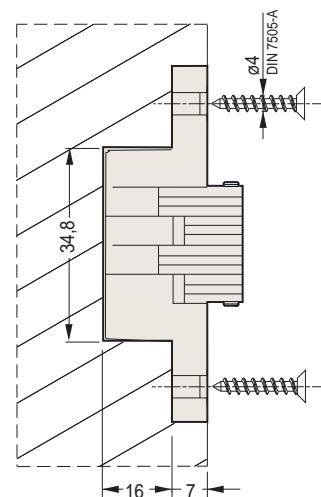
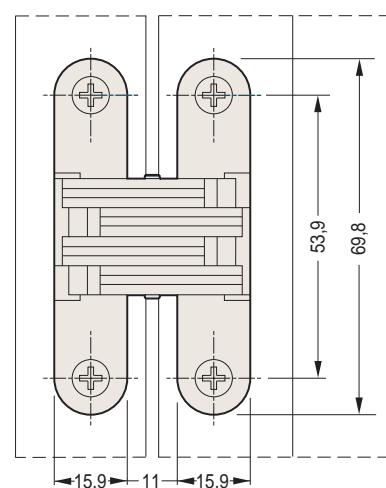
69,8x15,9 mm



Basetta regolabile art. 804

Adjustable base art. 804

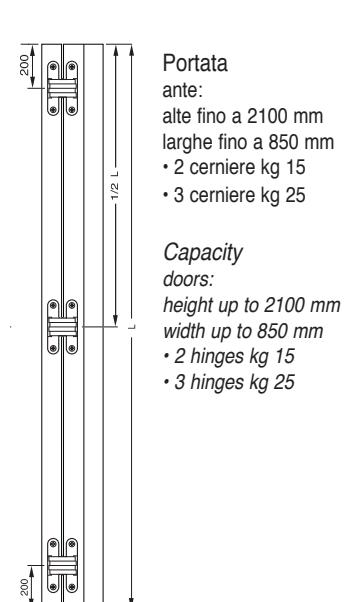
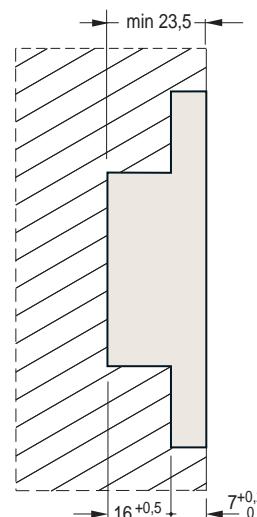
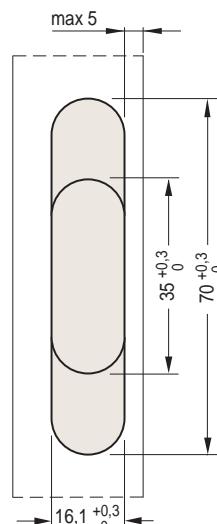
Cod.	Acciaio e zama	Steel and zinc alloy	Acier et zamak	Stahl und zama		
CI000829OTT00	ottonati	brass-plated	laitoné	vermesingt	180°	20
CI000829NIK00	nicheletti	nickel-plated	nickelé	vernickelt	180°	20
CI000829BRO00	bronzati	bronze-plated	broncé	bronziert	180°	20



Misure della cava

Slot measurement

Digma di foratura - pag 36  
Drilling template - pag 36



Portata ante:  
alte fino a 2100 mm  
larghe fino a 850 mm  
• 2 cerniere kg 15  
• 3 cerniere kg 25

Capacity doors:  
height up to 2100 mm  
width up to 850 mm  
• 2 hinges kg 15  
• 3 hinges kg 25



# Basetta di regolazione cerniere



## Base for adjustable mounting

Modello depositato  
Deposited model

**800**

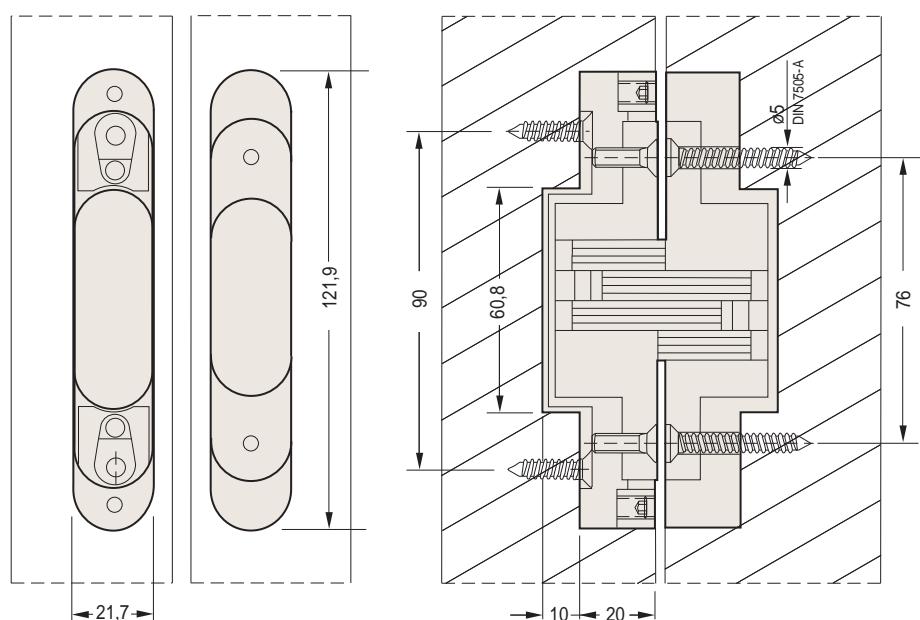
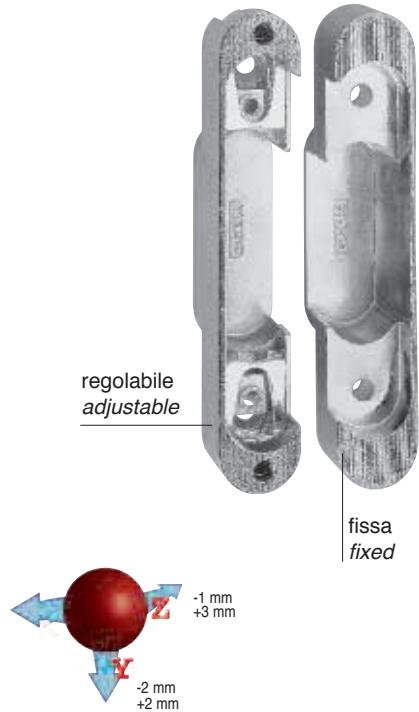
121,9x21,7 mm

Per cerniere art. 830-930  
For hinge art. 830-930

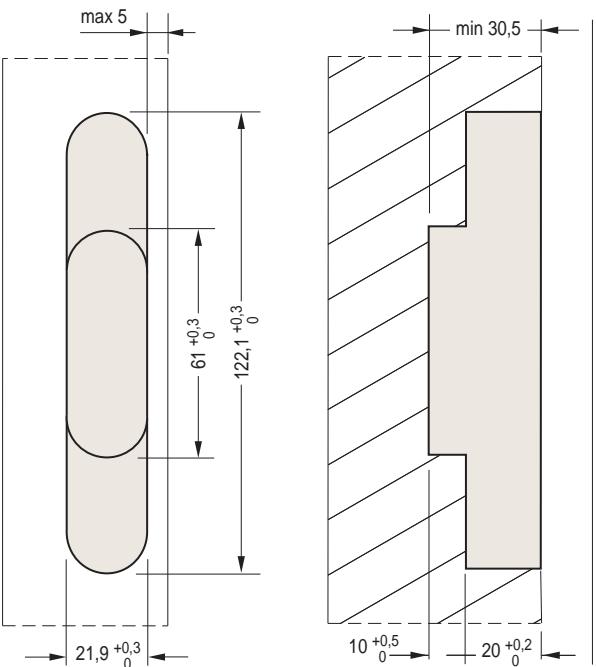
Cod.	Acciaio e zama	Steel and zinc alloy	Acier et zamak	Stahl und zama	
BR000800OTT00	ottenato	brass-plated	laitonné	vermessingtem	10
BR000800NIK00	nickelato	nickel-plated	nickelé	vernickeltem	10
BR000800BRO00	bronzato	bronze-plated	bronzé	bronziertem	10

Per cerniere art. 830-930

For hinge art. 830-930



Misure della cava  
Slot measurement



Dima di foratura - pag 36  
Drilling template - pag 36



Portata ante:  
alte fino a 2100 mm  
large fino a 850 mm

**830**

2 cerniere kg 35  
3 cerniere kg 50

**930**

2 cerniere kg 40  
3 cerniere kg 60

Capacity doors:  
height up to 2100 mm  
width up to 850 mm

**830**

2 hinges kg 35  
3 hinges kg 50

**930**

2 hinges kg 40  
3 hinges kg 60





## Basetta di regolazione cerniere

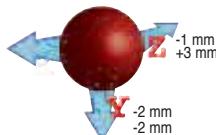
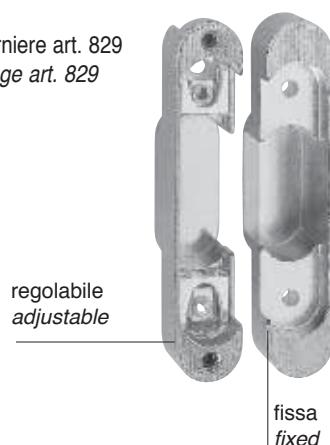
### Base for adjustable mounting

Modello depositato  
Deposited model

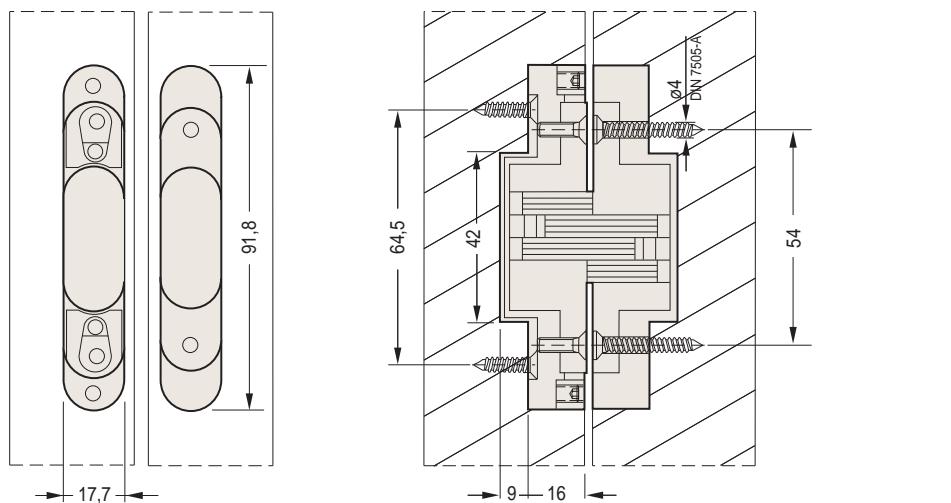
**804**

91,8x17,7 mm

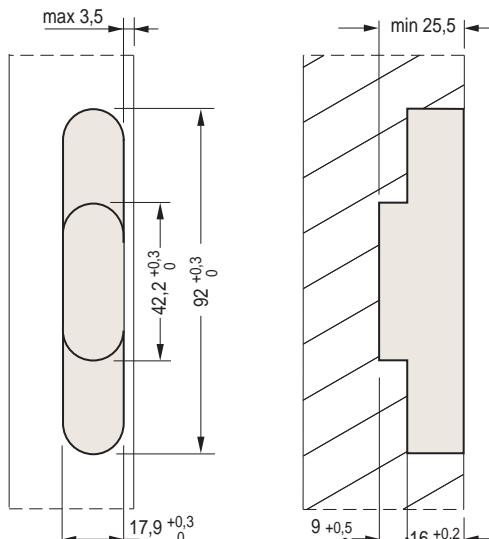
Per cerniere art. 829  
For hinge art. 829



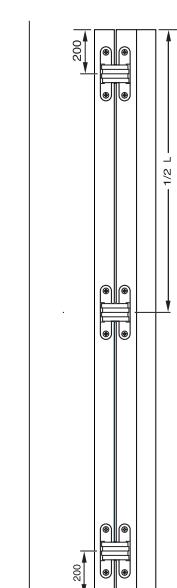
Cod.	Acciaio e zama	Steel and zinc alloy	Acier et zamak	Stahl und zama	
BR000804OTT00	ottonato	brass-plated	laitoné	vermessingtem	10
BR000804NIK00	nicheleato	nickel-plated	nickelé	vernickeltem	10
BR000804BRO00	bronzato	bronze-plated	broncé	bronziertem	10



Misure della cava  
Slot measurement



Dirma di foratura - pag 36  
Drilling template - pag 36



Portata ante:  
alte fino a 2100 mm  
larghe fino a 850 mm  
• 2 cerniere kg 15  
• 3 cerniere kg 25

Capacity doors:  
height up to 2100 mm  
width up to 850 mm  
• 2 hinges kg 15  
• 3 hinges kg 25



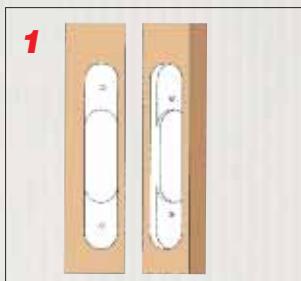
# Basetta regolabile

## Adjustable base



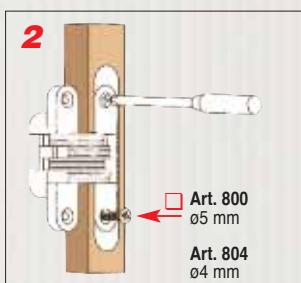
Montaggio - art. 800-804

Mounting - art. 800-804



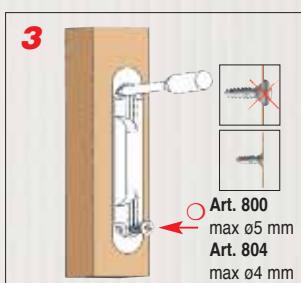
Esecuzione delle cave nella porta e nello stipite

Hollows execution in the door and in the post



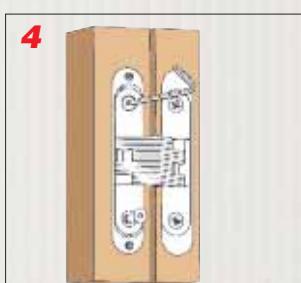
Montaggio della basetta fissa e della cerniera nella porta; vite autofilettante testa svasata piana □

Mounting of fixed base and of hinge in the door; flat countersunk-head self-tapping screw



Montaggio della basetta regolabile nello stipite;  
importante: vite autofilettante testa svasata piana ○

Mounting of adjustable base in the post;  
attention: flat countersunk-head self-tapping screw



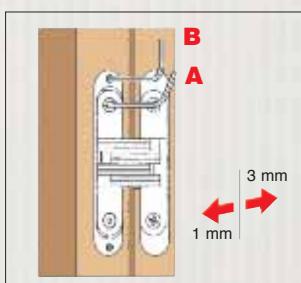
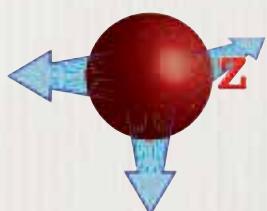
Montaggio cerniera nello stipite;  
vite testa svasata, brugola inserite nel kit

Mounting of hinge in the post:  
countersunk-head screw, allen  
screw included in the kit.

### Regolazione Adjusting

Profondità

Depth

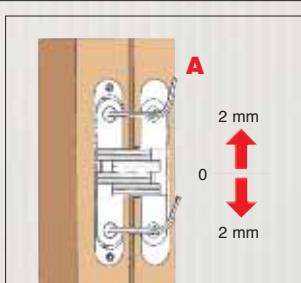
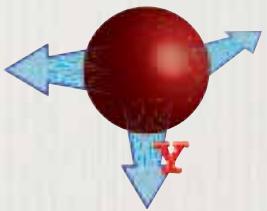


