



QUADRA-CLAUSTRA
CASMA

www.casma.

interior doors
puertas interiores

PORTE INTERNE

Serie Quadra

Serie Claustra

Maniglie

Lever handles

Manillas

Accessori

Accessories

Acesorios

Sezione Tecnica

technical section

sección técnica

Design Corner



interior doors
puertas interiores

E INTERNE

Casma è certificata ISO 9001:2000 numero di registro
CERT-02672-98-AQ-MIL-SINCERT.
Le serrature sono conformi alle norme DIN 18251 Classe 4
(100.000 cicli della mandata e 500.000 cicli dello scrocco).

Casma presenta con orgoglio le nuove serie di accessori per porte interne Quadra e
Claustra adatte ad installazioni a stipite a norme DIN e non.
Le due serie hanno medesima applicazione ma design diverso. Le 6 serrature "Quadra"
e le 6 serrature "Claustra" coprono la quasi totalità delle esigenze di questa
specializzazione.

La cura delle finiture e dei dettagli, ed i materiali utilizzati sono in grado di soddisfare i
prescrittori più esigenti.

La scelta dei complementi quali maniglie, catenaccioli, cerniere tipo "Anuba ", è stata
frutto di approfondite ricerche sia dal punto di vista del design sia della meccanica.

Sulla scorta di un'esperienza ultradecennale, la Casma riunisce la propria tecnologia,
la propria cura manifatturiera, la ricerca quasi fobica del dettaglio in queste due collezioni
che peraltro sono le uniche sul mercato con finitura in acciaio
Inox AISI 316.

CASMA is certified ISO 9001 : 2000 registry number
CERT-02672-98-AQ-MIL-SINCERT
Casma is pleased to announce the availability of Claustra (round profile) and of Quadra
(angular profile) range of Interior Glass Door Hardware.

Attention to detail in the design and manufacturing of each item combined with the experience of the
Casma production facility means that we are able to present a system that allows a full size glass door
to be installed into an existing or new door opening made from wood, steel, or aluminium. Casma
range of interior door hardware is the only one with covers in high grade AISI 316 stainless steel.

The Claustra and the Quadra door locks are manufactured according to the DIN 18251 "Class 4"
German Standards i.e. latch function (500,000 cycles) and bolt function (100,000 cycles). This ensures
the reliability and long life.

The creation of the Claustra and Quadra products has resulted in a truly innovative and exciting range
of door furniture for Interior Glass Door installations and compliments many types of glass application
in offices, shops, hotels, and many domestic situations.

Casma posee la certificación ISO 9001: 2000 número de registro
CERT-02672-98-AQ-MIL-SINCERT.
Las cerraduras han obtenido la auto-certificación según las normas DIN 18251 Clase 4 gracias a los
tests efectuados sobre la palanca (100.000 ciclos) y sobre el picaporte (500.000 ciclos).
Casma presenta con orgullo la nueva serie de accesorios para puertas internas adaptadas a
instalaciones con jamba con y sin norma DIN, de nombre Quadra y Claustra.
Las dos series tienen la misma aplicación pero distinto diseño.
La amplitud de las soluciones presentadas por Quadra y Claustra cubren la casi totalidad de las
exigencias de esta especialización. El esmero de los acabados y de los detalles y el material utilizado
satisfacerán al prescriptor más exigente.
La elección de los complementos, manecillas, cerrojos, anuba, es el fruto de una profunda selección.
Con el bagaje de una experiencia de decenios, Casma reúne la propia tecnología, la búsqueda casi
obsesiva del detalle en estas dos colecciones, que por otro lado son las únicas en el mercado con
acabado en acero inoxidable AISI 316



Caratteristiche tecniche Technical characterictics Características tecnicas	12731/2	12790	13100	13160	serrature locks cerraduras Quadra	15810	13200	13260	serrature locks cerraduras Claustra	15820	14300
Spessore del vetro mm Glass thickness mm Espesor del vidrio mm	8-10	8-10	8-10	8-10	8-10	8-10	8-10	8-10	8-10	8-10	8-10
Spessore del vetro in esecuzione speciale (non per stipiti a norme DIN) Glass thickness in special execution (not for jamb installations regulated DIN) Espesor del vidrio en ejecución especial (solo para instalaciones con jamba sin norma DIN)	12-1/2"	12-1/2"	12-1/2"			12-1/2"	12-1/2"			12-1/2"	
Peso massimo della porta Kg Max. door weight Kg Peso máximo de la puerta Kg	60	60	50	50			50	50			
Larghezza massima della porta mm Max. door width mm Ancho máximo de la puerta mm	1000	1000	1000	1000			1000	1000			
Coppia di serraggio raccomandata per viti di fissaggio Nm Recommended torque for fixing screws Nm Momento del cerramiento aconsejado para tornillos Nm	14-16	14-16	14-16	14-16	5	10	10	10	5	10	
Peso medio dell'articolo kg Average item weight kg Peso medio del artículo kg	0,5	0,9	0,8	1	1	1,1	0,8	1	1	1,1	0,215
Profondità dello stipite mm Door jamb depth mm Espesor de la jamba mm				24				24			

SPECIFICATION TEXT

Casma “Quadra” and “Claustra” ranges of Interior Door Hardware

- 0.0 Door hardware sets comprising hinges, locking and non locking latches of matching styles and contours.
1.0 “Quadra” hardware range has an angular design
2.0 “Claustra” hardware range has a round profile
3.0 Locks are manufactured according to the DIN 18251 “Class 4” German Standard.
4.0 The hardware is available in the following metals and finishes:
4.1 High Grade Stainless Steel
4.2 Anodized or powder coated Aluminium
4.3 Brass
5.0 Suitable for 8mm, 10mm, 12mm tempered glass
6.0 Suitable for 24 mm deep jambs (German Standard) and other jamb depths
7.0 All locks have safety features (latches cannot be pushed open with a card or similar simple means)
8.0 Different types of cylinders (European Profile Cylinder, Round Cylinder e.g. Kaba, Keso etc)
9.0 Almost any type of lever handle is suitable or can be adapted (by Casma).

- Optional world firsts:
• Locks without lever handle rose
• Lever handle with adjustable alignment

SERIE QUADRA

speedy



Mod. 15100



Mod. 15102



Mod. 15106



Mod. 15112



Mod. 12731



Mod. 12790



Mod. 13100



Mod. 15160



Mod. 15170



Mod. 15810



Mod. 13160





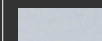
SERIE QUADRA CERNIERE

HINGES - BISAGRAS

speedy

FINITURE - FINISHES - ACABADOS

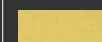
Alluminio - Aluminium - Aluminio



611



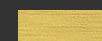
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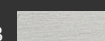
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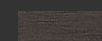
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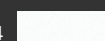
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680



614

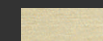


RAL 9010

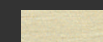


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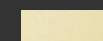
Ottone - Brass - Latón



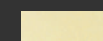
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711

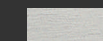


712



713

Acciaio - stainless steel - Acero



810



812

■ Disponibili anche
finiture speciali a
richiesta

Available also special
finishes on request

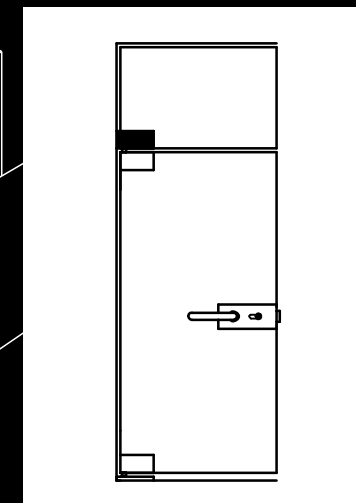
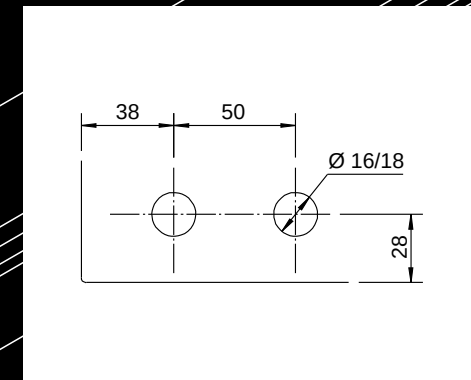
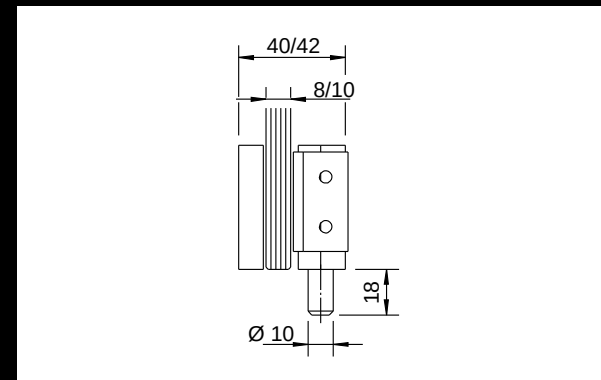
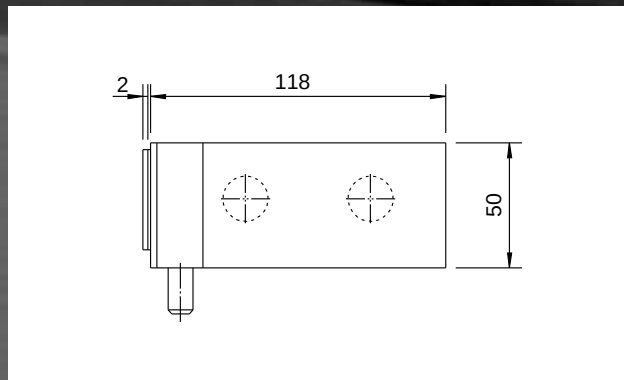
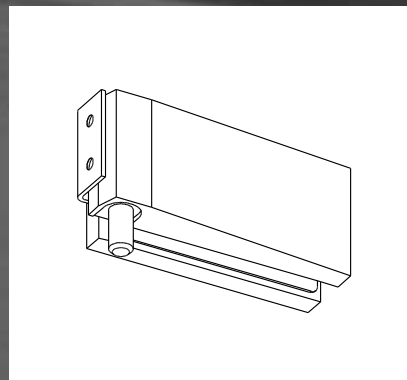
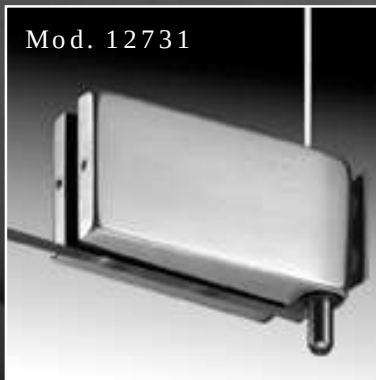
Acabados especiales
también disponibles sobre
pedido

