



# 2.3

# Serie 6500

[Link to](#)

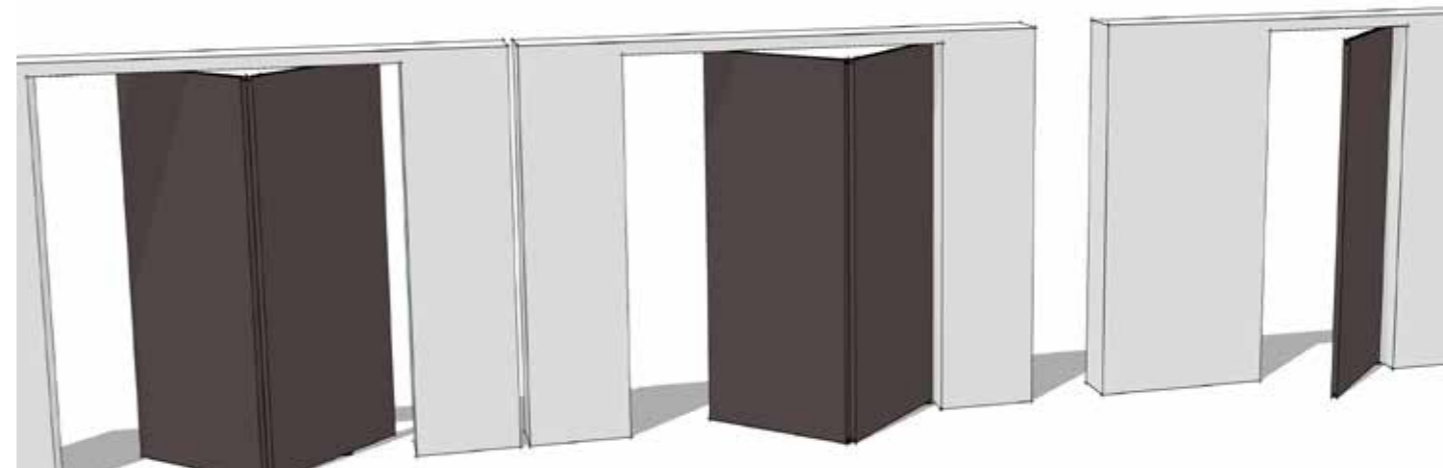
Serie 2200



Sistema a bilico e pieghevole per porte di grandi dimensioni,  
con apertura ambidestra e bifacciale

*Pivoting and folding system for large doors,  
with ambidextrous and double-sided opening*

Porte  
Doors



# Serie 6500 PVT

Per porte a bilico  
For pivoting doors

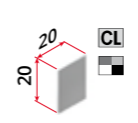


Sistema a bilico per porte di grandi dimensioni

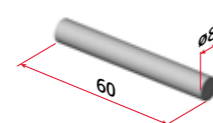
Pivoting system for large doors



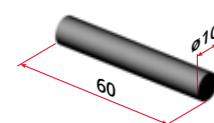
art. 2449  
per/for art. 2441  
Tappo in plastica  
Plastic cap



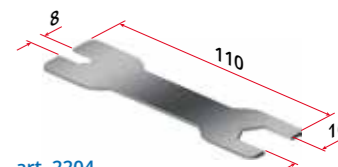
art. 6508  
per/for art. 2449  
Tappo adesivo  
Adhesive finishing cap



art. 6500/8  
Rullino ø8 mm per  
montaggio porta  
Pom ø 8 mm roller for  
door mounting



art. 6500/10  
Rullino ø10 mm per  
montaggio porta  
Pom ø 10 mm roller  
for door mounting



art. 2204  
Chiave fissa 8/16 mm  
Fix key 8/16 mm

## Informazioni tecniche | Technical informations

### Vantaggi del sistema | plus of the system

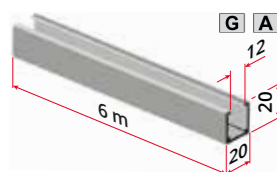
Il sistema offre numerosi vantaggi tecnici fra cui:

- Unica versione ambidestra con libertà di posizionamento dei fulcri di rotazione in fase di installazione
- Sistema applicabile sia su porte in legno che su profili di alluminio
- Basso attrito di rotazione (su sfera) che ne rende agevole l'utilizzo
- Possibilità di utilizzare un blocco di posizione opzionale a molla, per trattenere la porta in ogni posizione desiderata
- Estrema facilità di montaggio
- Compatibilità coi nostri sistemi scorrevoli che usano lo stesso profilo 2441

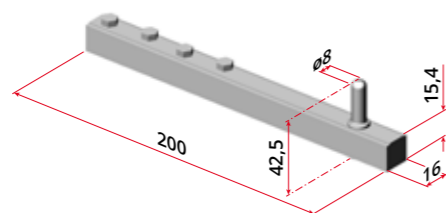
The system offers numerous technical advantages including:

- Possibility of adjusting the rotation fulcrums with unique ambidextrous version
- System applicable on both wooden doors and aluminum profile doors
- Low rotation friction (on sphere) which makes it easy to use
- Possibility of using a spring lock to hold the door in any desired position
- Extremely easy to assemble
- Compatibility with our systems sliding systems that use the same profile 2441

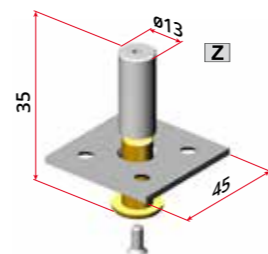
### Componenti e accessori | Components and accessories



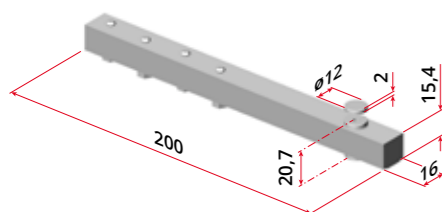
art. 2441  
Profilo in alluminio per l'inserimento delle slitte  
Aluminium profile for inserting slides



art. 6501  
per/for art. 6502 - 6505  
Slitta in alluminio con cardine superiore  
Aluminium slide with upper hinge



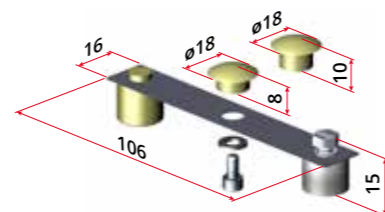
art. 6502  
per/for art. 6501 - 6507  
Piastrina e bussola per cardine e trattenitore superiore  
Plate and bush for hinge with upper holder



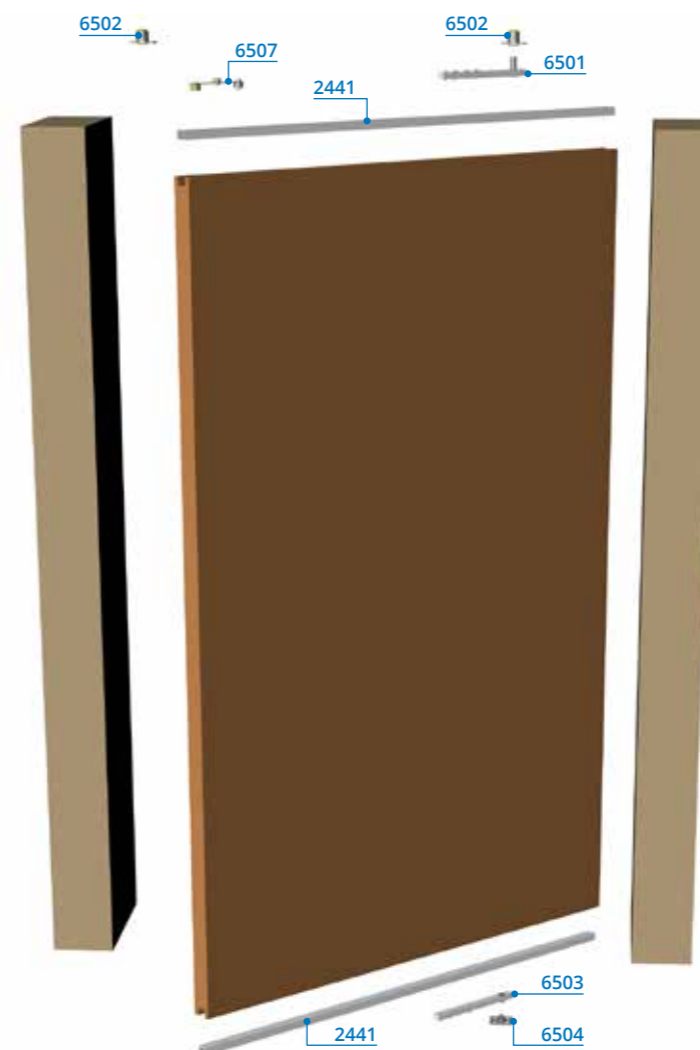
art. 6503  
per/for art. 6504  
Slitta in alluminio con bussola per cardine inferiore  
Aluminium slide with bushing for lower hinge



art. 6504  
per/for art. 6503  
Piastrina con cardine inferiore a sfera  
Plate with lower ball hinge



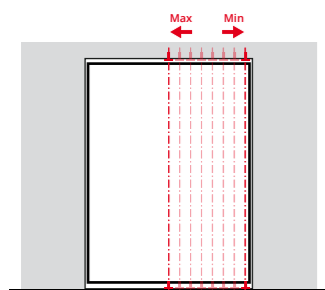
art. 6507  
per/for art. 2441 - 6502  
Trattenitore di posizione a molla  
Spring door position holder



Serie 6500

## Dimensionamento della porta e posizionamento del fulcro di rotazione

### Door sizing and positioning of the rotation fulcrum



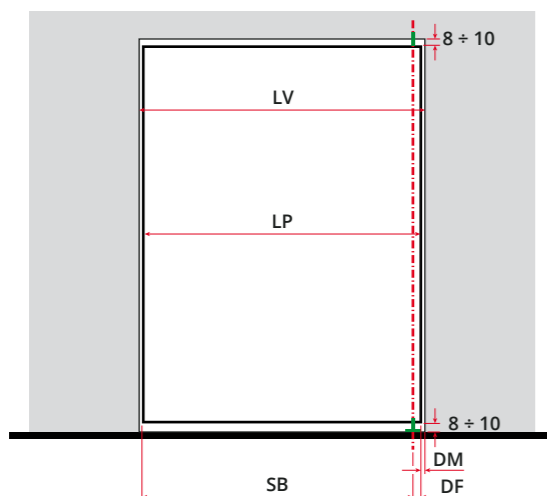
E' possibile regolare l'asse di rotazione della porta da un minimo di 25mm (A) di distanza dal muro fino ad un massimo corrispondente al centro della porta stessa (B)

It is possible to adjust the axis of rotation of the door from a minimum distance of 25 mm (A) from the wall, up to a maximum equal to the centre of the door itself (B).

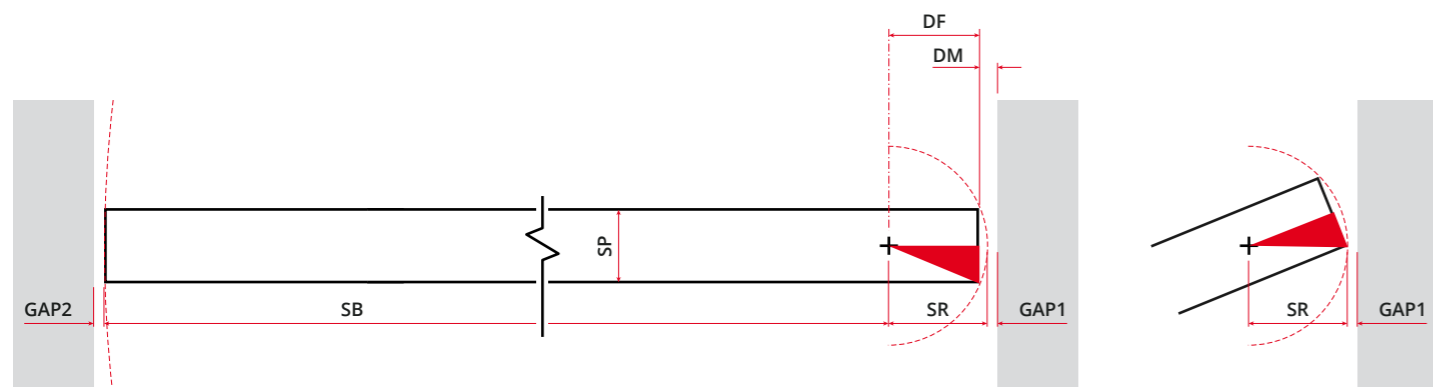


Kit compatibili  
Matching kits

6540 - 6545



- DF\*\* min = 25
- SB max = 1600
- LP = LV - DM - GAP1 - GAP2
- DM\* = SR - DF + GAP1
- SR =  $\sqrt{DF^2 + (SP/2)^2}$



#### LEGENDA

LP = Larghezza porta   Door width	DF** = Distanza fulcro   Fulcrum distance	SB = Sbalzo   Overhang
LV = Larghezza vano   Doorway width	SR = Spazio di rotazione   Rotation space	
SP = Spessore porta   Door thickness	DM* = Distanza dal muro   Distance from the wall	

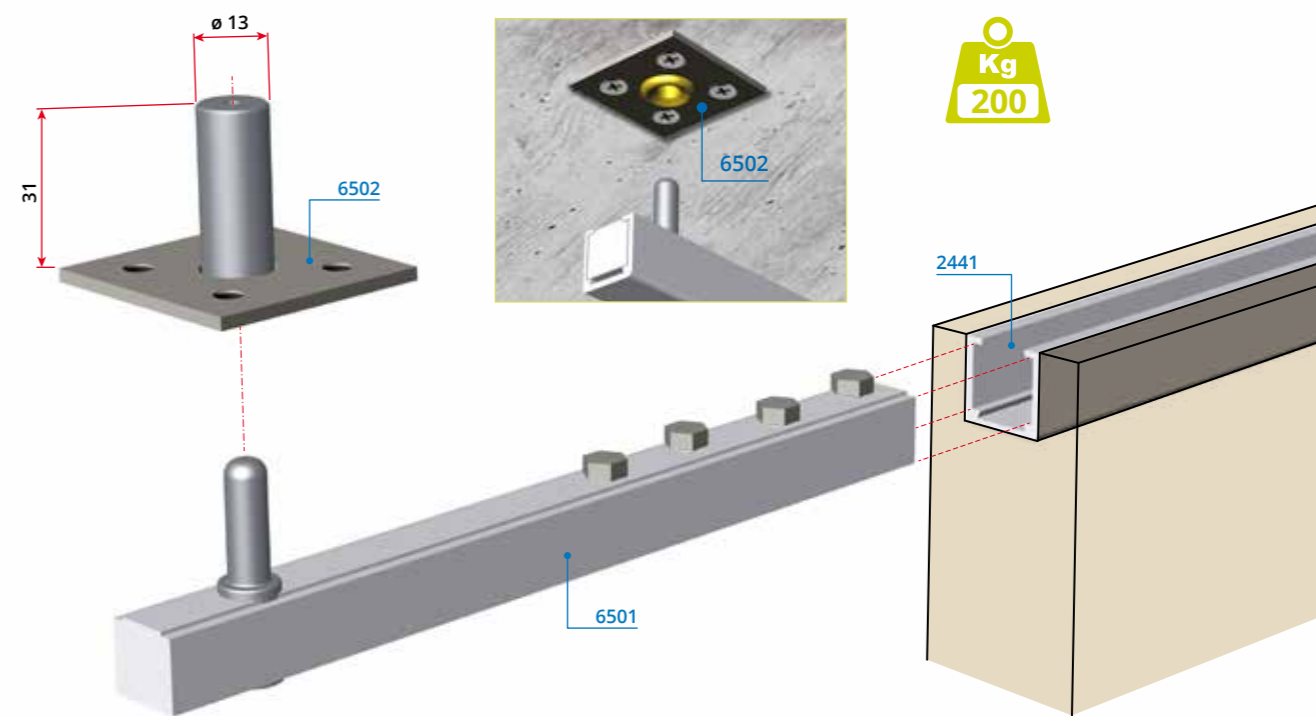
\* DM è lo spazio da lasciare fra la porta e il muro per consentire la rotazione senza interferenza. Questa quota variabile dipende dallo spessore della porta e può essere calcolata secondo la formula matematica espressa nel disegno o analizzando il relativo schema. All'aumentare della distanza del fulcro (DF) la distanza dal muro (DM) diminuisce.

\*\* Il sistema è calcolato per porte fino a 200 kg applicati nel loro baricentro. Più la porta è pesante e larga più è conveniente spostare il fulcro verso l'interno andando quindi ad aumentare la quota di DF, che ricordiamo può essere minimo di 25 mm, e massimo al centro della porta.

\* DM is the space to be left between the door and the wall to allow it to rotate. This variable dimension depends on the thickness of the door and can be calculated according to the mathematical formula expressed in the drawing or by analyzing the relative scheme. As the distance from the fulcrum (DF) increases the distance from the wall (DM) decreases.

\*\* The system is calculated for doors up to 200 kg applied in their center of gravity. The heavier and wider the door is, the more convenient it is to move the fulcrum inwards, thus increasing the height of DF, which can be a minimum of 25 mm, and maximum in the center of the door.

