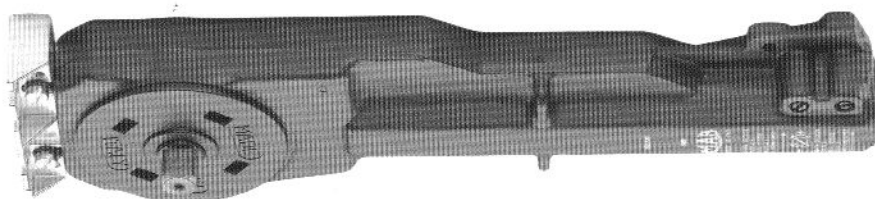


CHIUDIPIORTA
NASCOSTO
NELL'ARCHITRAVE
PER PORTE A
ROTAZIONE ASSIALE

5600

OVERHEAD
CONCEALED
CLOSER FOR CENTRE
HUNG DOORS



CARATTERISTICHE:

- Corpo in ghisa stabilizzata.
- Meccanismo ad alta efficienza in acciaio temprato.
- A bassa coppia d'apertura.
- Due velocità di chiusura controllate da valvole indipendenti.
- Potente scatto finale totalmente modulabile.
- Unica dimensione di corpo per le varie forze.
- Disponibile nelle forze di chiusura **1 - 2 - 3 EN / ANSI**.
- Totalmente intercambiabile con MAB 5750.
- Disponibile con fermaporta a 90°, 105° e senza fermaporta.
- Perno standard di altezza mm.16. A richiesta mm.21.

FEATURES:

- High grade cast iron body.
- High efficiency hardened steel mechanism.
- Low opening force.
- Two independent, non-critical closing speed valves.
- Fully adjustable final latch.
- One body size.
- Power sizes **1 - 2 - 3** according to **EN / ANSI**.
- Totally interchangeable with MAB 5750.
- Available with hold open at 90°, 105° or non hold open.
- Standard spindle height mm. 16. Optional mm.21.

SPECIFICA PER CAPITOLATI:

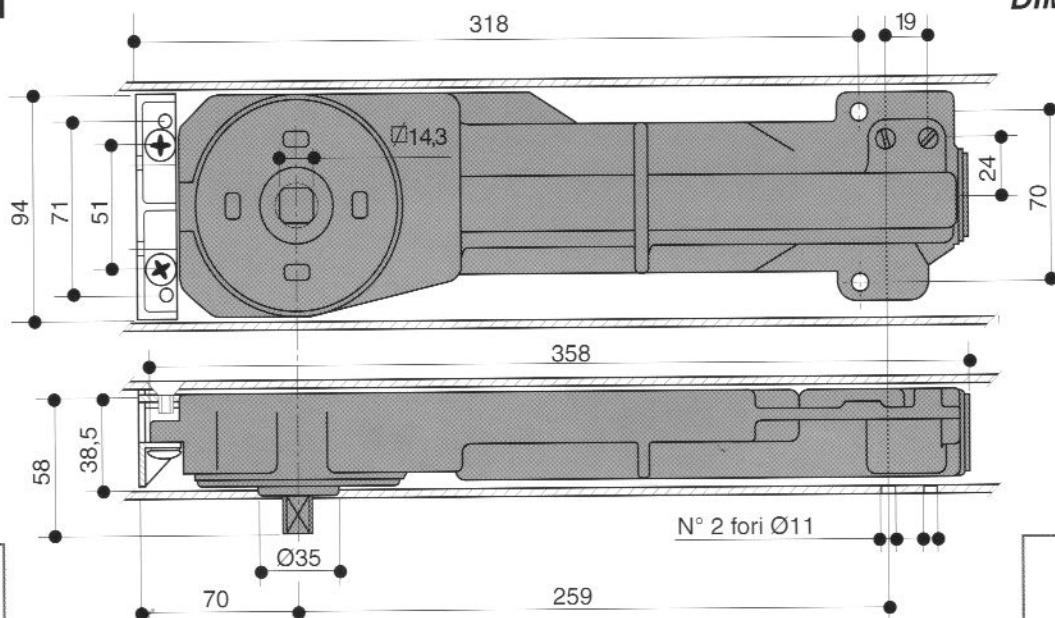
chiudiporta nascosto nell'architrave, forze EN 1-3, a bassa coppia d'apertura, MAB 5600.

SPECIFICATION:

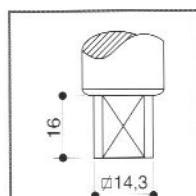
overhead concealed closer for centre hung doors, power sizes EN 1-3, with low opening force, ADA compliant, MAB 5600.

DIMENSIONI

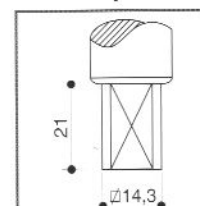
DIMENSIONS



Standard



Optional



CARATTERISTICHE SPECIFICHE



L'alta efficienza (min. 70%) e la particolare concezione del meccanismo, permettono l'apertura delle porte con una spinta di basso valore e costante da 0° a 90°.

Eliminando incrementi di forza necessaria all'apertura fino a 90°, rende le porte più adatte ai disabili in conformità con le norme **ADA** (USA) per porte interne ed esterne.

Forza **1** (per porte interne): spinta max. in apertura fino a 90° inferiore a 17 Nm

Forza **2** (per porte esterne): spinta max. in apertura fino a 90° inferiore a 29 Nm

SPECIFIC FEATURES



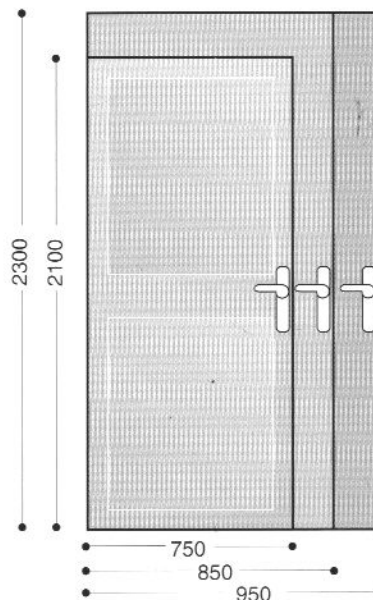
*The high efficiency (min. 70%) and the particular design of the mechanism enable the door to be opened with low and constant effort from 0° through 90° in compliance with **ADA** (USA) requirements for interior and exterior doors.*

*Power size **1** (for interior doors): max opening force through 90° less than 17 Nm.*

*Power size **2** (for exterior doors): max opening force through 90° less than 29 Nm.*

FORZE DI CHIUSURA

- **5610** :
Forza **1** = 11 Nm.
Per porte max.
mm.750 x 2100
- **5620** :
Forza **2** = 16 Nm.
Per porte max.
mm.850 x 2300
- **5630** :
Forza **3** = 22 Nm.
Per porte max.
mm.950 x 2300



CLOSING POWER SIZES

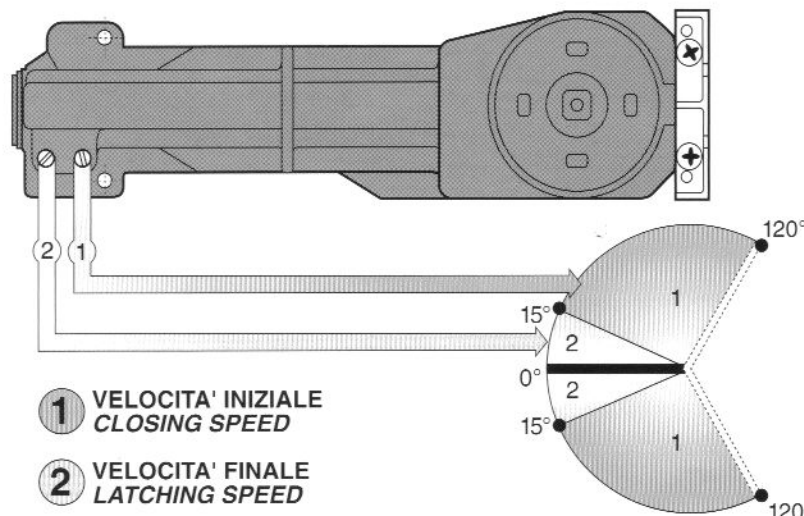
- **5610** :
Size **1** = 11 Nm.
For doors max.
mm.750 x 2100
- **5620** :
Size **2** = 16 Nm.
For doors max.
mm.850 x 2300
- **5630** :
Size **3** = 22 Nm.
For doors max.
mm.950 x 2300

REGOLAZIONE VELOCITÀ DI CHIUSURA E SCATTO FINALE

L'uso di un olio termostabile rende episodica la necessità di regolazione.

Valvola 1:
regola la velocità di chiusura da 120° a 15° circa.

Valvola 2 :
regola la velocità di chiusura da 15° a 0°.



1 VELOCITA' INIZIALE CLOSING SPEED

2 VELOCITA' FINALE LATCHING SPEED

ADJUSTMENT OF SPEED AND FINAL LATCH

The use of a special formula hydraulic fluid makes speed adjustments rarely needed.

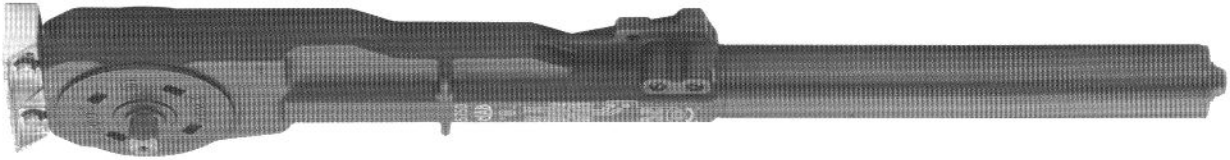
Valve 1:
controls closing speed from 120° to approx. 15°.