- 1 Allentare A
- 2 Regolare B
- 3 Serrare A

- 1 Loosen A
- 2 Adjust B
- 3 Tighten A

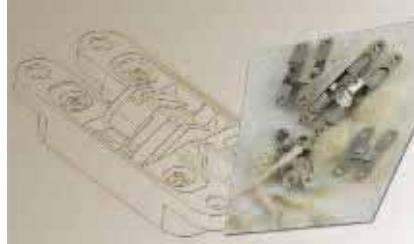
Verticale

Vertical



- 1 Allentare A
- 2 Regolare la porta
- 3 Serrare A

- 1 Loosen A
- 2 Adjust the door
- 3 Tighten A



## Cerniere invisibili per porte

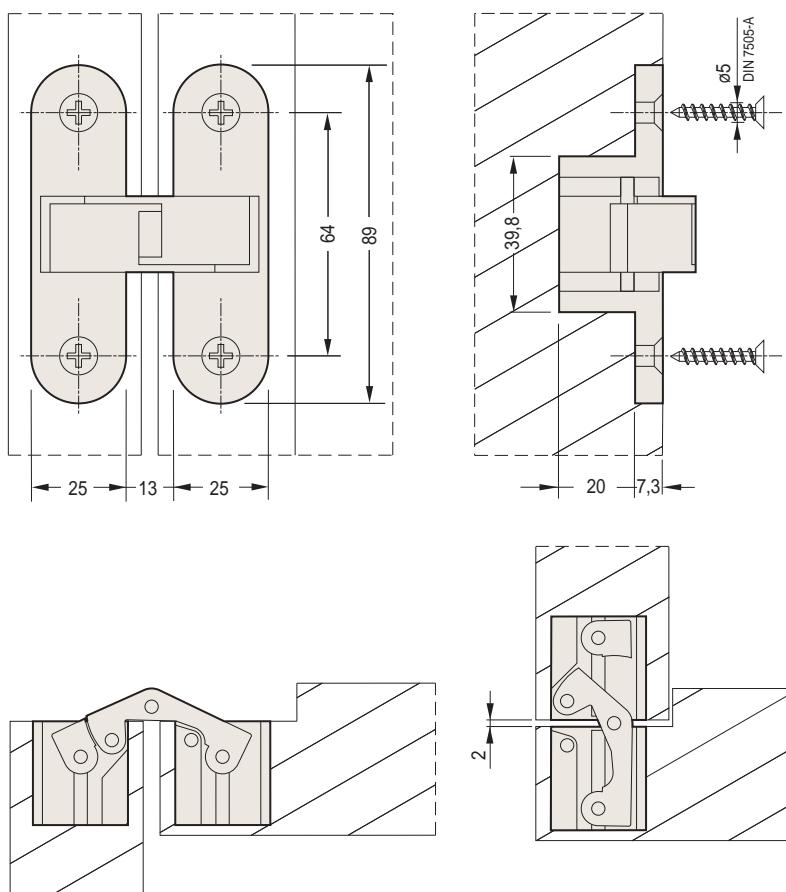
### Invisible hinges for doors

**2015**

89x25 mm



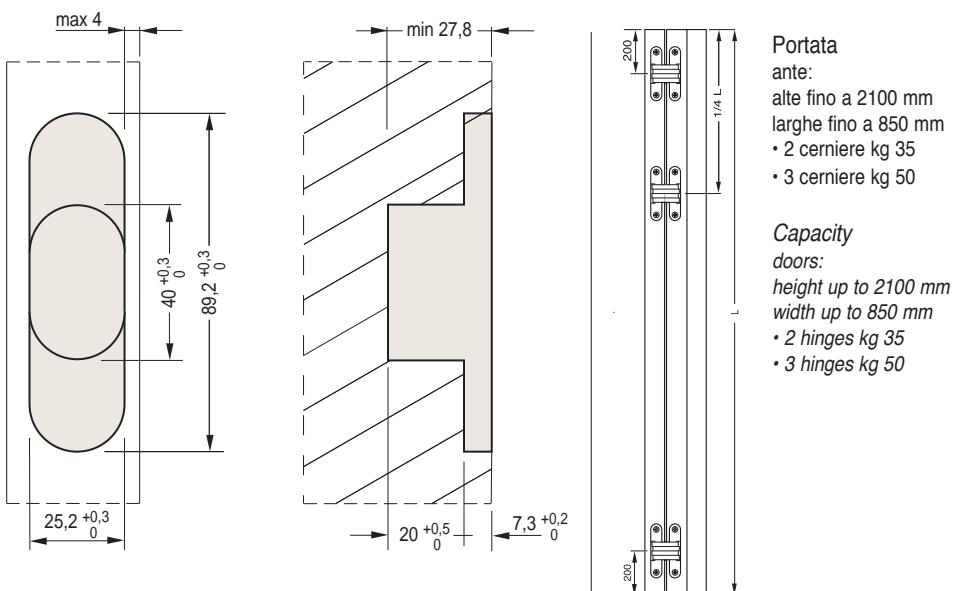
Cod.	Acciaio	Steel	Acier	Stahl	180°	20
CI002015OTT00	ottonato nylon	Brass-plated nylon	laitonné nylon	Vermessingtem Nylon	180°	20
CI002015NIK00	nicelato nylon	Nickel-plated nylon	nickelé nylon	Vernickeltem Nylon	180°	20
CI002015BRO00	bronzato nylon	Bronze-plated nylon	bronré nylon	Bronziertem Nylon	180°	20



Misure della cava

Slot measurement

Dirma di foratura - pag 36  
Drilling template - pag 36



# Cerniere invisibili per porte

## Invisible hinges for doors

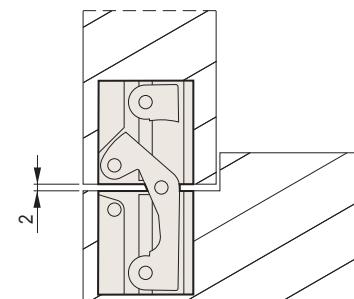
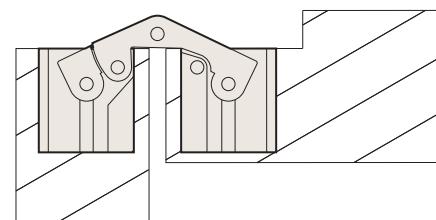
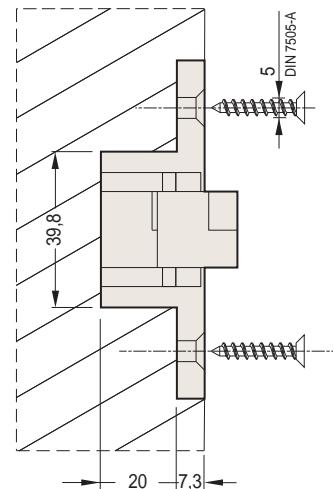
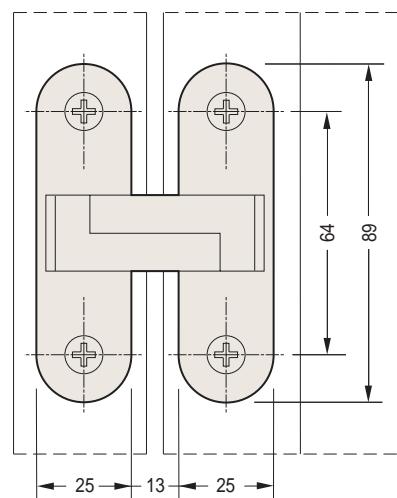


**2010**

89x25 mm

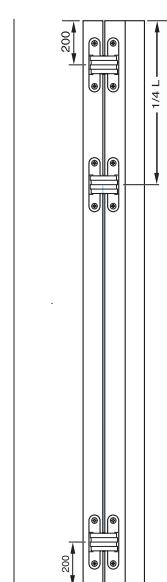
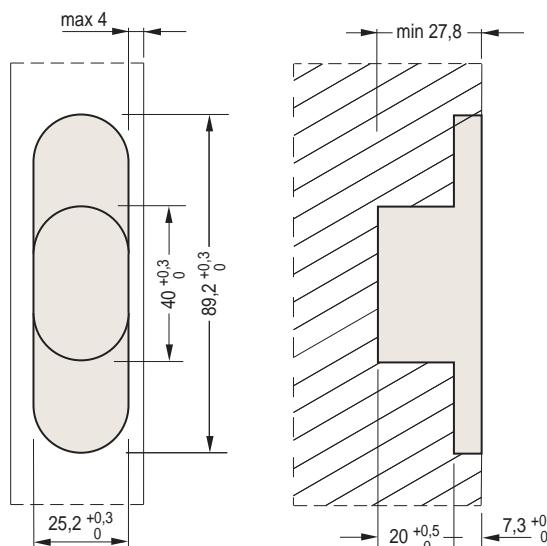


Cod.	Acciaio	Steel	Acier	Stahl	
CI002010ACI00	inox nylon	Stainless nylon	inox nylon	Rostfreiem Nylon	180° 20



Misure della cava  
Slot measurement

Dima di foratura - pag 36  
Drilling template - pag 36



Portata ante:  
alte fino a 2100 mm  
larghe fino a 850 mm  
• 2 cerniere kg 40  
• 3 cerniere kg 60

Capacity  
doors:  
height up to 2100 mm  
width up to 850 mm  
• 2 hinges kg 40  
• 3 hinges kg 60



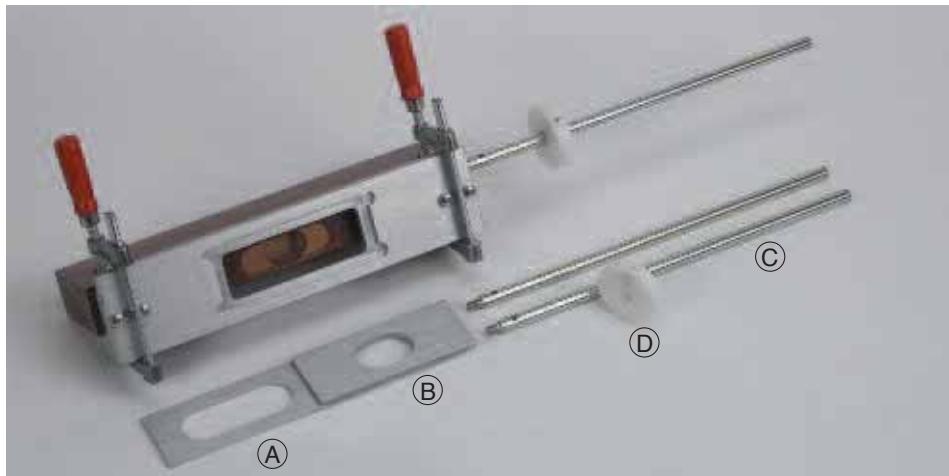


## Dima di foratura

### Drilling template

#### Dima

Alluminio  
Aluminium  
Aluminium  
Alu



**Cod.**  
CIOODIMA00000

Cod.	Inserti per	Insert for
CIOODIMA01030	1030	1030
CIOODIMA01029	1029	1029
CIOODIMA00731	731-831	731-831
CIOODIMA00930	930-830	930-830
CIOODIMA00829	829	829
CIOODIMA00800	800	800
CIOODIMA00804	804	804
CIOODIMA02010	2010-2015	2010-2015
CIOODIMA00501	501	501

La dima di foratura - composta da una struttura e due inserti - permette la realizzazione delle cave per l'alloggiamento di cerniere invisibili ed è realizzata in piastre di alluminio dello spessore di 5 mm. La robustezza dei materiali garantiscono la precisa esecuzione delle cave realizzate con un pantografo manuale (fresa ø 16 mm e ghiera esterna da 27 mm in dotazione a tutti i pantografi manuali)

Per ogni modello di cerniera vengono utilizzati due tipi di inserti (facilmente sostituibili): uno (A) per eseguire la cava di battuta e l'altro (B) per la cava interna di profondità.

Completano l'attrezzatura:

*The drilling template - made up of a structure and two insertions - makes it possible to create two slots for the invisible hinges and is made of 5 mm thick aluminium plates. The strength of the materials guarantees a precise execution of the slots made with a manual pantograph (16 mm diam. cutter and 27 mm external ring provided to all manual pantographs).*

*For each model of hinge, two types of insertions (easily replaceable) are used: one (A) to execute the butt slots and the other (B) for the internal depth slot.*

*The equipment is completed with:*



#### Aste di prolunga (C)

permettono di fissare, tramite un anello di nylon (D), la distanza desiderata delle cave sulla porta - sia destre che sinistre - e sullo stipite

#### Morsetti di bloccaggio

Molto importante per il corretto montaggio dell'inserto.  
Il riferimento stampigliato sulla dima e il codice sugli inserti essere sullo stesso lato.

#### Extension arms (C)

with a nylon ring (D), they allow to fix the wanted distance of the slots on the door - both left and right - and on the frame.

#### Blocking clamps

Very important for the correct use assembly of the insertion.  
The reference stamped on the template and the code on the insertions on the same side.



La procedura completa per l'esecuzione delle cave è disponibile sul sito [www.ceamitalia.it](http://www.ceamitalia.it) nel menu "Prodotti"

*A video of the complete procedure for drilling the hole into which the hinge will fit can be seen in the site [www.ceamitalia.it](http://www.ceamitalia.it) in the "Products" menu*



**501** pag. 40



**828** pag. 43



**492** pag. 47



**502** pag. 41



**2024** pag. 44



**2000** pag. 48



**503** pag. 41



**2022** pag. 44



**2001** pag. 48



**2025** pag. 45



**23** pag. 47



**495** pag. 45

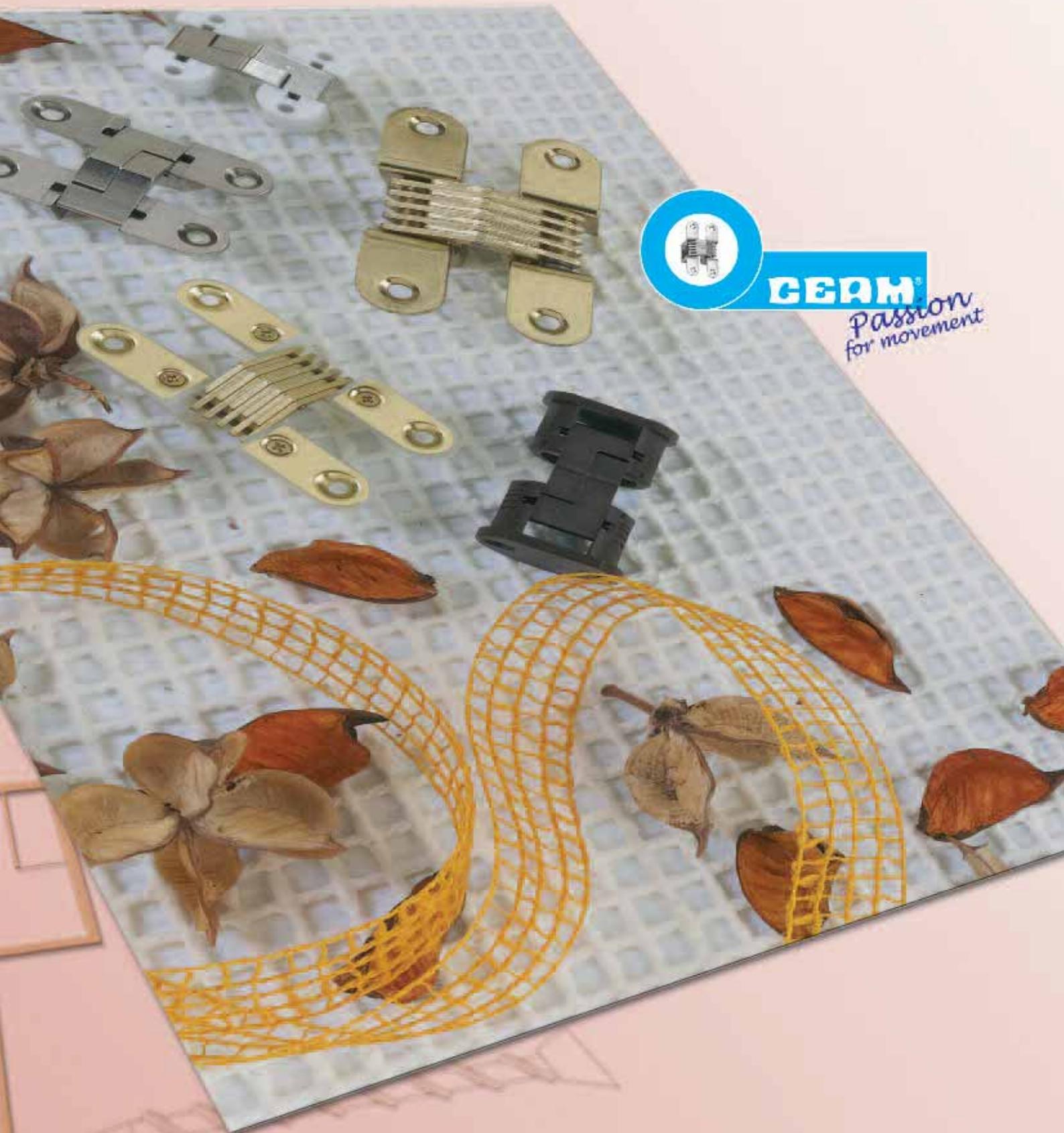


**2020** pag. 46



**496** pag. 46





**CERN**

passion  
for movement

**Cerniere invisibili per mobili**  
**Invisible hinges for furniture**

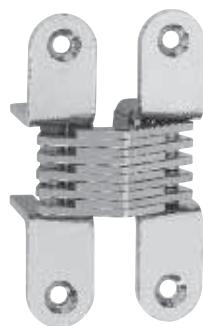


## Cerniere invisibili per mobili

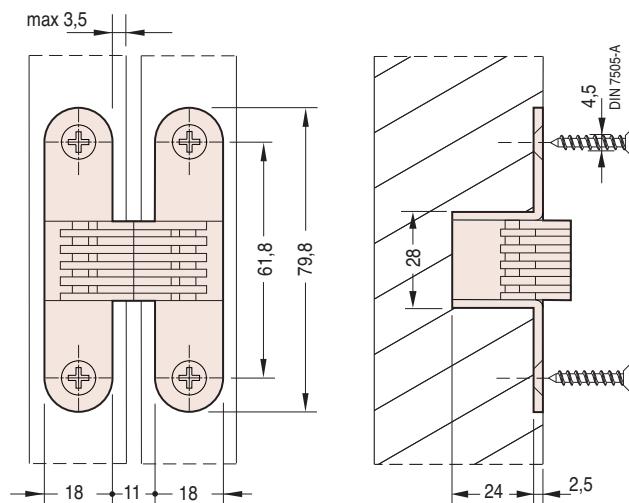
### Invisible hinges for furniture

**501**

79,8x18 mm

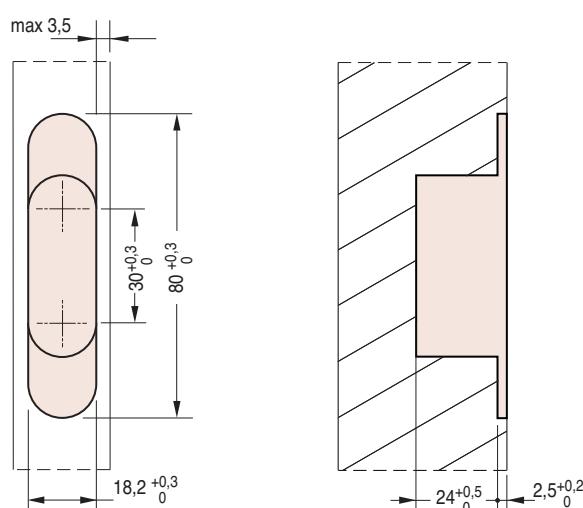


Cod.	Acciaio	Steel	Acier	Stahl		
CI000501OTT00	ottonato	brass-plated	laitonné	Vermessingitem	180°	20
CI000501NIK00	nicchelato	nickel-plated	nickelé	Vernickeltem	180°	20
CI000501BRO00	bronzato	bronze-plated	bronzé	Bronziertem	180°	20



Misure della cava

Slot measurement



Dirma di foratura - pag 36  
Drilling template - pag 36



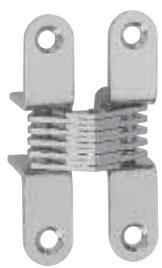
# Cerniere invisibili per mobili



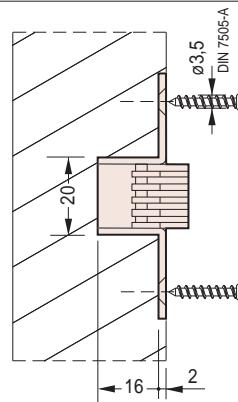
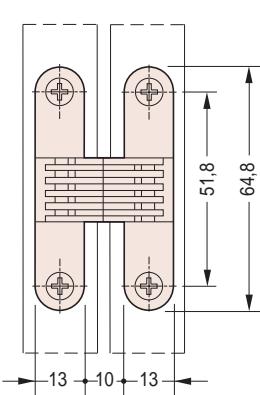
## Invisible hinges for furniture