## Cardine superiore (art 6501 + 6502) | Top hinge (art 6501 + 6502)



### 6502

Ghiera  
Ring nut

Piastrina  
Plate

Bussola  
Bush

Vite  
Screw

### Componenti cardine superiore Top hinge components

(art 6501 + 6502)

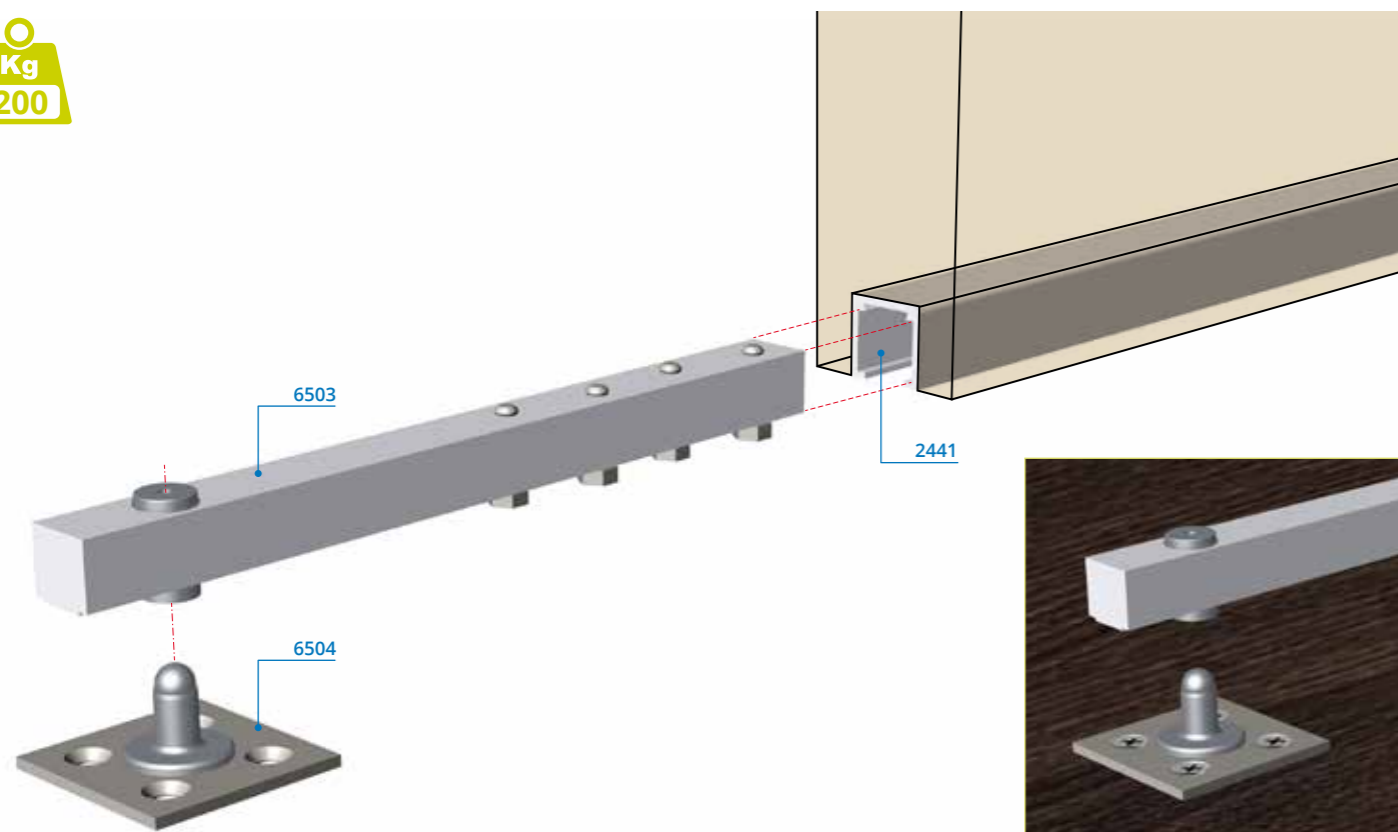
Viti  
Screws

### 6501

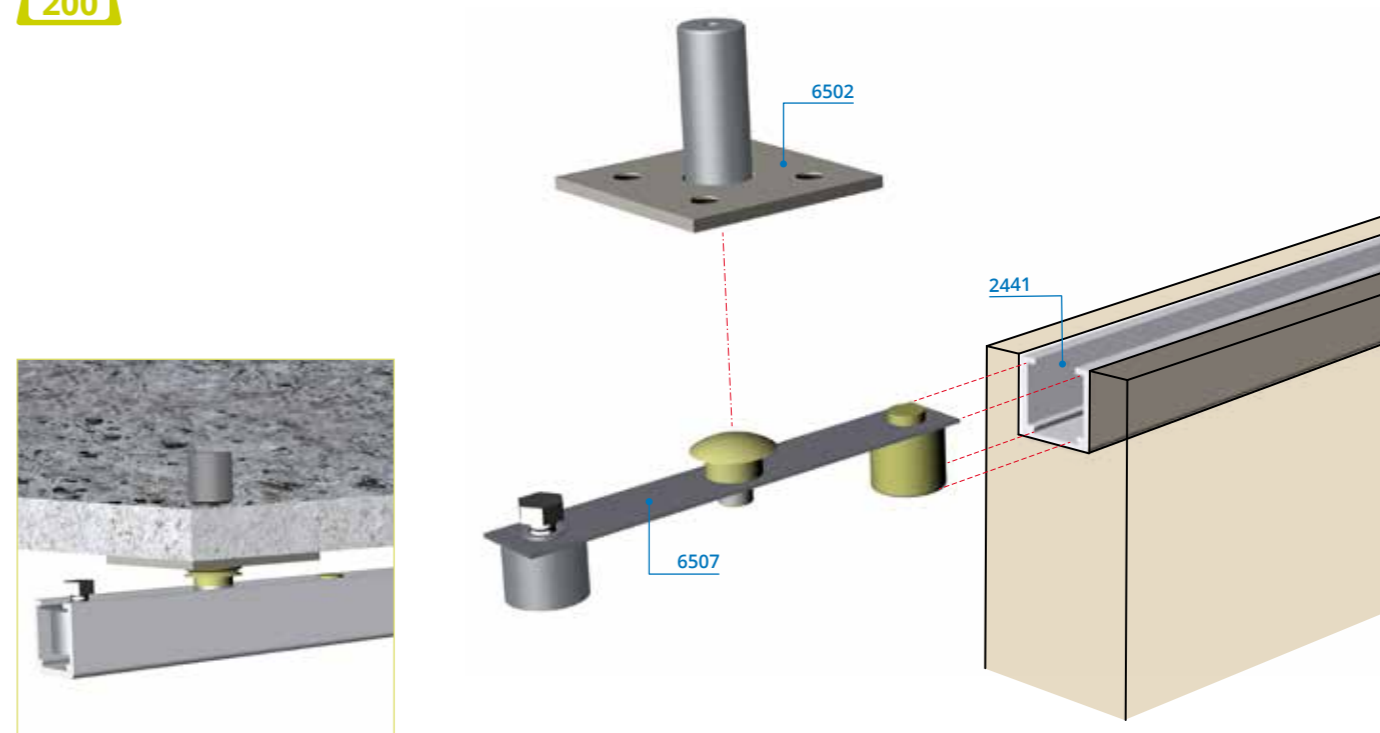
Slitta  
Slide

Perno  
Pin

Cardine inferiore (art 6503 + 6504) | Lower hinge (art 6503 + 6504)

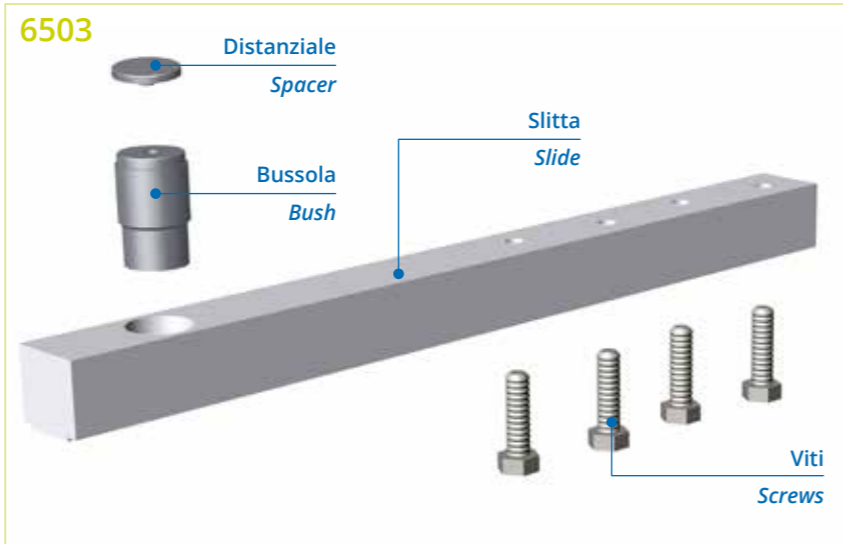


Blocco di posizione (opzionale) - Superiore e/o inferiore (Kit 6570)  
Position lock (optional) - Top and / or bottom (Kit 6570)



Componenti cardine inferiore  
Lower hinge components

(art 6503 + 6504)

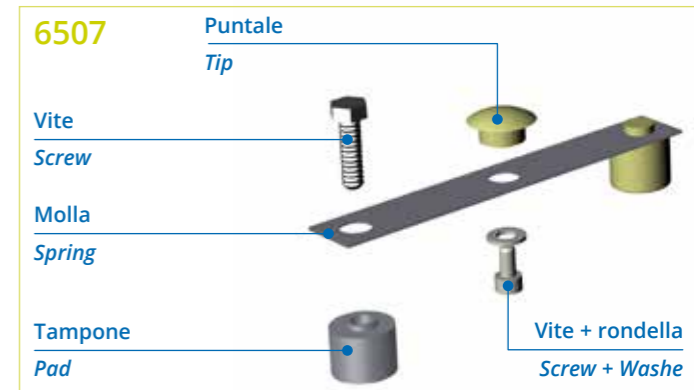
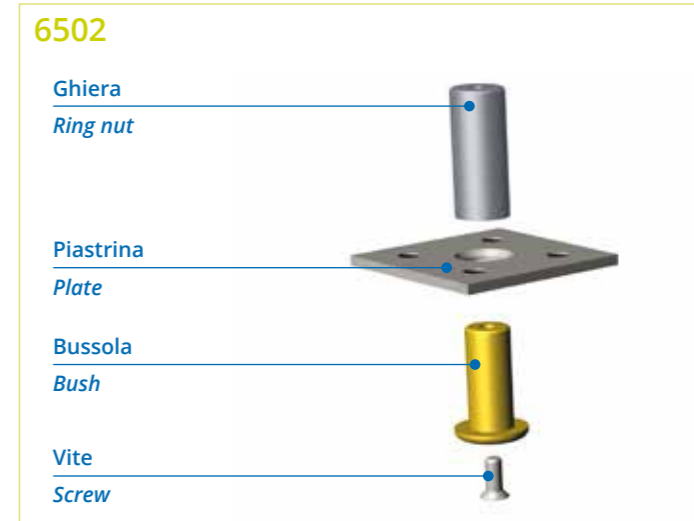
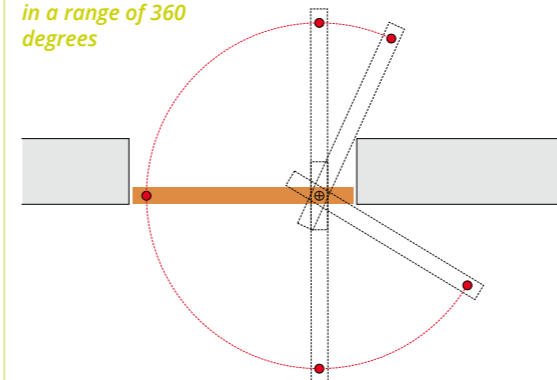


La sfera in acciaio al carbonio consente una riduzione degli attriti e della manutenzione  
Carbon steel ball allows for reduced friction and maintenance

Componenti blocco di posizione  
Position lock components

(art 6502 + 6507)

Possibilità di posizionamento in un range di 360°  
Possibility of positioning in a range of 360 degrees



Serie 6500

# Istruzioni montaggio | Assembly instructions

## Montaggio cardini e porta | Hinges and door assembly

**1**

Fissare i 2 profili 2441 nelle sedi predisposte sulla parte superiore ed inferiore della porta (solo per porte in legno)

*Fasten the 2 profiles 2441 on the upper and lower door slots (only for wooden doors)*

**2**

Fissare il cardine superiore (art 6502) e quello inferiore (art 6504) rispetto al fulcro di rotazione della porta desiderato

*Fix the upper hinge (art 6502) and lower hinge (art 6504) with respect to the desired fulcrum of rotation of the door*

Forare  $\varnothing 13$  il soffitto, dopodichè fissare il cardine superiore

*Drill a  $\varnothing 13$  hole in the ceiling, then fix the upper hinge*

Predisporre il cardine inferiore inserendo la sfera nella sua sede

*Prepare the lower hinge by inserting the ball into its seat*

**3**

Inserire parzialmente la sola slitta del cardine superiore (art 6501) nel profilo 2441 superiore, lasciando le 4 viti di fissaggio allentate

*Partially insert only the upper hinge slide (art 6501) in the upper profile 2441, leaving the 4 fixing screws loose.*

**4** Montaggio cardine inferiore tramite l'utilizzo dei rullini di montaggio (Kit 6530 opzionale)  
Lower hinge assembly using the mounting rollers (Kit 6530 optional)

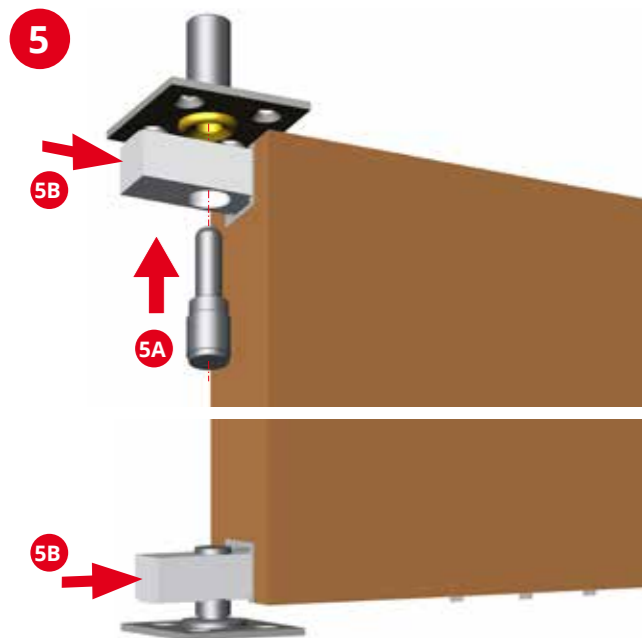
**art 6500/8**  
Distanza porta/pavimento 8 mm  
Door/floor distance 8 mm

**art 6500/10**  
Distanza porta/pavimento 10 mm  
Door/floor distance 10 mm

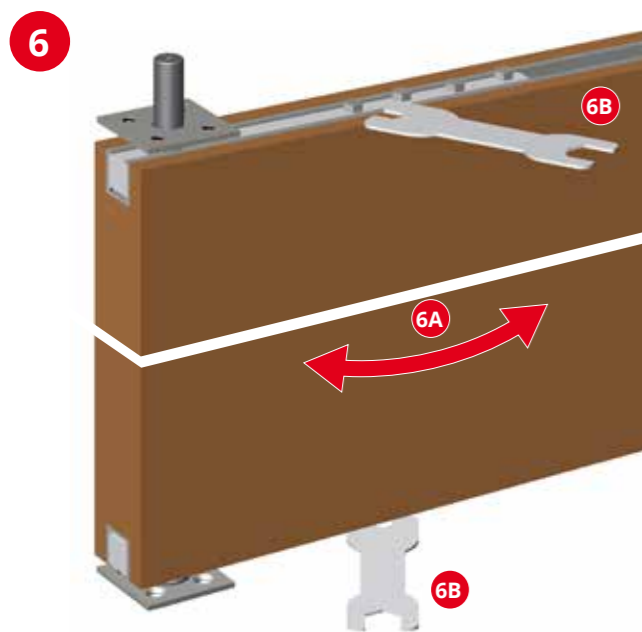
- 4A** Calzare la slitta del art 6503 nel cardine inferiore  
*Insert the slide of art. 6503 in the lower hinge*
- 4B** Inserire la relativa bussola senza utilizzare il distanziale in dotazione, per ottenere una distanza porta/pavimento di 8 mm  
*Insert the relative bush without using the supplied spacer, to obtain a door / floor distance of 8 mm*
- 4C** Avvicinare la porta e inserire la slitta art 6503 all'interno del profilo 2441  
*Bring the door closer and insert the 6503 slide inside the 2441 profile*

- 4A** Calzare la slitta del art 6503 nel cardine inferiore  
*Insert the slide of art. 6503 in the lower hinge*
- 4B** Inserire la relativa bussola utilizzando il distanziale in dotazione, per ottenere una distanza porta/pavimento di 10 mm  
*Insert the relative bush using the supplied spacer, to obtain a door / floor distance of 10 mm*
- 4C** Avvicinare la porta e inserire la slitta art 6503 all'interno del profilo 2441  
*Bring the door closer and insert the 6503 slide inside the 2441 profile*

Serie 6500



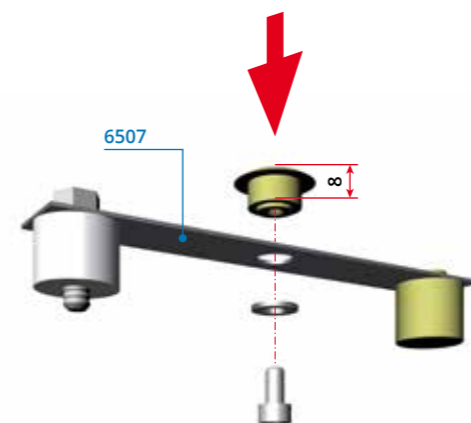
- 5A Inserire il perno nella slitta superiore  
*Insert the pin into the upper slide*
- 5B Proseguire l'avvicinamento della porta fino alla posizione approssimativa desiderata del fulcro di rotazione  
*Continue approaching the door to the approximate desired position of the fulcrum*



- 6A Regolare il parallelismo/perpendicolarità della porta, spostando le slitte all'interno del profilo 2441  
*Adjust the parallelism/perpendicularity of the door moving the slides inside the 2441 profile*
- 6B Serrare le 4 viti di ogni slitta per fissare la corretta posizione  
*Tight the 4 screws of each slide to fix the right position*

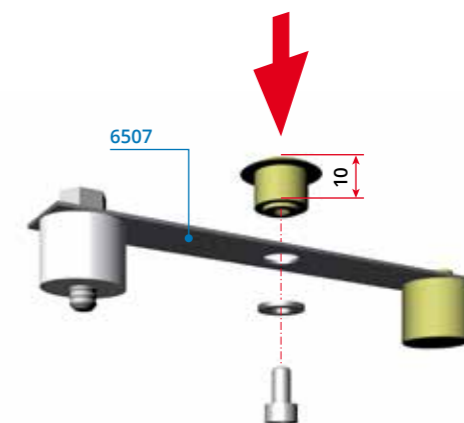
2

Distanza porta/soffitto 8 mm  
*Door/ceiling distance 8 mm*



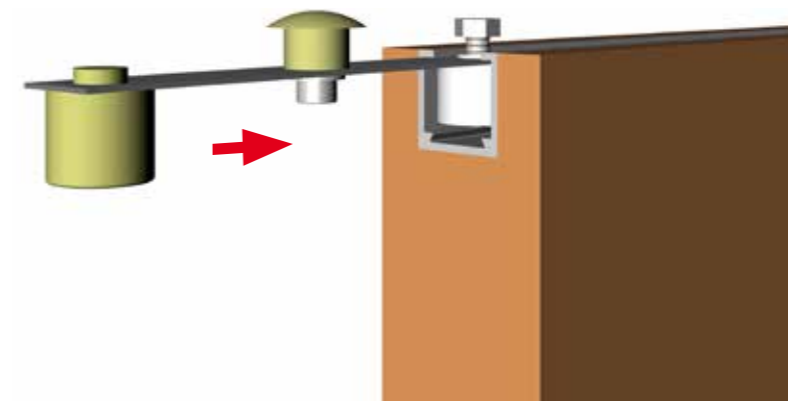
Montare il puntale più basso (8 mm) in dotazione  
*Fit the lower tip (8 mm) supplied*