Valve 2 :
controls latching speed from 15° to 0°.

**CHIUDIPIORTA NASCOSTO
NELL'ARCHITRAVE
A POTENZA REGOLABILE
PER PORTE A
ROTAZIONE ASSIALE**

5750

**OVERHEAD CONCEALED
CLOSER WITH
ADJUSTABLE SPRING
POWER FOR
CENTRE HUNG DOORS**



CARATTERISTICHE:

- Corpo in ghisa.
- Meccanismo ad alta efficienza, in acciaio temprato.
- Forza minima a bassa coppia d'apertura.
- Due velocità di chiusura controllate da valvole indipendenti.
- Potente scatto finale totalmente modulabile.
- Forza di chiusura regolabile **2 - 5 EN / ANSI**.
- Intercambiabile con MAB 5600.
- Disponibile con fermaporta a 90°, 105° e senza fermaporta.
- Perno standard di altezza mm. 16. A richiesta mm.21.

FEATURES:

- High grade cast iron body.
- High efficiency, hardened steel mechanism
- Minimum power setting meets **ADA ext. requirements**.
- Two independent, non-critical closing speed valves.
- Fully adjustable final latch.
- Closing power adjustable size **2 - 5 EN / ANSI**.
- Totally interchangeable with MAB 5600.
- Available with hold open at 90°, 105° or no hold open.
- Standard spindle height 16 mm. Optional 21 mm.

SPECIFICA PER CAPITOLATI:

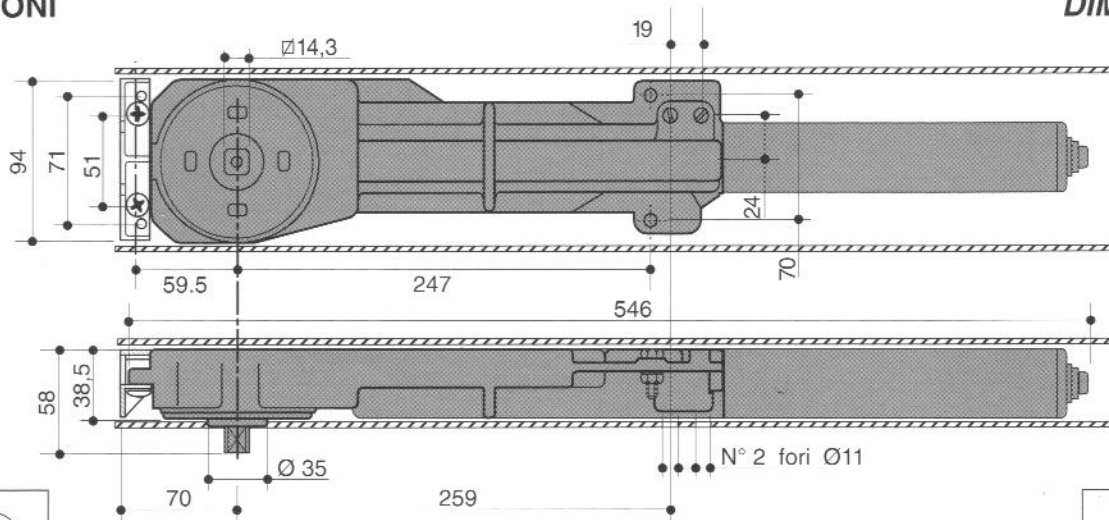
chiudiporta nascosto nell'architrave, a potenza variabile in continuo EN 2-5, a bassa coppia d'apertura, MAB 5750.

SPECIFICATION:

overhead concealed closer, with adjustable power EN 2-5, with low opening force, MAB 5750.

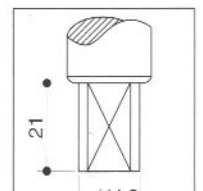
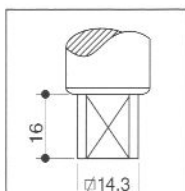
DIMENSIONI

DIMENSIONS



Standard

Optional



CARATTERISTICHE SPECIFICHE

SPECIFIC FEATURES

La forza di chiusura regolabile lo rende un chiudiporta universale. Un solo articolo adatto ad una vasta tipologia di dimensioni di porte:

- **FACILITA** la compilazione delle specifiche.
- **AIUTA** a ridurre lo stock.
- **PERMETTE** una completa personalizzazione delle forze di chiusura o apertura.
- **RISOLVE** problemi contingenti post-montaggio.

Regolati in **Forza minima** (Forza 2), i chiudiporta di questa serie permettono l'apertura delle porte con una spinta di basso valore da 0° a 90°, rendendo le porte più adatte ai disabili in conformità con le norme **ADA (USA) per porte esterne**.

Forza 2 :

Spinta max. in apertura fino a 90° inferiore a 29 Nm.

The adjustable power makes it a universal closer. One model suitable for a large variety of door sizes and variable field conditions:

- **SIMPLIFIES** specifications.
- **REDUCES** stock requirements.
- **ALLOWS** a totally customized opening or closing force.
- **MINIMIZES** on-site problems.

Adjusted to **minimum power** (size 2), the door closers of this series allow a low effort door opening from 0° to 90° in compliance with **ADA (USA) requirements for exterior doors**.

Power size 2:

Max opening force through 90° less than 29 Nm.

FORZA DI CHIUSURA

- Forza minima = 16 Nm
- Forza massima = 38 Nm

Adatto per porte:

- Da mm. 750 x 2100.
- Fino a max. mm. 1250 x 2500.

REGOLAZIONE FORZA DI CHIUSURA

I chiudiporta vengono consegnati in forza minima (Forza 2).

Girando in senso orario la vite di regolazione (3) si aumenta la forza di chiusura. Girando in senso antiorario, la si diminuisce.

La tabella seguente, puramente indicativa, permette di individuare prima del montaggio la forza di chiusura eventualmente necessaria.

Forza minima = **Forza 2**

Forza min. + 16 giri = **Forza 3**

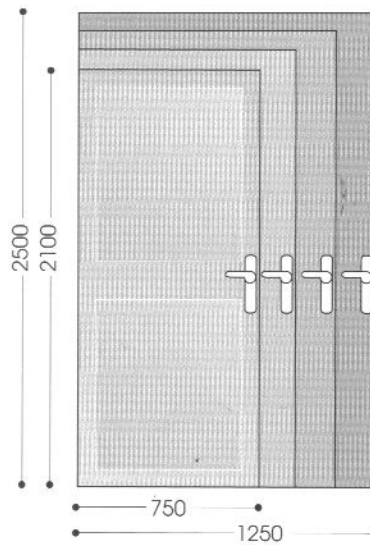
Forza min. + 22 giri = **Forza 4**

Forza min. + 31 giri = **Forza 5**

REGOLAZIONE VELOCITÀ DI CHIUSURA E SCATTO FINALE

Valvola 1: regola la velocità di chiusura da 120° a 15° circa.

Valvola 2: regola la velocità di chiusura da 15° a 0°.



CLOSING FORCE

- Min. spring power = 16 Nm
- Max. spring power = 38 Nm

For doors:

- From min. 750 x 2100 mm.
- To max. 1250 x 2500 mm.

SPRING POWER ADJUSTMENT

The closers are delivered at min. power setting (size 2).

Turning the power adjuster (3) clockwise, the closing force increases.

Turning counter clockwise, the force decreases.

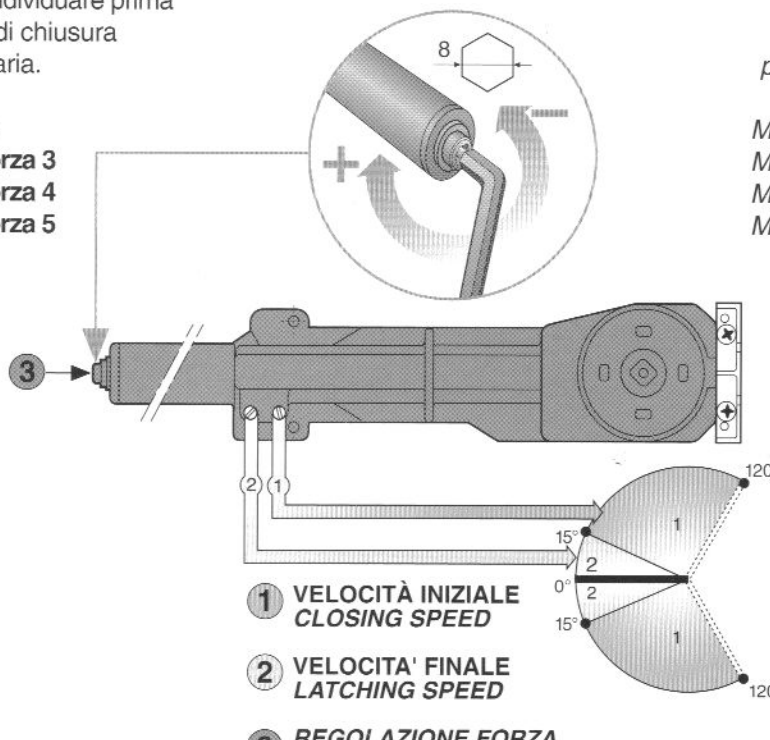
The chart below gives an approximate indication on how to get the desired closing power size prior to the mounting.

Min. power = **Size 2**

Min. power + 16 full turns = **Size 3**

Min. power + 22 full turns = **Size 4**

Min. power + 31 full turns = **Size 5**



ADJUSTMENT OF CLOSING AND LATCHING SPEEDS

Valve 1: Controls closing speed from 120° to approx. 15°.