**502**

64,8x13 mm

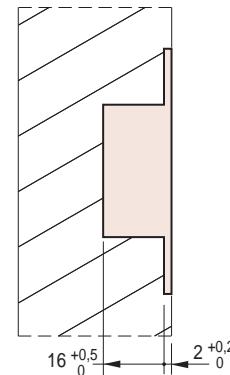
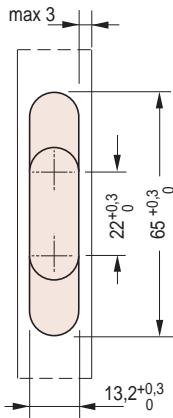


Cod.	Acciaio	Steel	Acier	Stahl	
CI000502OTT00	ottenhamato	brass-plated	laitonné	Vermessingtem	180° 20
CI000502NIK00	nickelato	nickel-plated	nickelé	Vernickeltem	180° 20
CI000502BRO00	bronzato	bronze-plated	broncé	Bronziertem	180° 20



Misure della cava

Slot measurement

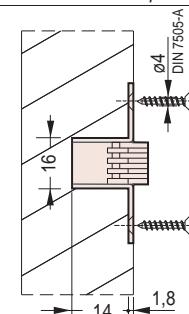
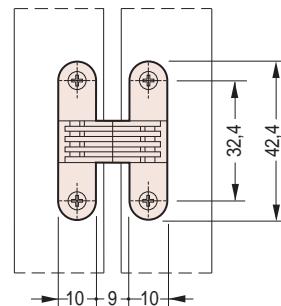


**503**

42,4x10 mm

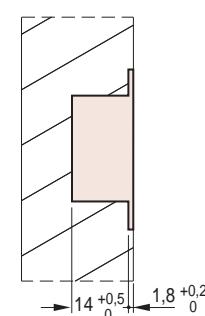
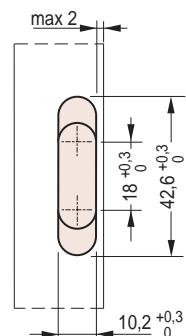


Cod.	Acciaio	Steel	Acier	Stahl	
CI000503OTT00	ottenhamato	brass-plated	laitonné	Vermessingtem	180° 20
CI000503NIK00	nickelato	nickel-plated	nickelé	Vernickeltem	180° 20
CI000503BRO00	bronzato	bronze-plated	broncé	Bronziertem	180° 20



Misure della cava

Slot measurement





## Cerniere invisibili per mobili

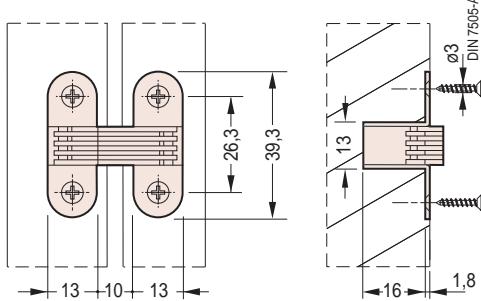
### Invisible hinges for furniture

**504**

39,3x13 mm

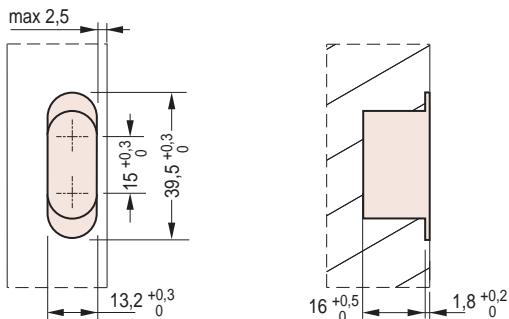


Cod.	Acciaio	Steel	Acier	Stahl		
CI000504OTT00	ottonato	brass-plated	laitonné	Vermessingtem	180°	20
CI000504NIK00	nickelato	nickel-plated	nickelé	Vernickeltem	180°	20
CI000504BRO00	bronzato	bronze-plated	bronré	Bronziertem	180°	20



Misure della cava

Slot measurement

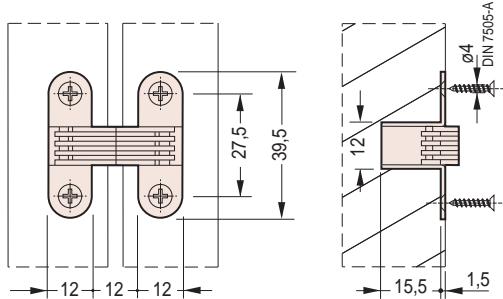


**497**

39,5x12 mm

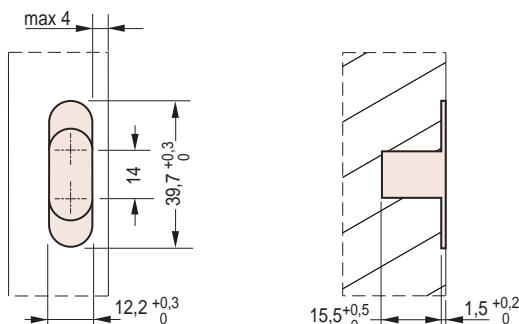


Cod.	Acciaio	Steel	Acier	Stahl		
CI000497OTT00	ottonato	brass-plated	laitonné	Vermessingtem	180°	20
CI000497NIK00	nickelato	nickel-plated	nickelé	Vernickeltem	180°	20
CI000497BRO00	bronzato	bronze-plated	bronré	Bronziertem	180°	20



Misure della cava

Slot measurement



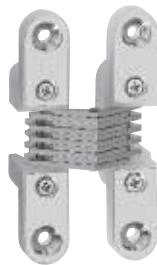
# Cerniere invisibili per mobili



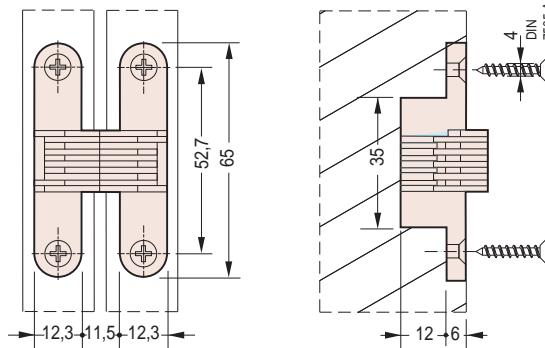
## Invisible hinges for furniture

**499**

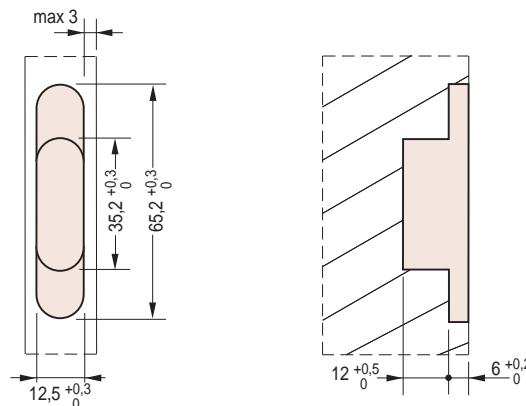
65x12,3 mm



Cod.	Acciaio	Steel	Acier	Stahl	180°	50
CI000499OTT00	ottonato nylon	brass-plated nylon	laitonné nylon	Vermessingtem Nylon	180°	50
CI000499NIK00	nicelato nylon	nickel-plated nylon	nickelé nylon	Vernickeltem Nylon	180°	50
CI000499BRO00	bronzato nylon	bronze-plated nylon	bronré nylon	Bronziertem Nylon	180°	50



Misure della cava  
Slot measurement

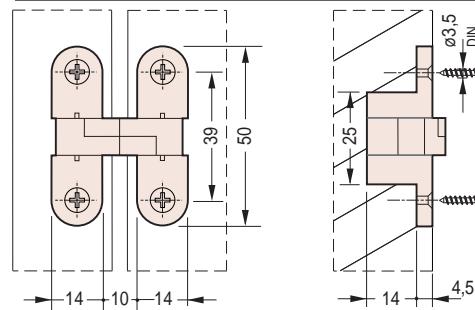


**828**

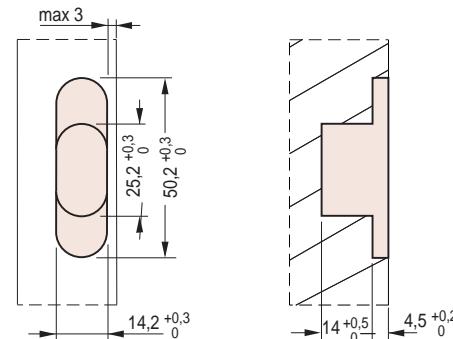
50x14 mm



Cod.	Ottone e zama	Brass and zinc alloy	Laiton et zamak	Messing und zama	180°	20
CI000828OTT00	ottonati	brass-plated	laitonné	vermesingt	180°	20
CI000828NIK00	nicelati	nickel-plated	nickelé	vernickelt	180°	20
CI000828BRO00	bronzati	bronze-plated	bronré	bronziert	180°	20



Misure della cava  
Slot measurement



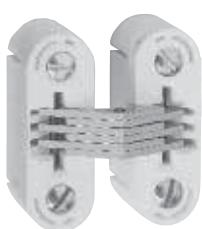


## Cerniere invisibili per mobili

### Invisible hinges for furniture

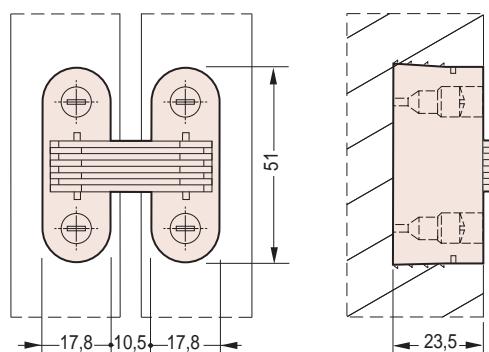
**2024**

51x17,8 mm



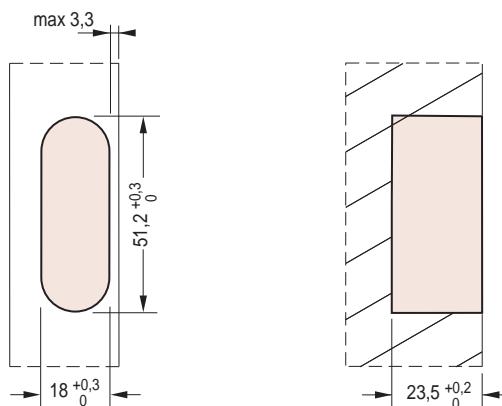
- Fissaggio rapido ad espansione
- Expansion fast fastening
- Fixation rapide à expansion
- Schnell Verbindung durch Spreizung

Cod.	Acciaio	Steel	Acier	Stahl	180°	30
CI002024MAR00	bronzato nylon marrone	bronze-plated brown nylon	broné nylon marron	Bronziertem braun Nylon	180°	30
CI002024BIA00	zincocromato nylon bianco	zinc chromium white nylon	cromé en zinc nylon blanc	zinkverchromten weiss Nylon	180°	30



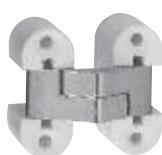
Misure della cava

Slot measurement

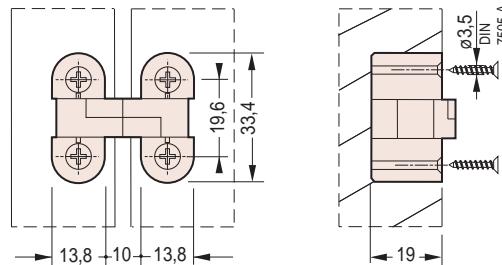


**2022**

33,4x13,8 mm

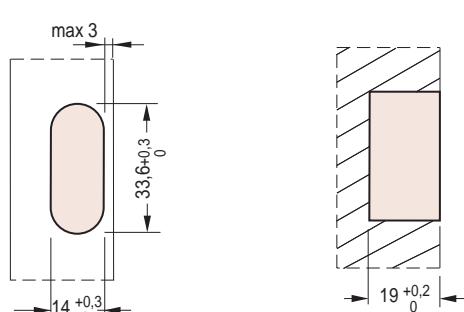


Cod.	Ottone	Brass	Laiton	Messing	180°	50
CI002022NER00	brunito nylon nero	burnished-plated black nylon	bruni nylon noir	brüniert schwarz Nylon	180°	50
CI002022BIA00	nickelato nylon bianco	nickel-plated white nylon	nickelé nylon blanc	vernickeltem weiss Nylon	180°	50
CI002022MAR00	bronzato nylon marrone	bronze-plated brown nylon	bronzé nylon marron	bronziertem braun Nylon	180°	50



Misure della cava

Slot measurement



# Cerniere invisibili per mobili



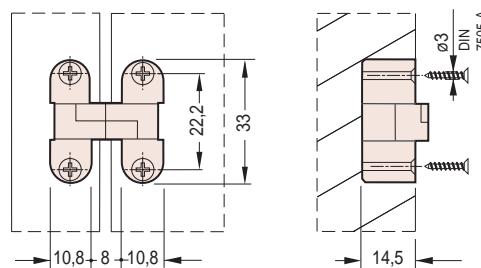
## Invisible hinges for furniture

**2025**

33x10,8 mm

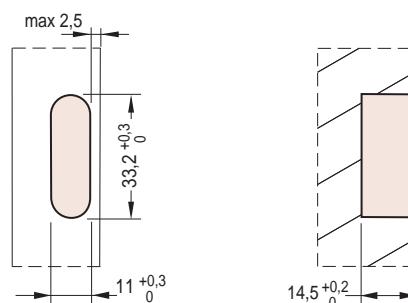


Cod.	Ottone	Brass	Laiton	Messing	180°	20
CI002025BIA00	nicchelato nylon bianco	nickel-plated white nylon	nickelé nylon blanc	vernikeltem weiss Nylon	180°	20
CI002025MAR00	bronzato nylon marrone	bronze-plated brown nylon	bronisé nylon marron	bronziertem braun Nylon	180°	20
CI002025NER00	brunito nylon nero	burnished-plated black nylon	bruni nylon noir	brüniert schwarz Nylon	180°	20



Misure della cava

Slot measurement

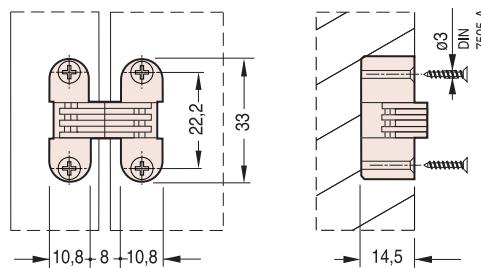


**495**

33x10,8 mm

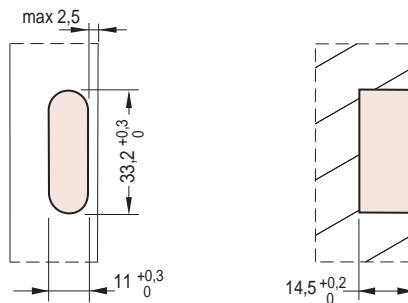


Cod.	Acciaio	Steel	Acier	Stahl	180°	50
CI000495BIA00	zincocromato nylon bianco	zinc chromium-plated	cromé en zinc nylon blanc white nylon	Zinkverchromten weiss Nylon	180°	50
CI000495MAR00	bronzato nylon marrone	bronze-plated brown nylon	bronisé nylon marron	bronziertem braun Nylon	180°	50



Misure della cava

Slot measurement





## Cerniere invisibili per mobili

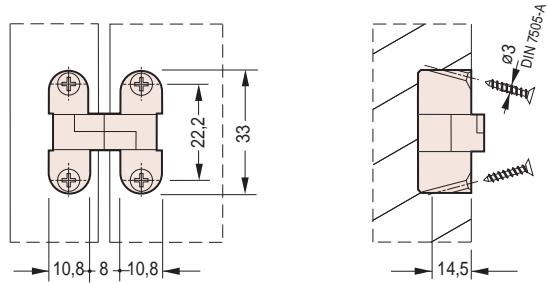
### Invisible hinges for furniture

**2020**

33x10,8 mm

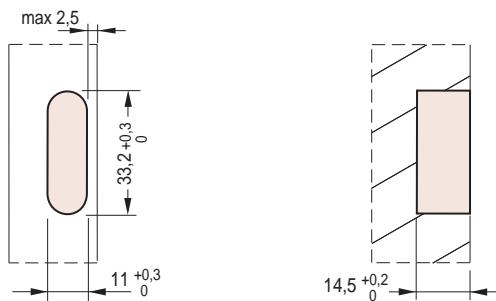


Cod.	Ottone	Brass	Laiton	Messing	180°	20
CI002020BIA00	nicelato nylon bianco	nickel-plated white nylon	nickelé nylon blanc	vernickeltem weiss Nylon	180°	20
CI002020MAR00	bronzato nylon marrone	bronze-plated brown nylon	bronzé nylon marron	bronziertem braun nylon	180°	20
CI002020NER00	brunito nylon nero	burnished-plated black nylon	bruni nylon noir	brüniert schwarz nylon	180°	20



Misure della cava

Slot measurement

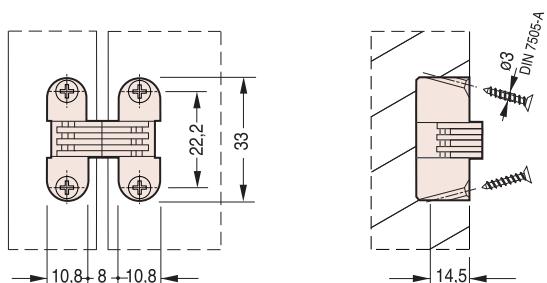


**496**

33x10,8 mm

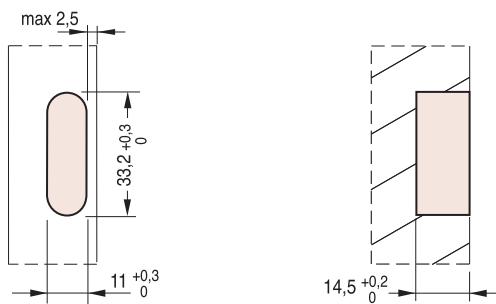


Cod.	Acciaio	Steel	Acier	Stahl	180°	50
CI000496BIA00	zincocromato nylon bianco	zinc chromium-plated white nylon	cromé en zinc nylon blanc	Zinkverchromten weiss Nylon	180°	50
CI000496MAR00	bronzato nylon marrone	bronze-plated brown nylon	bronzé nylon marron	Bronziertem braun Nylon	180°	50