Distanza porta/soffitto 10 mm  
*Door/ceiling distance 10 mm*



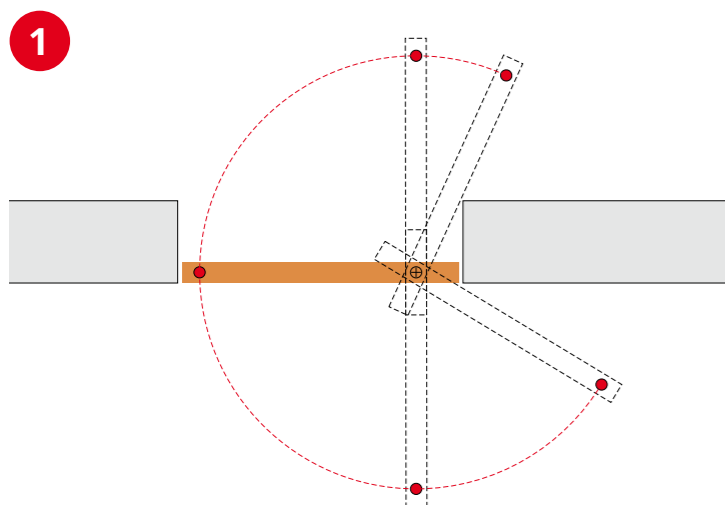
Montare il puntale più alto (10 mm) in dotazione  
*Mount the highest tip (10 mm) supplied*

3

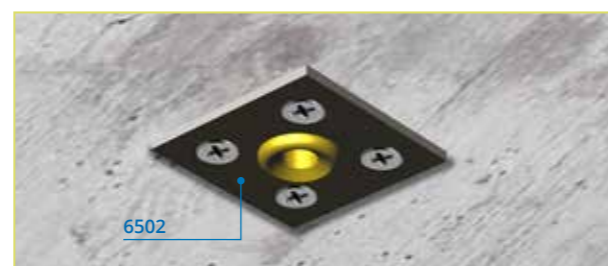


Inserire il blocco completo 6507 nel binario 2441  
*Insert complete block 6507 into rail 2441*

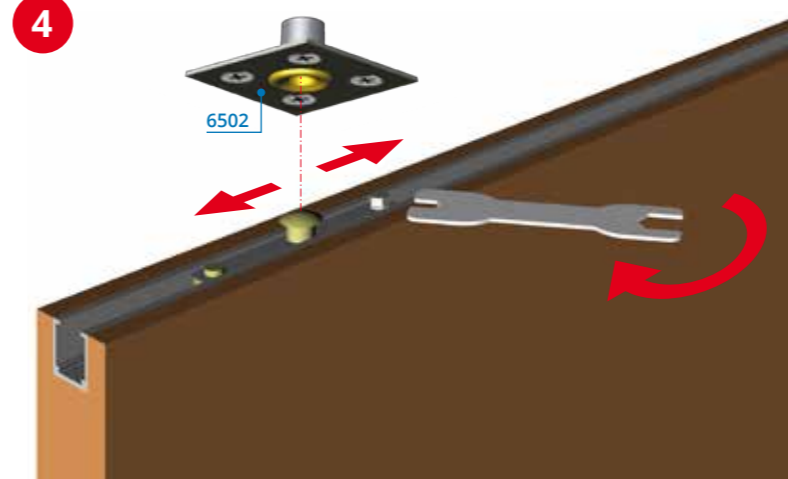
Montaggio blocco opzionale art 6507 | *Optional block assembly art 6507*



Scegliere le posizioni di trattenimento in chiusura e/o in apertura, dopodichè fissare la boccia 6502 (al soffitto o al pavimento)  
*Choose the locking positions in closing and/or opening positions and secure the bushing 6502 (to ceiling or floor)*



4

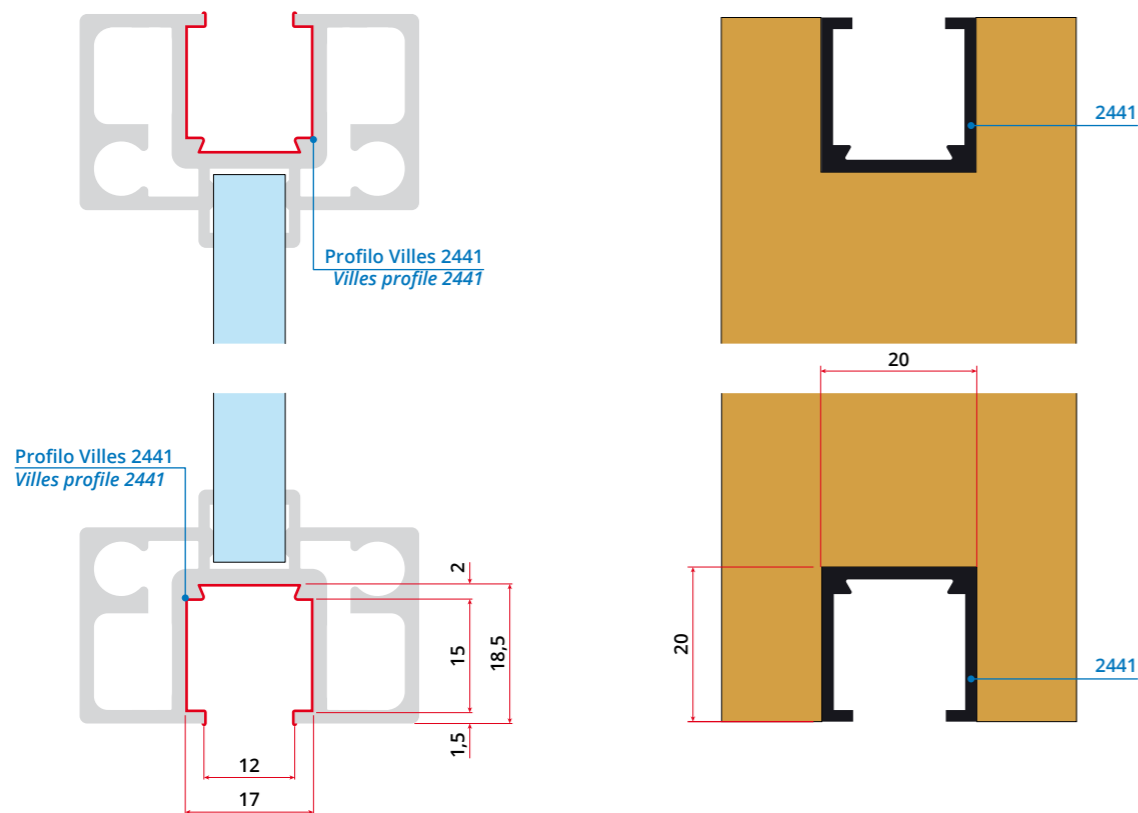


Una volta trovata la perfetta corrispondenza con la boccia di riscontro 6502, bloccarlo tramite la vite di fissaggio  
*Once the perfect correspondence with the 6502, secure it with the fixing screw*



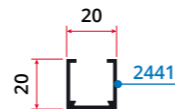
## Varianti e optional | Variants and optionals

Possibilità di integrare il profilo Villes all'interno di telai proprietari  
 Possibility of integrating the Villes profile into own frames

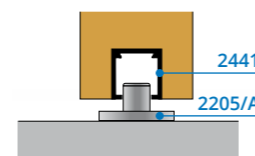
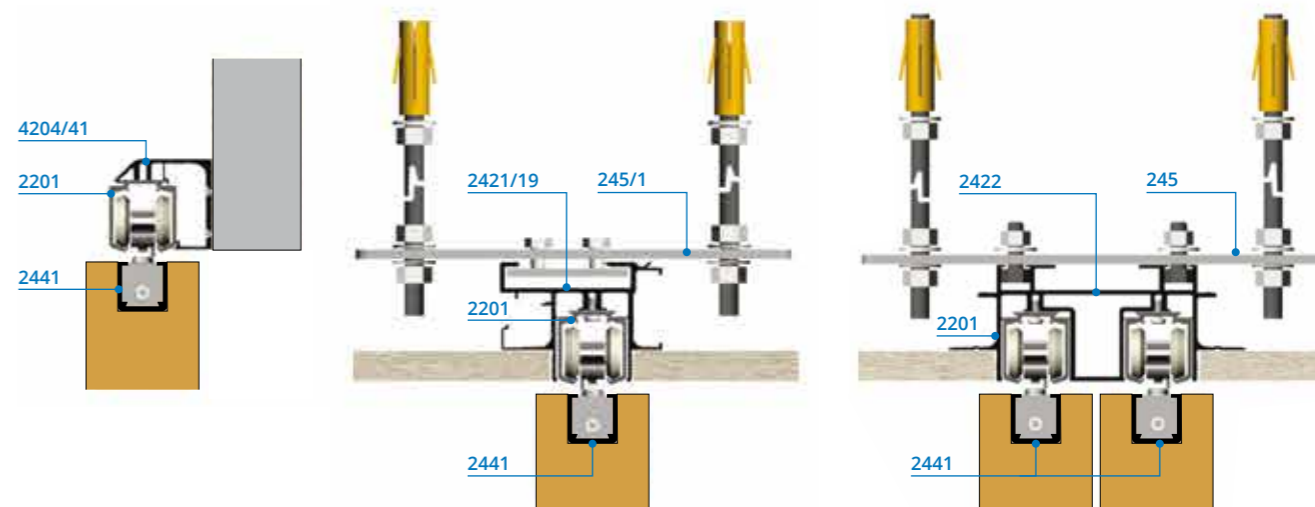


Offriamo la possibilità di integrare il disegno del nostro profilo villes 2441 all'interno di un vostro telaio in alluminio, in modo da mantenere le stesse caratteristiche sia per porte in legno che in vetro intelaiate  
 We offer the possibility to integrate the design of our villes 2441 profile into your aluminum frame, to maintain the same characteristics for both wooden and glass framed doors

## Compatibilità totale delle porte tra i sistemi a bilico e scorrevoli Full door compatibility between pivoting and sliding systems



Tutte le porte predisposte per il nostro sistema a bilico 6500 possono essere utilizzate anche come porte scorrevoli tramite gli accessori della serie 2200 senza apportare nessuna modifica  
 All doors designed for our 6500 pivoting system can also be used as sliding doors with the accessories of the 2200 series without making any modifications



Kit compatibili  
 Matching kits  
 2453 - 5670/S

Serie 6500

## Lista Kit e profili principali | Kits list and main profiles

Art. 2441

**6540**

Art. List: 6502 x1 | 6501 x1 | 6504 x1 | 6503 x1 | 2449/GO x4 | 6508 x4 | 2204 x1

Icons: Kg 200, 400/3200, 1, SOFT, AUTO

**6570**

Art. List: 6502 x2 | 6507 x1 | 2204 x1

Icons: Kg 200, 400/3200, 1, SOFT, AUTO

**6545**

Art. List: 6502 x1 | 6501 x1 | 6504 x1 | 6503 x1 | 2449/GO x4 | 6508 x4 | 6500/10 x2 | 6500/8 x2 | 2204 x1

Icons: Kg 200, 400/3200, 1, SOFT, AUTO

**6530**

Art. List: 6500/10 x2 | 6500/8 x2

Icons: Kg 200, 400/3200, 1, SOFT, AUTO

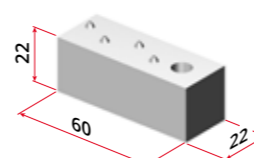
# Serie 6500 FLD

Per porte a pieghevoli  
For folding doors



Sistema per porte pieghevoli di grandi dimensioni

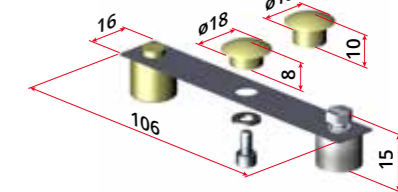
Folding system for large doors



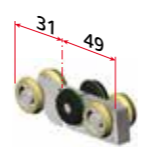
**art. 6505**  
per/for art. 6501  
Inserto bussola per cardine superiore, per porte pieghevoli  
Socket insert for top hinge for foldable doors



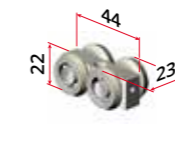
**art. 6504**  
per/for art. 6503  
Piastrina con cardine inferiore a sfera  
Plate with lower ball hinge



**art. 6507**  
per/for art. 2441 - 6502  
Trattenitore di posizione a molla  
Spring door position holder



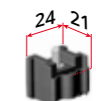
**art. 5666/S** 130\*  
per/for art. 5669/S  
Carrello in metallo a 6 ruote  
6 wheels metal carriage



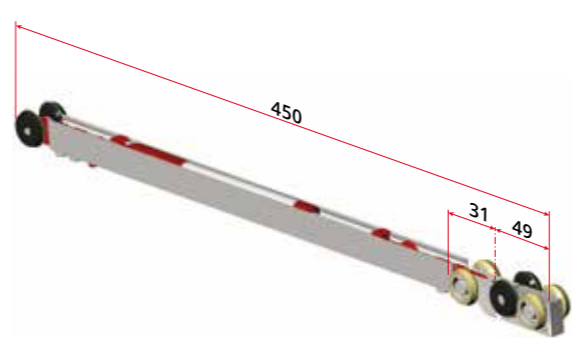
**art. 2544/S** 80  
Carrello in acciaio con 4 cuscinetti a sfera  
4-ball bearings steel carriage



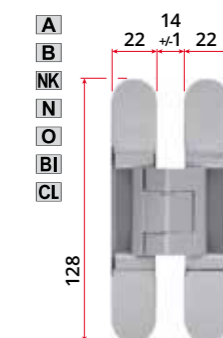
**art. 5667**  
Attivatore in metallo  
Metal activator



**art. 2467**  
Fermo finecorsa in nylon con para colpi  
Nylon end-run stop with bumper

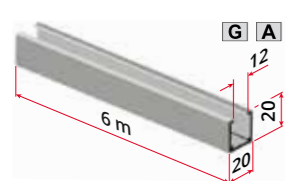


**art. 5669/S** 100\*  
per/for art. 5666/S  
Carrello in metallo snodato a 6 ruote con ammortizzatore bilaterale portata 100 Kg.  
6 wheels articulated metal carriage with bilateral shock absorber, max 100 Kg.

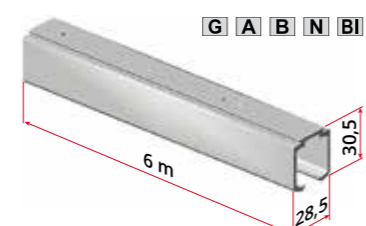


**art. 5243**  
Cerniera regolabile a scomparsa  
Adjustable concealed hinge

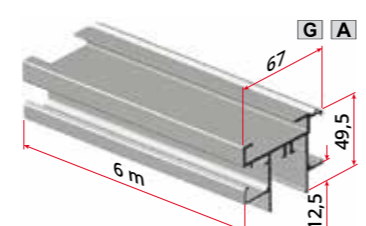
## Componenti e accessori | Components and accessories



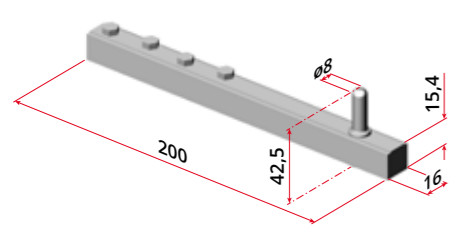
**art. 2441**  
Profilo in alluminio per l'inserimento delle slitte  
Aluminium profile for inserting slides



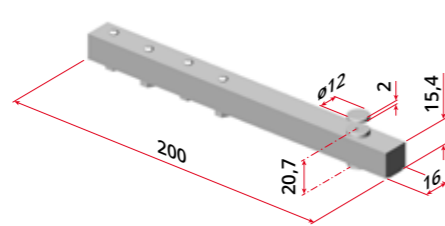
**art. 2201** 40+160  
Binario in alluminio  
Aluminium rail



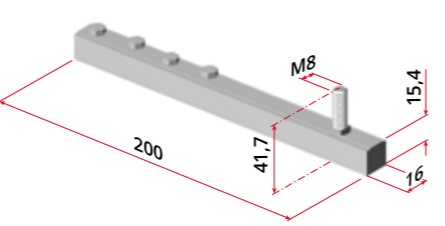
**art. 2421/19**  
Profilo in alluminio per ancoraggio art. 2201 laterale o centrale in un controsoffitto  
Aluminium profile for the hooking of 1 rail art. 2201 to false ceiling



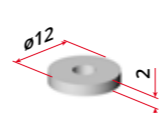
**art. 6501**  
per/for art. 6502 - 6505  
Slitta in alluminio con cardine superiore  
Aluminium slide with upper hinge



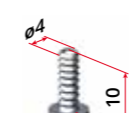
**art. 6503**  
per/for art. 6504  
Slitta in alluminio con bussola per cardine inferiore  
Aluminium slide with bushing for lower hinge



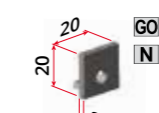
**art. 6506**  
Slitta in alluminio supporto carrello superiore, per porte pieghevoli  
Support upper carriages aluminium slide for foldable doors



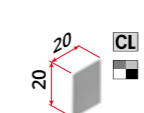
**art. 6512**  
per/for art. 2201 - 2421/19  
Rondella distanziale  
Spacer washer



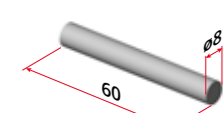
**art. 6513**  
per/for art. 2201 - 2421/19  
Vite trilobata per fissaggio binario  
Trilobal screw for rail fixing



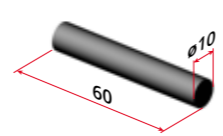
**art. 2449**  
per/for art. 2441  
Tappo in plastica  
Plastic cap



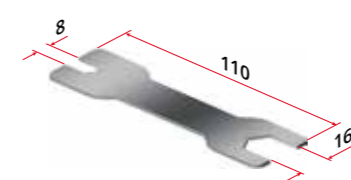
**art. 6508**  
per/for art. 2449  
Tappo adesivo  
Adhesive finishing cap



**art. 6500-8**  
Rullino ø8 mm per montaggio porta  
Pom ø 8 mm roller for door mounting



**art. 6500-10**  
Rullino ø10 mm per montaggio porta  
Pom ø 10 mm roller for door mounting



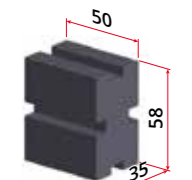
**art. 2204**  
Chiave fissa 8/16 mm  
Fix key 8/16 mm