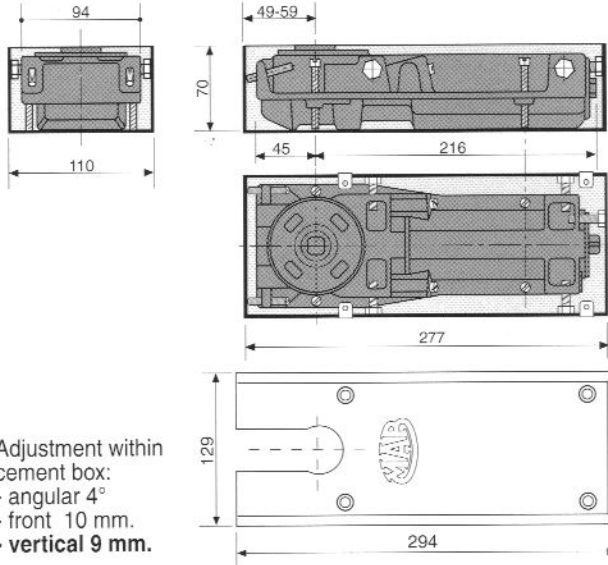
Valve 2: Controls latching speed from 15° to 0°.

Ref.

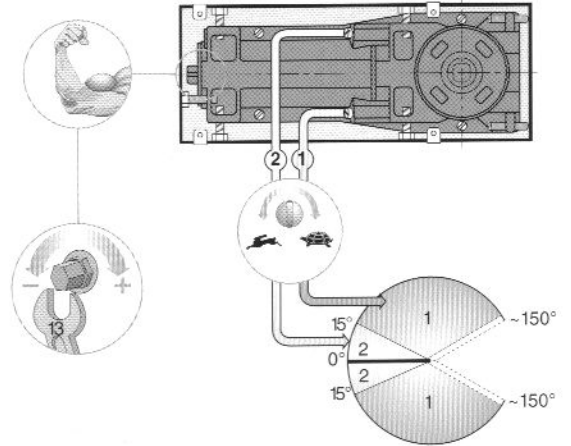
Dimensions

Speeds & force adjustments

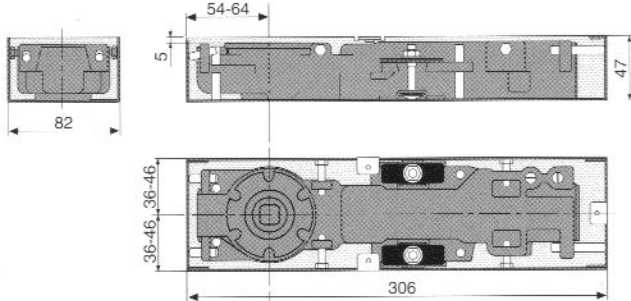
7410



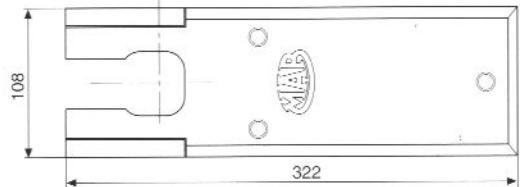
Adjustment within cement box:
 - angular 4°
 - front 10 mm.
 - vertical 9 mm.



4220

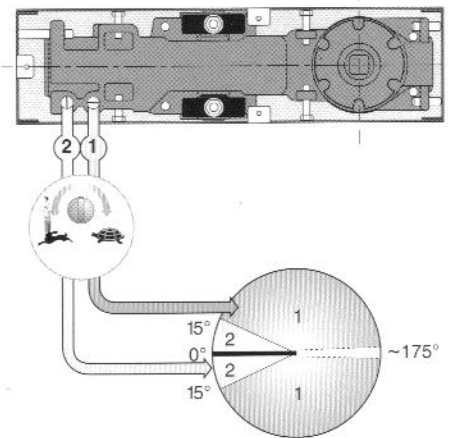


4230

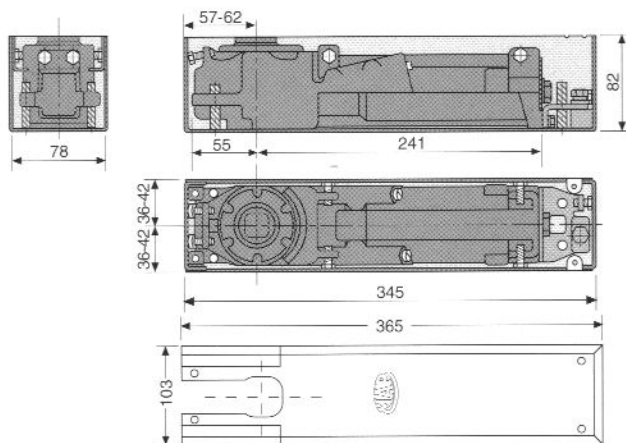


4240

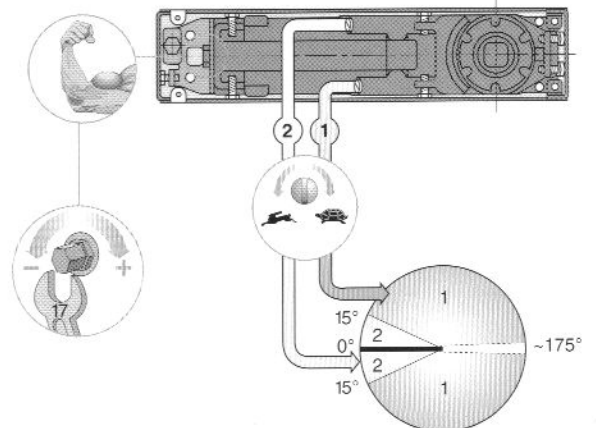
Adjustment within cement box:
 - side 10 mm.
 - front 10 mm.
 - vertical 5 mm.