Misure della cava

Slot measurement



# Cerniere invisibili per mobili



## Invisible hinges for furniture

**492**

ø12 mm



Cod.	Acciaio zinccromato	Zinc chromium-plated steel	Acier cromé en zinc	Zinkverchromten Stahl		
CI000492BIA00	nylon bianco	white nylon	nylon blanc	weiss Nylon	180°	50
CI000493BIA00	nylon bianco	white nylon	nylon blanc	weiss Nylon		
CI000494BIA00	nylon bianco	white nylon	nylon blanc	weiss Nylon		
CI000498BIA00	nylon bianco	white nylon	nylon blanc	weiss Nylon		

**493**

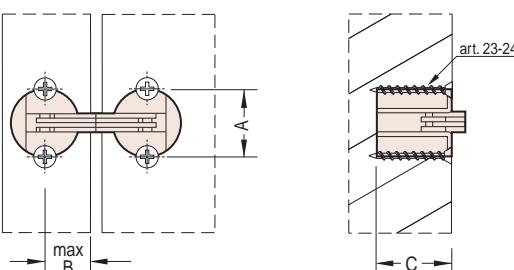
ø14 mm



Cod.	Acciaio bronzato	Bronze-plated steel	Acier bronzé	Bronziertem Stahl		
CI000492MAR00	nylon marrone	brown nylon	nylon marron	braun Nylon	180°	50
CI000493MAR00	nylon marrone	brown nylon	nylon marron	braun Nylon		
CI000494MAR00	nylon marrone	brown nylon	nylon marron	braun Nylon		
CI000498MAR00	nylon marrone	brown nylon	nylon marron	braun Nylon		

**494**

ø16 mm



Art.	492	493	494	498
A mm	12	14	16	18
B mm	8	9,5	11	12
C mm	14	16,5	18,3	20

**498**

ø18 mm



**23**

ø3x20 mm



Cod.		Acciaio	Steel	Acier	Stahl	
24 → 492	VT000024ZNB00	200	zinccromato	zinc chromium	cromé en zinc	Zinkverchromten
23 → 493	VT000023ZNB00		zinccromato	zinc chromium	cromé en zinc	Zinkverchromten
23 → 494	VT000023ZNB00		zinccromato	zinc chromium	cromé en zinc	Zinkverchromten
23 → 498	VT000023ZNB00		zinccromato	zinc chromium	cromé en zinc	Zinkverchromten

**24**

ø2,3x15 mm



Cod.		Acciaio	Steel	Acier	Stahl	
24 → 492	VT000024BRO00	200	bronzato	bronze-plated	bronzé	bronziertem
23 → 493	VT000023BRO00		bronzato	bronze-plated	bronzé	bronziertem
23 → 494	VT000023BRO00		bronzato	bronze-plated	bronzé	bronziertem
23 → 498	VT000023BRO00		bronzato	bronze-plated	bronzé	bronziertem





## Cerniere invisibili laterali per mobili

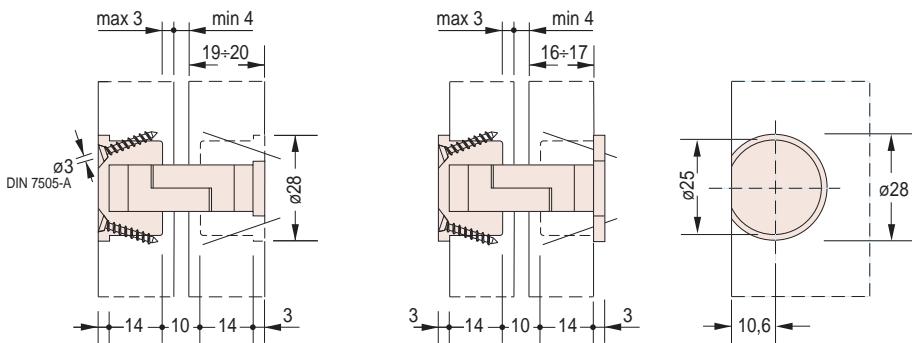
### Side invisible hinges for furniture

**2000**

ø25x14 mm



Cod.	Ottone	Brass	Laiton	Messing	180°	50
CI002000BIA00	nicchelato nylon bianco	nickel-plated white nylon	nickelé nylon blanc	Vernickeltem weiss Nylon	180°	50
CI002000MAR00	bronzato nylon marrone	bronze-plated brown nylon	bronzé nylon marron	Bronziertem braun Nylon	180°	50
CI002000NER00	brunito nylon nero	brunished-plated black nylon	bruni nylon noir	Brüniert schwarz Nylon	180°	50

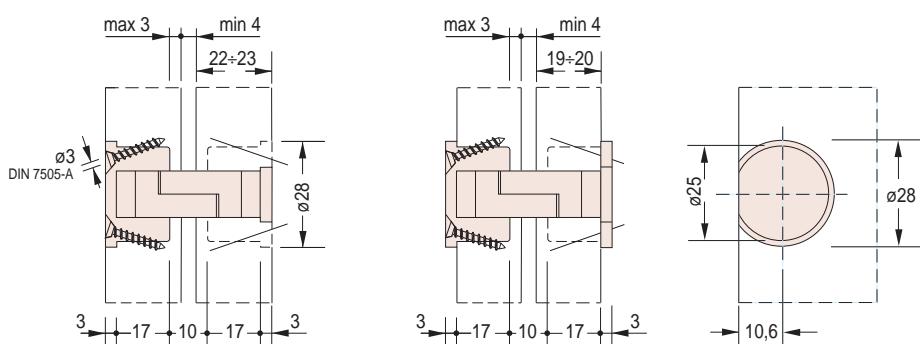


**2001**

ø25x17 mm



Cod.	Ottone	Brass	Laiton	Messing	180°	50
CI002001BIA00	nicchelato nylon bianco	nickel-plated white nylon	nickelé nylon blanc	Vernickeltem weiss Nylon	180°	50
CI002001MAR00	bronzato nylon marrone	bronze-plated brown nylon	bronzé nylon marron	Bronziertem braun Nylon	180°	50
CI002001NER00	brunito nylon nero	brunished-plated black nylon	bruni nylon noir	Brüniert schwarz Nylon	180°	50



Si possono usare legni con spessori intermedi incassando parzialmente la corona di testa.

Woods with intermediate thickness can be used embedding partly the upper protrusion/part.

On peut utiliser des bois intermédiaires mais il faut emboîter partiellement la couronne de tête.

Man kann Hölzstücke mittlerer Dicke benutzen, indem man nur Teilweise des oberen Vorsprungs versenkt.







**540** pag. 54



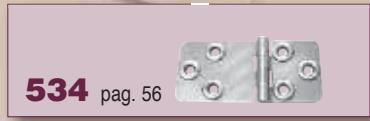
**600** pag. 59



**621** pag. 61



**622** pag. 62



**534** pag. 56



**542** pag. 56



**3060** pag. 64



**2040** pag. 66



**0506** pag. 70



**3040** pag. 64



**2070** pag. 67



**508** pag. 71



**3030** pag. 65



**0510** pag. 68



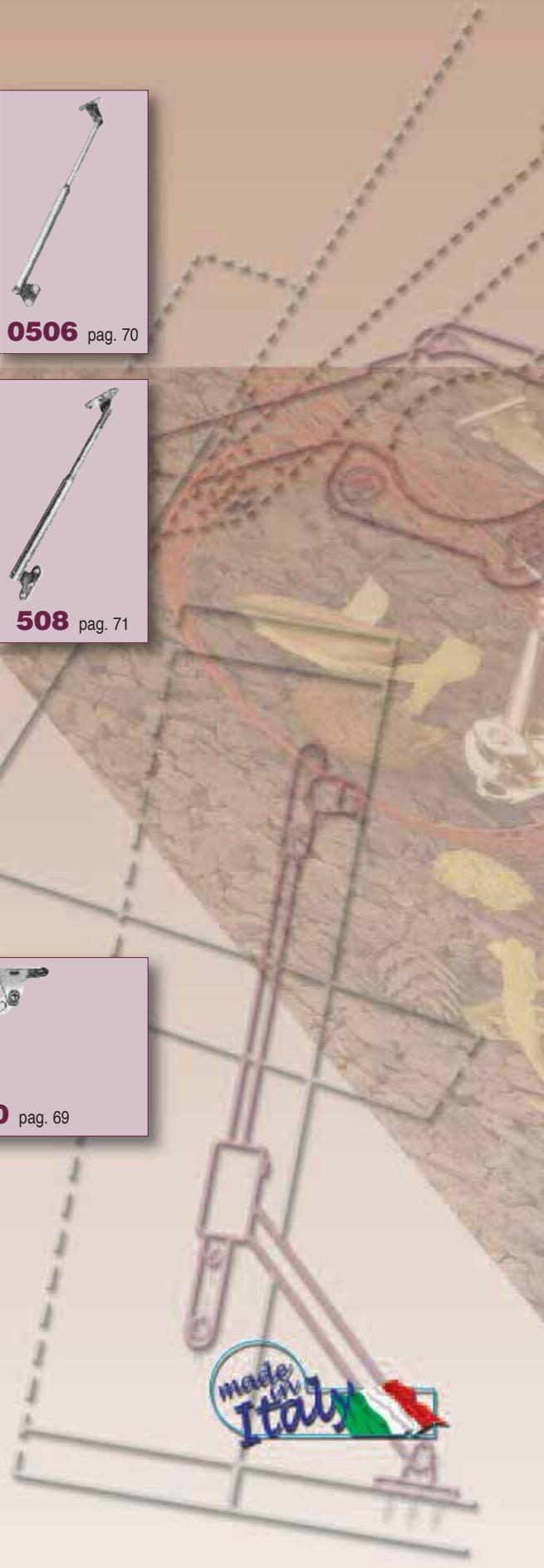
**2030** pag. 65



**2050** pag. 69



**3020** pag. 66





**CERM**

Passion  
for movement



## Movimenti ante *Wing movements*







## Movimenti ante - Mercurio

### Wing movements - Mercurio

#### La soluzione innovativa per l'apertura verticale delle ante a libro.

- ideale per altezze delle ante da 500 a 800 mm
- assicura l'apertura agevolata e la chiusura ammortizzata
- facile da montare
- utilizzabile per ante in legno o alluminio
- permette il montaggio della maniglia in qualsiasi posizione
- facilita l'inserimento dei ripiani nel mobile

#### Innovative solution to open vertical folding wings

- perfect suited for wings height from 500 to 800 mm
- very smooth opening and soft closing
- easy installation
- suitable for wooden and aluminium wings
- it allows handle installation in every position
- very easy shelves introduction in the furniture



Acciaio nichelato - Nylon grigio • Steel nickel-plated - Grey nylon • Acier nickelé - Nylon gris • Stahl vernickelt - Grijs Nylon

**540**

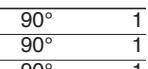
#### Attacco per anta legno

#### L tubo      Dx

250	MA540D4AGRI00
310	MA540D4BGR100
360	MA540D4CGRI00

#### Fitting for wood flap

#### Sx



90° 1

90° 1

90° 1

**540 AL**

#### Attacco per anta alluminio

#### L tubo      Dx

250	MA540D4AGR1AL
310	MA540D4BGR1AL
360	MA540D4CGR1AL

#### Fitting for aluminium flap

#### Sx



90° 1

90° 1

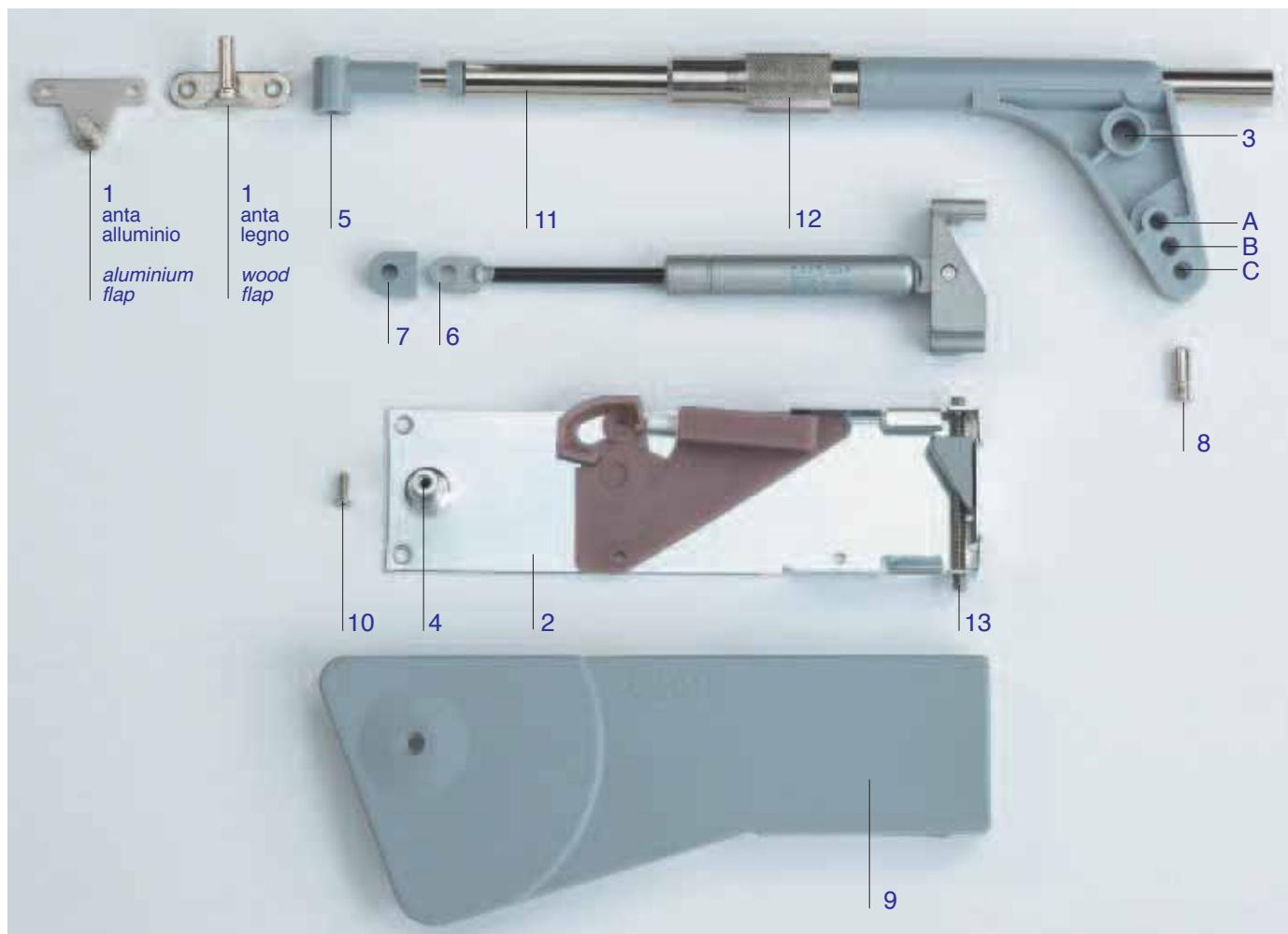
90° 1



## Movimenti ante - Mercurio



## Wing movements - Mercurio



Altezza anta H  
Height of furniture doors (H)  
mm

	5	6	7	8	9	10	11	12	13	14	15
250	B	C		A		B			C		
300	B	C	A		B		B				
350	C			B							
400	A		B		C						

Per altezza ante (H) si intende la singola anta (es.: altezza anta 300, altezza mobile 600). Il peso comprende entrambe le ante e tutta la ferramenta ad esse montata.

Il numero in tabella indica la posizione del foro di fissaggio del pistone (vedi disegno).

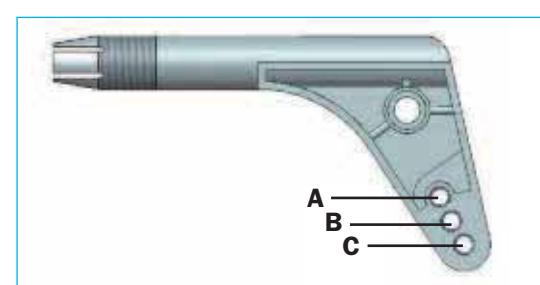
By furniture-doors' height (H) we mean the single door (for example door's height 300, piece of furniture's height 600).