■ Causa limitazioni nel processo di stampa le finiture reali possono
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Due to limitations in the printing process, the actual finishes may differ
from those shown here

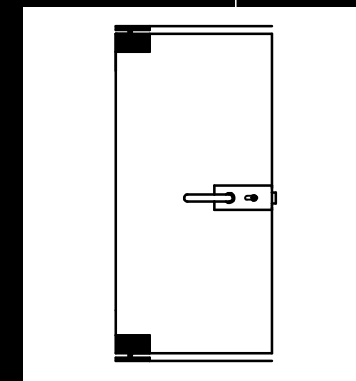
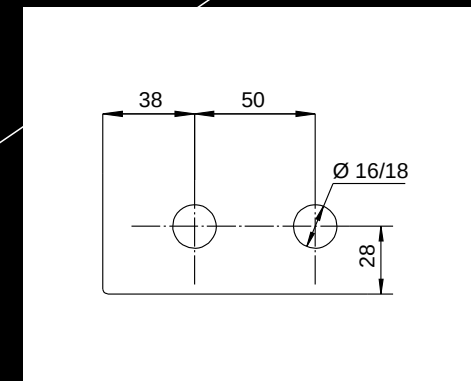
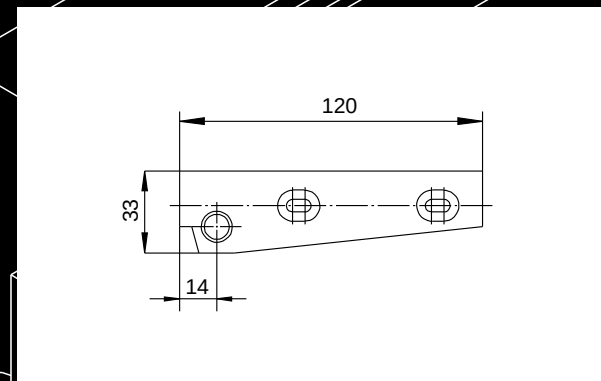
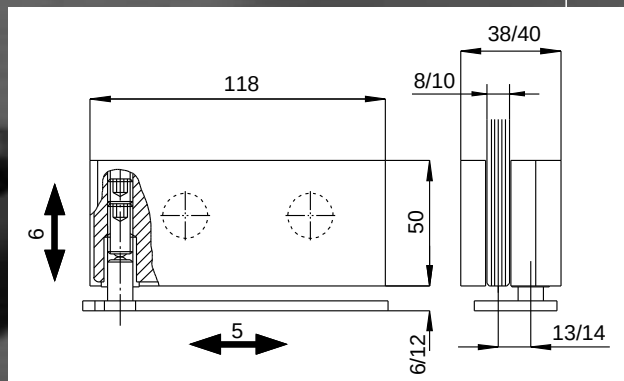
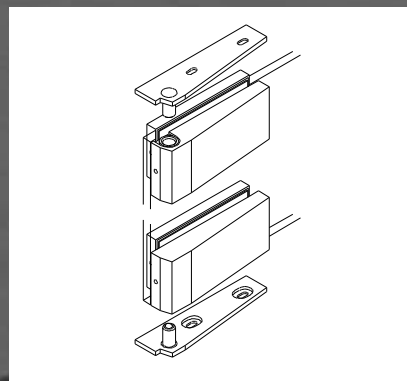
Por limitaciones en el proceso de impresión, los acabados reales pueden
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Mod. 12731



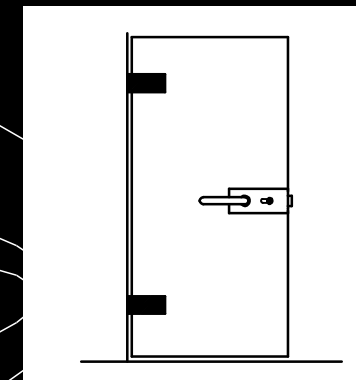
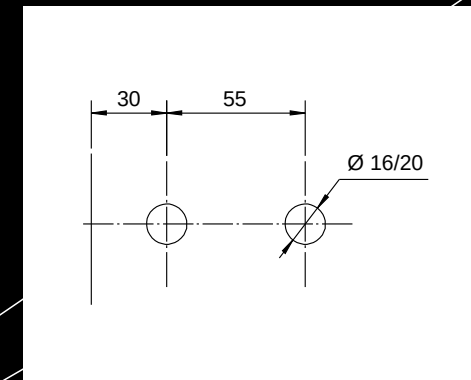
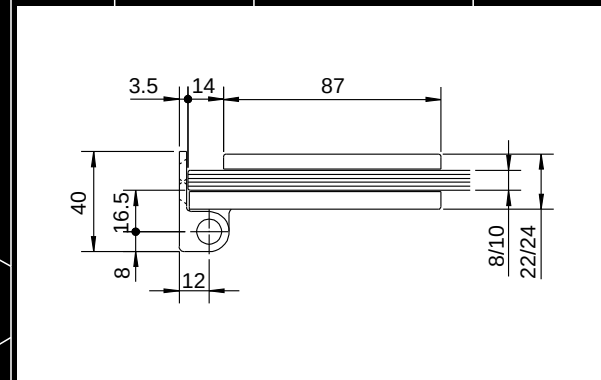
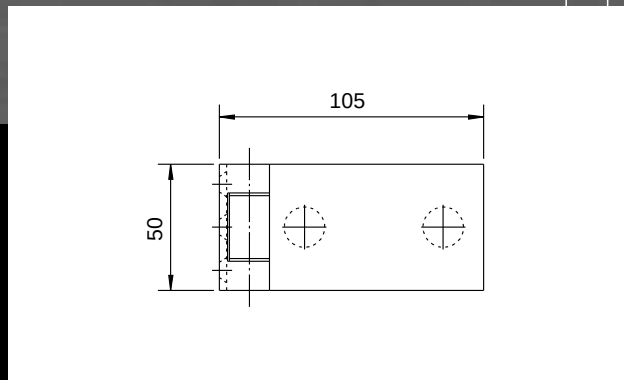
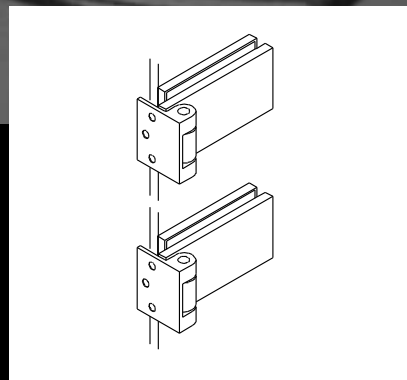
Finiture Disponibili (Available Finishes - Acabados Disponibles) 611 - 612 - 613 - 614 - 615 - 620 - 633 - RAL9010 - 710 - 711 - 712 - 713 - 810 - 812

Mod. 12790



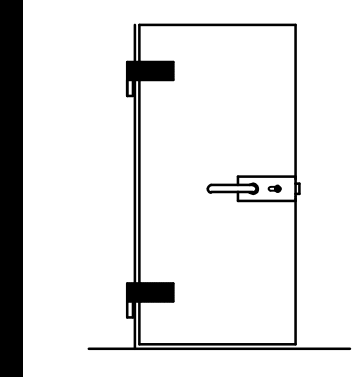
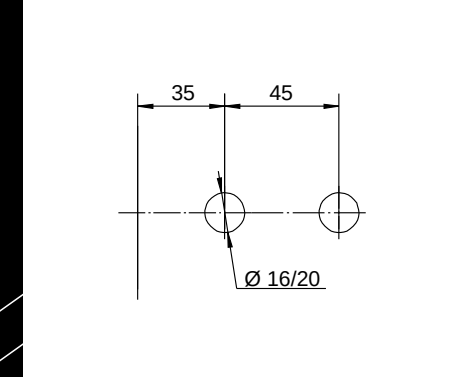
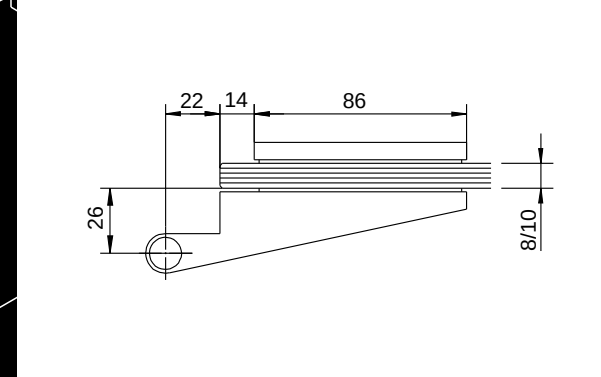
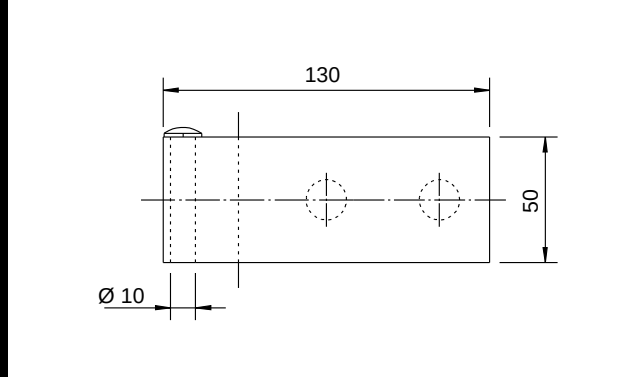
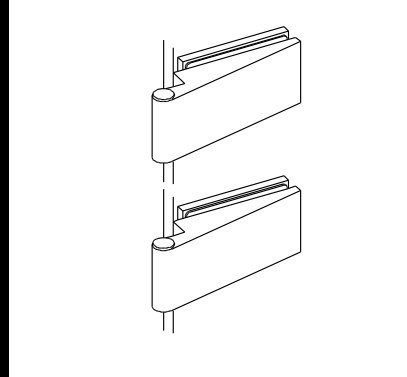
Finiture Disponibili (Available Finishes - Acabados Disponibles) 611 - 612 - 613 - 614 - 615 - 620 - 633 - RAL9010 - 710 - 711 - 712 - 713 - 810 - 812