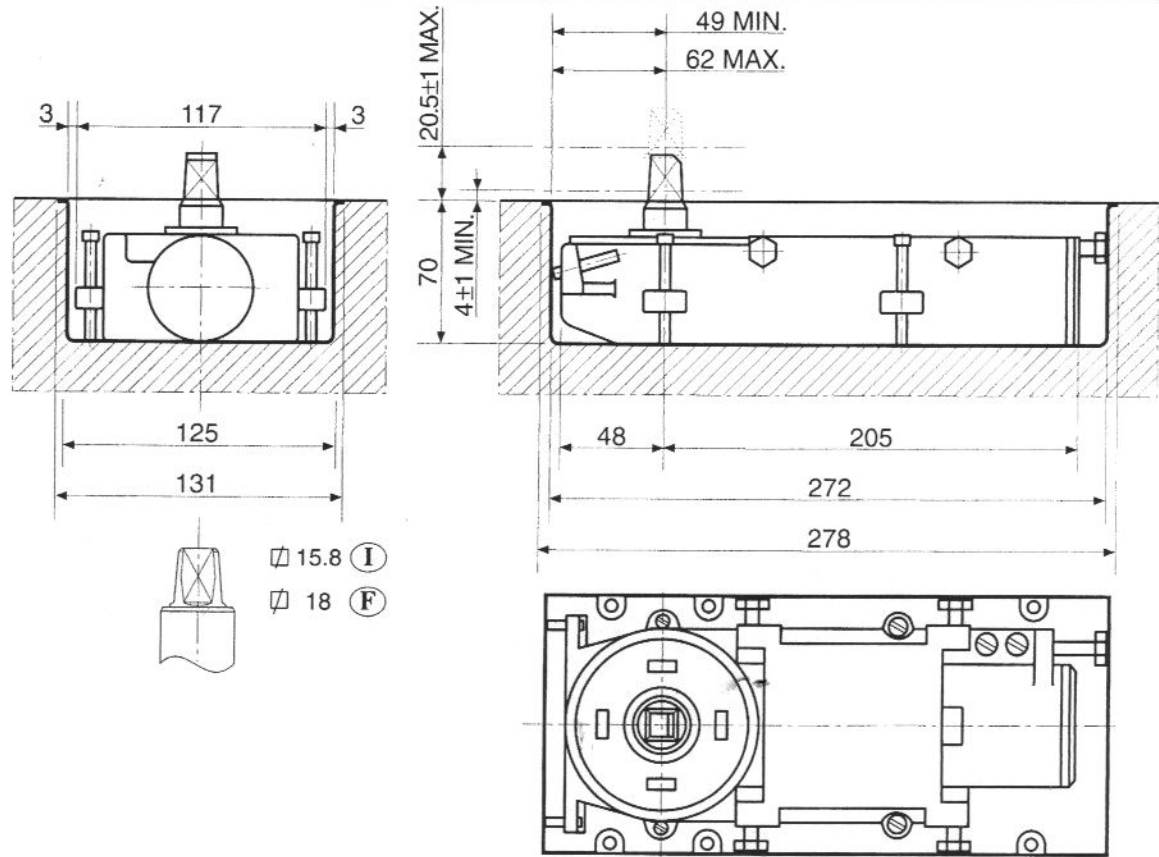
750



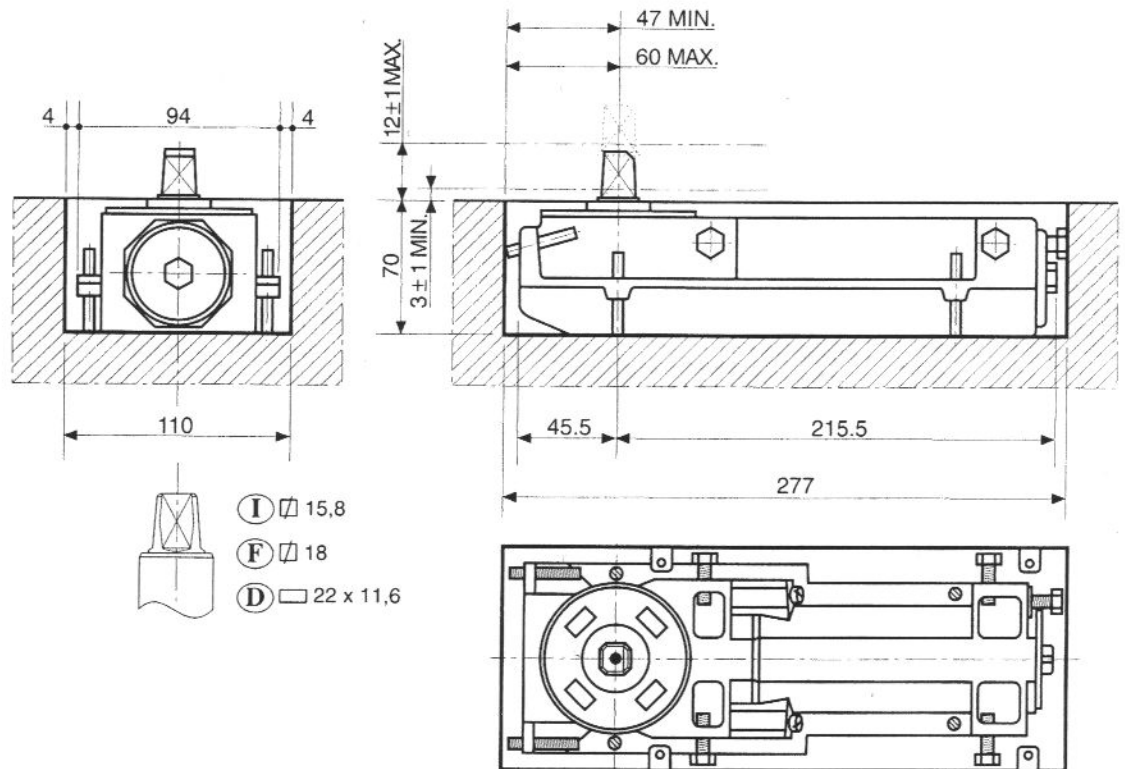
Adjustment within cement box:
 - side 6 mm.
 - front 5 mm.



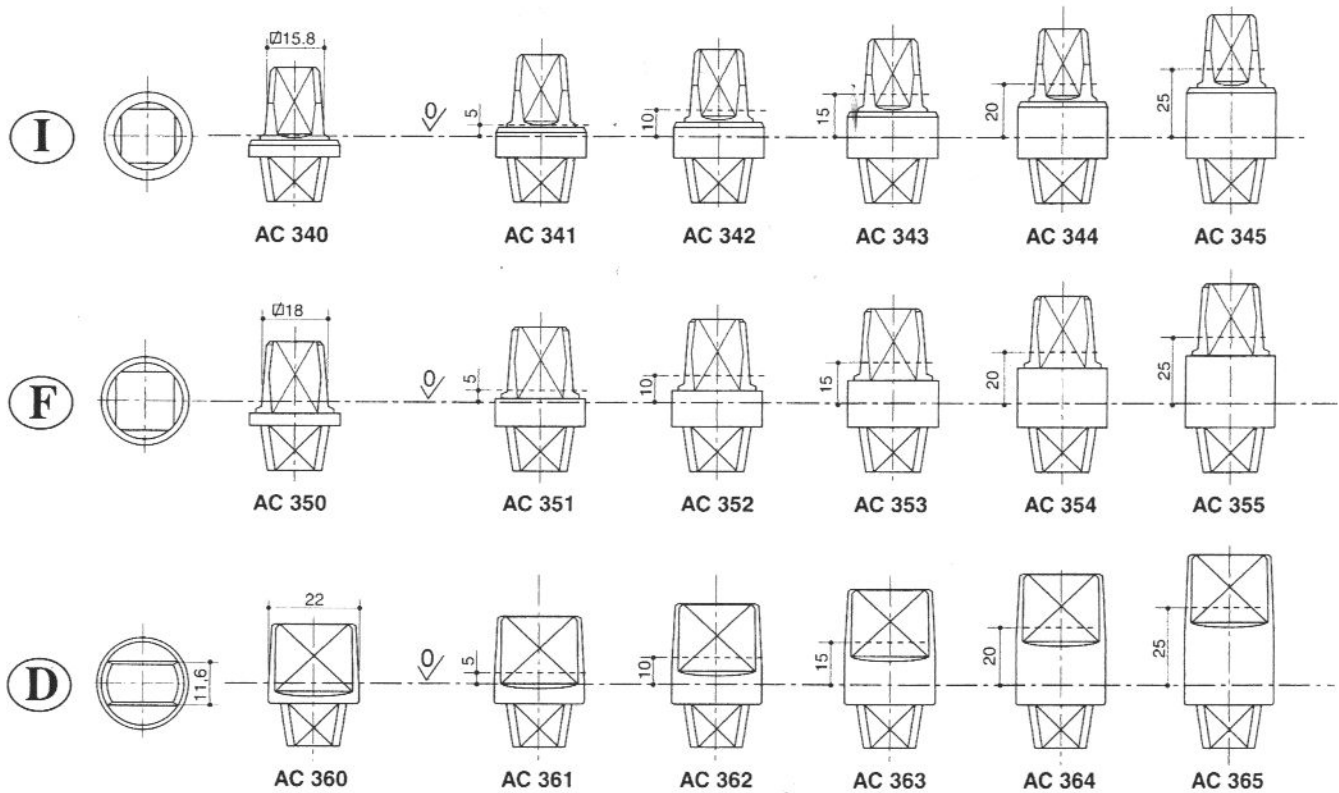
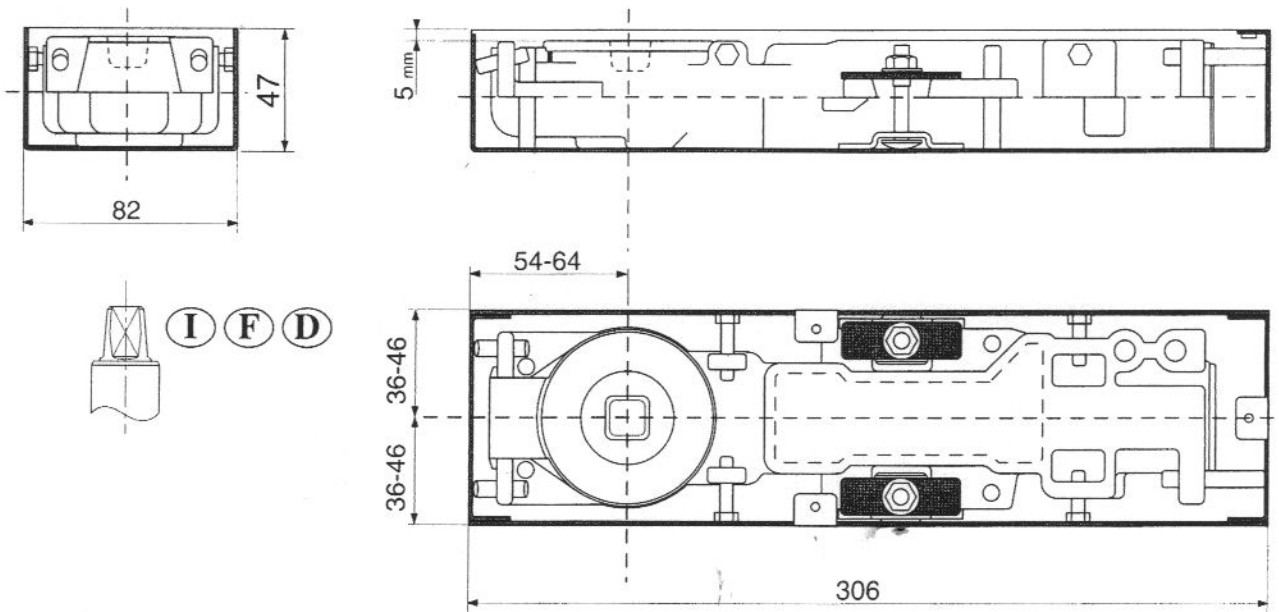
7300



7310 - 7410



4200

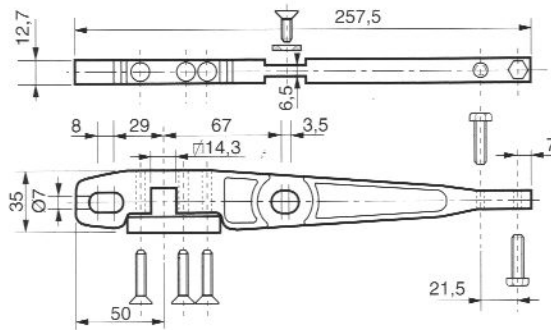


**ACCESSORI PER PORTE
DI LEGNO O METALLO**

**ACCESSORIES FOR TIMBER
OR METAL DOORS**

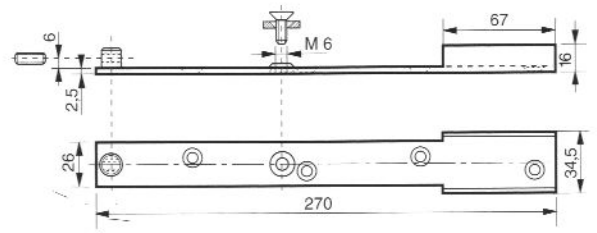
AC 48

Braccio per montaggio laterale.
Side load top arm.



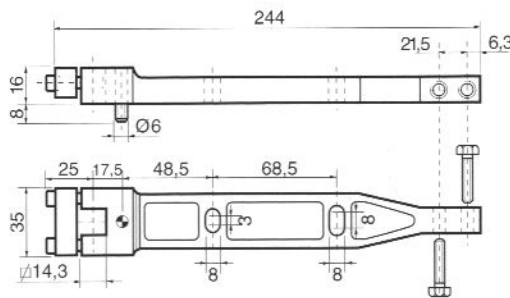
AC 140

Piastra di rinforzo per AC 48 e per AC 31.
Reinforce plate for AC 48 and for AC 31.