The weight includes both furniture doors and all the furniture hardware

The number in the table shows the position of the fixing hole of the piston (see drawing)

1 meccanismo 1 mechanism

2 meccanismo 2 mechanism





## Movimenti ante - Mercurio

### Wing movements - Mercurio

**534**



Cod.	mm	Acciaio	Steel	Acier	Stahl	
MA000534NIK00	40x87	nickelato	nickel-plated	nickelé	Vernickeltem	2

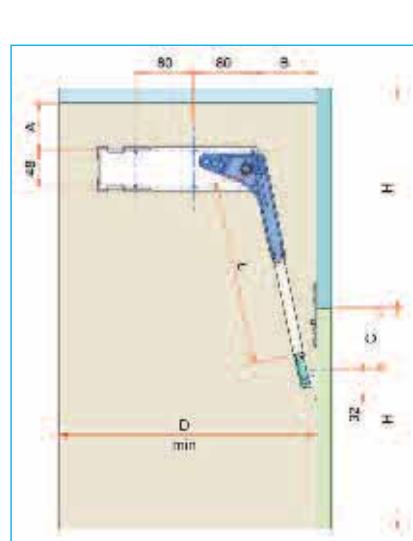
per ante in legno  
for wooden doors

**542**

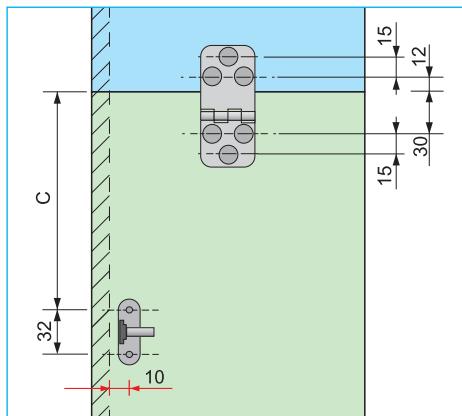


Cod.	mm	Zama	Zama	Zamak	Zama	
MA000542NIK00	46x40	nickelata	nickel-plated	nickelé	vernickelt	2

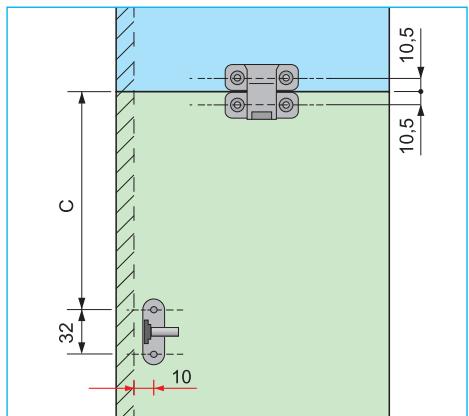
per ante in legno o alluminio  
for wooden or aluminium doors



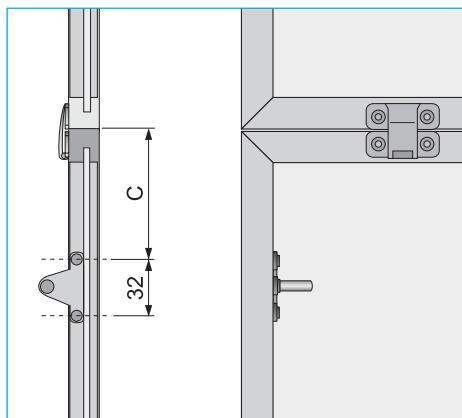
534 - Legno



542 - Legno



542 - Alluminio



Anta H mm	250	260	270	280	290	300	310	320	330	340	350	360	370	380	390	400
<b>A</b>	41	46	51	56	61	66	71	76	81	86	91	96	101	106	111	116
<b>B</b>	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104	106
<b>C</b>	59	64	69	74	79	84	89	94	99	104	109	114	119	124	129	134
<b>D</b>	290	295	295	300	300	300	305	305	310	310	315	315	315	320	320	320
<b>L</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>250</b>	<b>310</b>	<b>310</b>	<b>310</b>	<b>310</b>	<b>310</b>	<b>360</b>	<b>360</b>	<b>360</b>	<b>360</b>	<b>360</b>

Anta legno Wood flap

<b>Cod dx</b>	MA540D4AGRI00	MA540D4BGR100	MA540D4CGRI00
<b>Cod sx</b>	MA540S4AGRI00	MA540S4BGR100	MA540S4CGRI00

Anta alluminio Aluminium flap

<b>Cod dx AL</b>	MA540D4AGRIAL	MA540D4BGRIAL	MA540D4CGRIAL
<b>Cod sx AL</b>	MA540S4AGRIAL	MA540S4BGRIAL	MA540S4CGRIAL



## Movimenti ante - Mercurio



## Wing movements - Mercurio

**1**

Montare la cerniera tra le ante.  
Montare la basetta 1 sull'anta inferiore.

Set the hinge between the furniture doors.  
Set base 1 on the lower door.



**2**

Montare la piastra 2 sul montante del mobile  
Set plate 2 on the jamb of the piece of furniture



**3**

Inserire il foro 3 nel perno 4  
Put hole 3 in pin 4



**4**

Ricoprire l'attacco 6 con l'adattatore 7  
Cover fastner 6 with adaptor 7



**5**

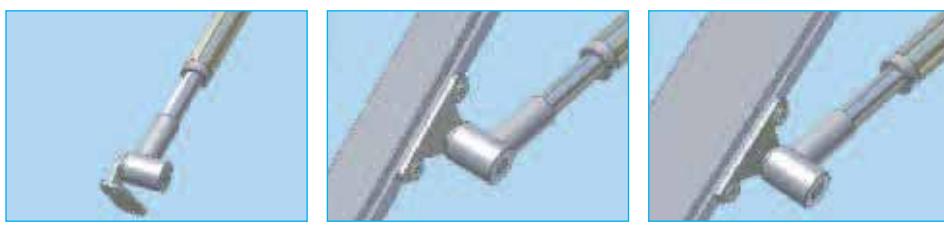
Montare le ante sul mobile  
Set the doors on the piece of furniture



**6**

Aggiicare lo stelo (5) alla basetta 1

Fasten the rod (5) to the base 1



Aggiaccio su basetta per anta in legno

Fastener on the base for wooden door

Aggiaccio su basetta per anta in alluminio con profilo stretto

Fastener on the base for aluminium door with a narrow profile

Aggiaccio su basetta per anta in alluminio con profilo largo

Fastener on the base for aluminium door with a large profile



## Movimenti ante - Mercurio

### Wing movements - Mercurio

**7**

Allineare lo stelo (6-7) ai fori A-B-C secondo le indicazioni (vedi tabella\*) e fissare con la vite 10

Line up the rod (6-7) and the holes A-B-C according to the instructions (see table \*) and fix with screw 10



**8**

Montare il coperchio 9 sulla piastra 2 inserendolo negli innesti rapidi, posti sul retro, e fissandolo con la vite 10

Place lid 9 on plate 2, by putting it in the quick couplings, located on the back, and fasten it with screw 10



**9**

- aprire le ante, verso l'alto, per tutta la corsa, ottenendo la massima estensione dell'asta 11
- chiudere leggermente per poter accedere alla ghiera 12 con la mano
- serrare leggermente la ghiera
- chiudere le ante.

- open the doors, upwards, all their travel long, thus obtaining the largest extension of rod 11
- close slightly in order to be able to reach ring nut 12 with your hand
- close slightly the ring nut
- close the doors



**10**

Regolazione lunghezza asta



Adjustment of rod's length

Verificare la chiusura completa delle ante accompagnandole al mobile: questo movimento permette la regolazione della lunghezza dell'asta  
 • riaprire le ante e serrare completamente la ghiera

Check the complete doors' closing by bringing them gently near the piece of furniture: this movement allows the adjustment of the rod's length  
 • open the doors again and fasten the ring nut completely.

**11**

Regolazione precarico



Preload adjustment

Se le ante non salgono completamente, agire con una chiave a brugola n° 3, sulla vite di regolazione 13.

Braccio sinistro: avvitare  
Braccio destro: svitare

If the doors do not shift upwards completely, operate on the adjustment screw 13 by means of an allen wrench n° 3

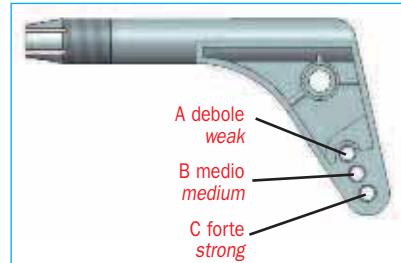
Left arm: screw  
Right arm: unscrew

**12**

Regolazione forza molla seguire la tabella \* per stabilire il numero dei meccanismi e il foro di attacco della leva se la forza non fosse corretta per l'apertura e chiusura delle ante, spostare l'attacco al foro più adeguato  
 • allentare l'eventuale precarico - vedi punto 10  
 • togliere il coperchio  
 • allentare la vite 8 ed estrarla dal perno.  
 Abbiate cura di tenere le ante in quanto, adesso, sono libere  
 • procedere secondo i punti 7, 8

Adjustment of the spring's force follow table \* to define the number of mechanisms and the fixing hole of the lever; if you realize that the force is not correct for the doors' opening and closing, shift the fastener to the more suitable hole

- loosen the preload adjuster- see point 10
- take the lid away
- unloose screw 8 and pull it out from the pin.  
*Note: keep the doors because now they can move freely*
- proceed according to steps 7, 8



## Movimenti ante - Snodo frenante



*Wing movements - Braking joint*

**600 • 601 • 602**



Vite di regolazione  
Adjusting screw



Acciaio e zama nichelati • Steel and zinc alloy, nickel-plated • Acier et zamak, nickelé • Stahl und zama, vernickelt

**600**

Attacco per anta legno

**Dx**

**601**

destro • right • droit • rechtes

**602**

SF00600DNIK00

SF00600SNIK00

90°

10

SF00601DNIK00 SF00601SNIK00 90° 10

SF00602DNIK00 SF00602SNIK00 90° 10



**600 AL**

Attacco per anta alluminio

**Dx**

**601 AL**

Fitting for aluminium flap

**Sx**

**602 AL**

SF00600DNIKAL

SF00600SNIKAL

90°

10

SF00601DNIKAL SF00601SNIKAL 90° 10

SF00602DNIKAL SF00602SNIKAL 90° 10



Dimensioni di applicazione • Application dimensions • Dimensions d'application • Einbaumaß



1 snodo frenante  
1 braking joint  
1 bras auto-bloquant  
1 Klappenbremser



2 snodo frenanti  
2 braking joints  
2 bras auto-bloquants  
2 Klappenbremser

**Kg**

13

12

11

10

9

8

7

6

5

4

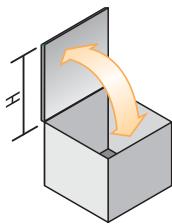
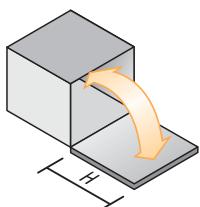
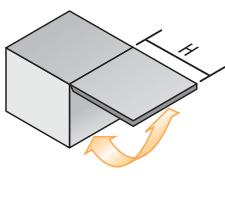
3

2

1

0

**H** 300 400 500 600 700 800 900 **mm**



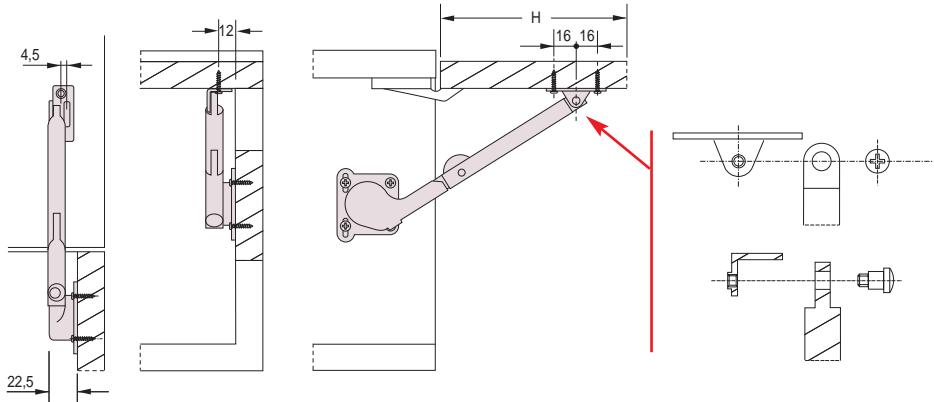


## Movimenti ante - Snodo frenante

### Wing movements - Braking joint

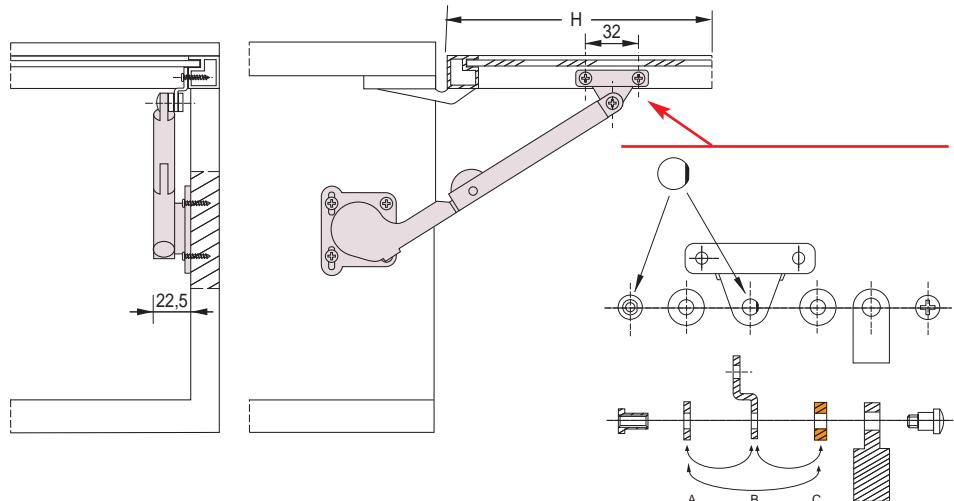
**600**

Attacco per anta in legno  
Fitting for wood flap  
Attache pour volet en bois  
Anschluss für Holz Tür

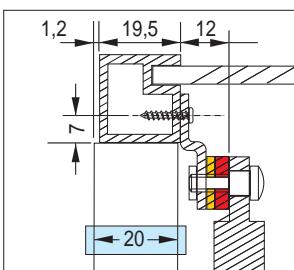


**600 AL**

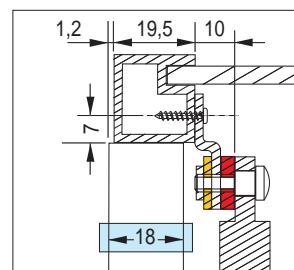
Attacco per anta in alluminio  
Fitting for aluminium flap  
Attache pour volet en aluminium  
Anschluss für Alu Tür



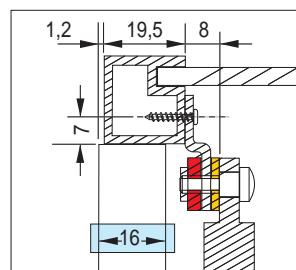
B+A+C



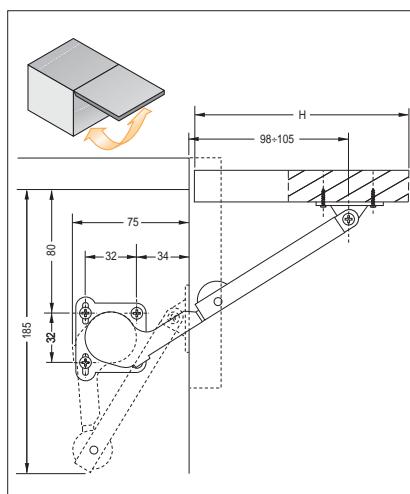
A+B+C



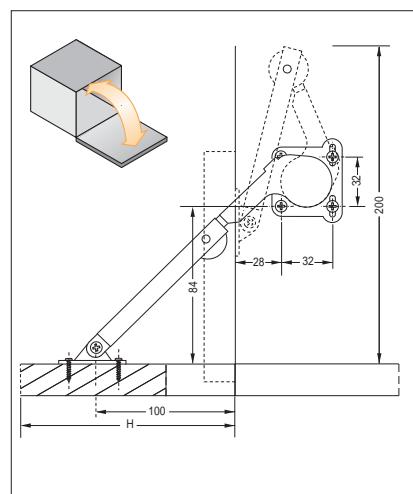
C+B+A



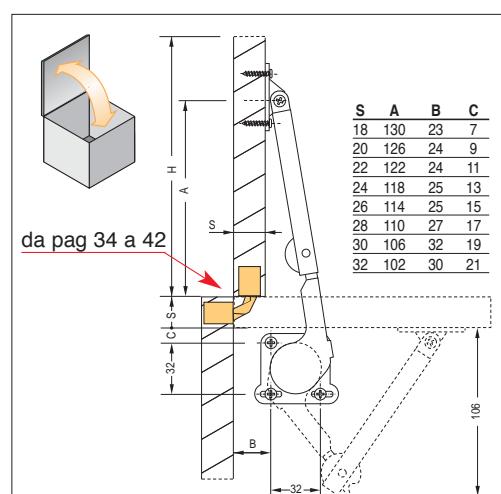
**600**



**601**



**602**



## Movimenti ante - Pistone a gas

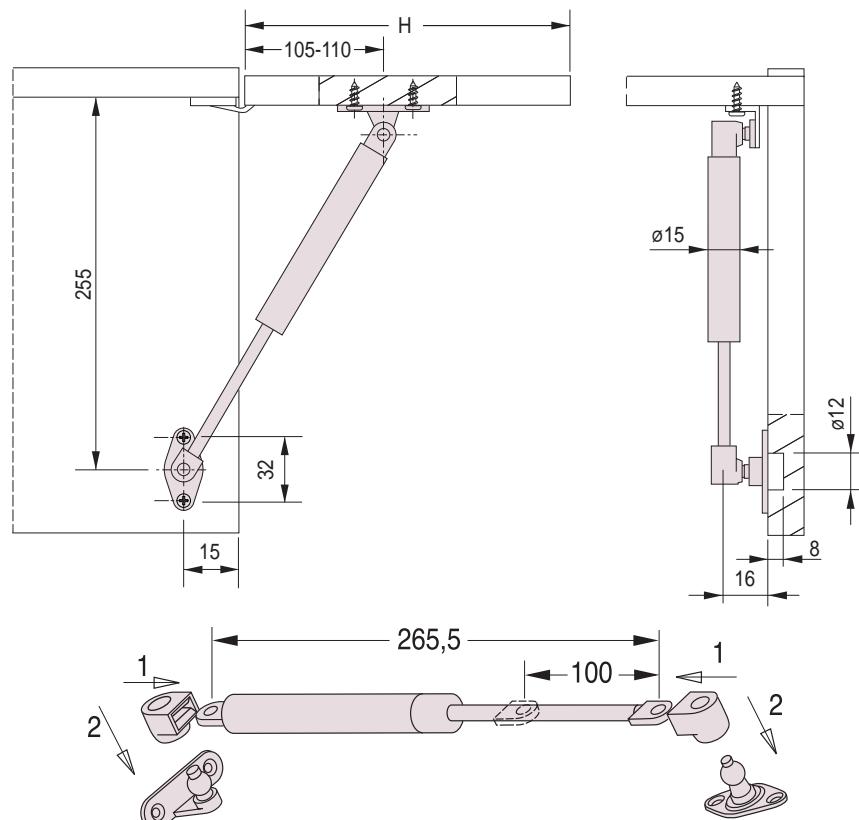


### Wing movements - Gas piston

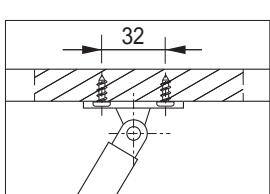
**621**



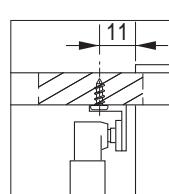
		Cilindro acciaio verniciato nero <i>Stell cylinder black painted</i>	Cilindro acciaio verniciato argento <i>Stell cylinder silver painted</i>	
		Cylindre acier verni noir	Cylindre acier verni argent	
		Schwarz lackiert stahl Zylinder	Silber lackiert stahl Zylinder	
Cod.				
<b>621</b>	<b>100/N</b>	PG062110NER00	PG062110ARG00	90° 30
	<b>150/N</b>	PG062115NER00	PG062115ARG00	90° 30
<b>621 AL</b>	<b>100/N</b>	PG062110NERAL	PG062110ARGAL	90° 30
	<b>150/N</b>	PG062115NERAL	PG062115ARGAL	90° 30