Mod. 13100



Finiture Disponibili (Available Finishes - Acabados Disponibles) 611 - 612 - 613 - 614 - 615 - 620 - 633 - RAL9010 - 710 - 711 - 712 - 713 - 810 - 812

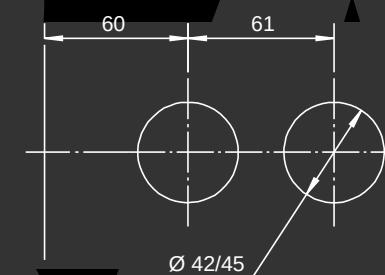
Mod. 13160



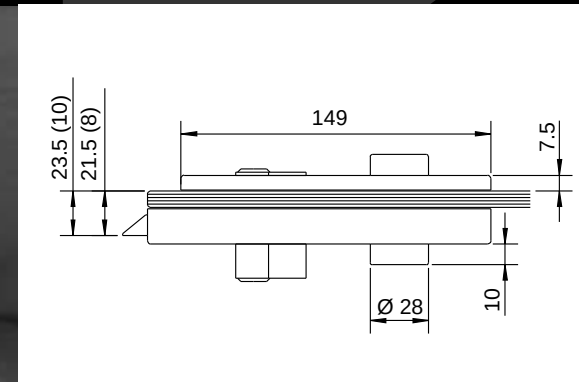
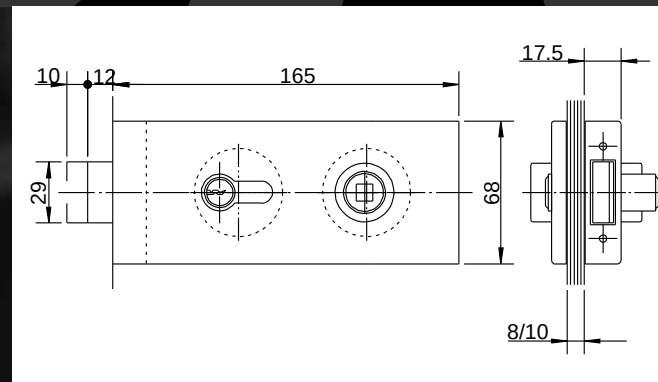
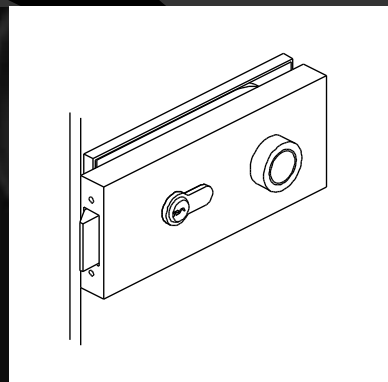
Finiture Disponibili (Available Finishes - Acabados Disponibles) 611 - 612 - 613 - 614 - 615 - 620 - 633 - 680 - RAL9010

SERIE
QUADRA
SERRATURE
LOCKS - CERRADURAS

Lavorazioni Vetro
glass fabrication
muecas en el vidrio



Mod. 15100



FINITURE - FINISHES - ACABADOS

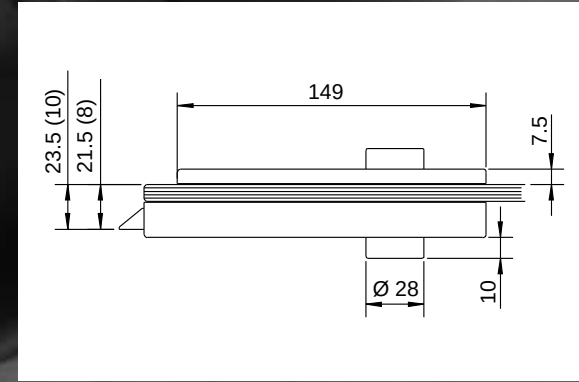
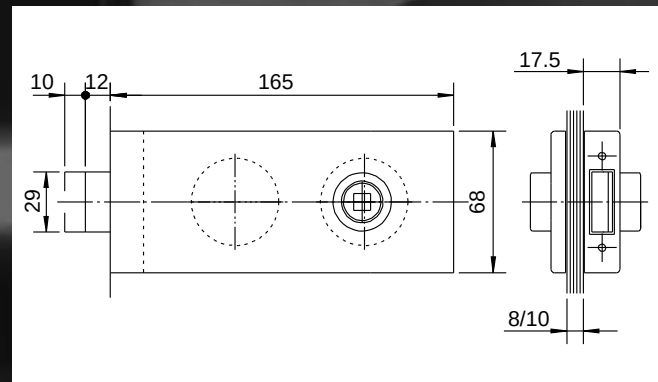
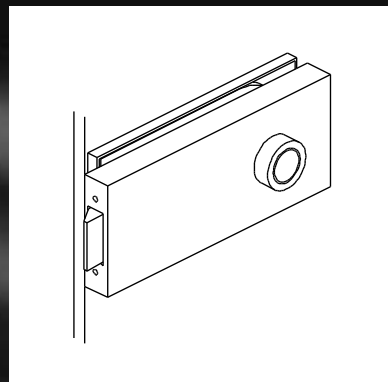
Alluminio - Aluminium - Aluminio			Ottone - Brass - Latón	Acciaio - stainless steel - Acero			
	611		620		710		810
	612		633		711		812
	613		680		712	■ Disponibili anche finiture speciali a richiesta <i>Available also special finishes on request</i> <i>Acabados especiales también disponibles sobre pedido</i>	
	614		RAL 9010		713		
	615						

■ Causa limitazioni nel processo di stampa le finiture reali possono cambiare da quelle qui esposte

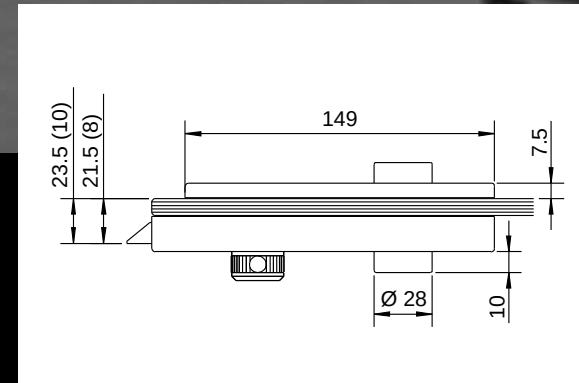
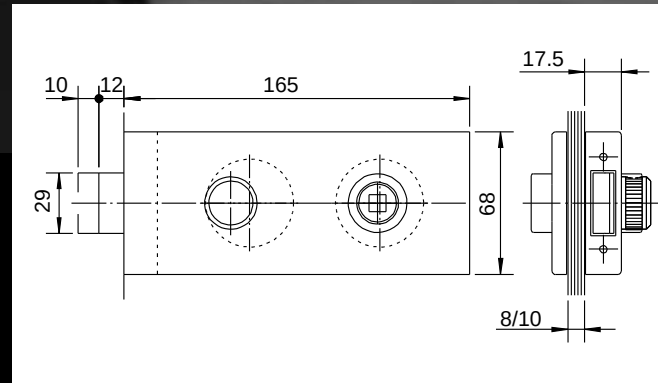
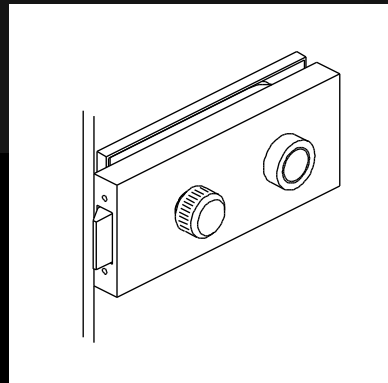
Due to limitations in the printing process, the actual finishes may differ from those shown here

Por limitaciones en el proceso de impresión, los acabados reales pueden variar de los aquí expuestos