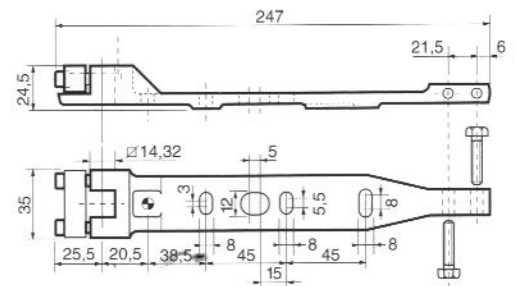
AC 98

Braccio per montaggio posteriore.
Back load top arm.



AC 31

Braccio per montaggio posteriore.
Back load top arm.

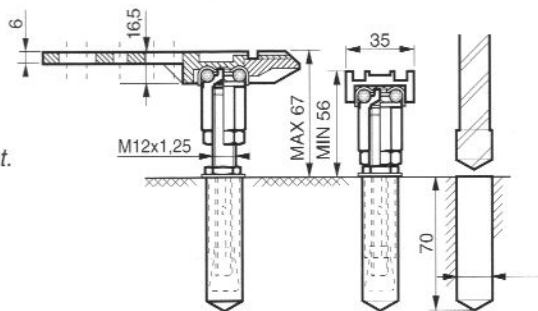


AC 252

Perno inferiore regolabile.
Adjustable bottom pivot.

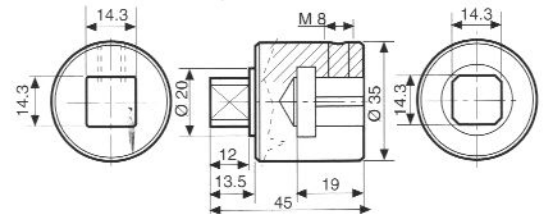


Max. 120



AC 242

Prolunga perno.
Spindle extension.

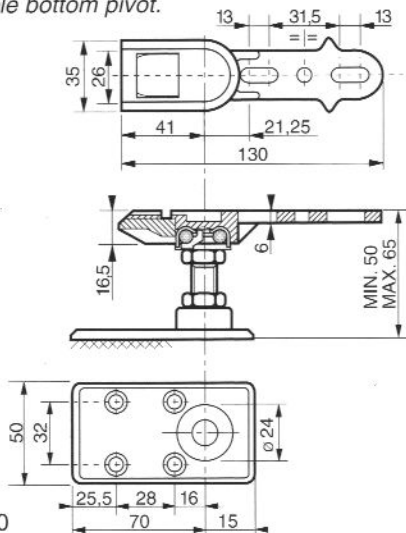


AC 39

Perno inferiore regolabile.
Adjustable bottom pivot.



Max. 120

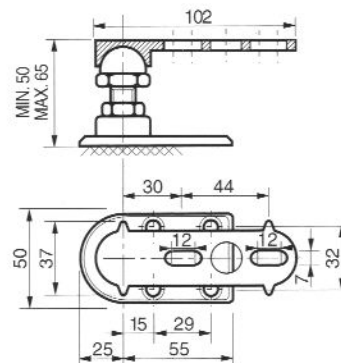


AC 27

Perno inferiore regolabile.
Adjustable bottom pivot.



Max. 80

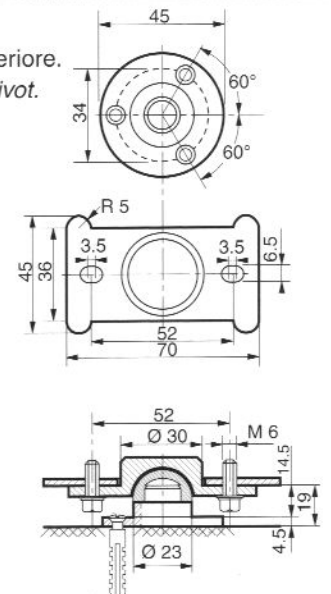


AC 19

Perno inferiore.
Bottom pivot.



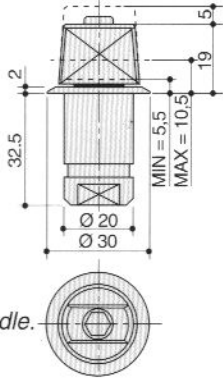
Max. 80



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ACCESSORIES

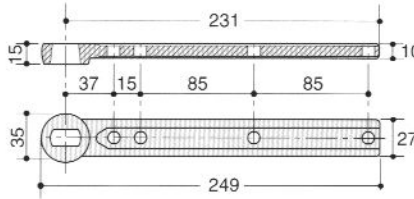
AC 299



Floor pivot.
Rectangular
German spindle.

Max. 120

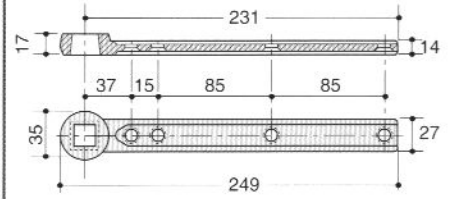
AC 298



Bottom arm in steel for double
action doors.
Rectangular **German** spindle.

Max. 300

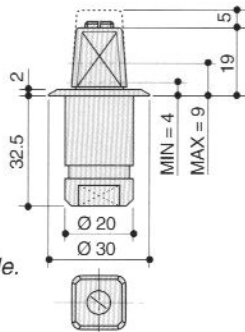
AC 297



Bottom arm in steel for double
action doors.
Square **Italian** spindle.

Max. 300

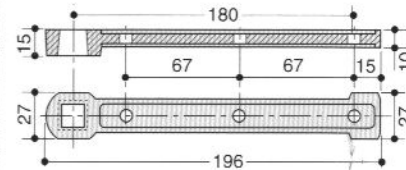
AC 246



Floor pivot.
Square
Italian spindle.

Max. 120

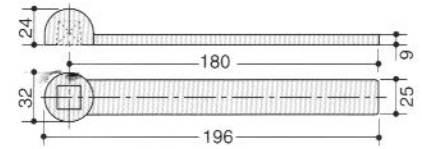
AC 213



Bottom arm in steel for double action
doors. Square **Italian** spindle.

Max. 170

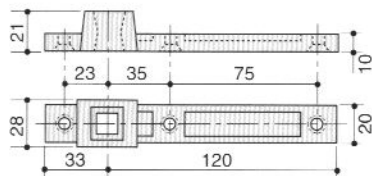
AC 2



Bottom arm in brass for double action
doors. Square **Italian** spindle.

Max. 100

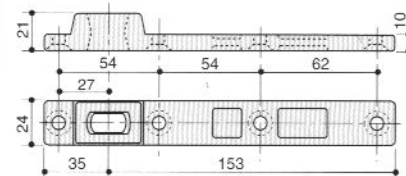
AC 115



Reversible bottom arm in steel for
double action doors.
Square **Italian** spindle.

Max. 300

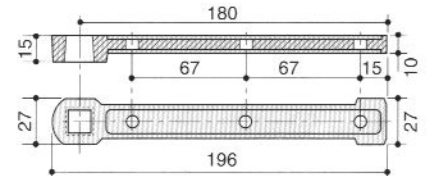
AC 393



Reversible bottom arm in steel for
double action doors. Rectangular
German spindle.

Max. 300

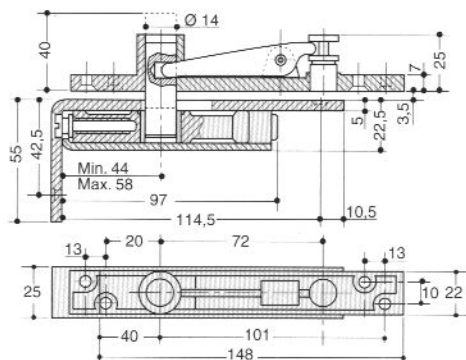
AC 214



Bottom arm in steel for double action
doors. Square **French** spindle.

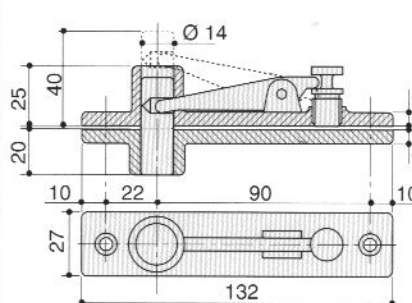
Max. 170

AC 118



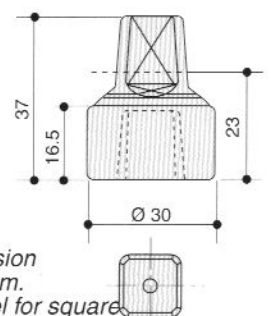
Double acting top pivot.

AC 8



Double acting top pivot.

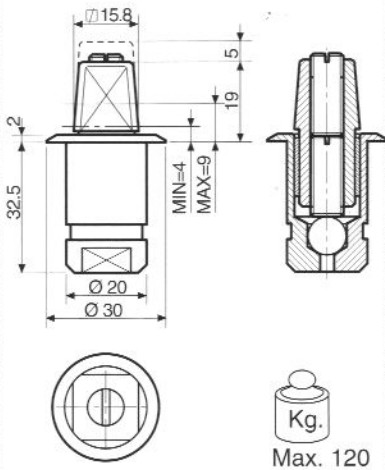
AC 261



Extension
+23 mm.
in steel for square
Italian spindle.