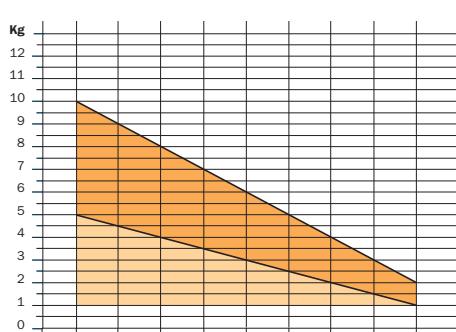
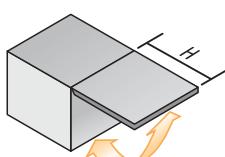
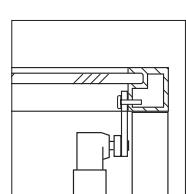
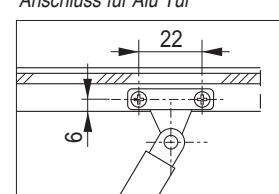
**621** - Attacco per anta in legno • fitting for wood flap • attache pour volet en bois • Anschluss für Holz Tür



**100/N**

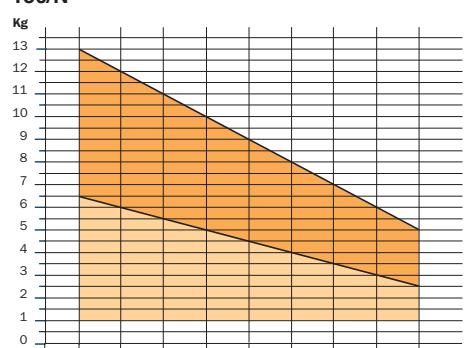


**621 AL** - Attacco per anta in alluminio • fitting for aluminium flap • attache pour volet en aluminium • Anschluss für Alu Tür



1 Pistone • piston • piston • Daempfer  
2 Pistoni • pistons • pistons • Daempfern

**150/N**



1 Pistone • piston • piston • Daempfer  
2 Pistoni • pistons • pistons • Daempfern



## Movimenti ante - Ammortizzatore

### Wing movements - Shock absorber

**622**



**622**  
**622 AL**

Cilindro acciaio verniciato argento

Stell cylinder silver painted

Cylindre acier verni argent

Silber lackiert stahl Zylinder

Cod.

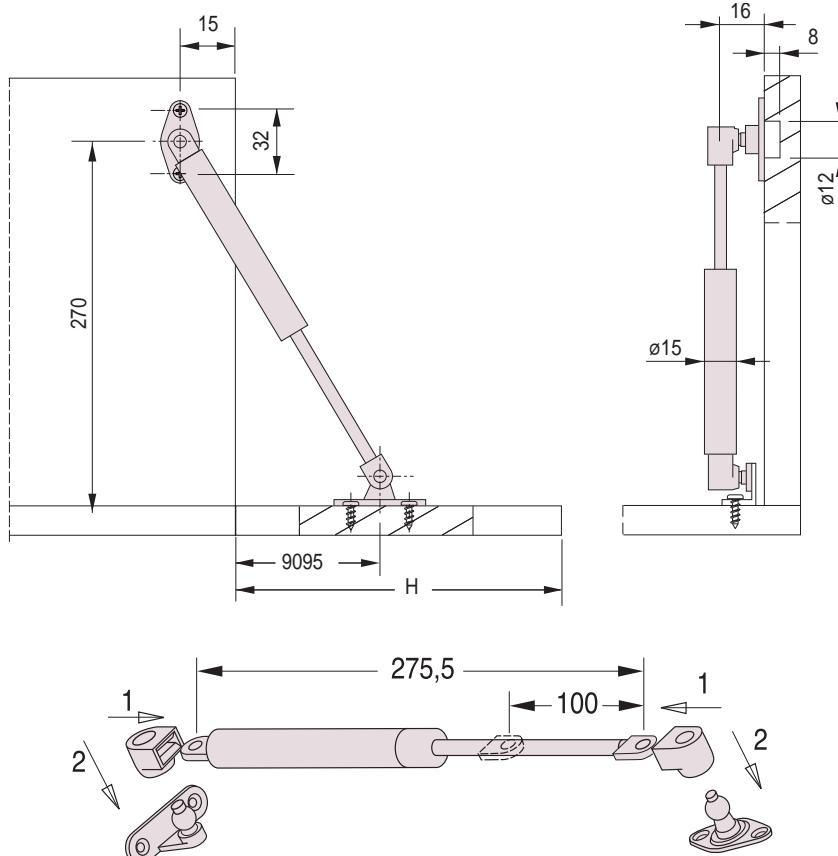
PG062215ARG00

PG062215ARGAL



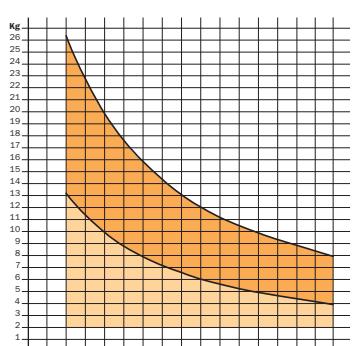
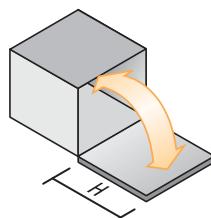
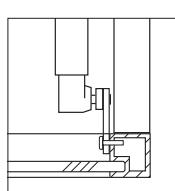
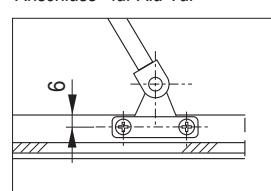
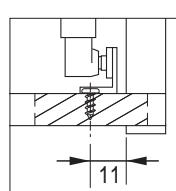
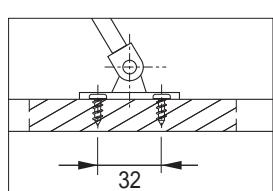
90° 30

90° 30



**622** - Attacco per anta in legno • Fitting for wood flap • Attache pour volet en bois • Anschluss für Holz Tür

**622 AL** - Attacco per anta in alluminio • Fitting for aluminium flap • Attache pour volet en aluminium • Anschluss für Alu Tür



1 Pistone • piston • piston • Daempfer

2 Pistoni • pistons • pistons Daempfern

## Movimenti ante - Aste



## Wing movements - Arms

### Aggiornamento per ordinare le aste

In una tabella sono racchiuse tutte le caratteristiche costruttive: materiali, dimensioni, finiture, colori, numero di pezzi nella confezione.  
Abbiamo realizzato questa rappresentazione nell'ottica di razionalizzare l'ordine.

#### Ipotizziamo un ordine:

- scelto l'articolo in funzione delle vostre necessità tecnico/estetiche
- si scelgono le misure ottimali per la vostra applicazione
- attacco destro o sinistro
- colore del materiale
- piedino

quindi con queste esigenze, componiamo il codice

**ATO** **3063** **S** **NIK** **00**

Asta con  
calamita

Articolo  
con relative  
dimensioni

Sinistro Nichelato

Piedino  
normale

### Update for ordering

*All construction characteristics are indicated in a table: materials, dimensions, finishes, colours, number of pieces in the pack.*  
*We created this representation in order to rationalise the order.*

#### Let's take a hypothetical order:

- choose the article in function your technical/aesthetical needs
- the best measurements are chosen for your application
- right and left attachment
- colour of the material
- foot

*With these requirements, we compose the code:*

**ATO** **3063** **S** **NIK** **00**

Pole with magnet      Article with related dimensions      Left      Nickel      Normal foot





## Movimenti ante - Aste

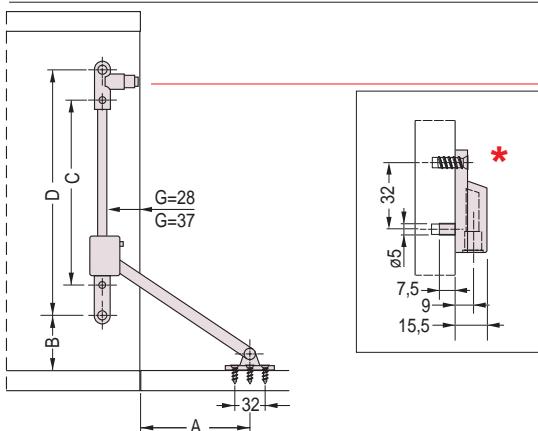
### Wing movements - Arms

Acciaio nichelato  
Nickel-plated steel  
Acier nickelé  
Vernickeltem Stahl



Per aumentare il freno, allentare la vite.  
Loosen the screw, in order to increase the brake.  
Pour augmenter l'effet du frein, il faut desserrer la vis.  
Die Schraube lockern, um die Bremse zu steigen.

	A	B	C	D	DX	SX	Nylon <b>NIK</b>	Norm <b>00</b>	M6 <b>M6</b>
							Nichelato Nickel-plated Nickelé Vernickeltem		
G=28 mm									
<b>3060</b>	101	54	192	256	.	.	.	.	25
<b>3061</b>	126	86	224	288	.	.	.	.	.
<b>3062</b>	151	118	256	320	.	.	.	.	.
<b>3063</b>	176	150	288	352	.	.	.	.	.
<b>3064</b>	201	182	320	384	.	.	.	.	.
G=37 mm									
<b>3070</b>	92	54	192	256	.	.	.	.	25
<b>3071</b>	117	86	224	288	.	.	.	.	.
<b>3072</b>	142	118	256	320	.	.	.	.	.
<b>3073</b>	167	150	288	352	.	.	.	.	.
<b>3074</b>	192	182	320	384	.	.	.	.	.

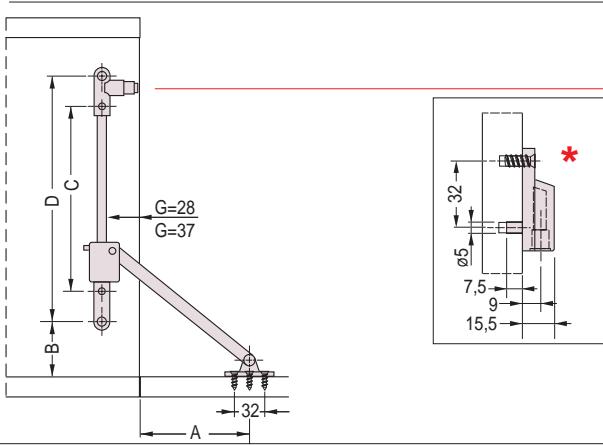


Acciaio nichelato  
Nickel-plated steel  
Acier nickelé  
Vermickeltem Stahl



Per aumentare il freno, allentare la vite.  
Loosen the screw, in order to increase the brake.  
Pour augmenter l'effet du frein, il faut desserrer la vis.  
Die Schraube lockern, um die Bremse zu steigen.

	A	B	C	D	DX	SX	D <b>MAR</b>	Nylon <b>BIA</b>	Nero <b>NER</b>	Norm <b>00</b>	M6 <b>M6</b>
							Marrone Brown Marron Braun	Bianco White Blanc Weiss	Nero Black Noir Schwarz		
G=28 mm											
<b>3040</b>	100	22	192	256	.	.	.	.	.	.	25
<b>3041</b>	126	54	224	288	.	.	.	.	.	.	.
<b>3042</b>	139	54	256	320	.	.	.	.	.	.	.
<b>3043</b>	177	86	288	352	.	.	.	.	.	.	.
<b>3044</b>	217	118	352	416	.	.	.	.	.	.	.
G=37 mm											
<b>3050</b>	91	22	192	256	.	.	.	.	.	.	25
<b>3051</b>	117	54	224	288	.	.	.	.	.	.	.
<b>3052</b>	130	54	256	320	.	.	.	.	.	.	.
<b>3053</b>	168	86	288	352	.	.	.	.	.	.	.
<b>3054</b>	208	118	352	416	.	.	.	.	.	.	.



## Movimenti ante - Aste



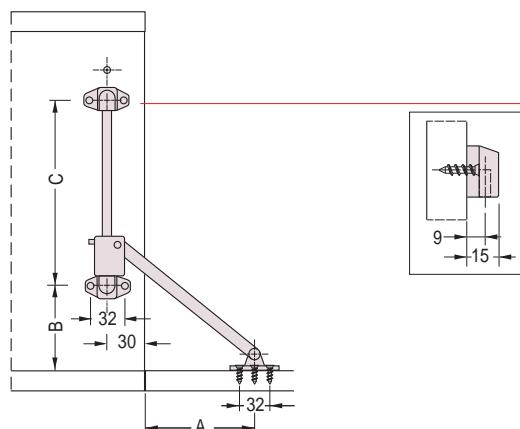
### Wing movements - Arms

Acciaio nichelato  
Nickel-plated steel  
Acier nickelé  
Vermickeitem Stahl



Per aumentare il freno, allentare la vite.  
Loosen the screw, in order to increase the brake.  
Pour augmenter l'effet du frein, il faut desserrer la vis.  
Die Schraube lockern, um die Bremse zu steigen.

	A	B	C	D	SX	MAR	Nylon	Norm	M6
				DX			BIA	NER	M6
<b>3030</b>	98	54	192	.	.	.	.	.	25
<b>3031</b>	124	86	224	.	.	.	.	.	.
<b>3032</b>	137	86	256	.	.	.	.	.	.
<b>3033</b>	175	118	288	.	.	.	.	.	.
<b>3034</b>	215	150	352	.	.	.	.	.	.

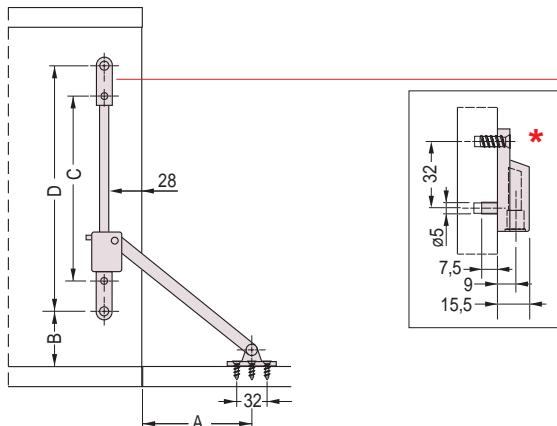


Acciaio nichelato  
Nickel-plated steel  
Acier nickelé  
Vermickeitem Stahl



Per aumentare il freno, allentare la vite.  
Loosen the screw, in order to increase the brake.  
Pour augmenter l'effet du frein, il faut desserrer la vis.  
Die Schraube lockern, um die Bremse zu steigen.

	A	B	C	D	DX	S	MAR	Nylon	Norm
								BIA	00
<b>2030</b>	100	22	192	256	.	.	.	.	25
<b>2031</b>	126	54	224	288	.	.	.	.	.
<b>2032</b>	139	54	256	320	.	.	.	.	.
<b>2033</b>	177	86	288	352	.	.	.	.	.
<b>2034</b>	217	118	353	416	.	.	.	.	.



Vite Euro  
Screw

**25**  
ø6,2x14 mm

Art.	Cod.	Acciaio	Steel	Acier	Stahl
<b>25</b>	VT00002500000	nichelato	Nickel-plated	Nickelé	Vernickeltem





## Movimenti ante - Aste

### Wing movements - Arms

Acciaio nichelato  
Nickel-plated steel  
Acier nickelé  
Vermicelltem Stahl



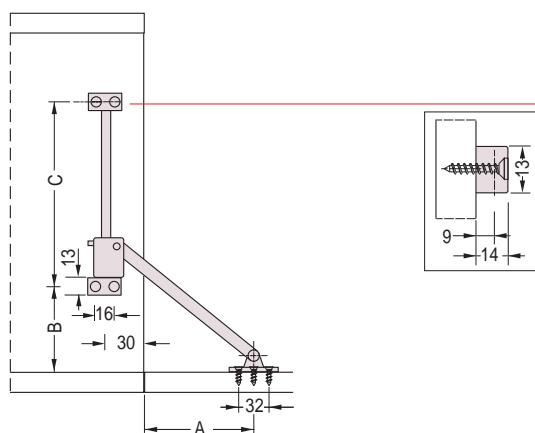
Per aumentare il freno, allentare la vite.

Loosen the screw, in order to increase the brake.

Pour augmenter l'effet du frein, il faut desserrer la vis.

Die Schraube lockern, um die Bremse zu steigen.

	A	B	C	D	S	MAR	Nylon	Norm	M6
	DX	SX		Marrone	Bianco	Nero	00		
				Brown	White	Black			
<b>3020</b>	98	54	183	.	.	.	.	.	25
<b>3021</b>	124	86	215	.	.	.	.	.	.
<b>3022</b>	137	86	247	.	.	.	.	.	.
<b>3023</b>	175	118	279	.	.	.	.	.	.
<b>3024</b>	215	150	343	.	.	.	.	.	.



Acciaio nichelato  
Nickel-plated steel  
Acier nickelé  
Vermiceltem Stahl



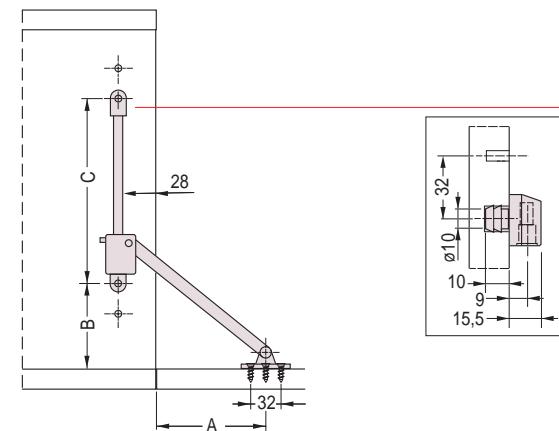
Per aumentare il freno, allentare la vite.

Loosen the screw, in order to increase the brake.