**art. 2090**  
Chiave a brugola MM3  
Allen key MM3



**art. 3308**  
Chiave a brugola MM2  
Allen key MM2

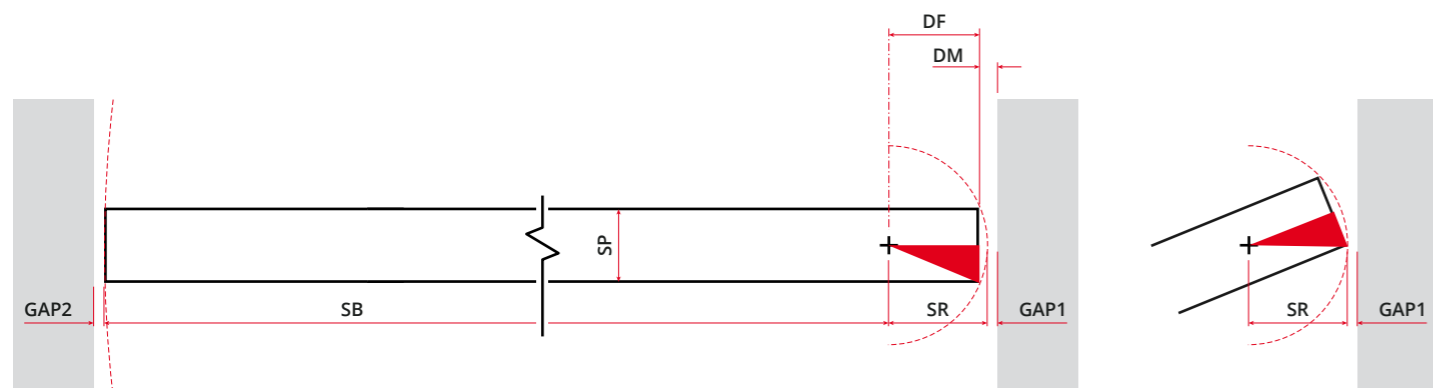


**art. 220**  
Spugna pulisci binario utilizzabile anche su binari già installati  
Cleaner rails sponge usable also in the rails already fixed

Serie 6500



Calcolo del DM (spazio tra muro e porta) per tutte le versioni  
 Calculation of the DM, space between wall and door. For all versions



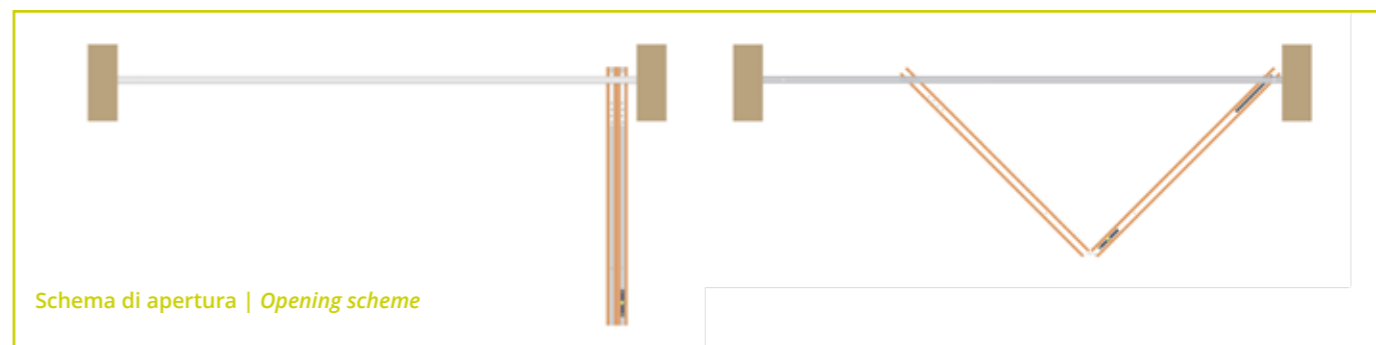
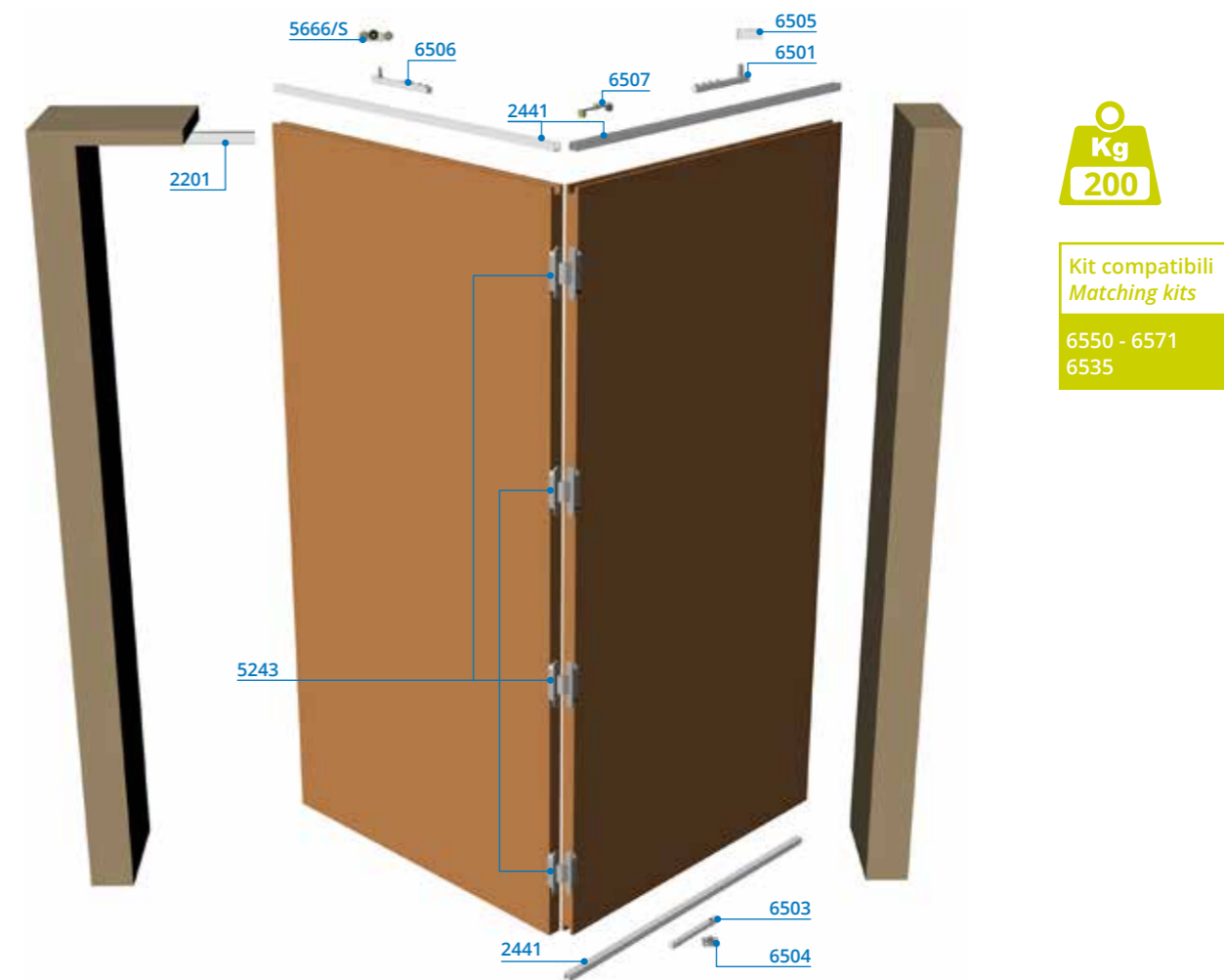
\* DM è lo spazio da lasciare fra la porta e il muro per consentirne la rotazione senza interferenza. Questa quota variabile dipende dallo spessore della porta e può essere calcolata secondo la formula matematica espressa nel disegno o analizzando il relativo schema. All'aumentare della distanza del fulcro (DF) la distanza dal muro (DM) diminuisce.

\* DM is the space to be left between the door and the wall to allow it to rotate. This variable dimension depends on the thickness of the door and can be calculated according to the mathematical formula expressed in the drawing or by analyzing the relative scheme. As the distance from the fulcrum (DF) increases the distance from the wall (DM) decreases.

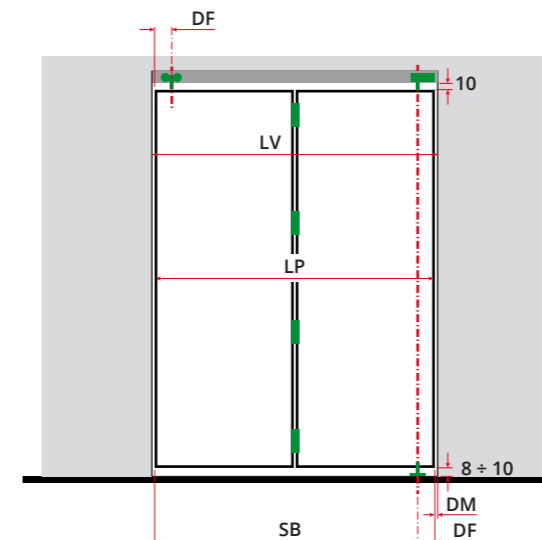
LEGENDA		
LP = Larghezza porta   Door width	DF = Distanza fulcro   Fulcrum distance	SB = Sbalzo   Overhang
LV = Larghezza vano   Doorway width	SR = Spazio di rotazione   Rotation space	GAP = Distanza di sicurezza   Safety gap
SP = Spessore porta   Door thickness	DM* = Distanza dal muro   Distance from the wall	

Informazioni tecniche | Technical informations

Versione 2 porte senza softclose | 2 doors version without softclose



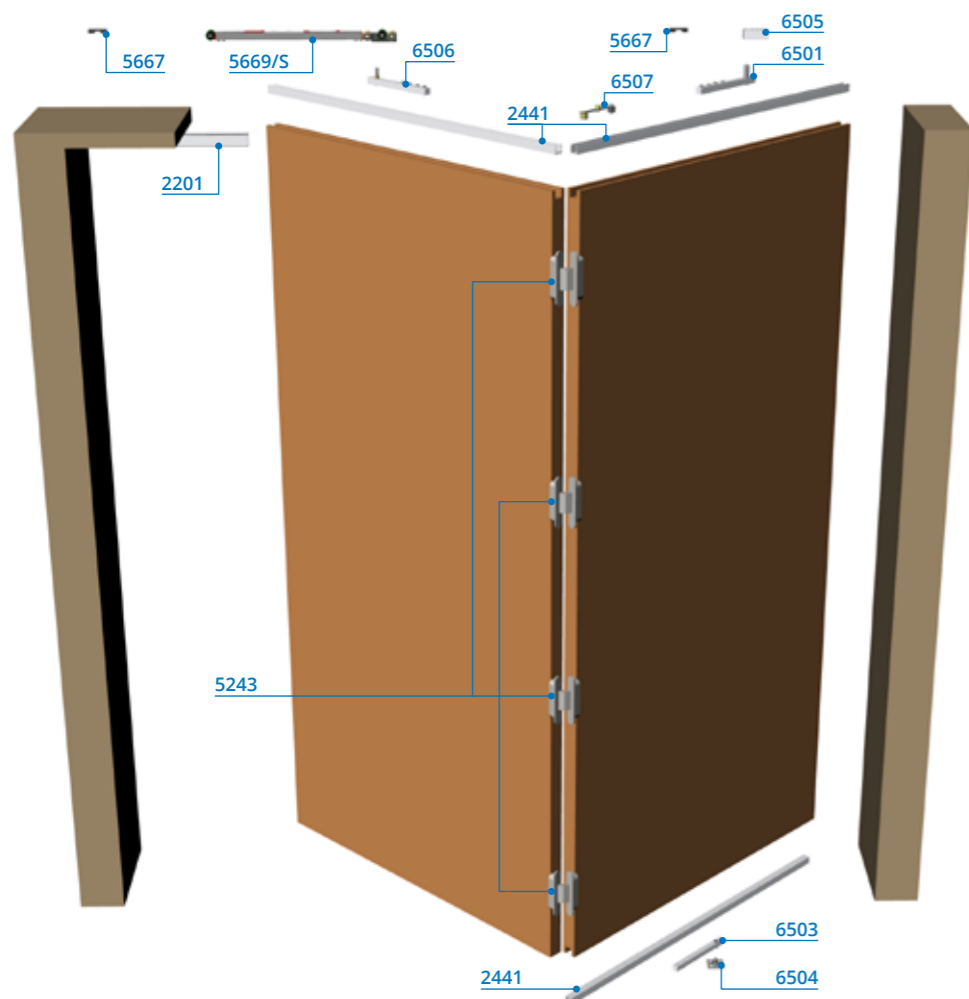
Schema di apertura | Opening scheme



- DF\*\* min = 50
- SB max = 3200
- LP = LV - DM - GAP1 - GAP2
- DM\* = SR - DF + GAP1
- SR =  $\sqrt{DF^2 + (SP/2)^2}$

Serie 6500

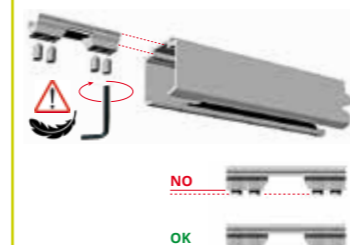
Versione 2 porte con softclose | 2 doors version with softclose



Kit compatibili  
Matching kits

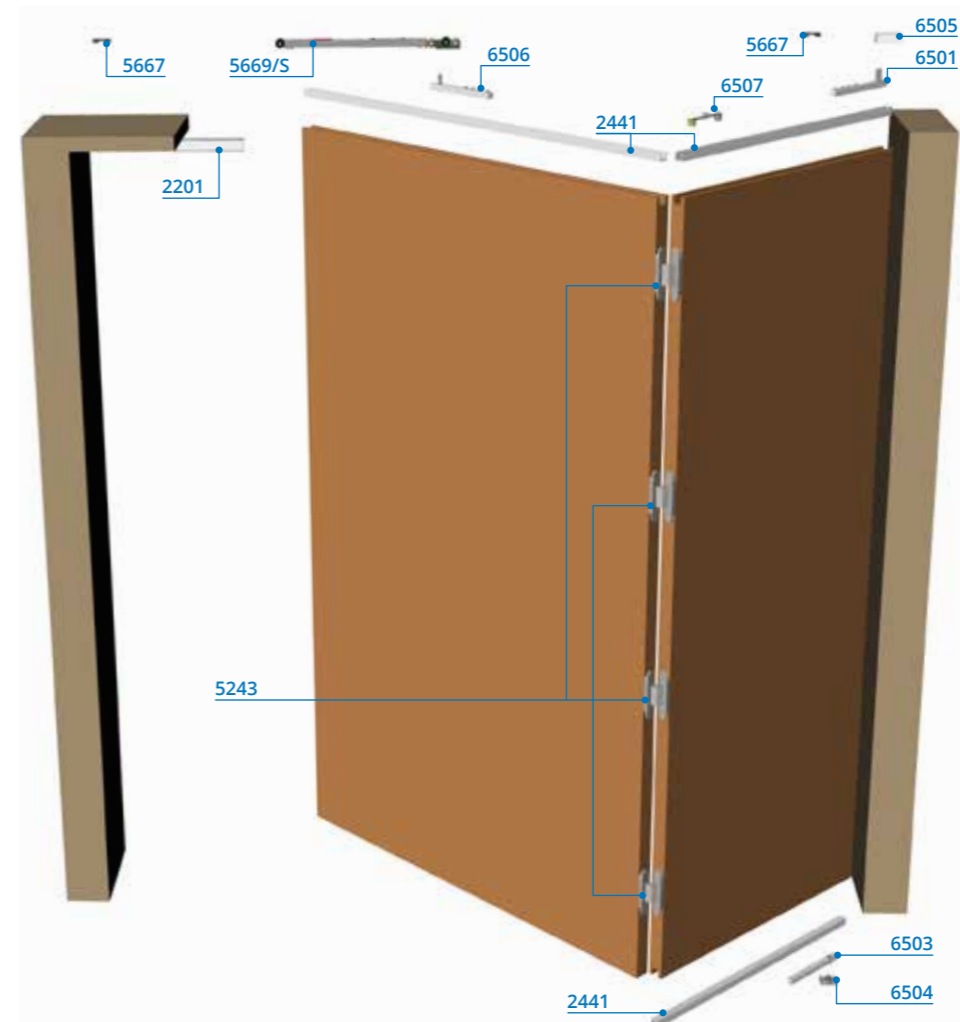
6560 - 6571  
6535

Montaggio e fissaggio degli attivatori  
Assembly and fixing of the activators



Stringere le viti con moderazione per evitare danneggiamenti.  
Dopo il posizionamento stringere le viti fino portarle a filo  
Tighten the screws with moderation, to avoid breakage.  
After placement tighten all the screws

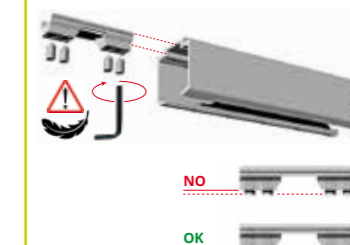
Versione 2 porte diverse con softclose | 2 different doors version with softclose