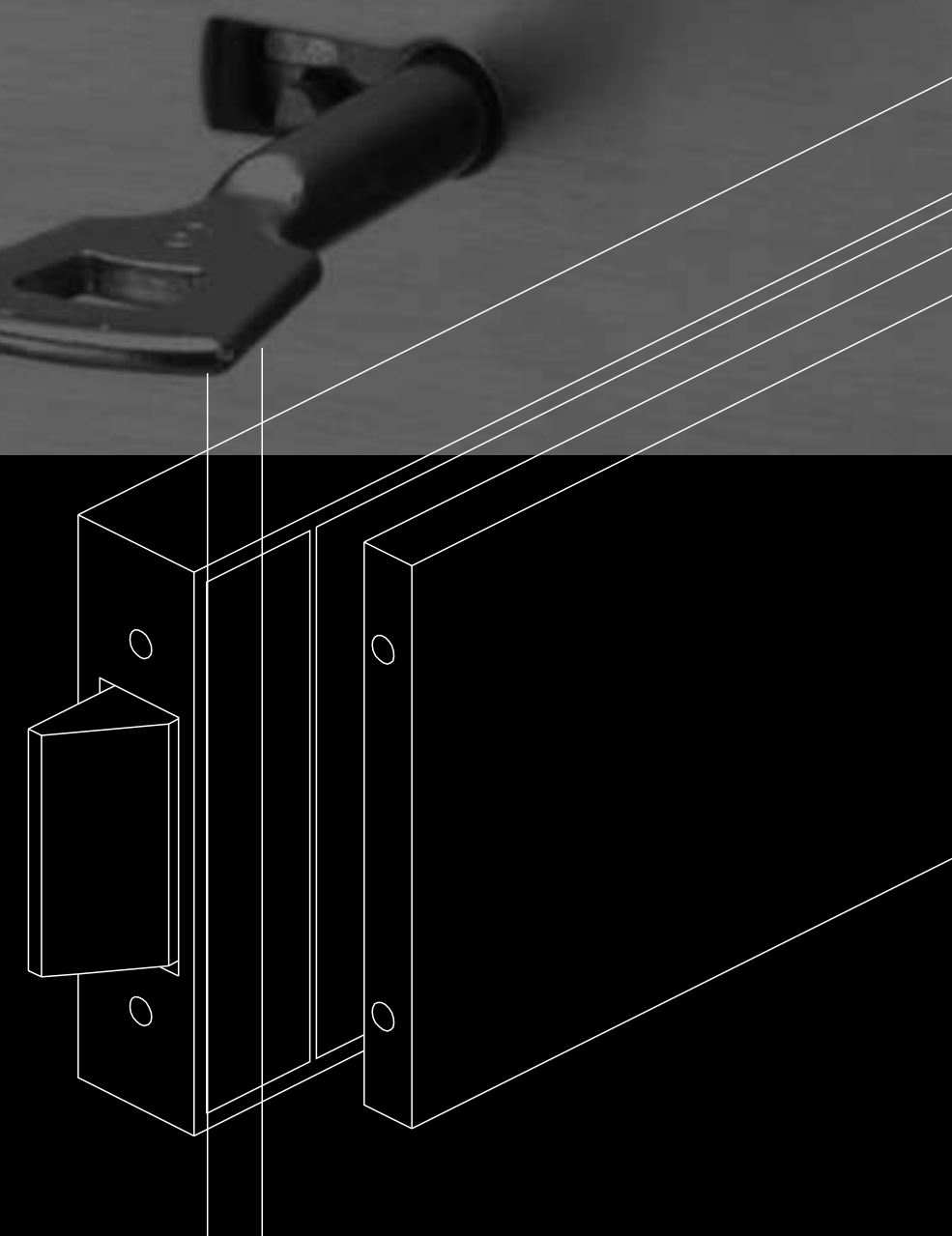
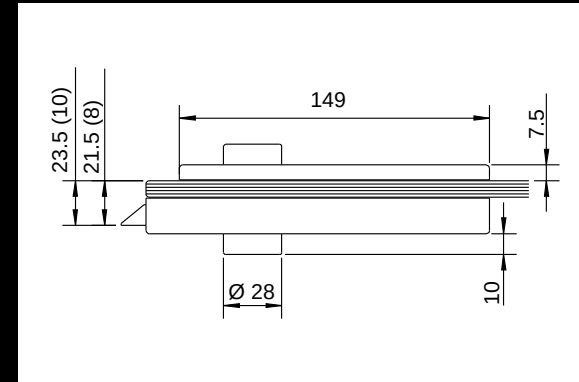
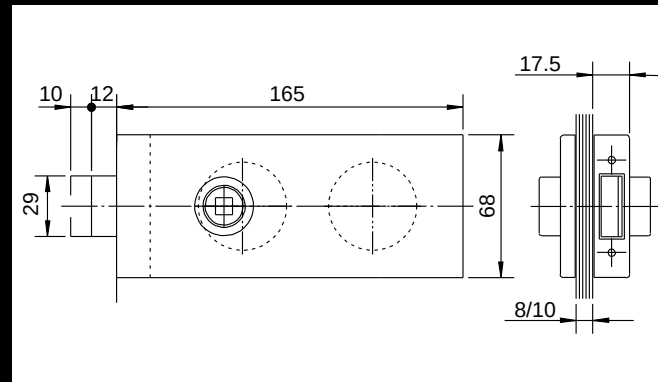
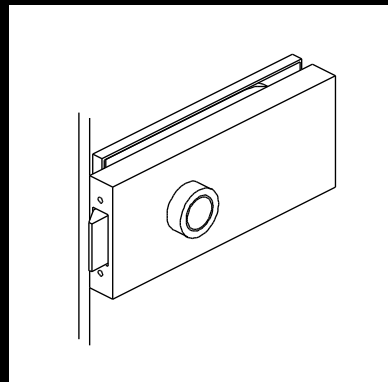
Mod. 15102



Mod. 15106



Mod. 15112

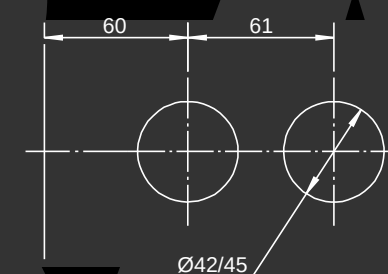




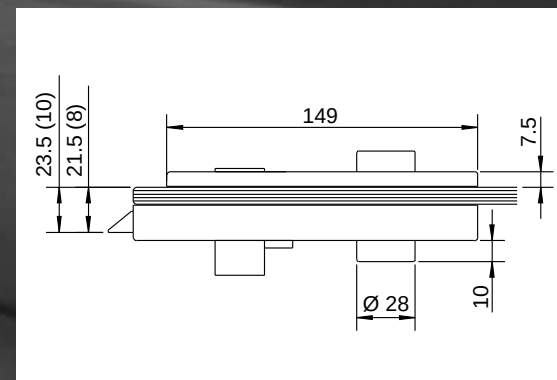
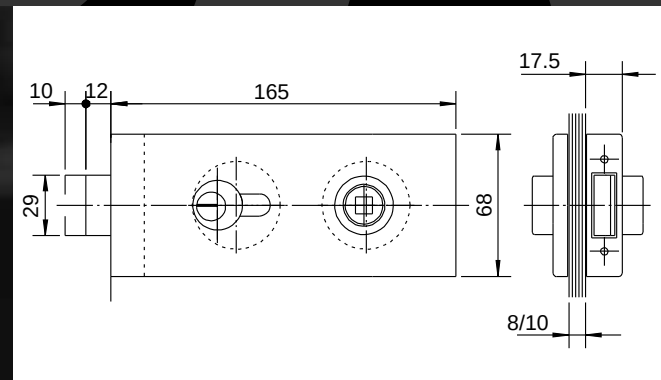
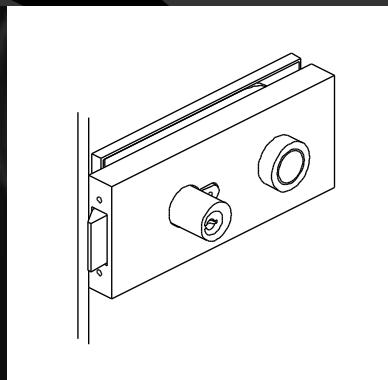
SERIE
QUADRA
SERRATURE
LOCKS - CERRADURAS

speedy

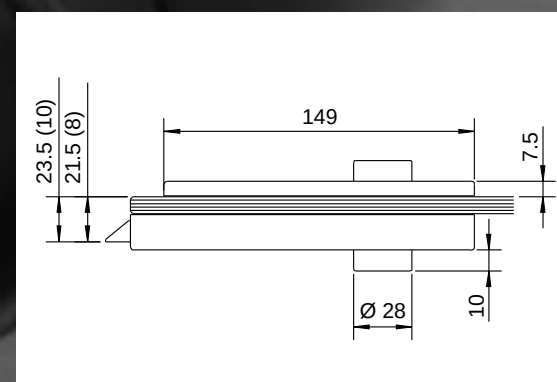
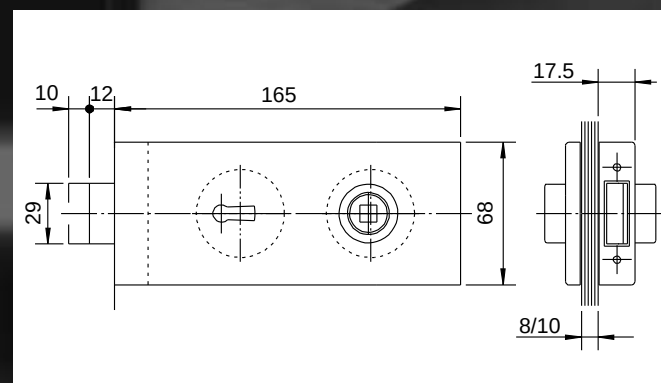
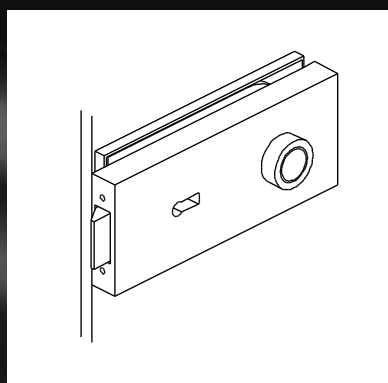
Lavorazioni Vetro
glass fabrication
muestras en el vidrio



Mod. 15160



Mod. 15170



FINITURE - FINISHES - ACABADOS

Alluminio - Aluminium - Aluminio



611



612



613



614



615

Ottone - Brass - Latón

710

711

712

713

Acciaio - stainless steel - Acero

810

812

■ **Disponibili anche
finiture speciali a
richiesta**

*Available also special
finishes on request
Acabados especiales
también disponibles sobre
pedido*

■ **Causa limitazioni nel processo di stampa le finiture reali possono
cambiare
da quelle qui espote**

*Due to limitations in the printing process, the actual finishes may differ
from those shown here*