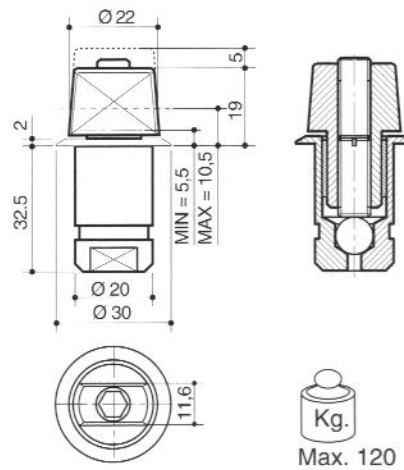
AC 246

Piletta a murare regolabile, perno quadro italiano.
Adjustable floor pivot, square Italian spindle.



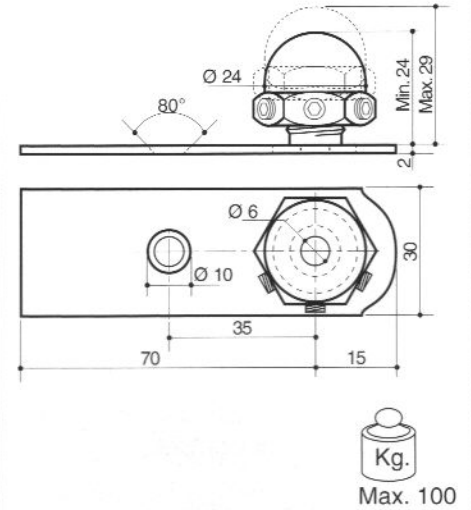
AC 299

Piletta a murare regolabile, perno rettangolare tedesco.
Adjustable floor pivot, rectangular German spindle.



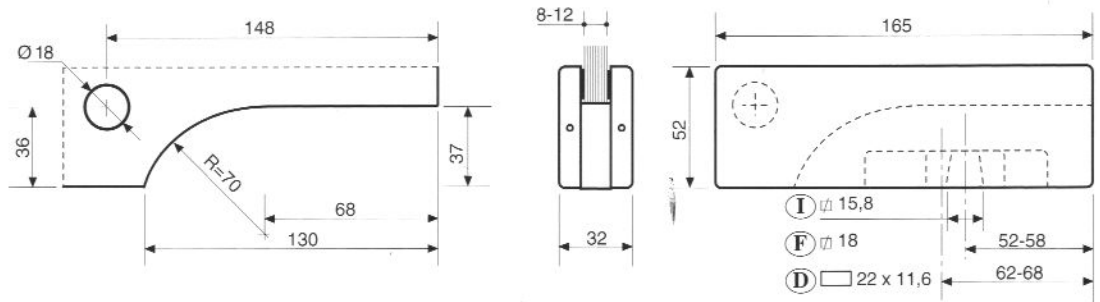
V 311

Perno semisferico regolabile per V 536.
Adjustable dome floor pivot for V 536.



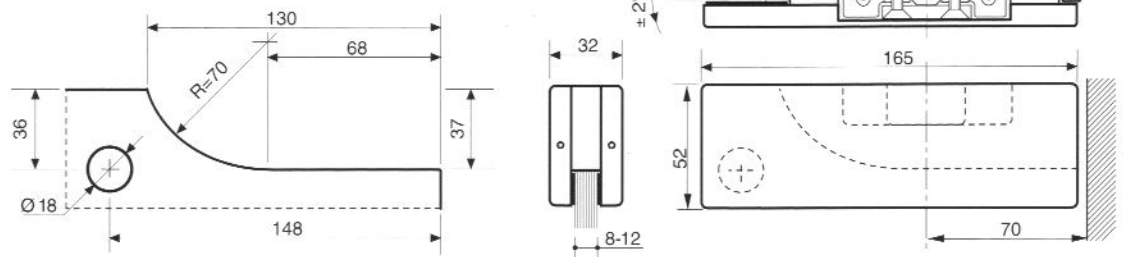
V 500

Cerniera inferiore regolabile.
Adjustable bottom hinge.



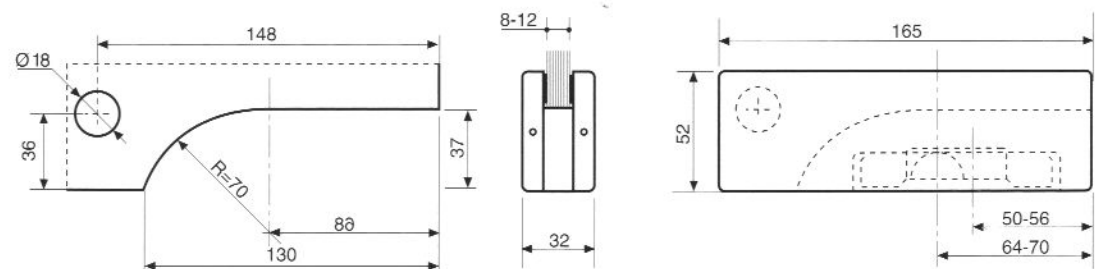
V 535

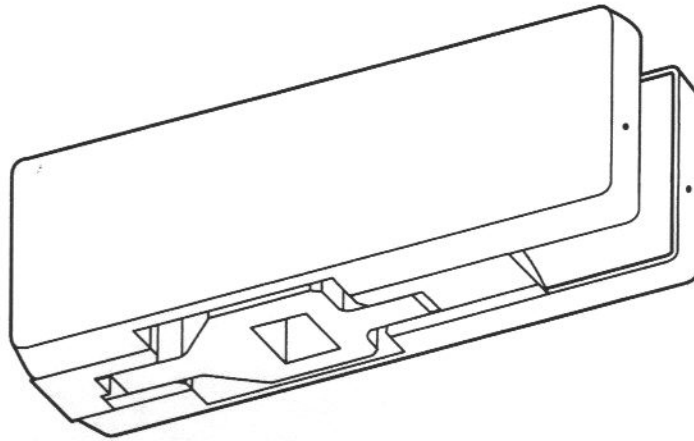
Cerniera superiore con regolazione angolare.
Top hinge with angular adjustment.



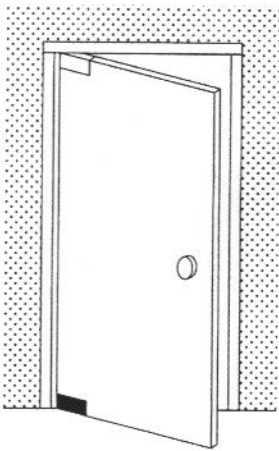
V 536

Cerniera inferiore per perno semisferico V 311.
Bottom hinge for dome floor pivot V 311.





V 500

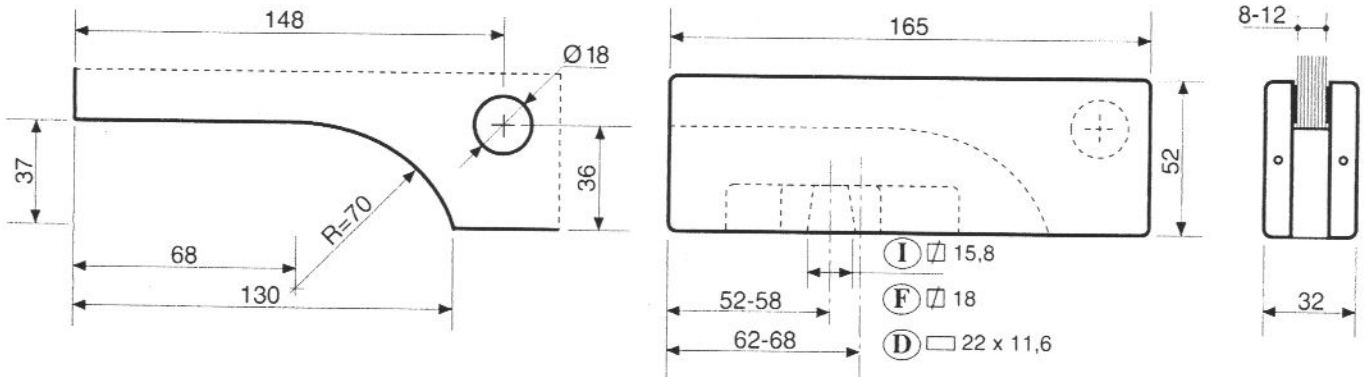


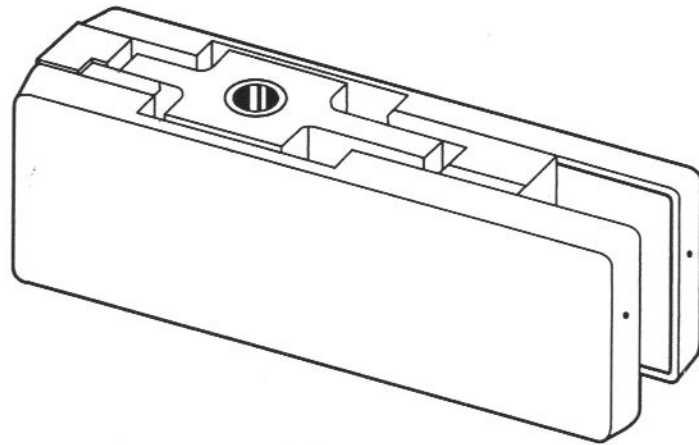
CERNIERA INFERIORE PER PORTE A DOPPIA AZIONE.

BOTTOM HINGE FOR CENTRE-HUNG DOORS.

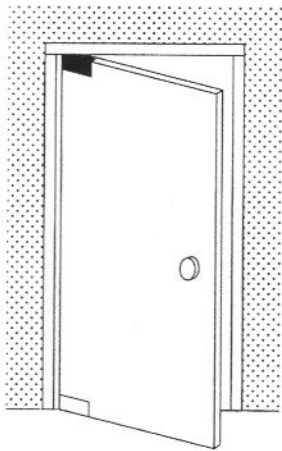
PENTURE BASSE POUR PORTES A DOUBLE ACTION.