Kit compatibili  
Matching kits

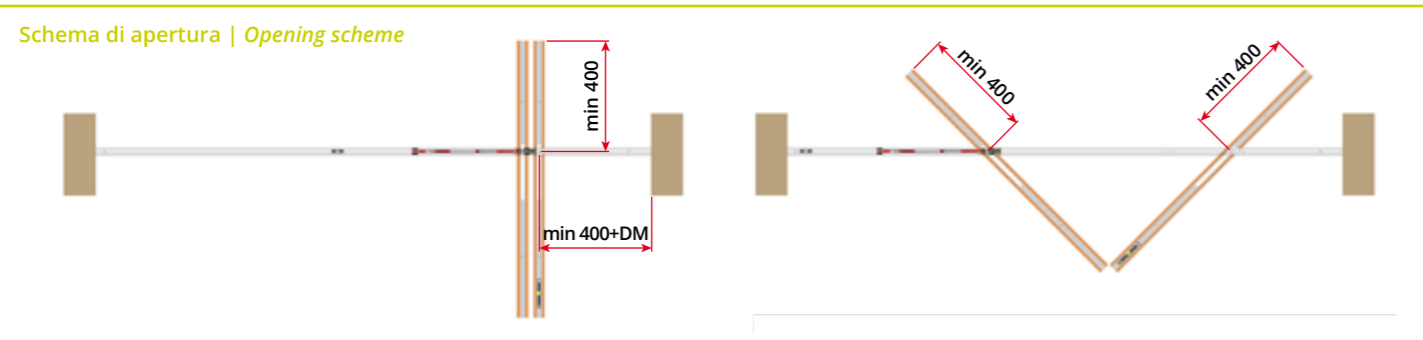
6560 - 6571  
6535

Montaggio e fissaggio degli attivatori  
Assembly and fixing of the activators

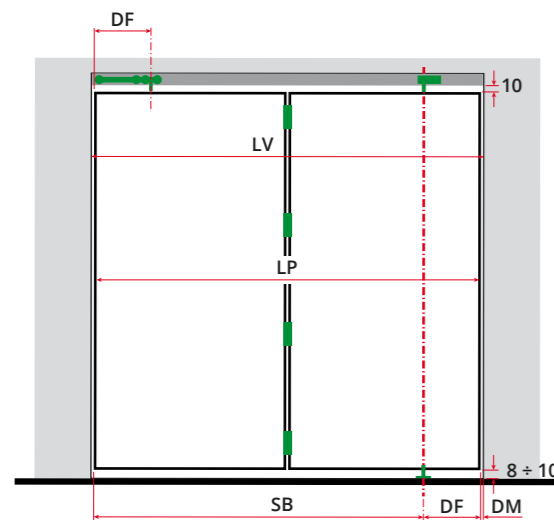
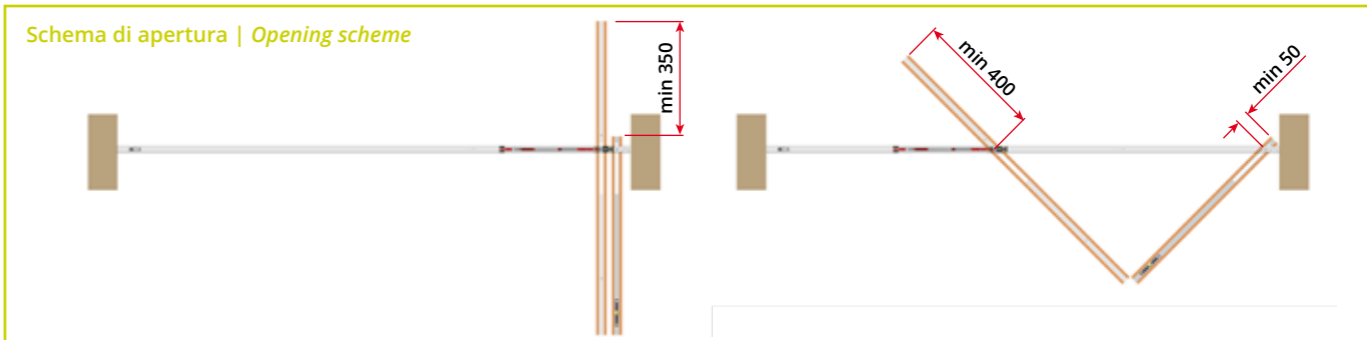


Stringere le viti con moderazione per evitare danneggiamenti.  
Dopo il posizionamento stringere le viti fino portarle a filo  
Tighten the screws with moderation, to avoid breakage.  
After placement tighten all the screws

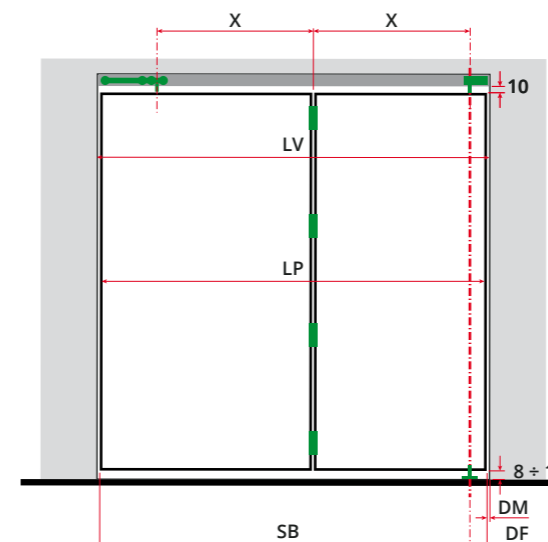
Schema di apertura | Opening scheme



Schema di apertura | Opening scheme

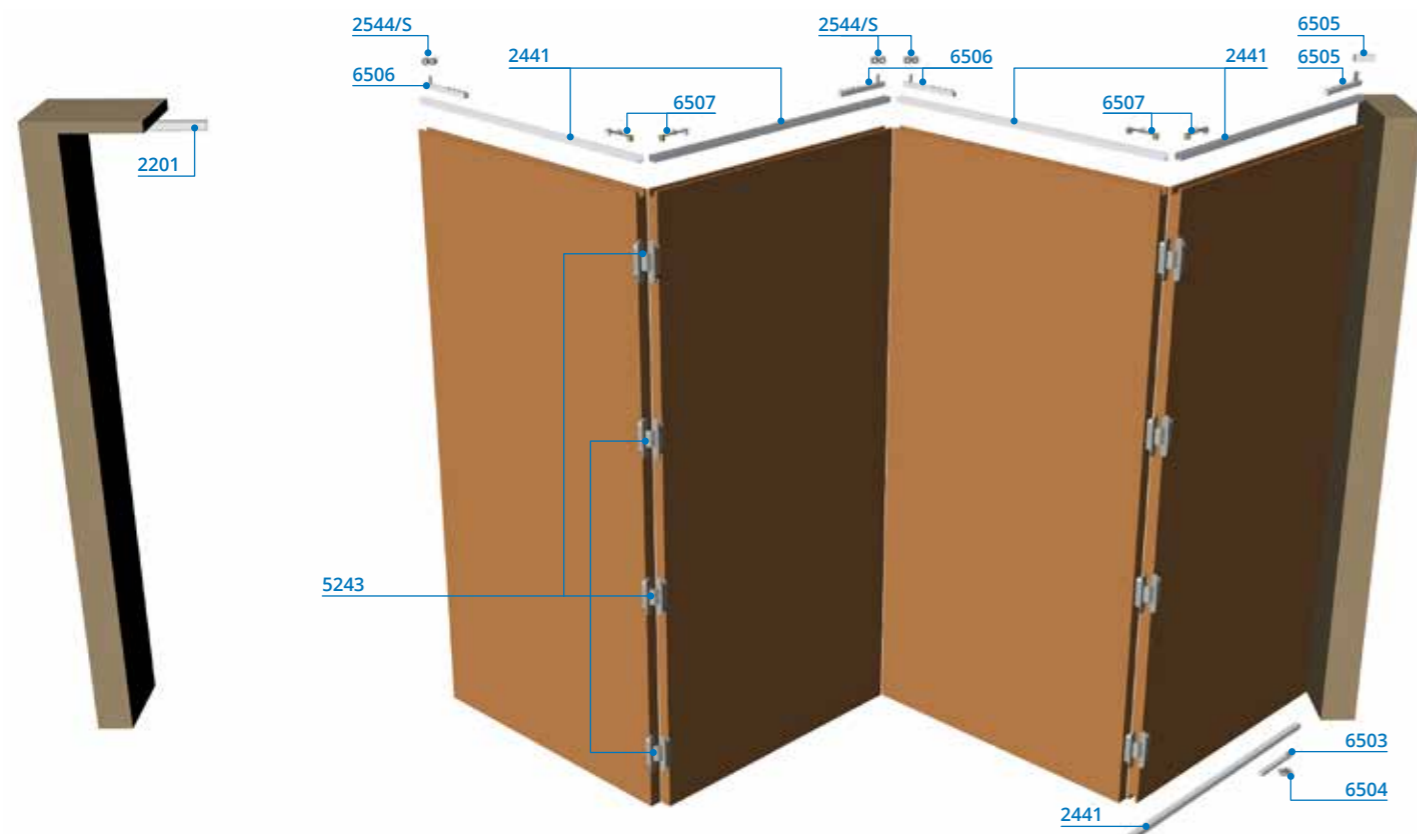


- DF\*\* min = 400
- SB max = 3200
- LP = LV - DM - GAP1 - GAP2
- DM\* = SR - DF + GAP1
- SR =  $\sqrt{DF^2 + (SP/2)^2}$



- DF\*\* min = 50
- SB max = 3200
- LP = LV - DM - GAP1 - GAP2
- DM\* = SR - DF + GAP1
- SR =  $\sqrt{DF^2 + (SP/2)^2}$

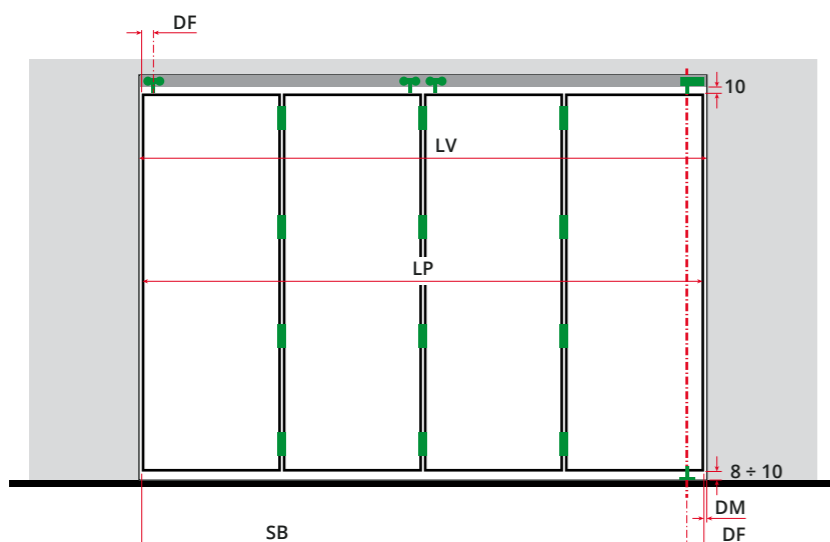
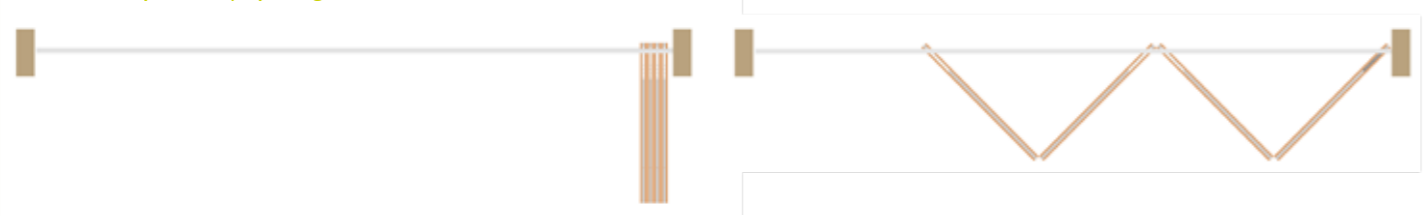
Serie 6500



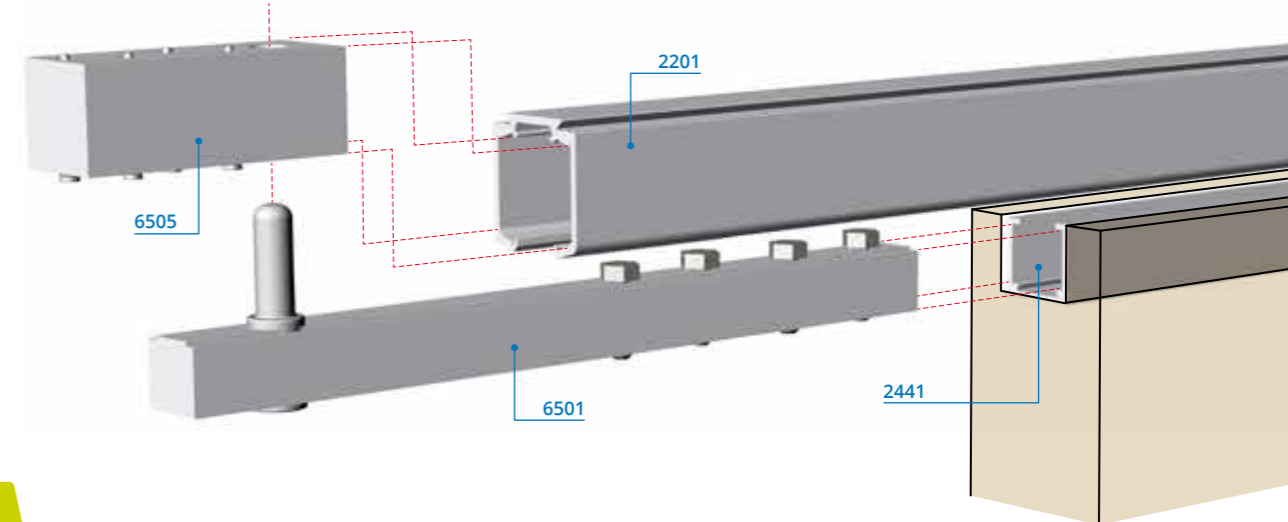
Kit compatibili  
Matching kits

6554 - 6571  
6535

Schema di apertura | Opening scheme



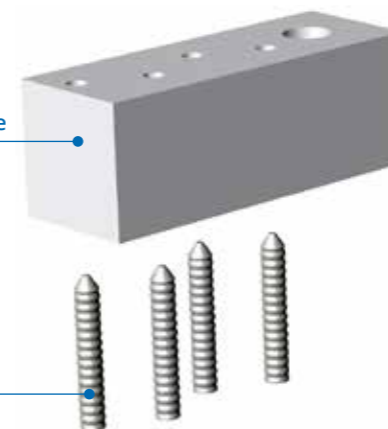
- DF\*\* min = 50
- SB max = 5000
- LP = LV - DM - GAP1 - GAP2
- DM\* = SR - DF + GAP1
- SR =  $\sqrt{DF^2 + (SP/2)^2}$



6505

Inserto bussola  
per cardine superiore  
Socket insert for top  
hinge

Grani  
No-head screws



Componenti cardine superiore  
Top hinge components

(art 6501 + 6505)

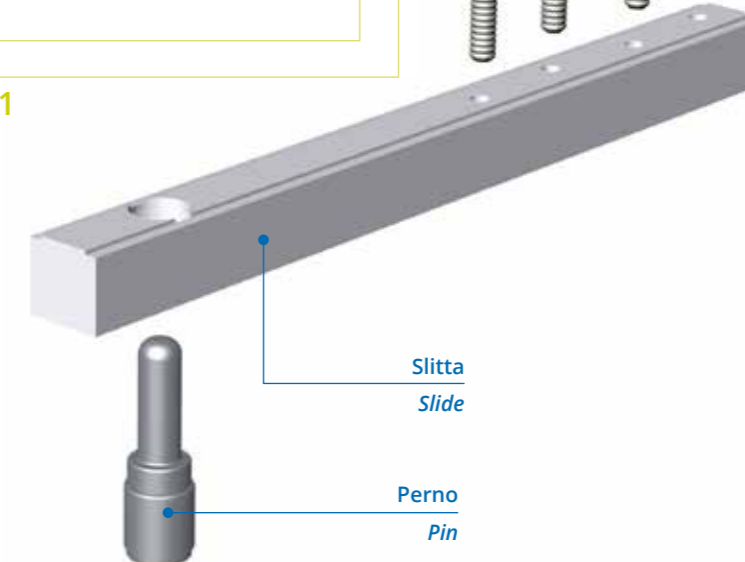
Viti  
Screws



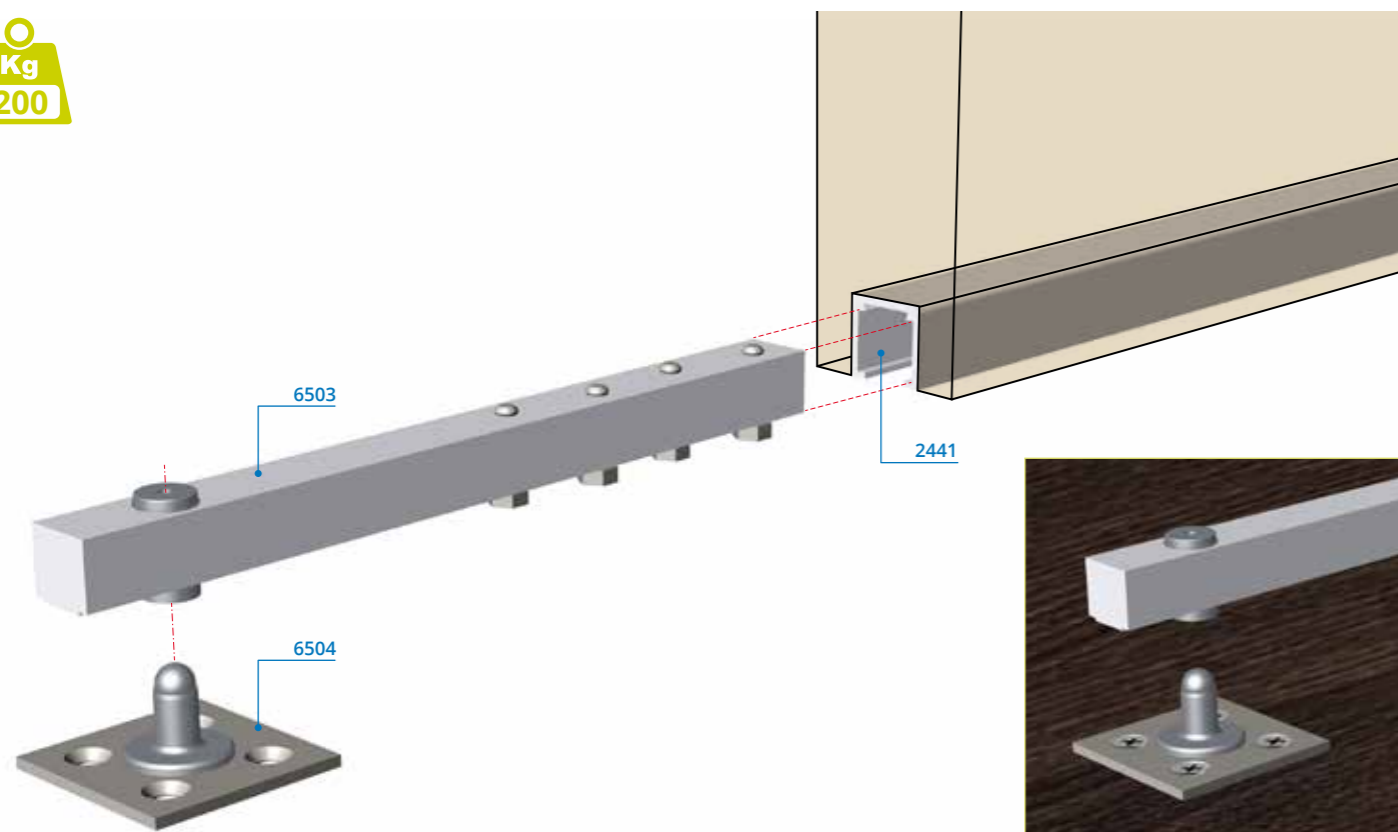
6501

Slitta  
Slide

Perno  
Pin

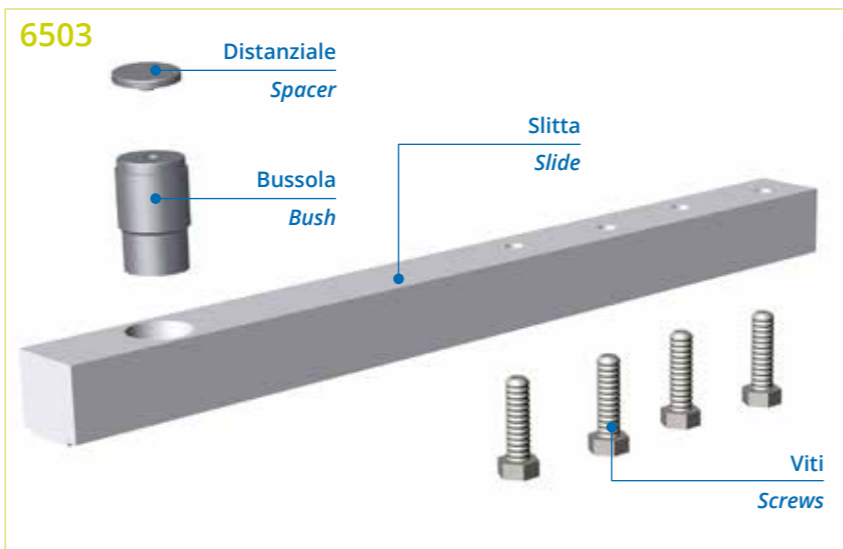


Cardine inferiore (art 6503 + 6504) | Lower hinge (art 6503 + 6504)