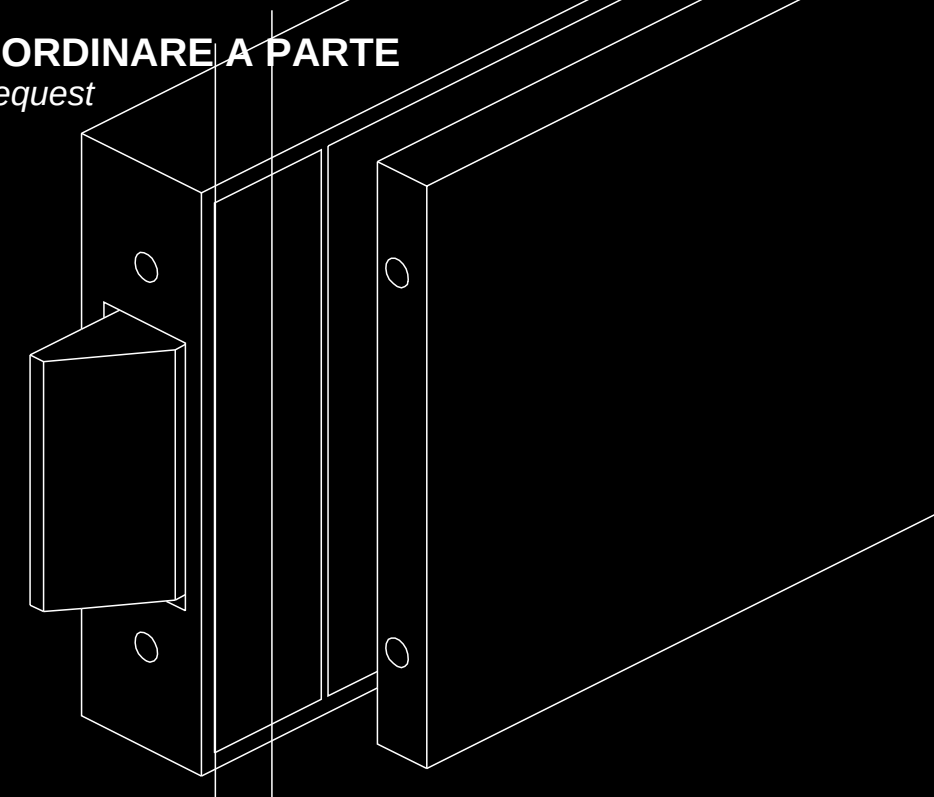
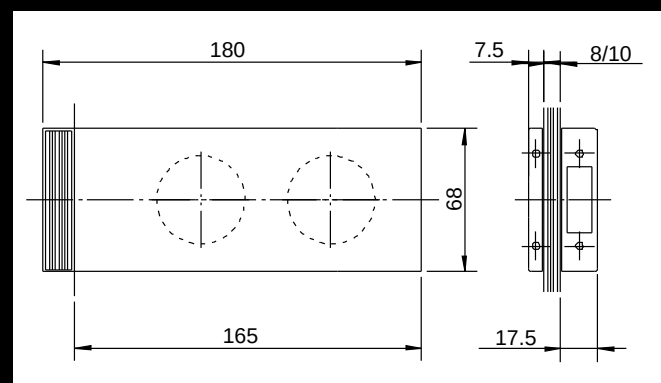
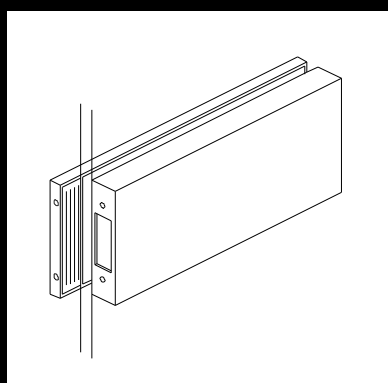
*Por limitaciones en el proceso de impresión, los acabados reales pueden
variar de los aquí expuestos*

N.B. MANIGLIE E CILINDRO DA ORDINARE A PARTE

lever handles and cylinder upon request

manilla y cilindro sobre pedido

Mod. 15810



CLAUSTRAS

SERIE CLAUSTRAS *speedy*



Mod. 15200



Mod. 15202



Mod. 13200



Mod. 15206



Mod. 13260



Mod. 15212



Mod. 15260



Mod. 15270



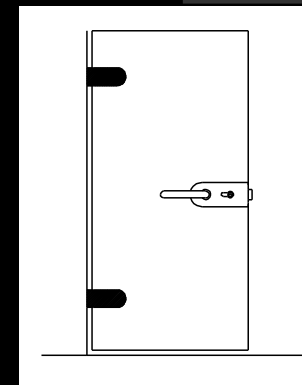
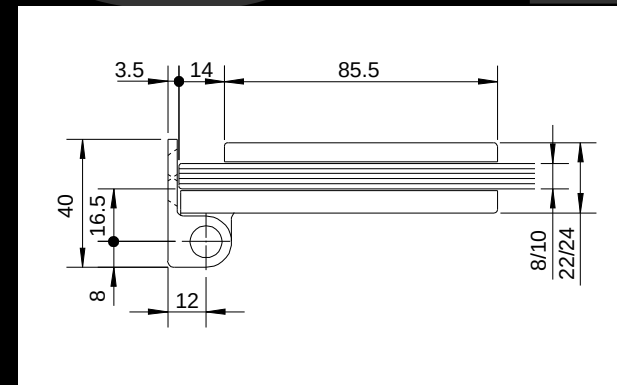
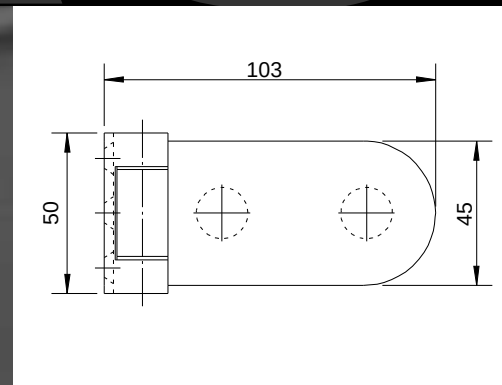
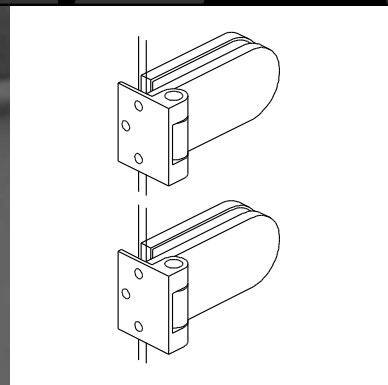
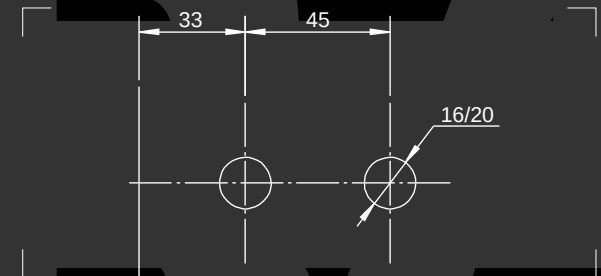
Mod. 15820



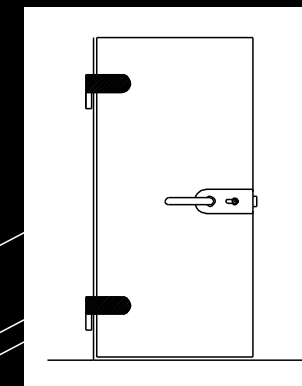
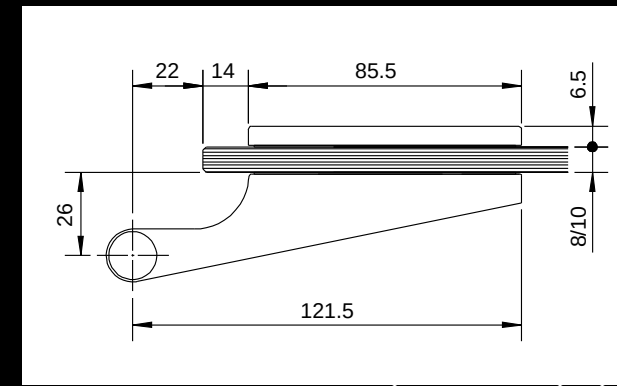
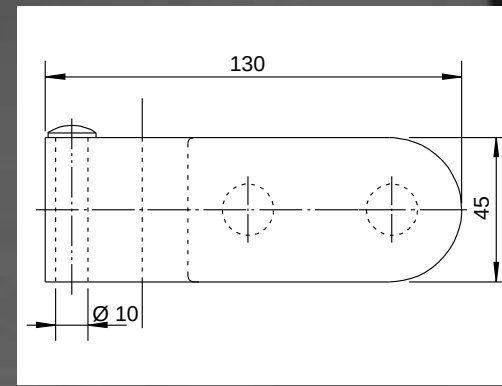
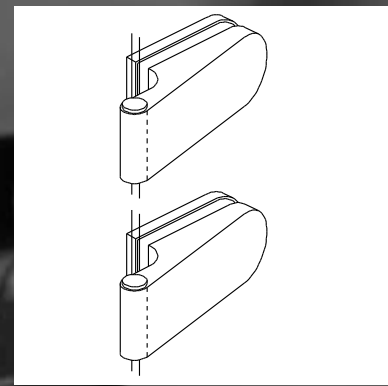


SERIE
CLAUSTRA
CERNIERE
HINGES - BISAGRAS

Lavorazioni Vetro
glass fabrication
muescas en el vidrio



Finiture Disponibili (Available Finishes - Acabados Disponibles) 611 - 612 - 613 - 614 - 615 - 620 - 633 - RAL9010 - 710 - 711 - 712 - 713 - 810 - 812



Finiture Disponibili (Available Finishes - Acabados Disponibles) 611 - 612 - 613 - 614 - 615 - 620 - 633 - 680 - RAL9010

FINITURE - FINISHES - ACABADOS

	610		615		710		810
	611		620		711		812
	612		633		712	Ottone e acciaio lucido (a richiesta) Polished brass and polished stainless steel (on special request) Latón y acero brillante (sobre pedido)	
	613		RAL 9010		713		
	614						
Alluminio Aluminium Aluminio		Ottone e Acciaio Brass - Stainless Steel Latón - Acero					