Pour augmenter l'effet du frein, il faut desserrer la vis.

Die Schraube lockern, um die Bremse zu steigen.

	A	B	C	D	S	MAR	Nylon	Norm	M6
	DX	SX		Marrone	Bianco	Nero	00		
				Brown	White	Black			
<b>2040</b>	100	54	192	.	.	.	.	.	25
<b>2041</b>	126	86	224	.	.	.	.	.	.
<b>2042</b>	139	86	256	.	.	.	.	.	.
<b>2043</b>	177	118	288	.	.	.	.	.	.
<b>2044</b>	217	150	352	.	.	.	.	.	.



## Movimenti ante - Aste



## Wing movements - Arms

**2070**



Acciaio nichelato  
Nickel-plated steel  
Acier nickelé  
Vermiceltem Stahl

Nylon marrone  
Brown nylon  
Nylon marron  
Braun Nylon

Nylon bianco  
White nylon  
Nylon blanc  
Weiss Nylon

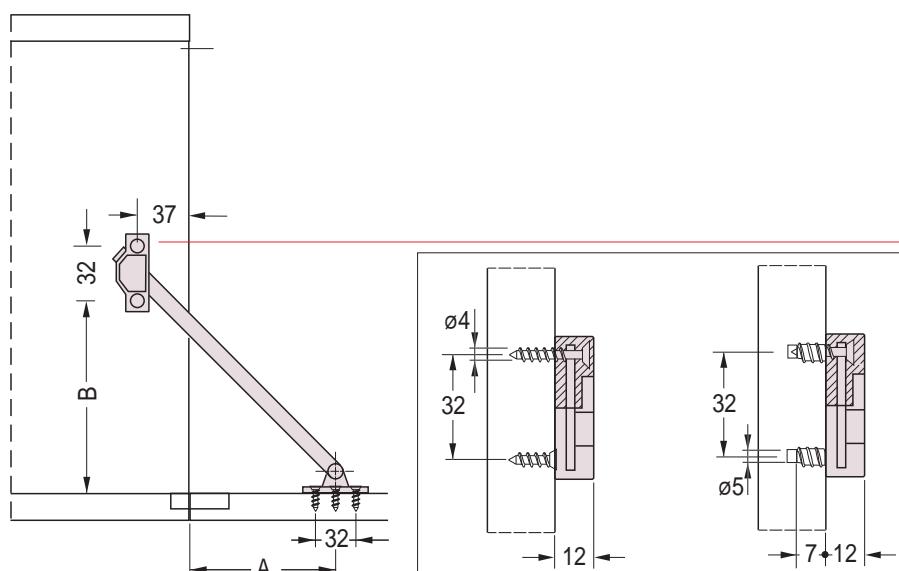
Nylon nero  
Black nylon  
Nylon noir  
Schwarz Nylon



Art.	Cod.				
<b>2070</b>	mm 150	AT002070MAR00	AT002070BIA00	AT002070NER00	50
<b>2071</b>	mm 200	AT002071MAR00	AT002071BIA00	AT002071NER00	50
<b>2072</b>	mm 250	AT002072MAR00	AT002072BIA00	AT002072NER00	50

Art.	Cod.				
<b>2080</b>	mm 150	AT002080MAR00	AT002080BIA00	AT002080NER00	50
<b>2081</b>	mm 200	AT002081MAR00	AT002081BIA00	AT002081NER00	50
<b>2082</b>	mm 250	AT002082MAR00	AT002082BIA00	AT002082NER00	50

**2080**



Art.	2070	2071	2072	2080	2081	2082
A mm	90	122	154	90	122	154
B mm	54	86	118	54	86	118





## Movimenti ante - Aste

### Wing movements - Arms

Acciaio  
Steel  
Acier  
Stahl



**0510**

Con freno.  
With brake.  
Avec frein.

Mit Bremsvorrichtung.

Acciaio zinccromato  
Zinc chromium-plated steel  
Acier chromé en zinc  
Zinkverchromten Stahl

Acciaio ottonato  
Brass-plated steel  
Acier laitonné  
Vermessingtem Stahl

Acciaio bronzato  
Bronze-plated steel  
Acier bronzé  
Bronziertem Stahl

Art.	Cod.	Cod.	Cod.
------	------	------	------

<b>0510</b>	mm 150	AT000510AZC15	AT000510AOT15	AT000510ABR15	50
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<b>510</b>	mm 200	AT000510AZC20	AT000510AOT20	AT000510ABR20	
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<b>511</b>	mm 250	AT000511AZC25	AT000511AOT25	AT000511ABR25	
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Art.	Cod.	Cod.	Cod.
------	------	------	------

<b>524</b>	mm 150	AT000524AZC15	AT000524AOT15	AT000524ABR15	50
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<b>525</b>	mm 200	AT000525AZC20	AT000525AOT20	AT000525ABR20	
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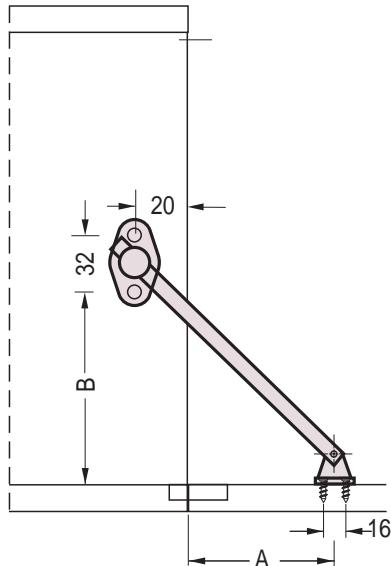
<b>526</b>	mm 250	AT000526AZC25	AT000526AOT25	AT000526ABR25	
------------	--------	---------------	---------------	---------------	--



**524**

Senza freno.  
Without brake.  
Sans frein.

Ohne Bremsvorrichtung.



Art.	<b>0510</b>	<b>510</b>	<b>511</b>	<b>524</b>	<b>525</b>	<b>526</b>
<b>A mm</b>	70	100	130	70	100	130
<b>B mm</b>	85	130	165	85	130	165



Vite regolazione freno.  
Screw for the brake adjustment.  
Vis de réglage du frein.  
Schraube für die Einstellung der Bremse.



# Movimenti ante - Ante

## Wing movements - Arms

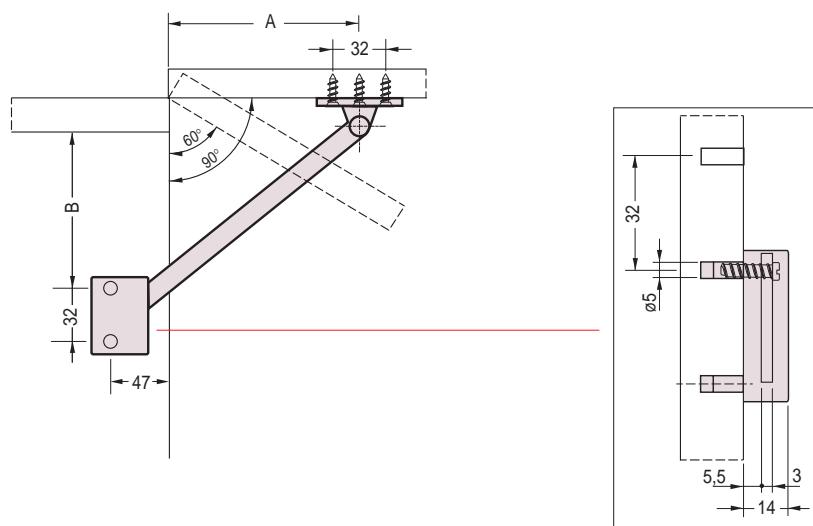


Acciaio nichelato  
Nickel-plated steel  
Acier nickelé  
Vermiceltem Stahl

**2050**



Art.	mm	Cod.	Dx	Sx	
<b>2050</b>	Nylon marrone <i>Brown nylon</i>	150 <b>2050</b> 200 <b>2051</b> 250 <b>2052</b>	ATO2050DMAROO ATO2051DMAROO ATO2052DMAROO	ATO2050SMAROO ATO2051SMAROO ATO2052SMAROO	25
	Nylon bianco <i>White nylon</i>	150 <b>2050</b> 200 <b>2051</b> 250 <b>2052</b>	ATO2050DBIAOO ATO2051DBIAOO ATO2052DBIAOO	ATO2050SBIAOO ATO2051SBIAOO ATO2052SBIAOO	25
	Nylon nero <i>Black nylon</i>	150 <b>2050</b> 200 <b>2051</b> 250 <b>2052</b>	ATO2050DNEROO ATO2051DNEROO ATO2052DNEROO	ATO2050SNEROO ATO2051SNEROO ATO2052SNEROO	25



Art.		A mm	B mm
<b>2050</b>	mm 150	60°	106
		90°	71
<b>2051</b>	mm 200	60°	150
		90°	110
<b>2052</b>	mm 250	60°	194
		90°	150
			182
			118





## Movimenti ante - Bracci telescopici

### Wing movements - Telescopic arms

**0506**

mm 150



**506**

mm 200



**507**

mm 250

Cod.

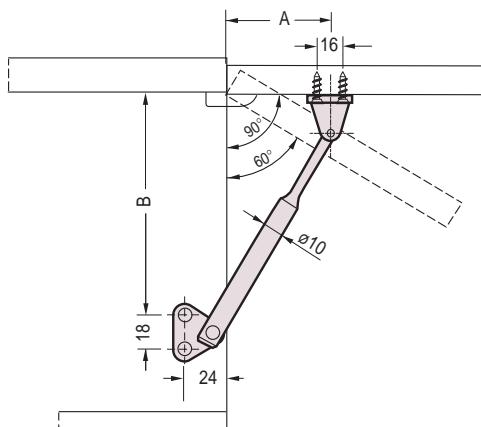
BT000506OZC15	Ottone zinccromato	Zinc chromium-plated brass	Laiton cromé en zinc	Zinkverchromtem Messing	50
BT000506OTT15	Ottone	Brass	Laiton	Messing	
BT000506ONI15	Ottone nichelato	Nickel-plated brass	Laiton nickelé	Vernickeltem Messing	
BT000506OBR15	Ottone bronzato	Bronze-plated brass	Laiton bronzé	Bronziertem Messing	
BT000506AZC15	Acciaio zinccromato	Zinc chromium-plated steel	Acier chromé en zinc	Zinkverchromten Stahl	
BT000506ABR15	Acciaio bronzato	Bronze-plated steel	Acier bronzé	Bronziertem Stahl	
BT000506AOT15	Acciaio ottonato	Brass-plated steel	Acier laitonné	Vermessingtem Stahl	

Cod.

BT000506OZC20	Ottone zinccromato	Zinc chromium-plated brass	Laiton cromé en zinc	Zinkverchromtem Messing	50
BT000506OTT20	Ottone	Brass	Laiton	Messing	
BT000506ONI20	Ottone nichelato	Nickel-plated brass	Laiton nickelé	Vernickeltem Messing	
BT000506OBR20	Ottone bronzato	Bronze-plated brass	Laiton bronzé	Bronziertem Messing	
BT000506AZC20	Acciaio zinccromato	Zinc chromium-plated steel	Acier chromé en zinc	Zinkverchromten Stahl	
BT000506ABR20	Acciaio bronzato	Bronze-plated steel	Acier bronzé	Bronziertem Stahl	
BT000506AOT20	Acciaio ottonato	Brass-plated steel	Acier laitonné	Vermessingtem Stahl	

Cod.

BT000507OZC25	Ottone zinccromato	Zinc chromium-plated brass	Laiton cromé en zinc	Zinkverchromtem Messing	50
BT000507OTT25	Ottone	Brass	Laiton	Messing	
BT000507ONI25	Ottone nichelato	Nickel-plated brass	Laiton nickelé	Vernickeltem Messing	
BT000507OBR25	Ottone bronzato	Bronze-plated brass	Laiton bronzé	Bronziertem Messing	
BT000507AZC25	Acciaio zinccromato	Zinc chromium-plated steel	Acier chromé en zinc	Zinkverchromten Stahl	
BT000507ABR25	Acciaio bronzato	Bronze-plated steel	Acier bronzé	Bronziertem Stahl	
BT000507AOT25	Acciaio ottonato	Brass-plated steel	Acier laitonné	Vermessingtem Stahl	



Art.

		A mm	B mm
<b>0506</b>	mm 150	60°	85
		90°	50
<b>506</b>	mm 200	60°	115
		90°	70
<b>507</b>	mm 250	60°	150
		90°	85



## Movimenti ante - Bracci telescopici



## Wing movements - Telescopic arms

**508**

mm 200



Cod.

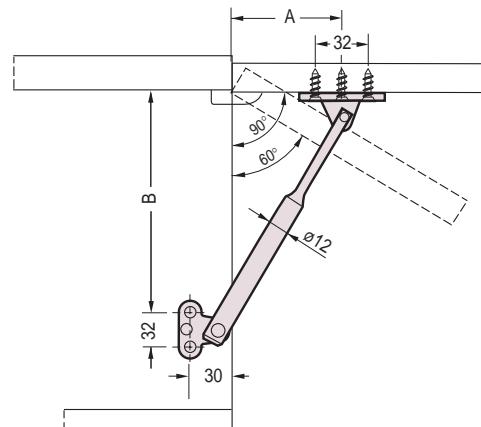
BT000508OZC20	Ottone zinccromato	Zinc chromium-plated brass	Laiton cromé en zinc	Zinkverchromtem Messing	25
BT000508OTT20	Ottone Brass	Brass	Laiton	Messing	
BT000508ONI20	Ottone nichelato	Nickel-plated brass	Laiton nickelé	Vernickeltem Messing	
BT000508OBR20	Ottone bronzato	Bronze-plated brass	Laiton bronzé	Bronziertem Messing	
BT000508AZC20	Acciaio zinccromato	Zinc chromium-plated steel	Acier chromé en zinc	Zinkverchromten Stahl	
BT000508ABR20	Acciaio bronzato	Bronze-plated steel	Acier bronzé	Bronziertem Stahl	
BT000508AOT20	Acciaio ottonato	Brass-plated steel	Acier laitonné	Vermessingtem Stahl	

**509**

mm 250

Cod.

BT000509OZC25	Ottone zinccromato	Zinc chromium-plated brass	Laiton cromé en zinc	Zinkverchromtem Messing	25
BT000509OTT25	Ottone Brass	Brass	Laiton	Messing	
BT000509ONI25	Ottone nichelato	Nickel-plated brass	Laiton nickelé	Vernickeltem Messing	
BT000509OBR25	Ottone bronzato	Bronze-plated brass	Laiton bronzé	Bronziertem Messing	
BT000509AZC25	Acciaio zinccromato	Zinc chromium-plated steel	Acier chromé en zinc	Zinkverchromten Stahl	
BT000509ABR25	Acciaio bronzato	Bronze-plated steel	Acier bronzé	Bronziertem Stahl	
BT000509AOT25	Acciaio ottonato	Brass-plated steel	Acier laitonné	Vermessingtem Stahl	



Art.

			A mm	B mm
<b>508</b>	mm 200	60°	120	215
		90°	80	180
<b>509</b>	mm 250	60°	130	280
		90°	90	225





made  
in  
Italy

# Giunzioni e bussole

## Joints and bushes



**CETON**

passion  
for movement

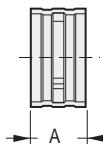


## Giunzioni e bussole

### Joints and bushes



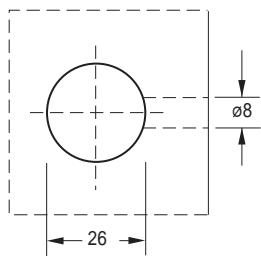
**500**



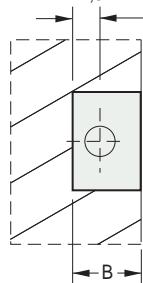
Eccentrico  
A= 10,5  
A= 14,5



Eccentric



5,5xA10,5  
7,5xA14,5



Eccentrico:  
Coperchio normale:  
A= 10,5 - B=11  
A= 14,5 - B=15

Coperchio foro legno: Cap for wooden hole  
A= 10,5 - B=14  
A= 14,5 - B=18

Acciaio zincocromato • Zinc chromium-plated steel • Acier chromé en zinc • Zinkverchromten Stahl

Eccentrico Eccentric

Perni Pins

10,5	14,5	ø7,5x21	ø7,5x32	ø7,5x80	100
AM00500E00010	AM00500E00014	AM00500P00021	AM00500P00032	AM00500P00080	100

Coperchio normale

Cap normal

AM00500CMARNO

AM00500CNERNO

AM00500CBIANO

Foro legno

Wooden hole

AM00500CMARFL nylon marrone • brown • marron • Braun

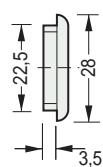
AM00500CNERFL nero • black • noir • schwarz

AM00500CBIAFL bianco • white • blanc • Weiss

Coperchio normale



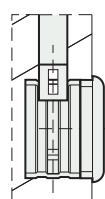
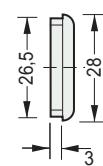
Normal cap



Coperchio foro legno



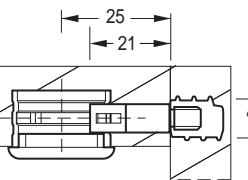
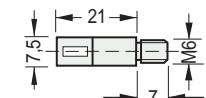
Cap for wooden hole



Perno ø 7,5x21



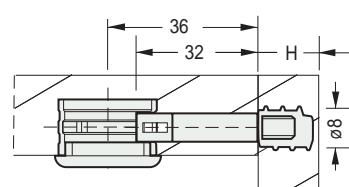
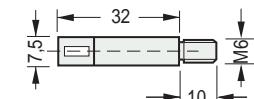
Pin ø 7,5x21



Perno ø 7,5x32



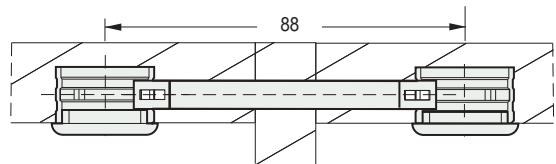
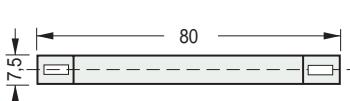
Pin ø 7,5x32



Perno ø 7,5x80



Pin ø 7,5x80



**7**

ø10xH16  
M6



**9**

ø10xH12  
M6



**8**

ø11xH13  
M6



**10**

ø11xH10  
M6



Art.