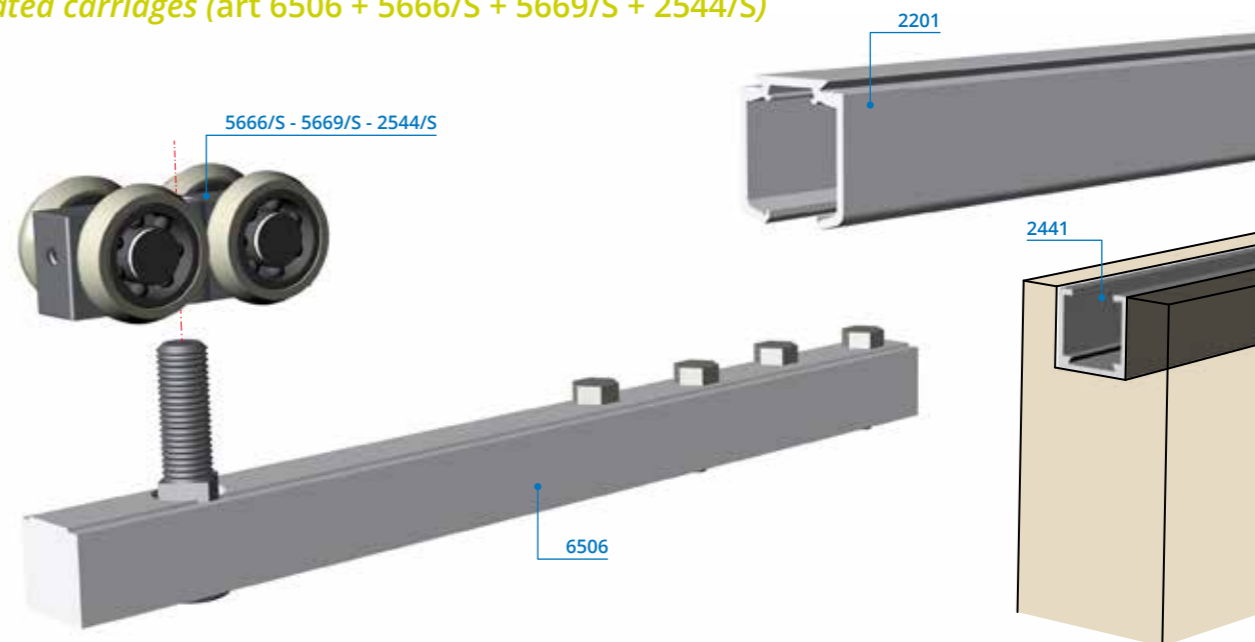
Componenti cardine inferiore  
Lower hinge components

(art 6503 + 6504)



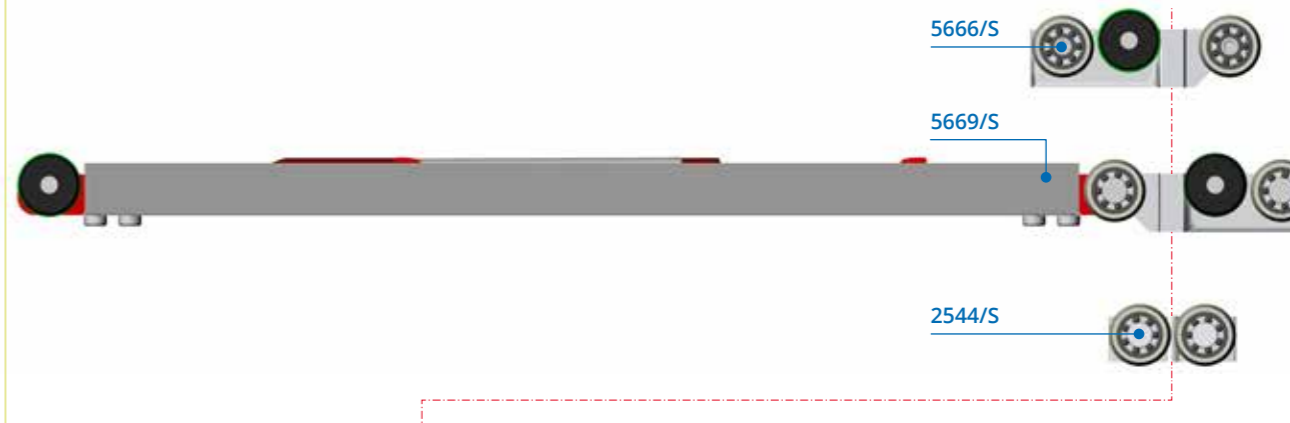
La sfera in acciaio al carbonio consente una riduzione degli attriti e della manutenzione  
Carbon steel ball allows for reduced friction and maintenance

Carrelli snodo (art 6506 + 5666/S + 5669/S + 2544/S)  
Articulated carriages (art 6506 + 5666/S + 5669/S + 2544/S)

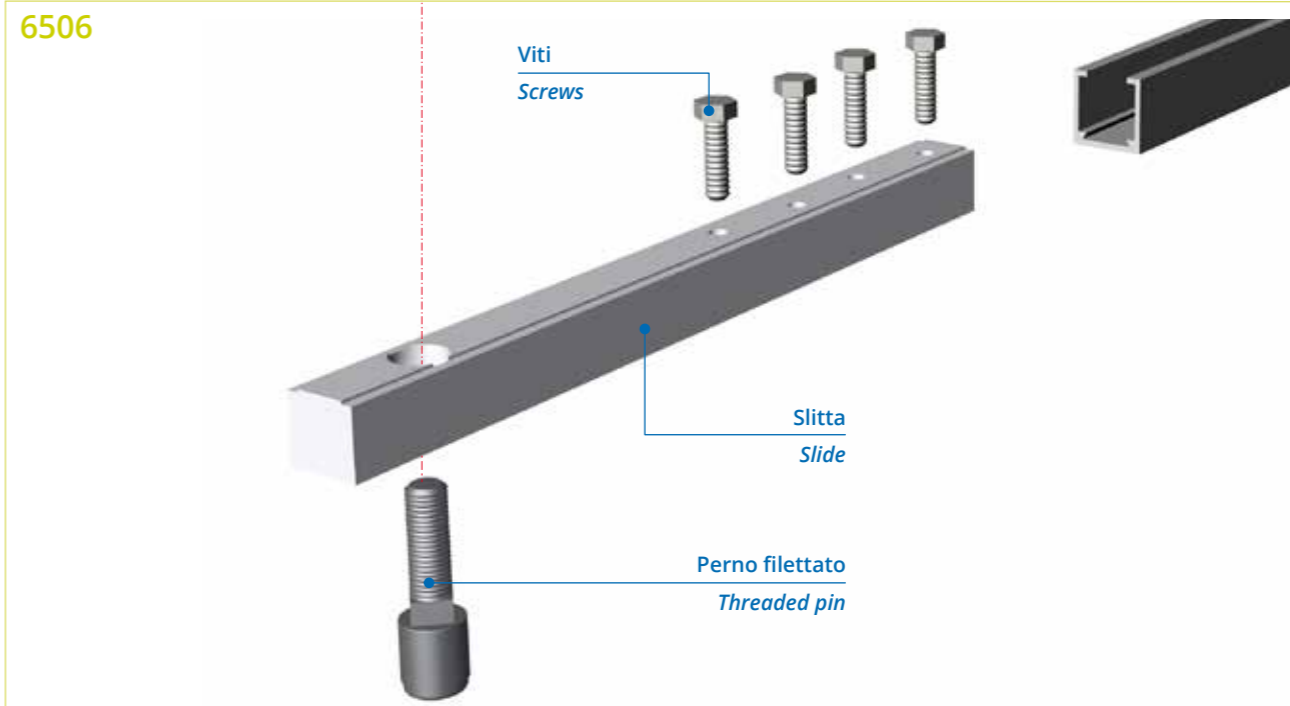


Componenti carrello di snodo | Articulated carriage components (art 6506 + 5666/S + 5669/S + 2544/S)

5666/S + 5669/S + 2544/S



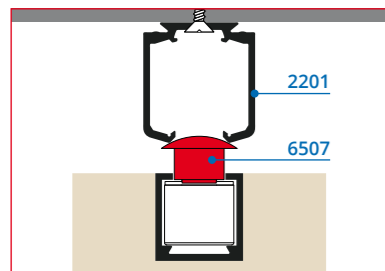
6506



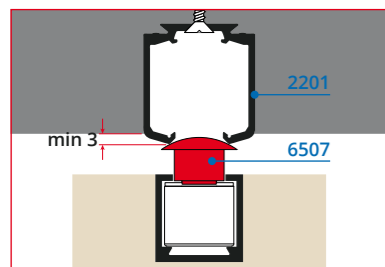
Serie 6500

**Blocco di posizione (opzionale) - Superiore e/o inferiore (Kit 6571)**

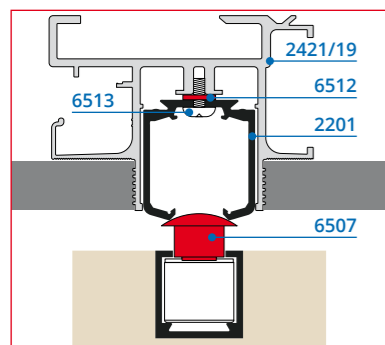
*Position lock (optional) - Top and / or bottom (Kit 6571)*



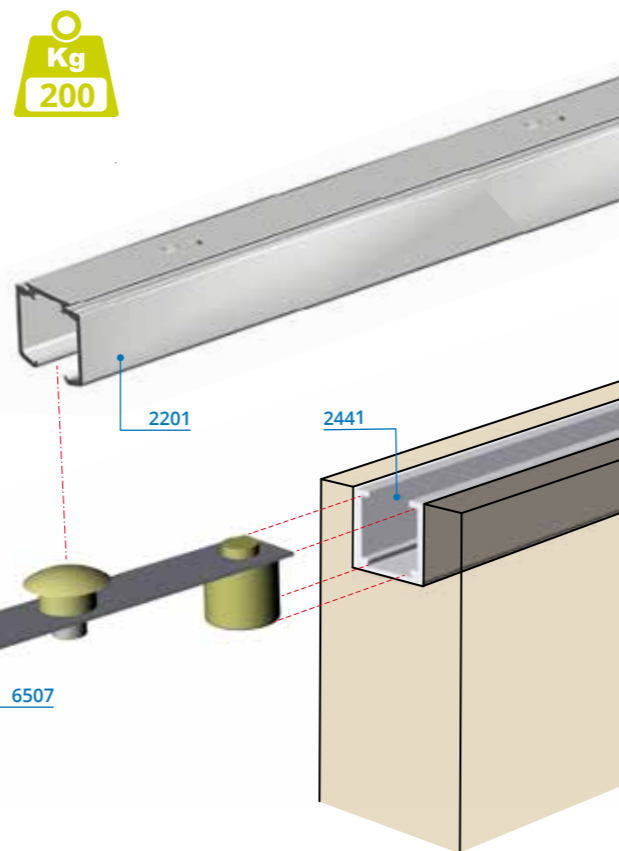
**A**  
**Binario esterno**  
*External rail*



**B**  
**Binario incassato**  
*Recessed rail*

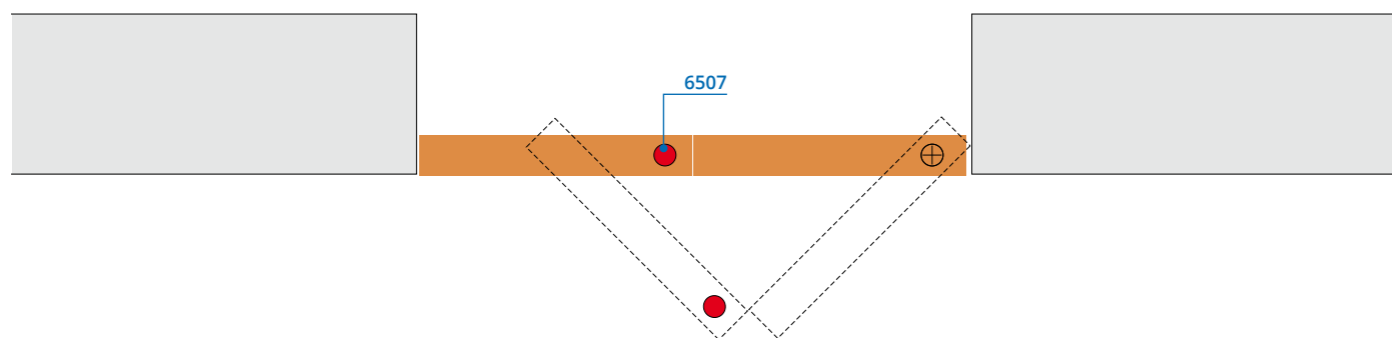
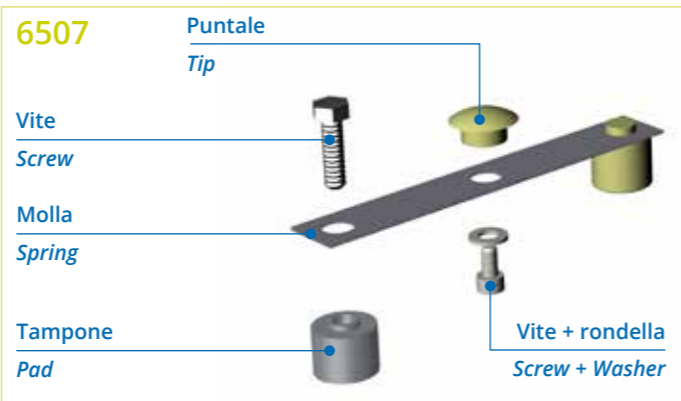


**C**  
**Binario incassato nel cartongesso (+ Kit 6555)**  
*Rail embedded in plasterboard (+ Kit 6555)*



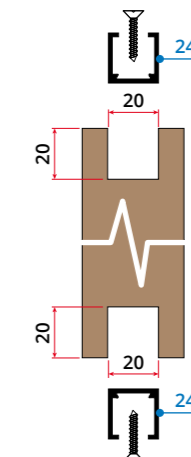
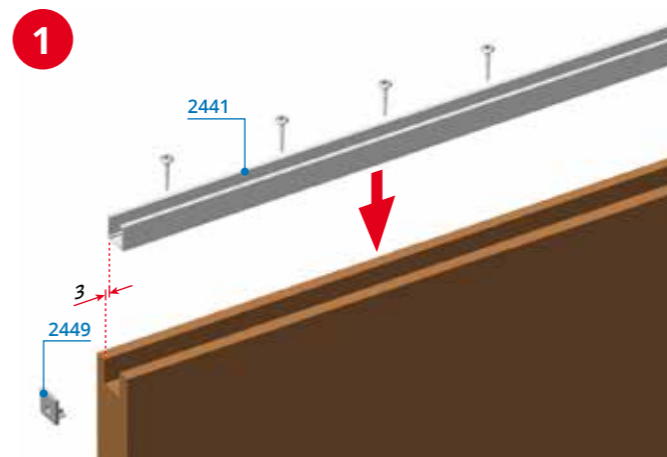
**Componenti blocco di posizione**  
*Position lock components*

(art 6507)



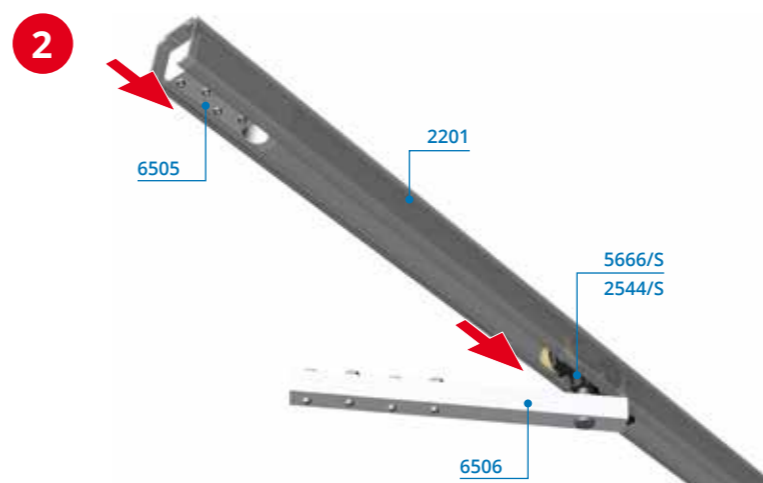
**Istruzioni montaggio | Assembly instructions**

**Montaggio cardini e porta | Hinges and door assembly**



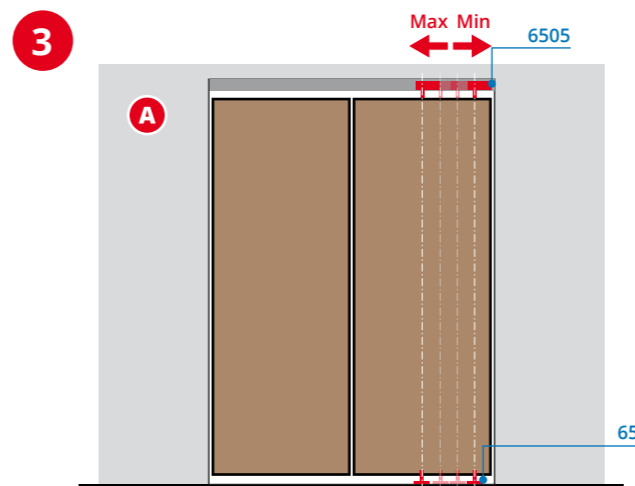
Fissare i profili 2441 nelle sedi predisposte sulla parte superiore ed inferiore delle porte (solo per porte in legno)