■ **Disponibili anche finiture speciali a richiesta**

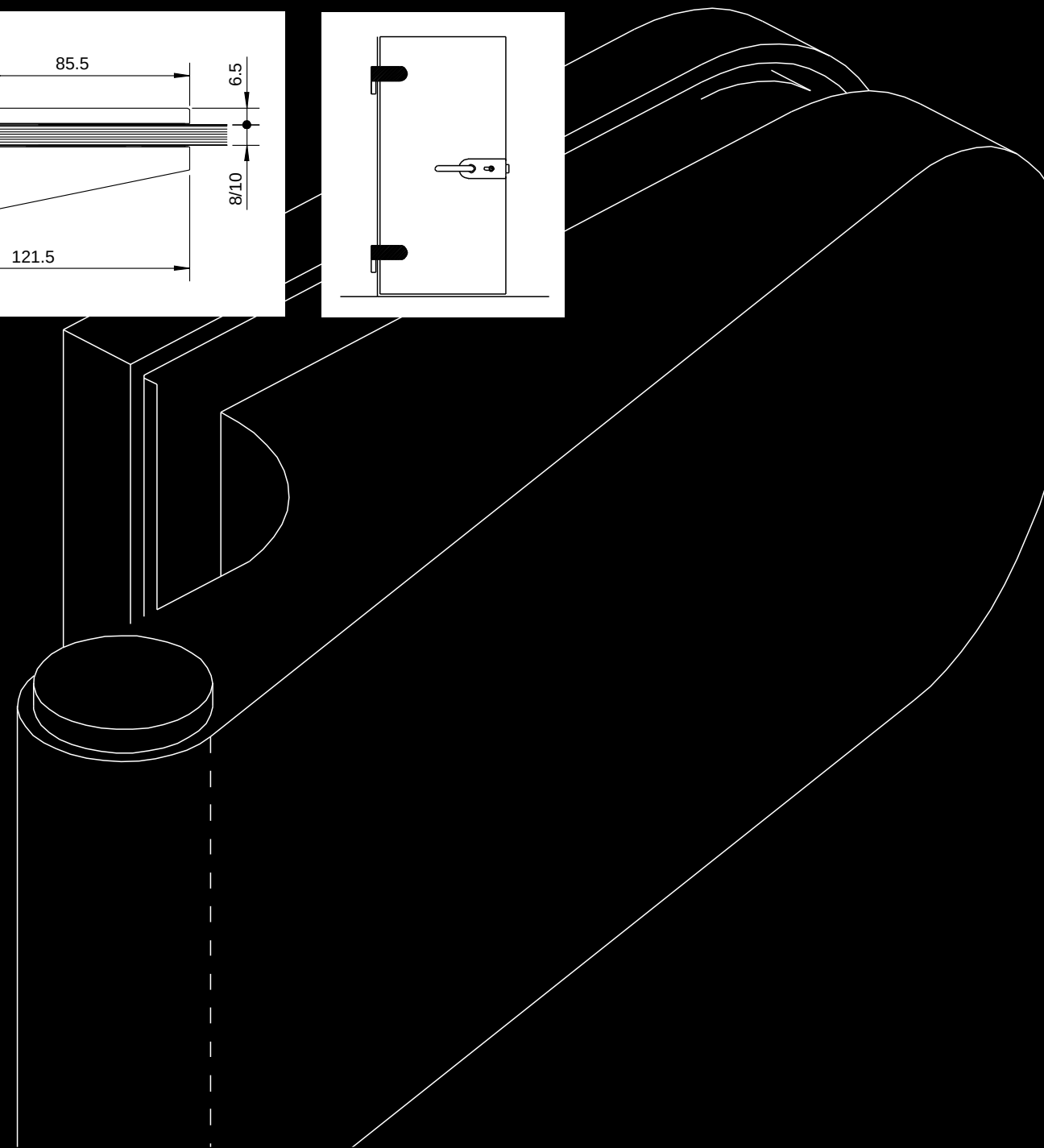
Available also special finishes on request

Acabados especiales también disponibles sobre pedido

■ **Causa limitazioni nel processo di stampa le finiture reali possono cambiare da quelle qui esposte**

Due to limitations in the printing process, the actual finishes may differ from those shown here

Por limitaciones en el proceso de impresión, los acabados reales pueden variar de los aquí expuestos

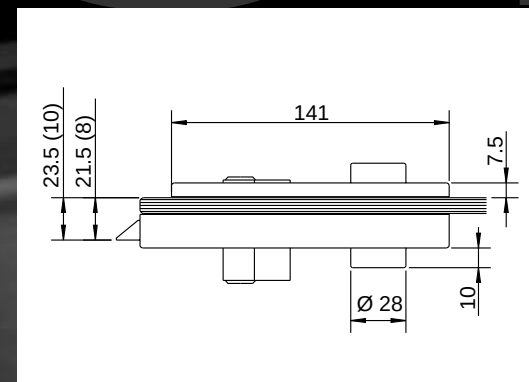
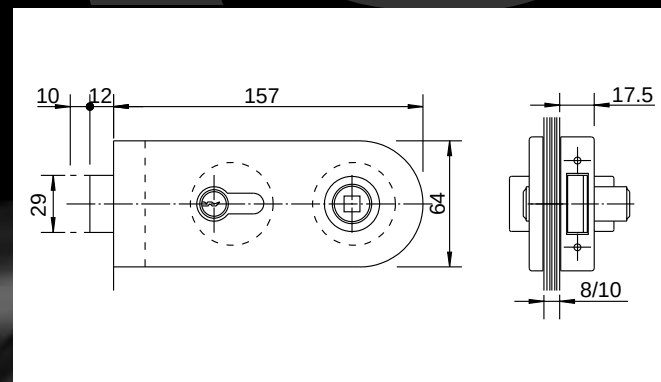
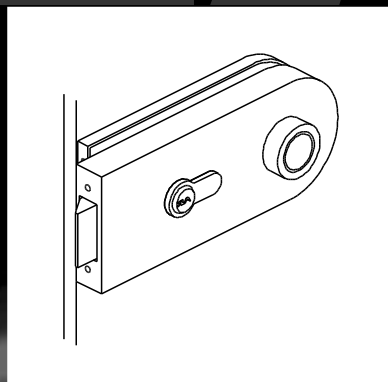
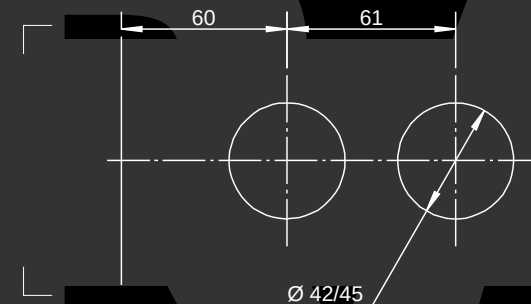




SERIE
CLAUSTRA
SERRATURE
LOCKS - CERRADURAS

speedy

Lavorazioni Vetro
glass fabrication
muescas en el vidrio



FINITURE - FINISHES - ACABADOS

Alluminio - Aluminium - Aluminio

	611		620
	612		633
	613		680
	614		RAL 9010
	615		

Ottone - Brass - Latón

	710
	711
	712
	713

Acciaio - stainless steel - Acero

	810
	812

■ **Disponibili anche
finiture speciali a
richiesta**

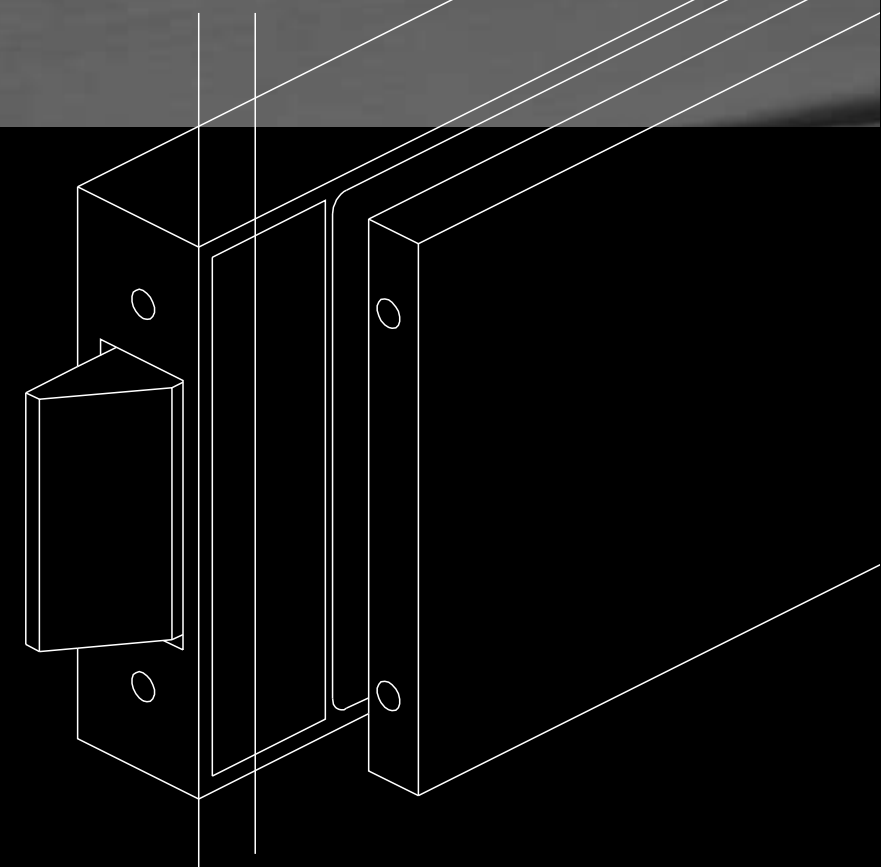
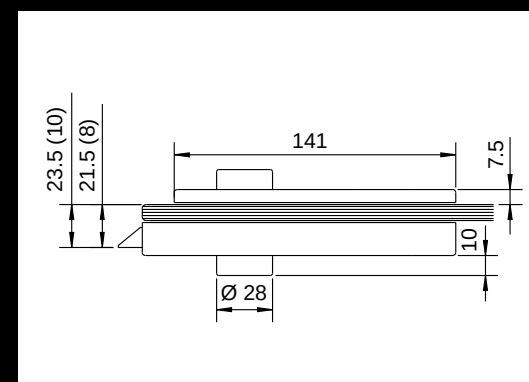
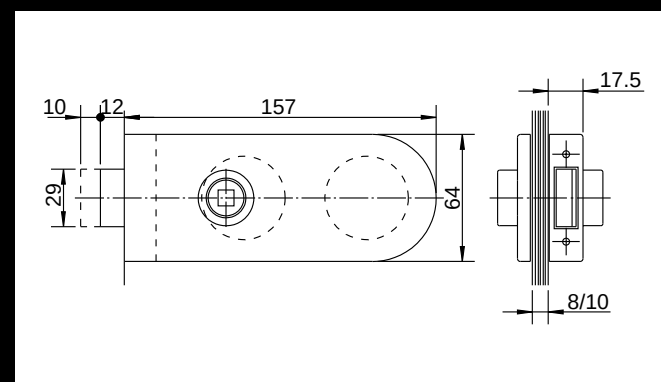
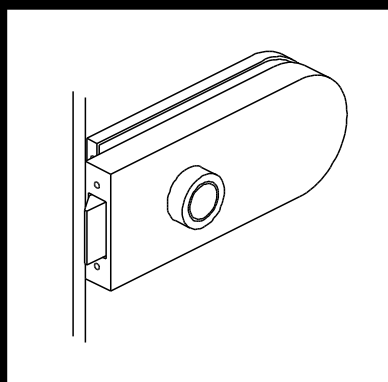
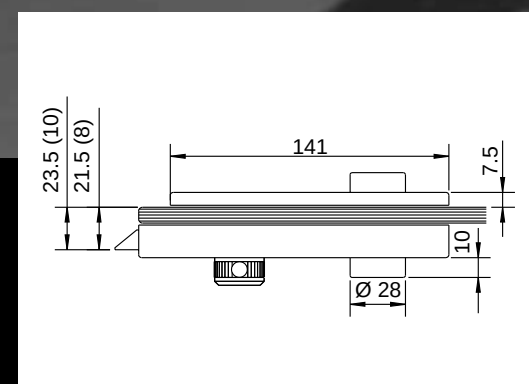
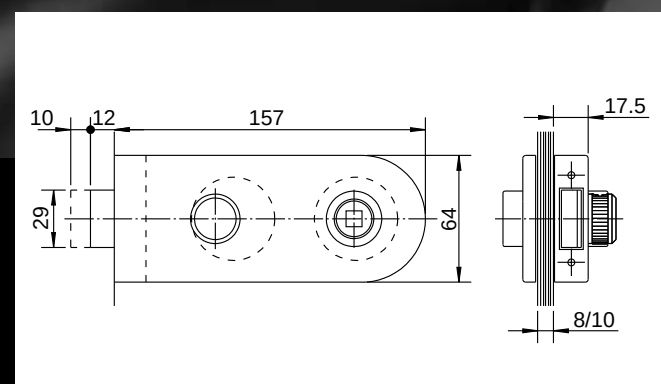
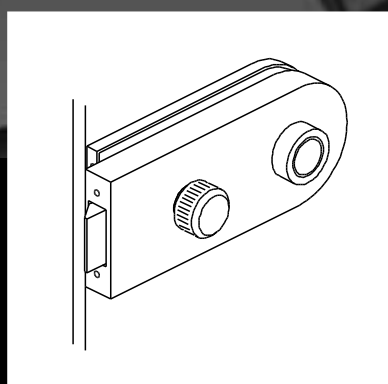
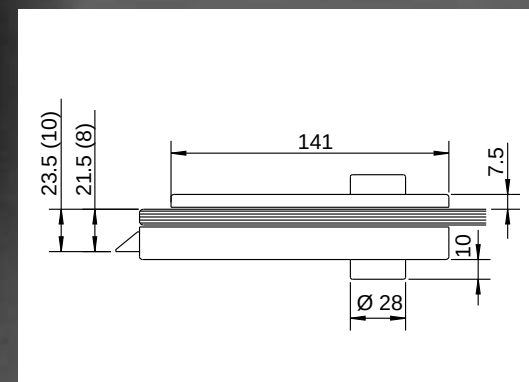
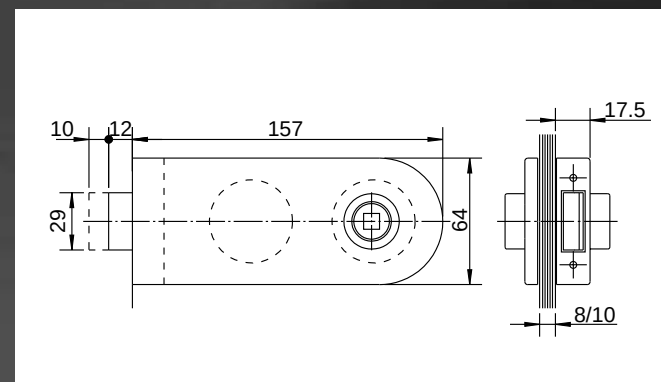
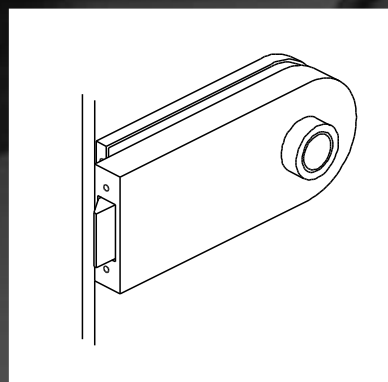
Available also special
finishes on request