**7**

Ottone  
Brass  
Laiton  
Messing

Cod.  
AM000007OTT00

Nylon neutro  
Neutral nylon  
Nylon neutre  
Neuralfarbig Nylon

AM00000800000

**8**

AM000009OTT00

**9**

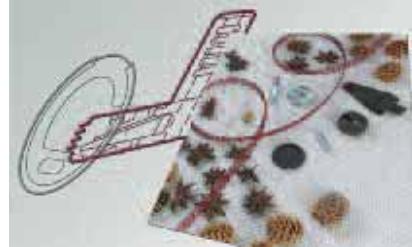
AM00001000000

**10**





# Giunzioni e bussole



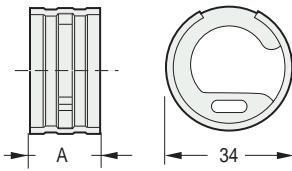
## Joints and bushes

**505**

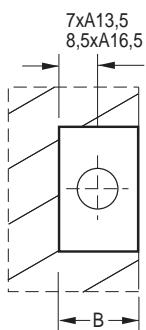
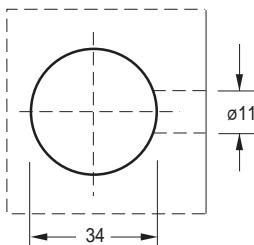
Acciaio zincocromato • Zinc chromium-plated steel • Acier chromé en zinc • Zinkverchromten Stahl



Eccentrico	13,5	16,5	
<b>Eccentric</b>	AM00505E00013	AM00505E00016	100
Perni	ø10x32	ø10x55	ø10x92
<b>Pins</b>	AM00505P00032	AM00505P00055	AM00505P00092
Coperchio normale			
<b>Normal cap</b>			
AM00505CMARNO	AM00505CMARFL	nylon marrone • brown • marron • Braun	100
AM00505CNERNO	AM00505CNERFL	nero • black • noir • schwarz	
AM00505CBIANO	AM00505CBIABL	bianco • white • blanc • Weiss	



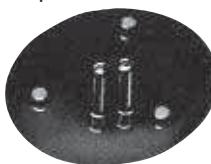
Eccentrico  
A= 13,5  
A= 16,5



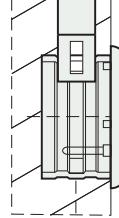
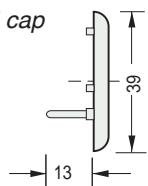
Eccentrico  
Coperchio normale  
A= 13,5 - B=14  
A= 16,5 - B=17

Coperchio foro legno      Cap for wooden hole  
A= 13,5 - B=18  
A= 16,5 - B=21

Coperchio normale



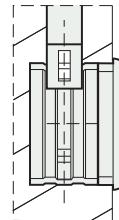
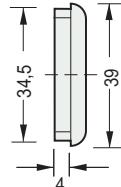
Normal cap



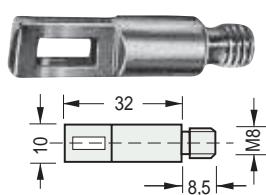
Coperchio foro legno



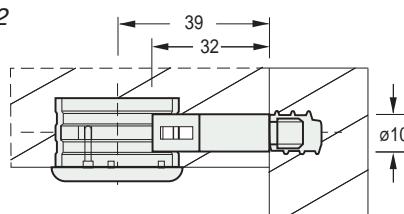
Cap for wooden hole



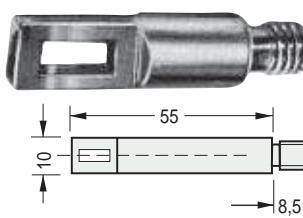
Perno ø 10x32



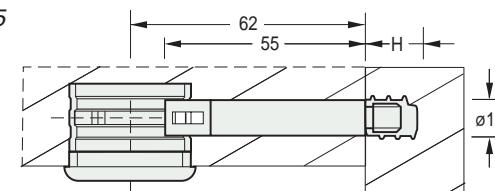
Pin ø 10x32



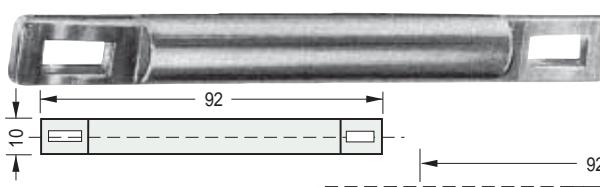
Perno ø 10x55



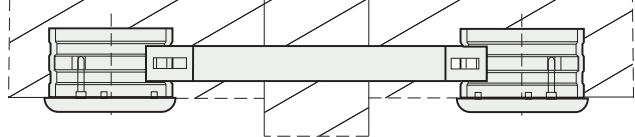
Pin ø 10x55



Perno ø 10x92

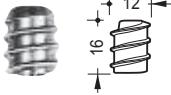


Pin ø 10x92



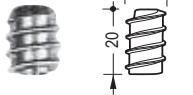
**16**

ø12xH16 - M6



**17**

ø 12xH20 M6



**Art.**      **Cod.**

<b>16</b>	AM000016OTT00	Ottone	Brass	Laiton	Messing	100
<b>17</b>	AM000017OTT00	Ottone	Brass	Laiton	Messing	100





## Giunzioni e bussole

### Joints and bushes



# 2100

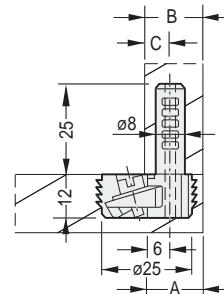


Cod.

AM002100MAR00	Nylon	marrone • Brown • marron • Braun	500
AM002100NER00		nero • Black • noir • Schwarz	
AM002100BIA00		bianco • White • blanc • Weiss	

$$A = B - C + 6$$

$$C = \text{max } 7 \text{ mm}$$



# 2105

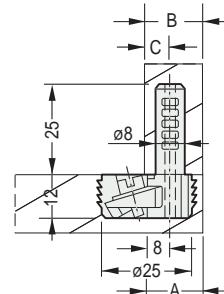


Cod.

AM002105MAR00	Nylon	marrone • Brown • marron • Braun	500
AM002105NER00		nero • Black • noir • Schwarz	
AM002105BIA00		bianco • White • blanc • Weiss	

$$A = B - C + 8$$

$$C = \text{max } 9 \text{ mm}$$



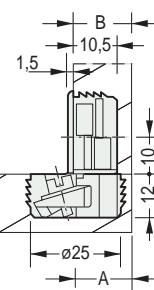
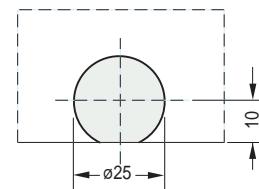
# 2110



Cod.

AM002110MAR00	Nylon	marrone • Brown • marron • Braun	250
AM002110NER00		nero • Black • noir • Schwarz	
AM002110BIA00		bianco • White • blanc • Weiss	

$$A = B + 1,5$$



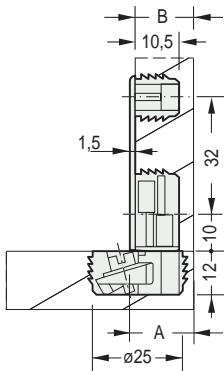
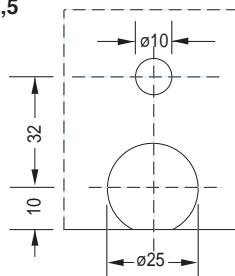
# 2115



Cod.

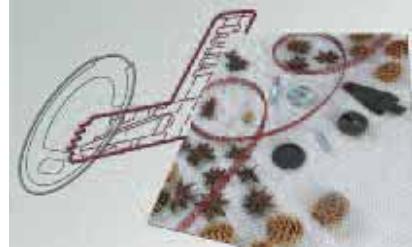
AM002115MAR00	nylon	marrone • Brown • marron • Braun	200
AM002115NER00		nero • Black • noir • Schwarz	
AM002115BIA00		bianco • White • blanc • Weiss	

$$A = B + 1,5$$





## Giunzioni e bussole



### 2120



Cod.

AM002120MAR00

Nylon

marrone • Brown • marron • Braun

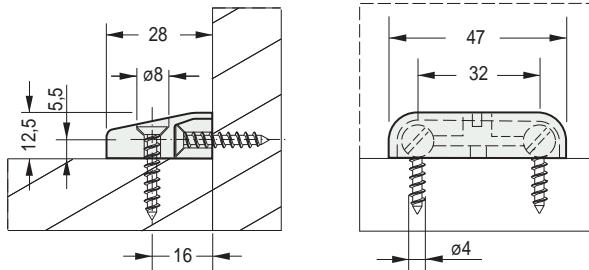
250

AM002120NER00

nero • Black • noir • Schwarz

AM002120BIA00

Nylon bianco • White • blanc • Weiss



### 2125



Cod.

AM002125MAR00

Nylon

marrone • Brown • marron • Braun

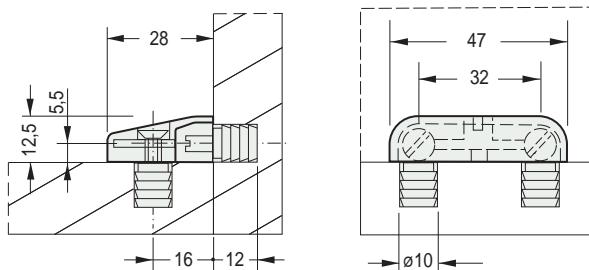
200

AM002125NER00

nero • Black • noir • Schwarz

AM002125BIA00

bianco • White • blanc • Weiss



### 100

Cod.

AM0001000000

Acciaio zincocromato

Zinc chromium-plated steel

Acier chromé en zinc

Zinkverchromten Stahl



500

AM0001010000

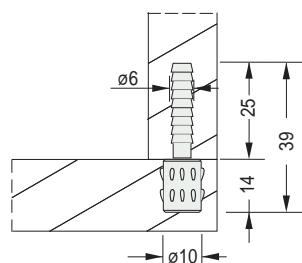
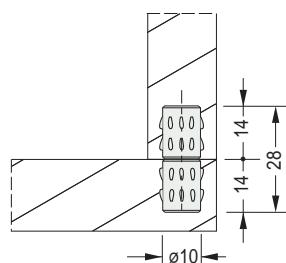
Nylon neutro

Neutral nylon

Nylon neutre



### 101





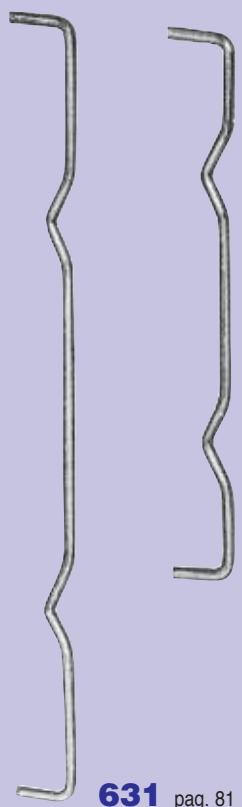
**211** pag. 80



**212** pag. 80



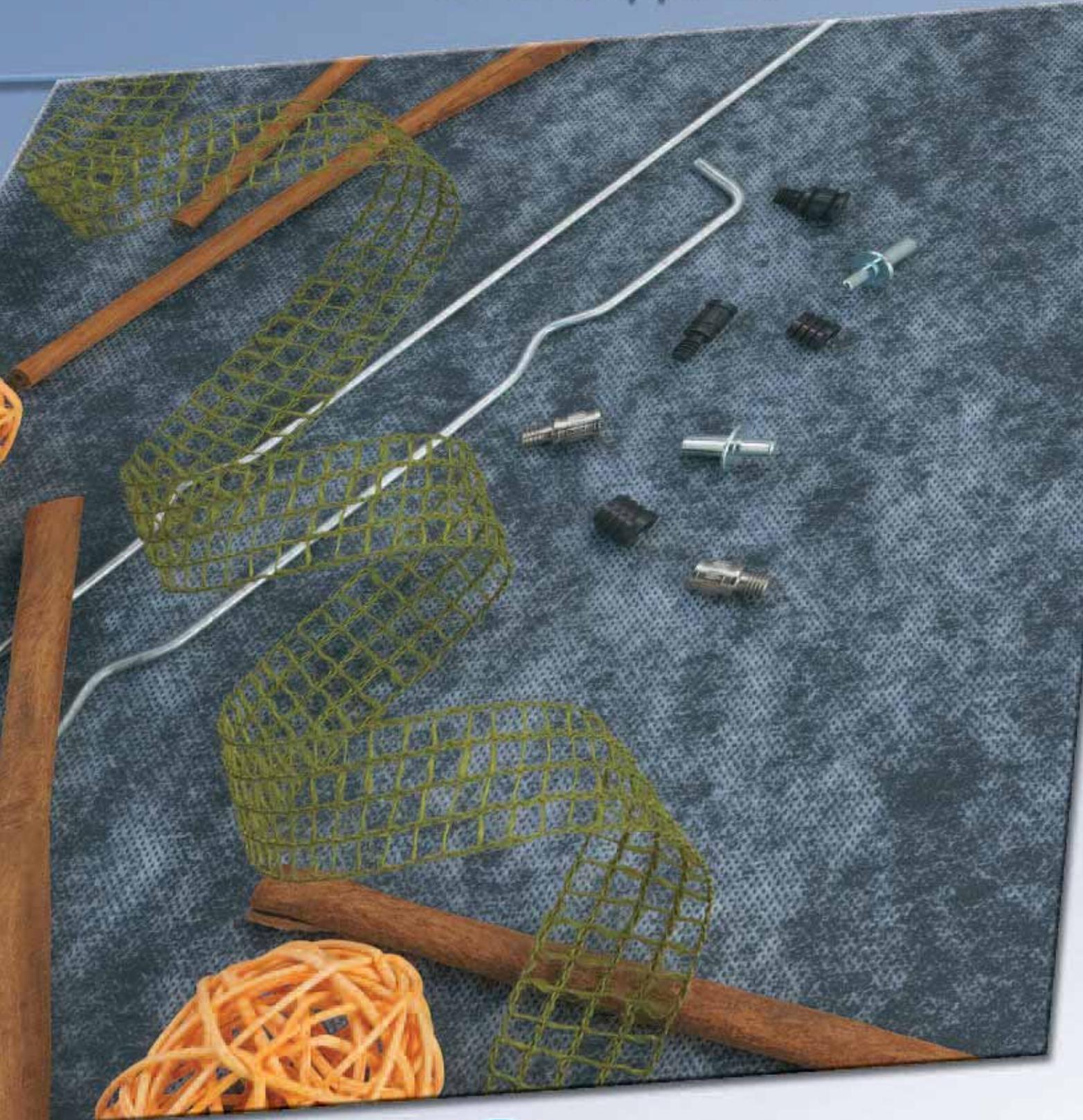
**200** pag. 80



**631** pag. 81



# Reggipiani Shelf supports



**GEM**

*Passion  
for movement*



## Reggipiani

### Self supports

**211-213**

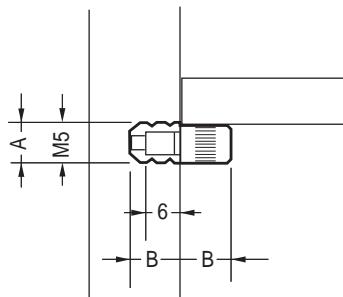


		Ottone Brass Laiton Messing	Ottone nichelato Nickel-plated brass Laiton nickelé Vernickeltem Messing	Ottone bronzato Bronze-plated brass Laiton bronisé Bronziertem Messing
<b>Art.</b>	<b>Cod.</b>	RE000211OTT00	RE000211ONI00	RE000211OBR00
<b>211</b>	A mm	7	7	7
	B mm	9	9	9
		1000	1000	1000

**212-214**



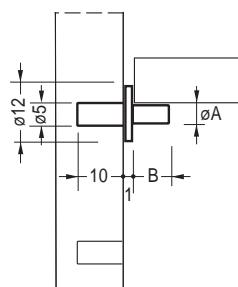
		RE000213OTT00	RE000213ONI00	RE000213OBR00
<b>Art.</b>	<b>213</b>	A mm	8	8
		B mm	10	10
			1.000	1.000
<b>Art.</b>	<b>212</b>	RE000212OTT00	RE000212ONI00	RE000212OBR00
		A mm	7	7
		B mm	9	9
			1.000	1.000
<b>Art.</b>	<b>214</b>	RE000214OTT00	RE000214ONI00	RE000214OBR00
		A mm	8	8
		B mm	10	10
			1.000	1.000



**200-300**



		Acciaio zincocromato Zinc chromium-plated steel Acier chromé en zinc Zinkverchromten Stahl	Acciaio bronzato Zinc chrome-plated steel Acier chromé en zinc Zinkverchromten Stahl	Bronze-plated steel Acier bronisé Bronziertem Stahl
<b>Art.</b>	<b>Cod.</b>	RE000200AZC00	RE000200ABR00	
<b>200</b>	Ø A mm	4	4	
	B mm	8	8	
		1.000	1.000	
<b>Art.</b>	<b>Cod.</b>	RE000300AZC00	RE000300ABR00	
<b>300</b>	Ø A mm	5	5	
	B mm	10	10	
		1.000	1.000	





**CEAM®**

**CEAM AMADEO S.P.A.**  
22072 Cermenate - Como - Italy  
Via Dante Alighieri, 5  
Casella postale n. 39  
Tel. +39 - 031 77 13 16  
Fax +39 - 031 77 29 11  
[www.ceamitalia.it](http://www.ceamitalia.it)  
e-mail: [ceamitalia@ceamitalia.it](mailto:ceamitalia@ceamitalia.it)



**631**

Acciaio zincocromato  
Zinc chromium-plated steel  
Acier chromé en zinc  
Zinkverchromten Stahl

Art.	Cod	A mm	
<b>631</b>	RE00063100000	64	1.000
<b>632</b>	RE00063200000	96	1.000
<b>633</b>	RE00063300000	128	1.000
<b>634</b>	RE00063400000	160	500
<b>635</b>	RE00063500000	192	500
<b>636</b>	RE00063600000	224	500
<b>637</b>	RE00063700000	256	500
<b>638</b>	RE00063800000	288	500
<b>639</b>	RE00063900000	320	500
<b>640</b>	RE00064000000	352	500
<b>641</b>	RE00064100000	384	500
<b>642</b>	RE00064200000	416	500