*Fasten the profiles 2441 on the upper and lower doors slots (only for wooden doors)*



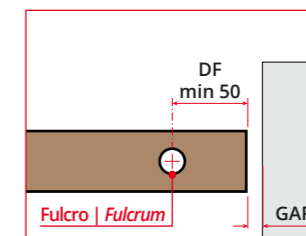
Inserire nel binario 2201 i carrelli (art 5666/S e/o 2544/S) con le relative slitte e l'inserto cardine superiore (art 6505). Successivamente fissare il binario al soffitto

*Insert the carriages (art 5666/S and/or 2544/S) with the relative slides and the upper hinge insert (art 6505) into the track 2201. Then fix the track to the ceiling*



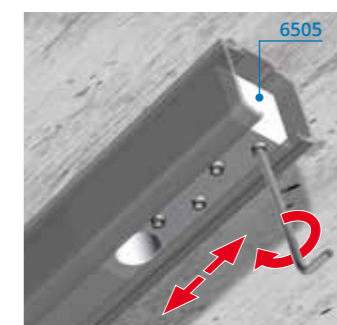
Fissare al pavimento il cardine inferiore (art 6504) e fissare nel binario quello superiore (art 6505) rispetto al fulcro di rotazione della porta desiderato

*Fix the lower hinge (art 6504) to the floor and fix the upper hinge (art 6505) with respect to the desired fulcrum of rotation of the door*



Predisporre il cardine inferiore inserendo la sfera nella sua sede

*Prepare the lower hinge by inserting the ball into its seat*



Posizionare l'inserto bussola superiore art 6505 e poi serrare i grani

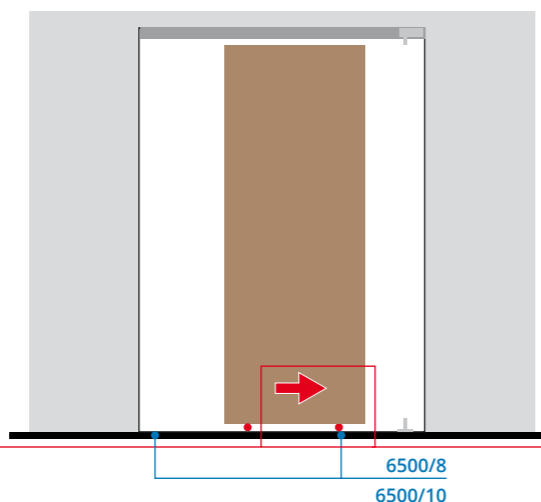
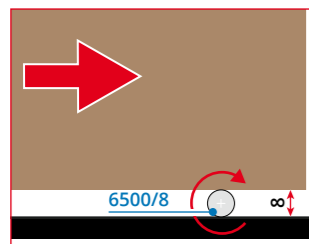
*Position the socket insert art 6505 and then tighten the no-haed screws*

Serie 6500

**4** Montaggio cardine inferiore tramite l'utilizzo dei rullini di montaggio  
Lower hinge assembly using the mounting rollers

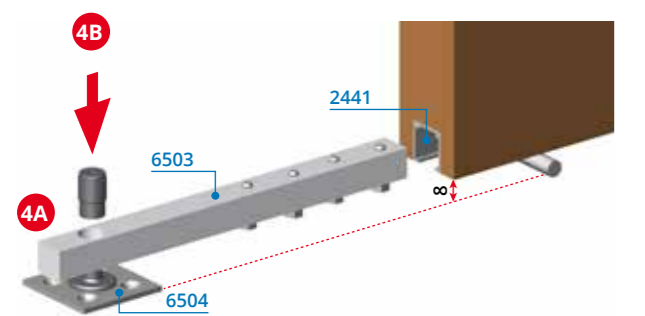
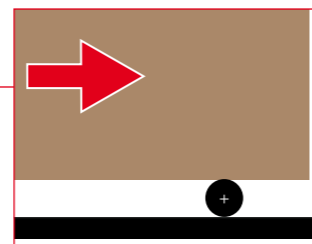
art 6500/8

Distanza porta/pavimento  
8 mm  
Door/floor distance  
8 mm



art 6500/10

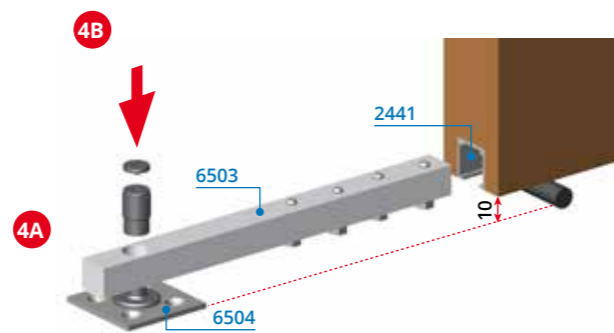
Distanza porta/pavimento  
10 mm  
Door/floor distance  
10 mm



**4A** Calzare la slitta del art 6503 nel cardine inferiore  
Insert the slide of art. 6503 in the lower hinge

**4B** Inserire la relativa bussola senza utilizzare il distanziale in dotazione, per ottenere una distanza porta/pavimento di 8 mm  
Insert the relative bush without using the supplied spacer, to obtain a door / floor distance of 8 mm

**4C** Avvicinare la porta e inserire la slitta art 6503 all'interno del profilo 2441  
Bring the door closer and insert the 6503 slide inside the 2441 profile

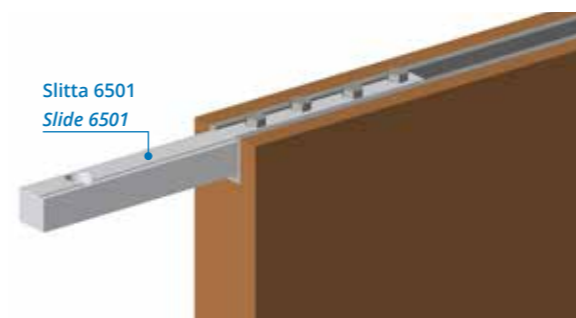


**4A** Calzare la slitta del art 6503 nel cardine inferiore  
Insert the slide of art. 6503 in the lower hinge

**4B** Inserire la relativa bussola utilizzando il distanziale in dotazione, per ottenere una distanza porta/pavimento di 10 mm  
Insert the relative bush using the supplied spacer, to obtain a door / floor distance of 10 mm

**4C** Avvicinare la porta e inserire la slitta art 6503 all'interno del profilo 2441  
Bring the door closer and insert the 6503 slide inside the 2441 profile

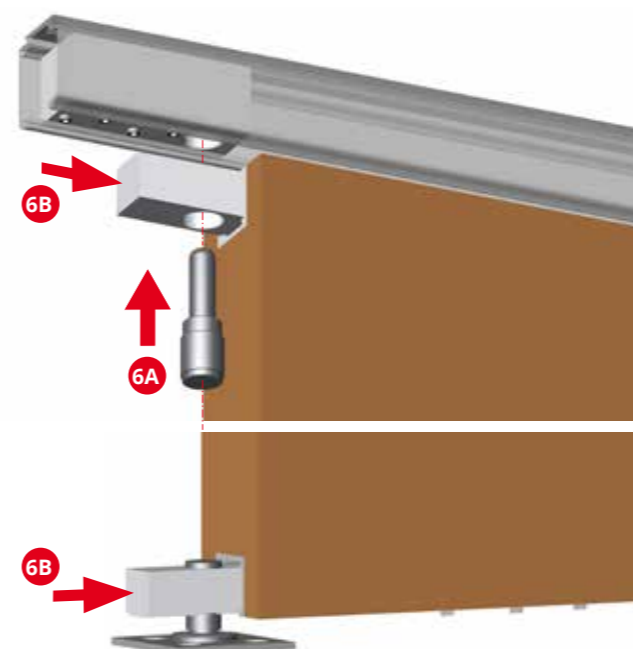
**5**



Inserire parzialmente la sola slitta del cardine superiore (art 6501) nel profilo 2441 superiore, lasciando le 4 viti di fissaggio allentate

Partially insert only the upper hinge slide (art 6501) in the upper profile 2441, leaving the 4 fixing screws loose.

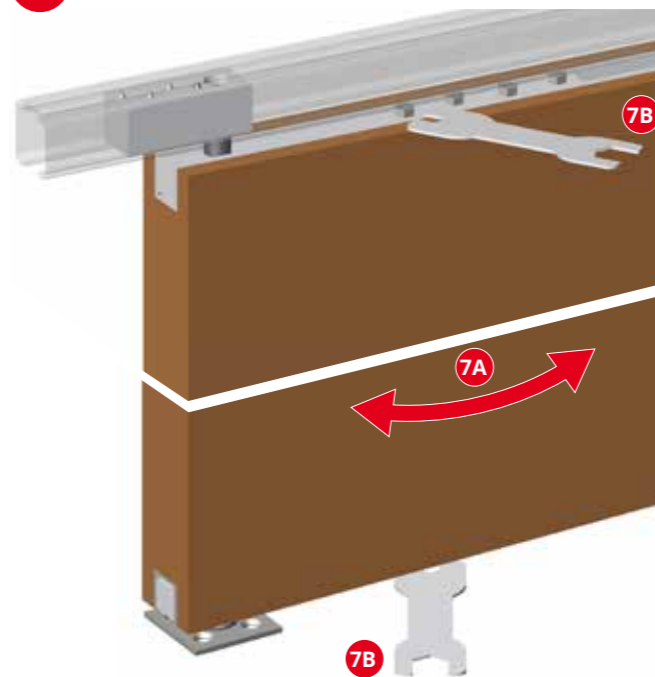
**6**



**6A** Inserire il perno nella slitta superiore  
Insert the pin into the upper slide

**6B** Proseguire l'avvicinamento della porta fino alla posizione approssimativa desiderata del fulcro di rotazione  
Continue approaching the door to the approximate desired position of the fulcrum

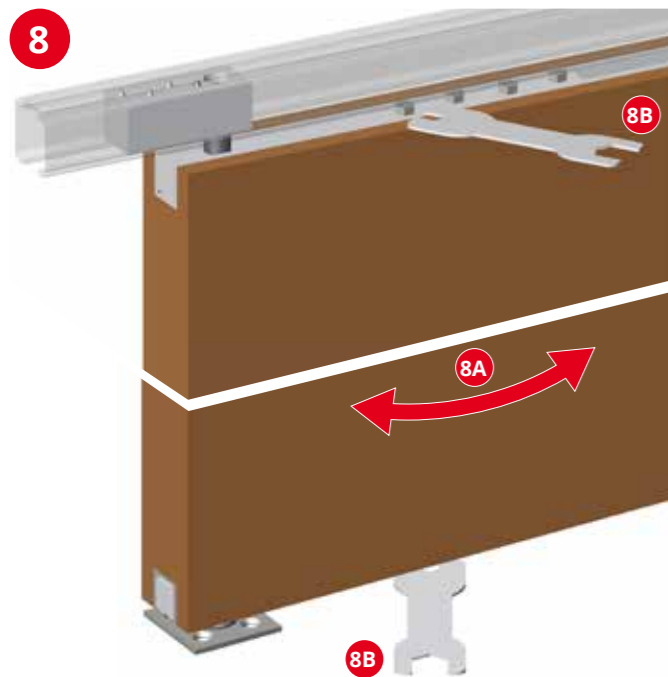
**7**



**7A** Regolare il parallelismo/perpendicolarità della porta, spostando le slitte all'interno del profilo del 2441  
Adjust the parallelism/perpendicularity of the door moving the slides inside the 2441 profile

**7B** Serrare le 4 viti di ogni slitta per fissare la corretta posizione  
Tight the 4 screws of each slide to fix the right position

Serie 6500

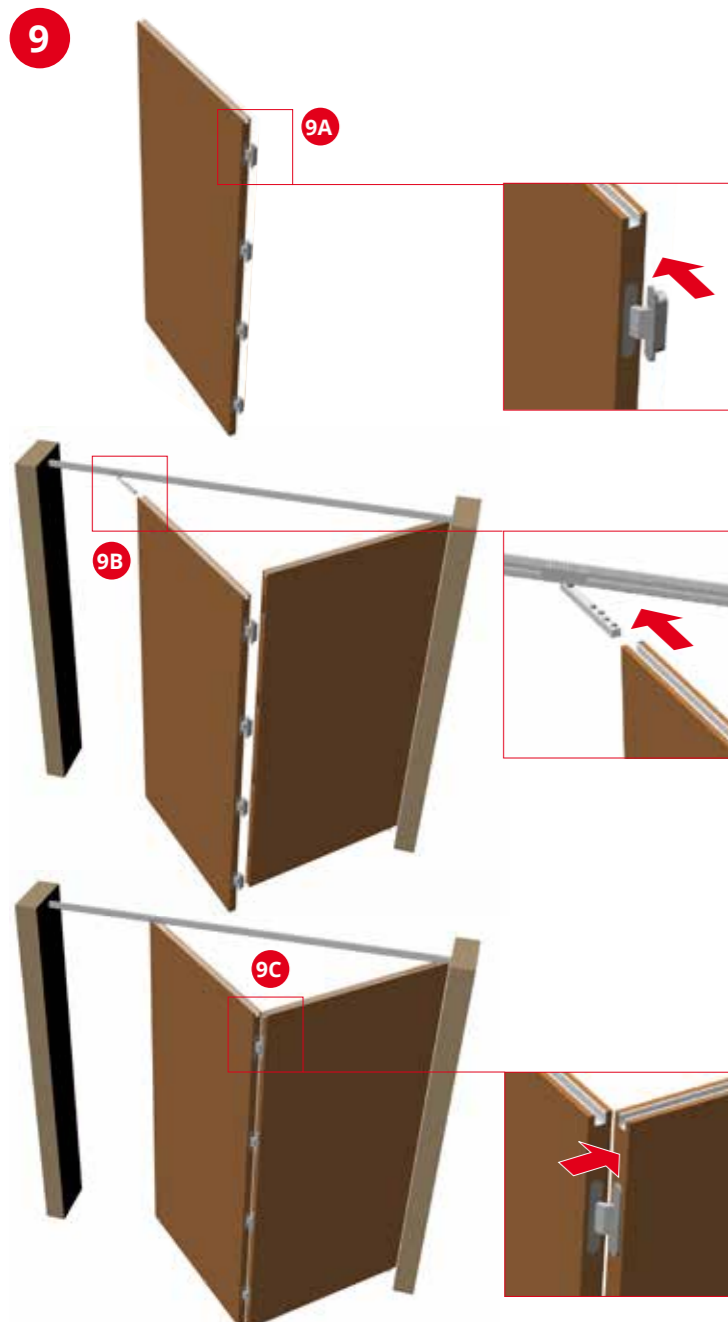


**8A** Regolare il parallelismo/perpendicolarità della porta, spostando le slitte all'interno del profilo 2441

*Adjust the parallelism/perpendicularity of the door moving the slides inside the 2441 profile*

**8B** Serrare le 4 viti di ogni slitta per fissare la corretta posizione

*Tight the 4 screws of each slide to fix the right position*



Una volta fissata e regolata la prima anta ai cardini procedere con il montaggio della seconda anta come segue

*Once the first leaf has been fixed and adjusted to the hinges, proceed with the assembly of the second leaf as follows*

**9A** Montare le cerniere sulla seconda anta  
*Mount the hinges on the second door*

**9B** Inserire la slitta col carrello nella seconda anta  
*Insert the slide with the trolley in the second leaf*

**9C** A questo punto fissare le cerniere anche alla prima anta unendo le due porte  
*At this point, fasten the hinges to the first leaf as well, joining the two doors*

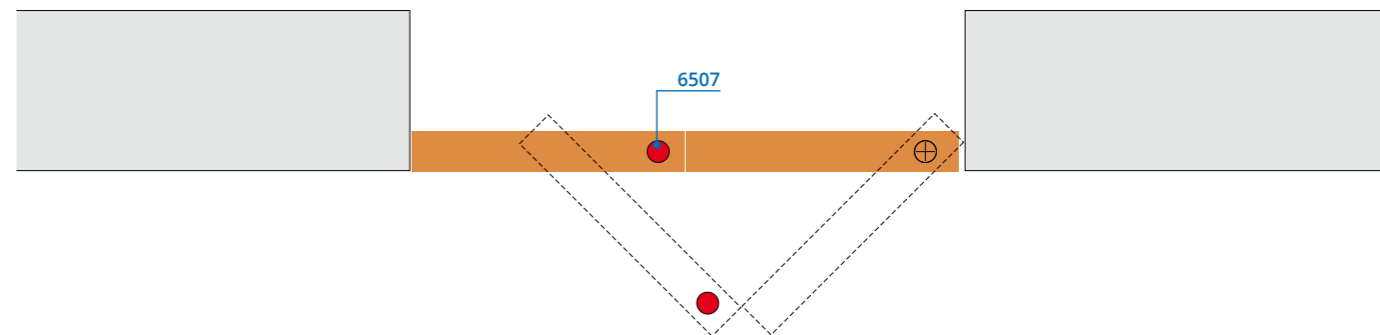
In presenza di più ante ripetere queste operazioni per ognuna di esse

*In the presence of more leaves, repeat these operations for each of them*

## Montaggio blocco opzionale art 6507 | *Optional block assembly art 6507*

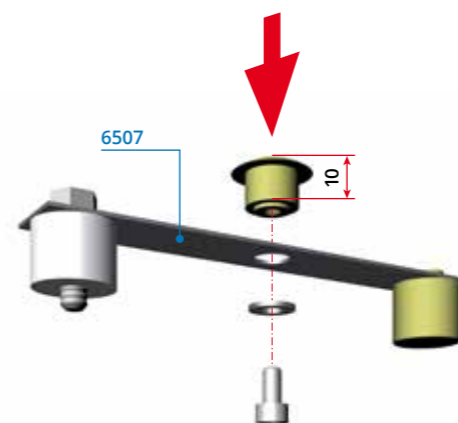
**1**

Il blocco opzionale art 6507 è compatibile con il binario 2201 il quale può essere sia incassato che esterno. E' consigliato posizionare il blocco al centro della porta per assicurare un migliore allineamento in chiusura. *The optional block art. 6507 is compatible with the 2201 track which can be both recessed and external. It is recommended to place the block in the center of the door to ensure better alignment in closing*