Acabados especiales
también disponibles sobre
pedido

■ **Causa limitazioni nel processo di stampa le finiture reali possono
cambiare da quelle qui esposte**

Due to limitations in the printing process, the actual finishes may differ
from those shown here

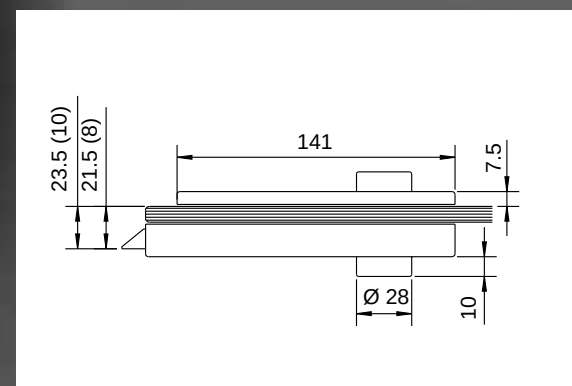
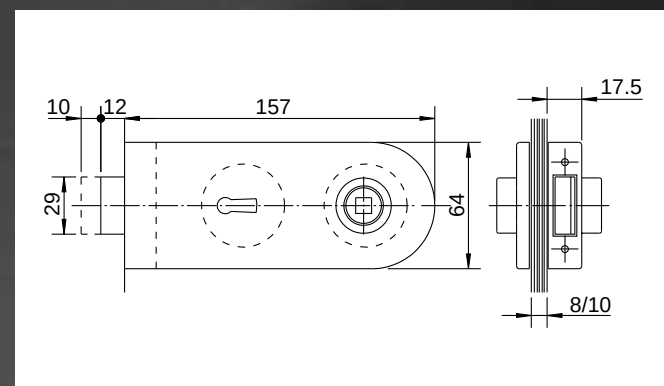
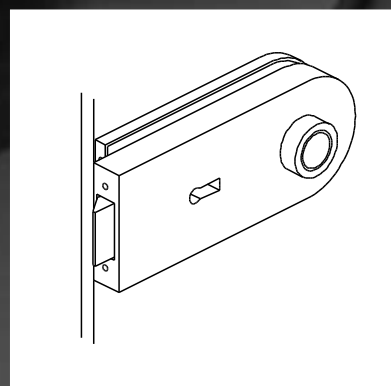
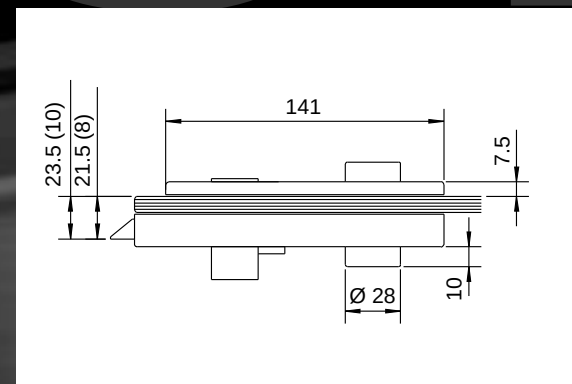
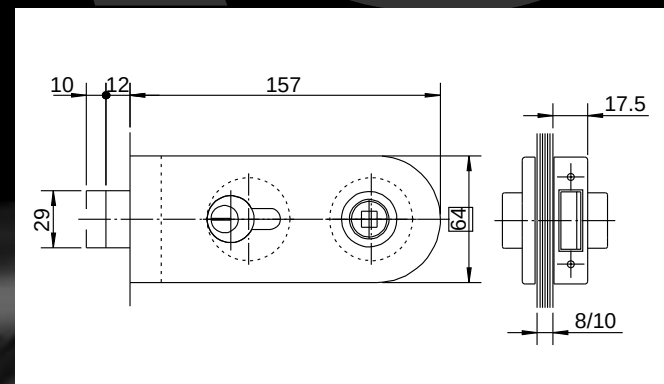
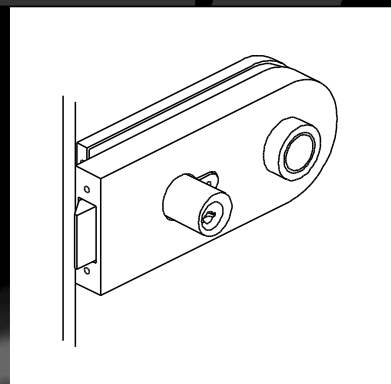
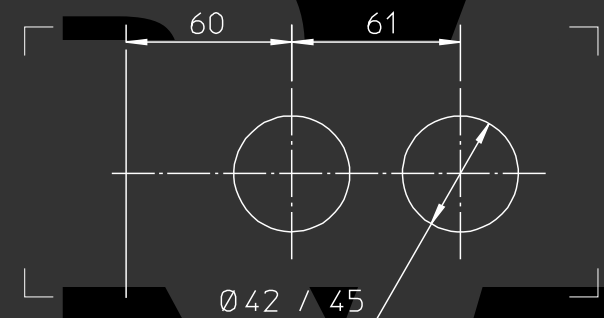
Por limitaciones en el proceso de impresión, los acabados reales pueden
variar de los aquí expuestos