BISAGRA INFERIOR PARA PUERTAS DE VAIVEN.





V 501

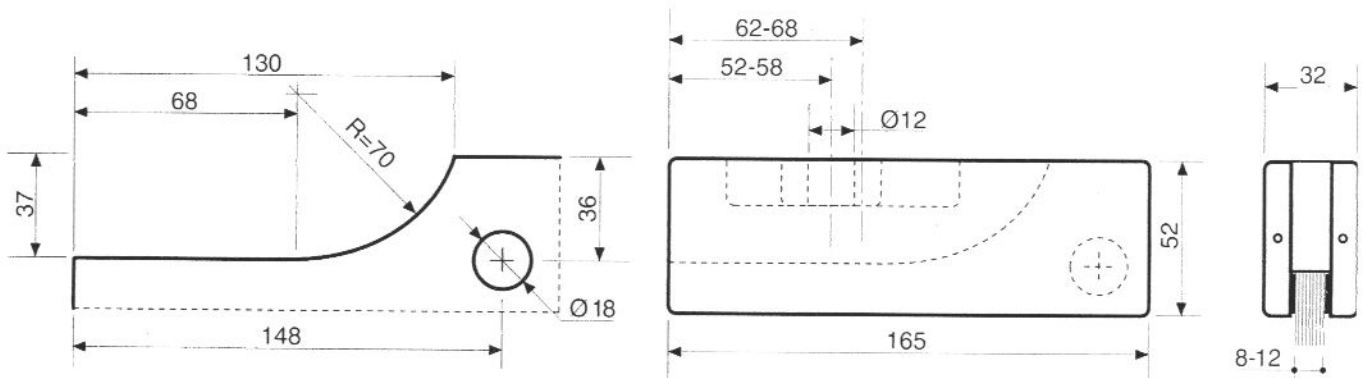


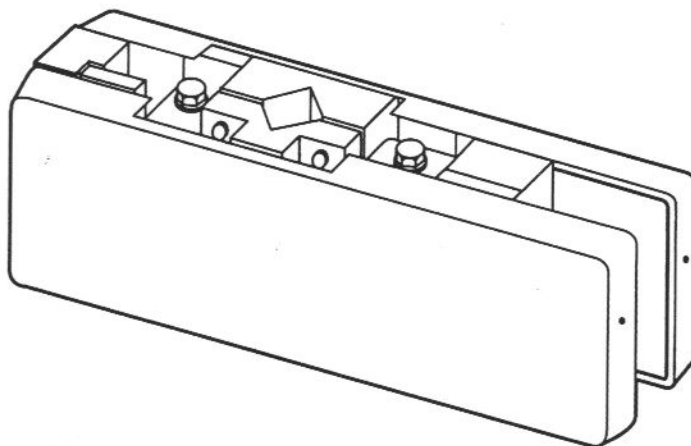
CERNIERA SUPERIORE PER PORTE A DOPPIA AZIONE.

TOP HINGE FOR CENTRE-HUNG DOORS.

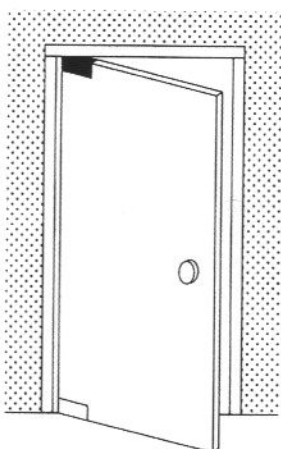
PENTURE HAUTE POUR PORTES A DOUBLE ACTION.

BISAGRA SUPERIOR PARA PUERTAS DE VAIVEN.





V 534

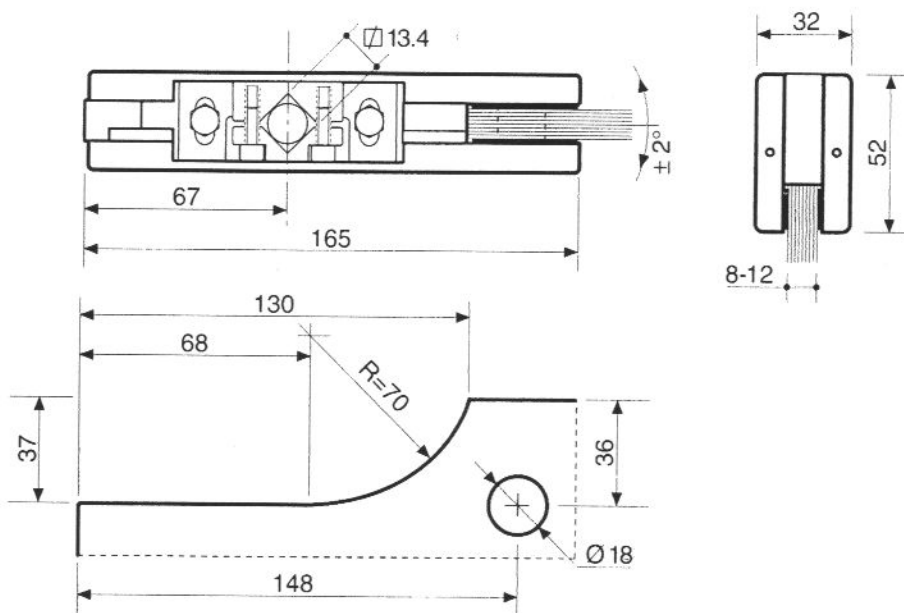


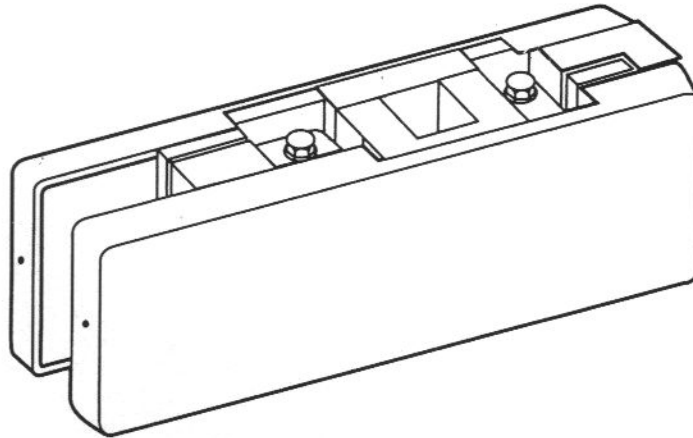
CERNIERA SUPERIORE PER PORTE DOPPIA AZIONE CON CHIUDIPORTA NASCOSTO IN ALTO SERIE 5850.

TOP HINGE FOR CENTRE - HUNG DOORS EQUIPPED WITH TRANSOM CLOSERS SERIES 5850.

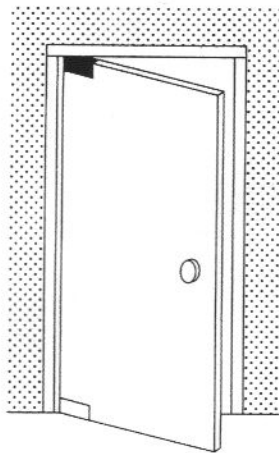
PENTURE HAUTE POUR PORTES A DOUBLE ACTION AVEC FERMEPORTE ENCASTRE EN HAUT SERIE 5850.

BISAGRA SUPERIOR PARA PUERTAS DE VAIVEN CON CIERRAPUERTAS ALOJADOS EN EL MARCO SERIE 5850.





V 535

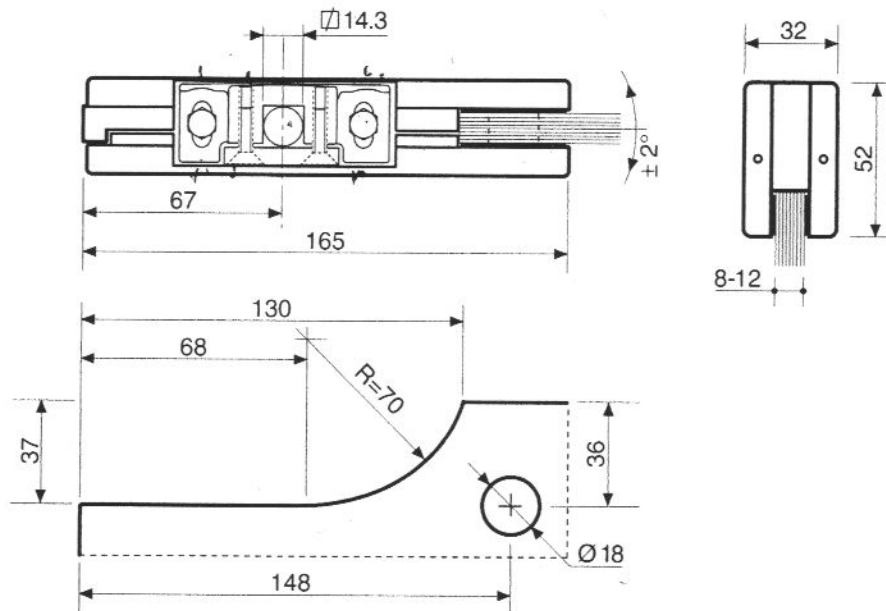


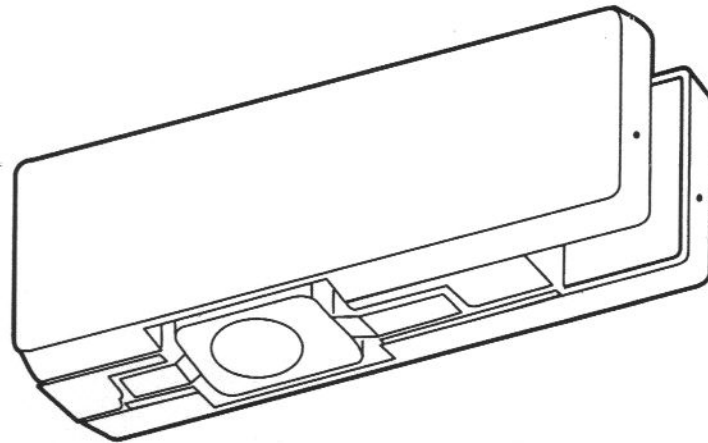
CERNIERA SUPERIORE PER PORTE DOPPIA AZIONE CON CHIUDIPIORTA NASCOSTO IN ALTO SERIE 5600 - 5750.