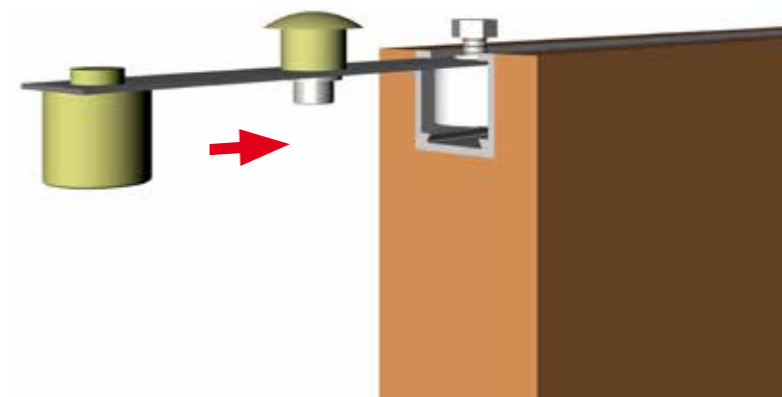
**2**

**Distanza porta/binario 10 mm**  
*Door/rail distance 10 mm*



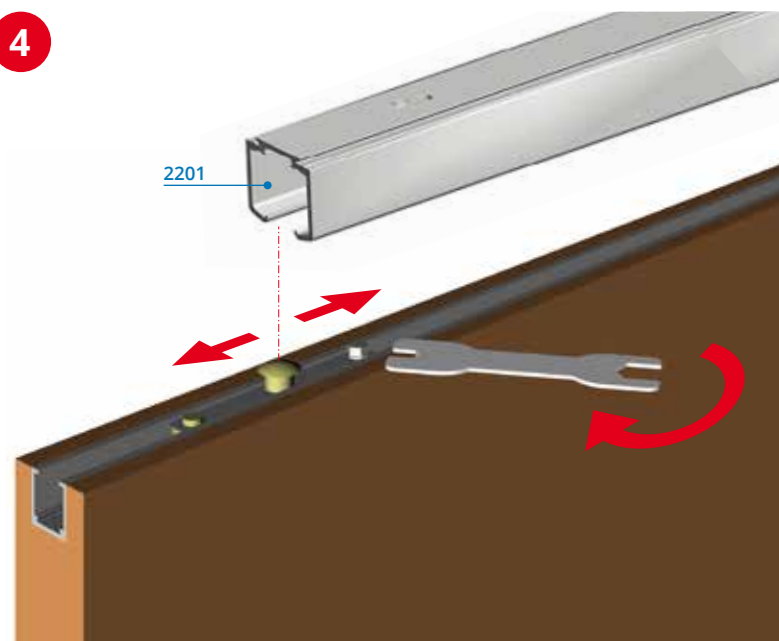
Montare il puntale più alto (10 mm) in dotazione  
*Mount the highest tip (10 mm) supplied*

**3**



Inserire il blocco completo 6507 nel binario 2441  
*Insert complete block 6507 into rail 2441*

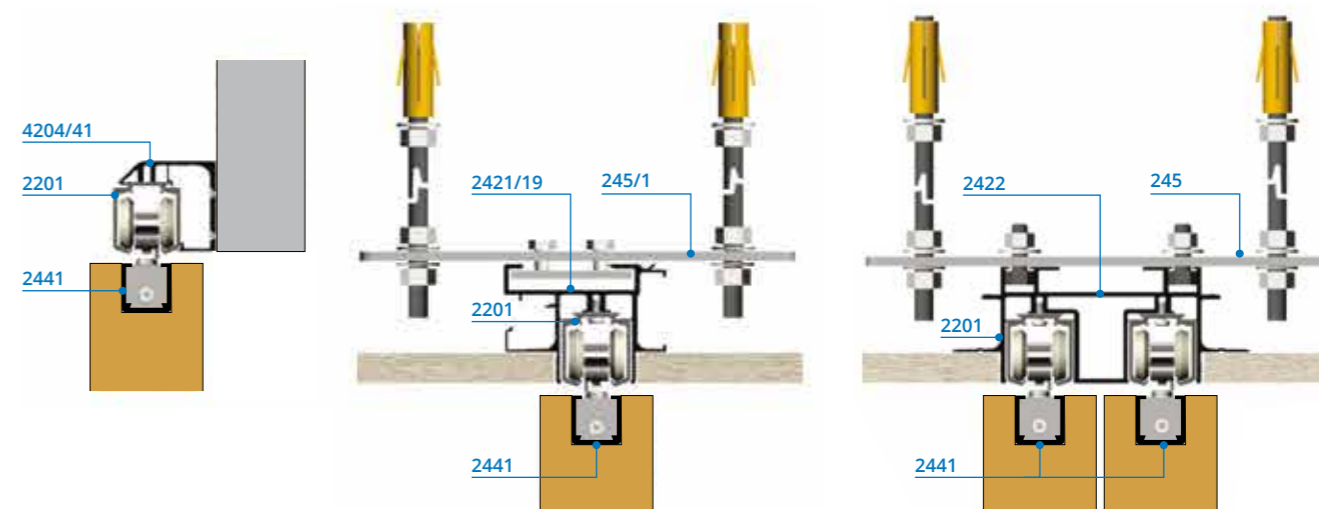
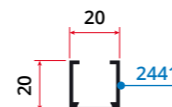
4



Posizionare l'art 6507 verso il centro della porta e bloccarlo tramite la vite di fissaggio  
 Position the art. 6507 towards the center of the door and lock it with the fixing screw

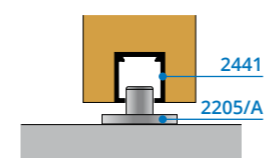
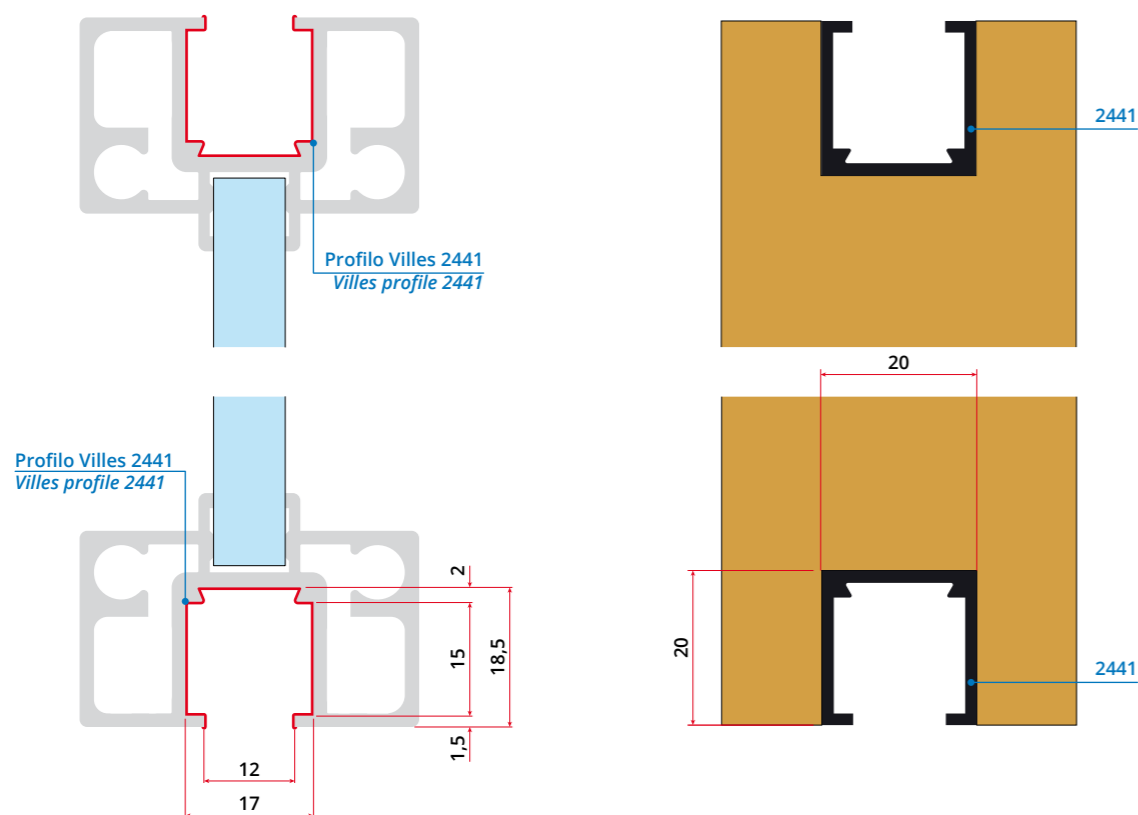
Compatibilità totale delle porte tra i sistemi a bilico e scorrevoli  
 Full door compatibility between pivoting and sliding systems

Tutte le porte predisposte per il nostro sistema a bilico 6500 possono essere utilizzate anche come porte scorrevoli tramite gli accessori della serie 2200 senza apportare nessuna modifica  
 All doors designed for our 6500 pivoting system can also be used as sliding doors with the accessories of the 2200 series without making any modifications



Varianti e optional | Variants and optionals

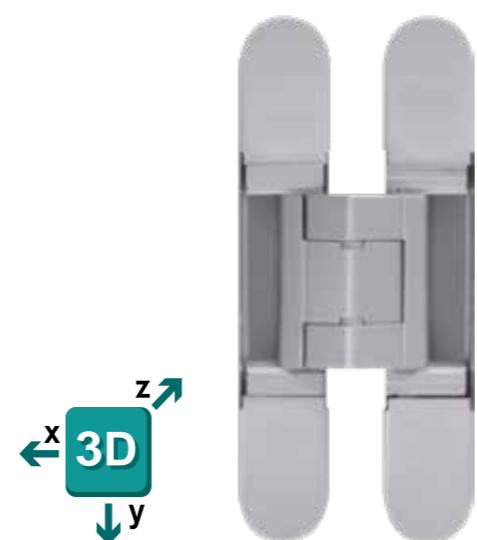
Possibilità di integrare il profilo Villes all'interno di telai proprietari  
 Possibility of integrating the Villes profile into own frames



Kit compatibili  
 Matching kits  
 2453 - 5670/S

Serie 6500

Cerniera art. 5243 | Hinge art. 5243

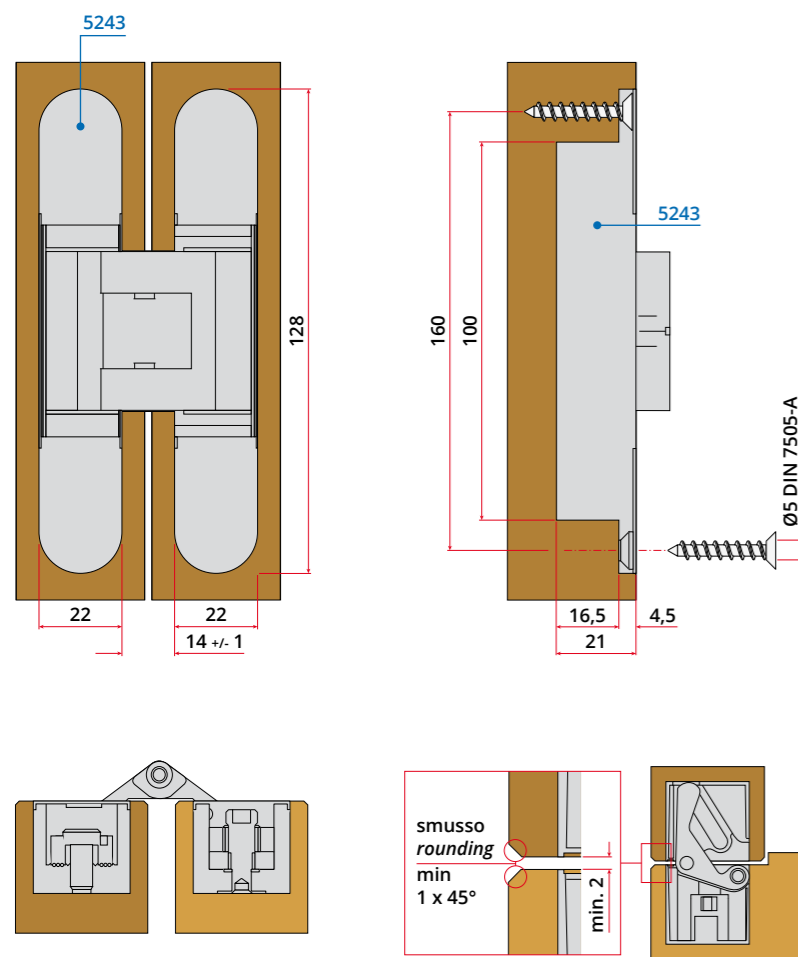


Cerniera realizzata in zama in sette diverse finiture  
 Adatta per ante con uno spessore minimo di 28 mm  
 Adatta per porte con ricopertura in poliester  
 Lunghezza totale 128 mm  
 Profonda solo 21 mm  
 Regolazione 3D con unico utensile  
 Portata fino a 60 kg e 1000 mm di larghezza anta  
 Installazione semplificata e simmetria cava  
 Zamak hinge in seven different finishes  
 Suitable for doors of 28 mm min. thickness  
 Suitable for polyester overcoating doors  
 Total length 128 mm  
 Depth 21 mm only  
 3D adjusting system with with a single tool  
 Load capacity up to 60 kg and 1100 mm door width  
 Easy installation and slot symmetry

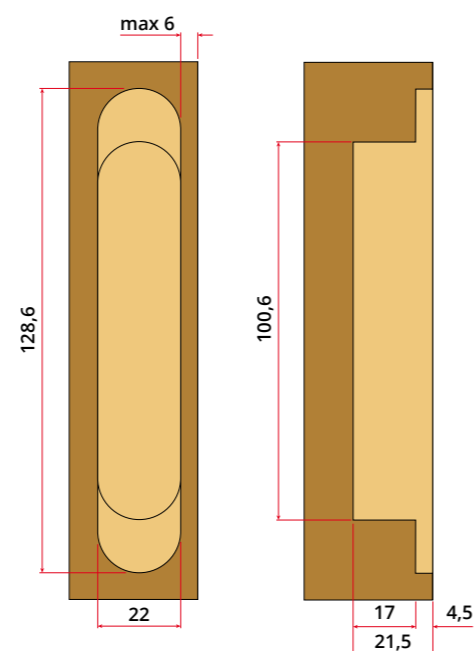
Offriamo la possibilità di integrare il disegno del nostro profilo villes 2441 all'interno di un vostro telaio in alluminio, in modo da mantenere le stesse caratteristiche sia per porte in legno che in vetro intelaiate  
 We offer the possibility to integrate the design of our villes 2441 profile into your aluminum frame, to maintain the same characteristics for both wooden and glass framed doors



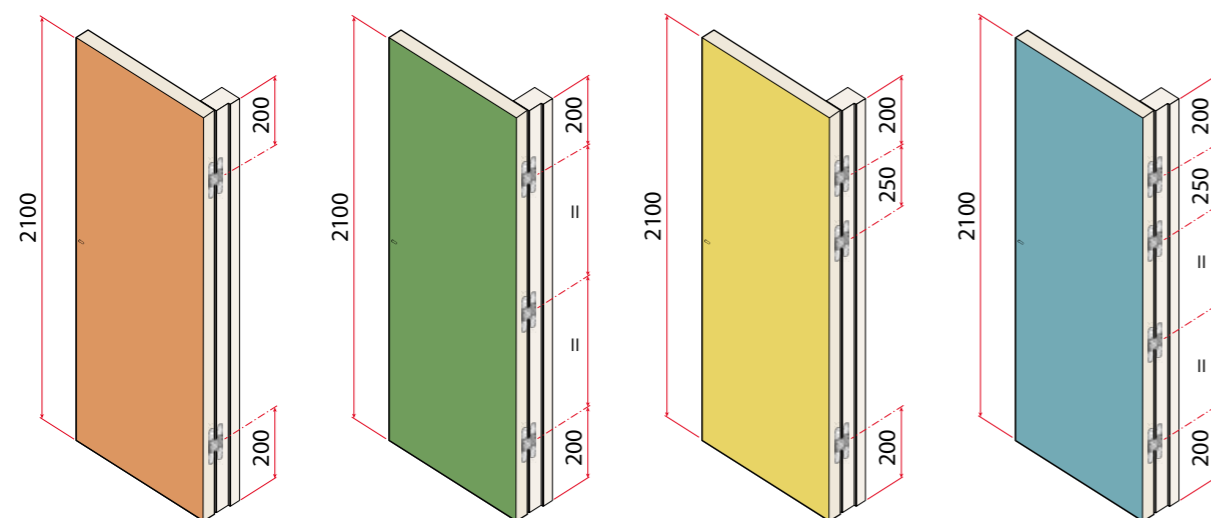
Misure della cerniera | Hinge measurement



Misure della cava | Slot measurement



Schema di portata | Load capacity chart



LP = 1100 mm	MP = 34 kg	MP = 51 kg	MP = 54 kg	MP = 60 kg
LP = 1000 mm	MP = 40 kg	MP = 60 kg	MP = 65 kg	MP = 70 kg
LP = 900 mm	MP = 47 kg	MP = 65 kg	MP = 68 kg	MP = 75 kg
LP = 800 mm	MP = 53 kg	MP = 70 kg	MP = 72 kg	MP = 78 kg
LP = 700 mm	MP = 55 kg	MP = 73 kg	MP = 75 kg	MP = 80 kg

LEGENDA

LP = Larghezza porta | Door width

MP = Massima portata | Maximum load

Lista Kit e profili principali | Kits list and main profiles



**6550**

Art. List: 2449/GO x6 | 6508 x6 | 5666/S x1 | 6506 x1 | 2467 x1 | 6505 x1 | 6504 x1 | 6501 x1 | 6503 x1 | 3308 x1 | 2090 x1 | 220 x1 | 2204 x1

Icons: Kg 200, 700-3200, 2, SOFT, AUTO

**6560**

Art. List: 2449/GO x6 | 6508 x6 | 5669/S x1 | 6506 x1 | 6505 x1 | 6504 x1 | 6501 x1 | 6503 x1 | 5667 x2 | 220 x1 | 3308 x1 | 2204 x1

Icons: Kg 200, 1400-3200, 2, SOFT, AUTO

**6554**

Art. List: 2449/GO x10 | 6508 x10 | 2467 x1 | 2544/S x3 | 6506 x3 | 6505 x1 | 6504 x1 | 6501 x1 | 6503 x1 | 220 x1 | 3308 x1 | 2090 x1 | 2204 x1

Icons: Kg 200, 1000-5000, 4, SOFT, AUTO

**6555**

Art. List: 6513 x10 | 6512 x10

Icons: Kg 200, 400-2500, 1, SOFT, AUTO

**6571**

Art. List: 6507 x1 | 2204 x1

Icons: Kg 200, 400-2500, 1, SOFT, AUTO

**6530**

Art. List: 6500/10 x2 | 6500/8 x2

Icons: Kg 200, 400-3200, 1, SOFT, AUTO

**6535**

Art. List: 5243/A x4

Icons: Kg 200, 400-2500, 1, SOFT, AUTO

Serie 6500