TOP HINGE FOR CENTRE - HUNG DOORS EQUIPPED WITH TRANSOM CLOSERS SERIES 5600 - 5750.

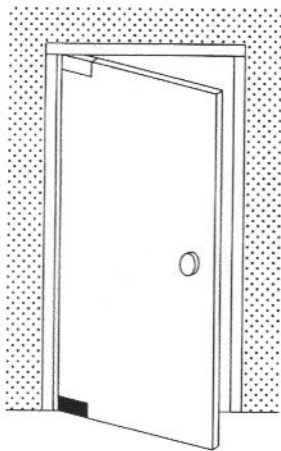
PENTURE HAUTE POUR PORTES A DOUBLE ACTION AVEC FERMEPORTE ENCASTRE EN HAUT SERIE 5600 - 5750.

BISAGRA SUPERIOR PARA PUERTAS DE VAIVEN CON CIERRAPUERTAS ALOJADOS EN EL MARCO SERIE 5600 - 5750.





V 536

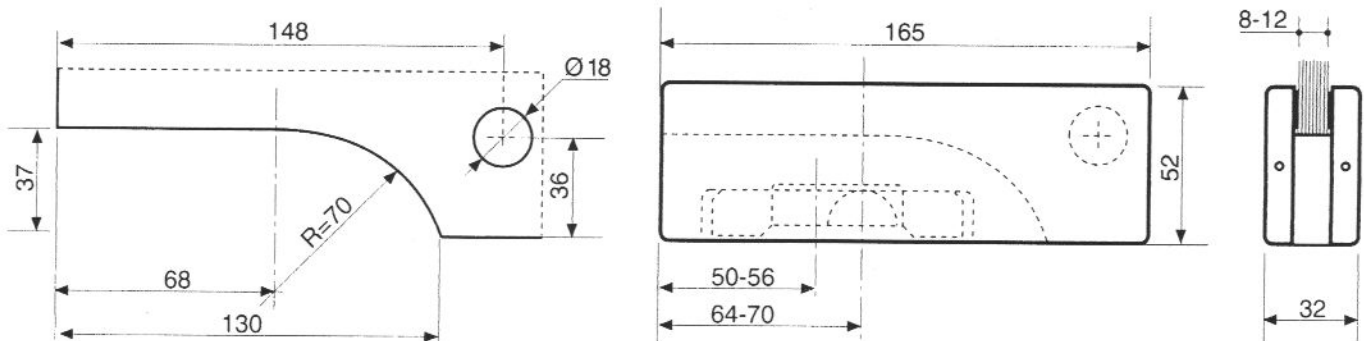


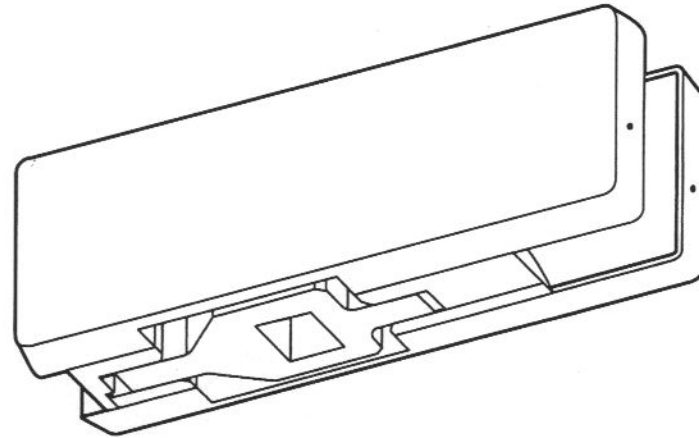
**CERNIERA INFERIORE A DOPPIA AZIONE PER
PERNO SEMISFERICO INFERIORE V311**

BOTTOM HINGE FOR DOME FLOOR PIVOT V311

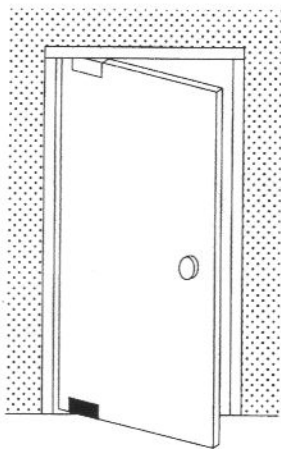
PENTURE BASSE POUR PIVOT COUPOLE V311

BISAGRA INFERIOR PARA PERNIO V311





V 200

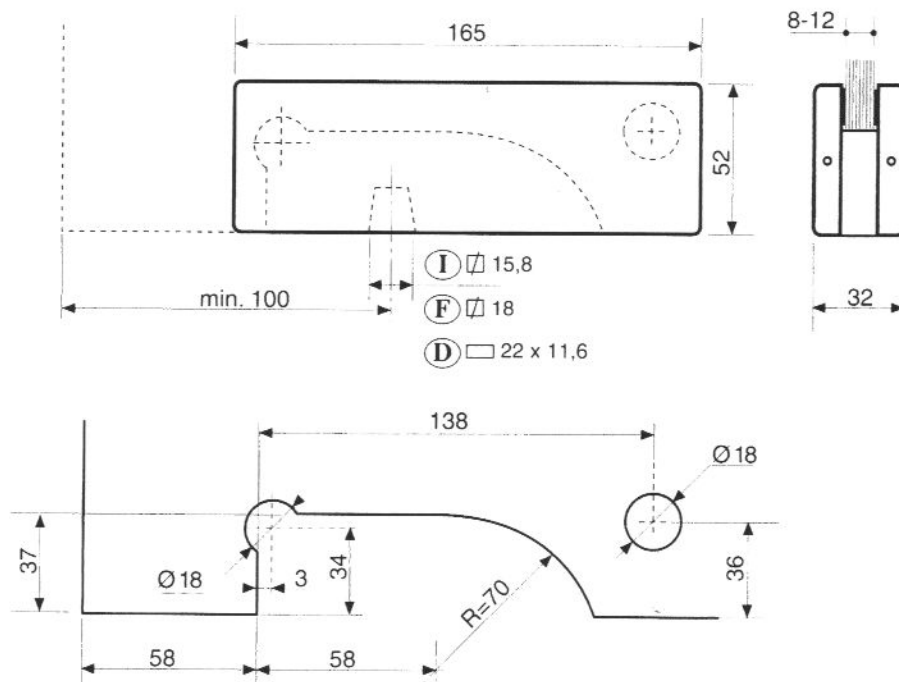


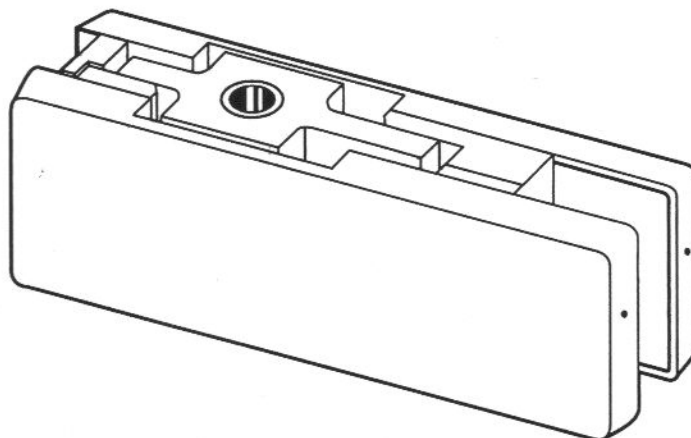
CERNIERA INFERIORE PER PORTE A DOPPIA AZIONE CON PUNTO DI ROTAZIONE VARIABILE MIN. 100 MM.

BOTTOM HINGE FOR DOUBLE ACTION DOORS WITH VARIABLE PIVOT POINT, MIN. 100 MM.

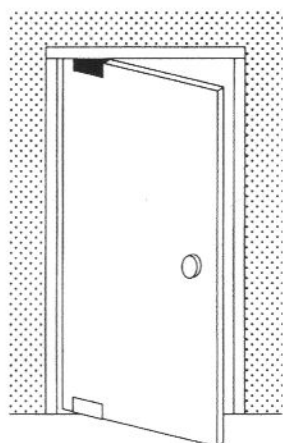
PENTURE BASSE POUR PORTES A DOUBLE ACTION A ROTATION DEPLACEE VARIABLE MIN. 100 MM.

BISAGRA INFERIOR PARA PUERTAS DE VAIVEN CON PUNTO DE GIRO MIN. 100 MM.





V 201



CERNIERA SUPERIORE PER PORTE A DOPPIA AZIONE CON PUNTO DI ROTAZIONE VARIABILE MIN. 100 MM.

TOP HINGE FOR DOUBLE ACTION DOORS WITH VARIABLE PIVOT POINT MIN. 100 MM.

PENTURE HAUTE POUR PORTES A DOUBLE ACTION A ROTATION DEPLACÉE VARIABLE MIN. 100 MM.

BISAGRA SUPERIOR PARA PUERTAS DE VAIVEN CON PUNTO DE GIRO MIN. 100 MM.