SERIE
CLAUSTRA
SERRATURE
LOCKS - CERRADURAS

Lavorazioni Vetro
glass fabrication
muestras en el vidrio

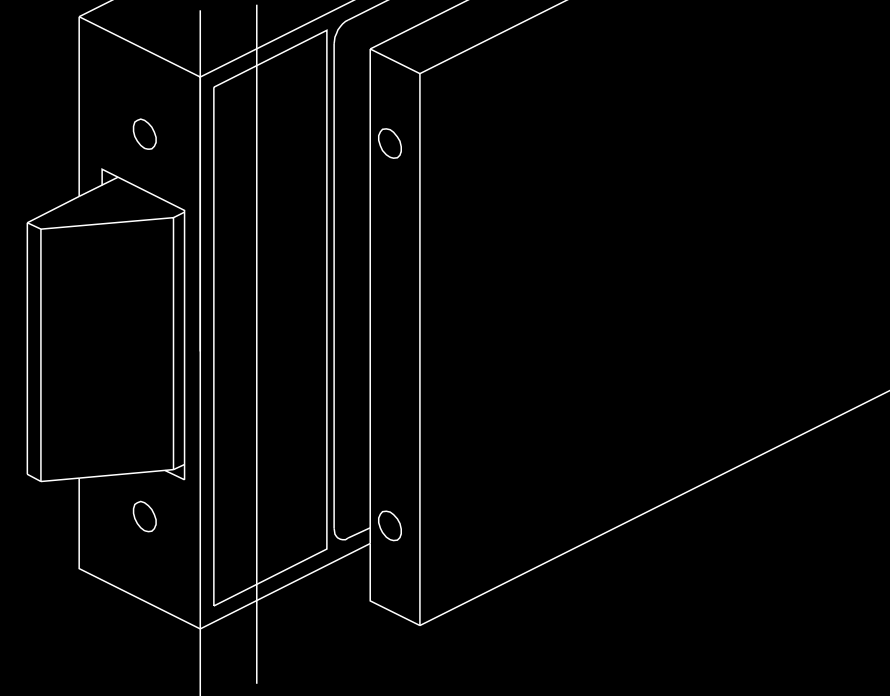
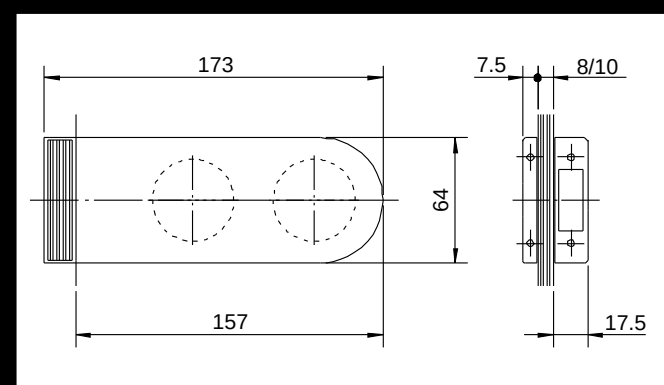
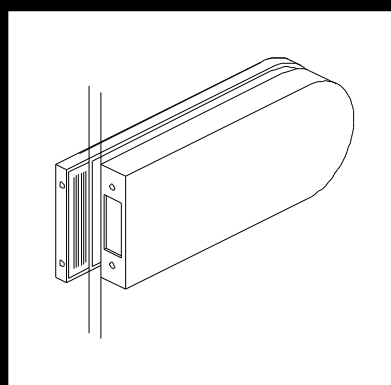


FINITURE - FINISHES - ACABADOS

Alluminio - Aluminium - Aluminio			Ottone - Brass - Latón		Acciaio - stainless steel - Acero		
	611		620		710		810
	612		633		711		812
	613		680		712	■ Disponibili anche finiture speciali a richiesta Available also special finishes on request Acabados especiales también disponibles sobre pedido	
	614		RAL 9010		713		
	615						

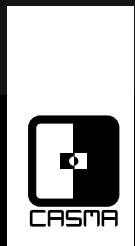
■ **Causa limitazioni nel processo di stampa le finiture reali possono cambiare da quelle qui esposte**
Due to limitations in the printing process, the actual finishes may differ from those shown here
Por limitaciones en el proceso de impresión, los acabados reales pueden variar de los aquí expuestos

N.B. MANIGLIE E CILINDRO DA ORDINARE A PARTE
lever handles and cylinder upon request
manilla y cilindro sobre pedido



MANIGLIE

LEVER HANDLES
MANILLAS





MANIGLIE

LEVER HANDLES
MANILLAS

FINITURE - FINISHES - ACABADOS

Alluminio - Aluminium - Aluminio

	611		620
	612		633
	613		680
	614		RAL 9010
	615		

Ottone - Brass - Latón

	710
	711
	712
	713

Acciaio - stainless steel - Acero

	810
	812

■ Disponibili anche finiture speciali a richiesta

Available also special finishes on request

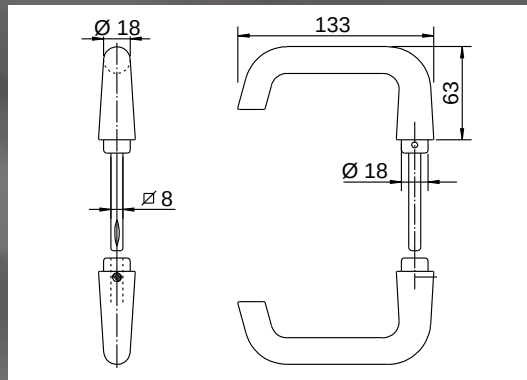
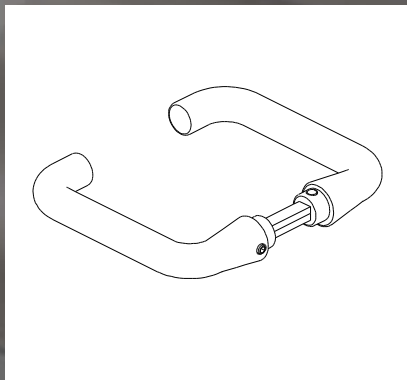
Acabados especiales también disponibles sobre pedido

■ Causa limitazioni nel processo di stampa le finiture reali possono cambiare da quelle qui esposte

Due to limitations in the printing process, the actual finishes may differ from those shown here

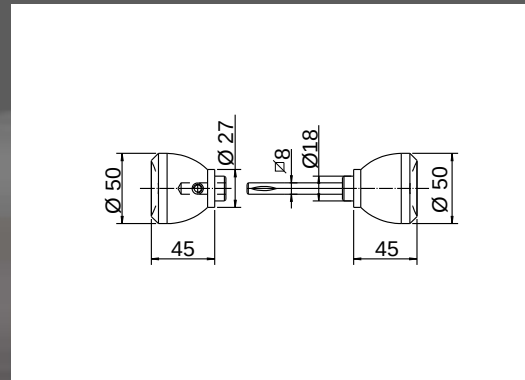
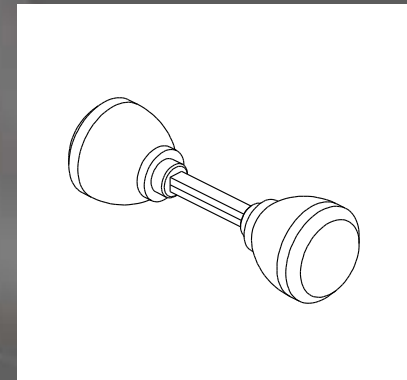
Por limitaciones en el proceso de impresión, los acabados reales pueden variar de los aquí expuestos

Mod. 15607



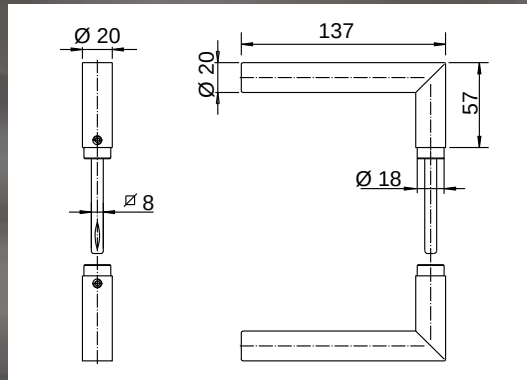
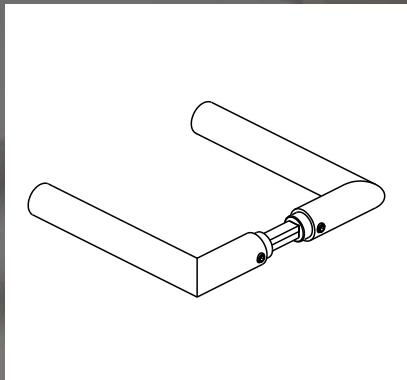
Finiture Disponibili (Available Finishes - Acabados Disponibles) 611 - 613 - 615 - 680 - RAL9010 - 713 - 810 - 812

Mod. 15623



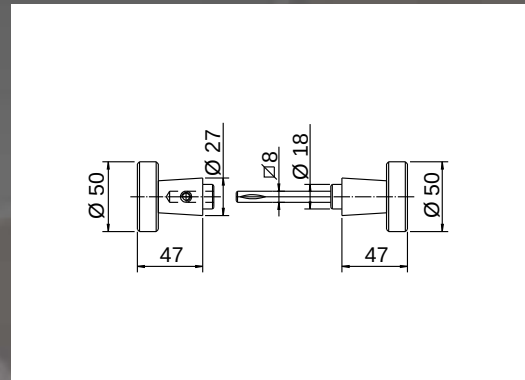
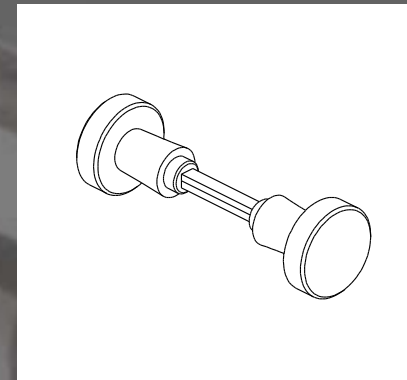
Finiture Disponibili (Available Finishes - Acabados Disponibles) 611 - 612 - 613 - 614 - 615 - 620 - 633 - 680 - RAL9010

Mod. 15609



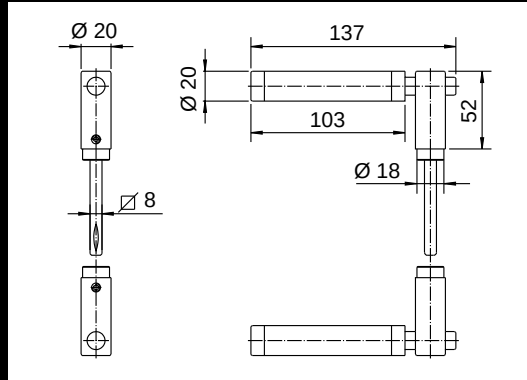
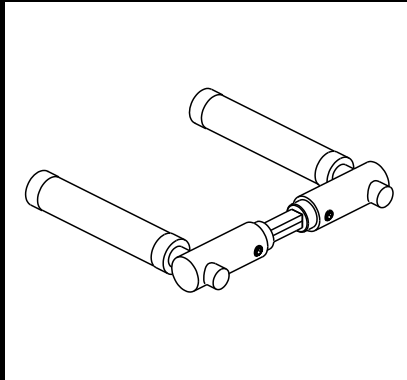
Finiture Disponibili (Available Finishes - Acabados Disponibles) 810

Mod. 15625

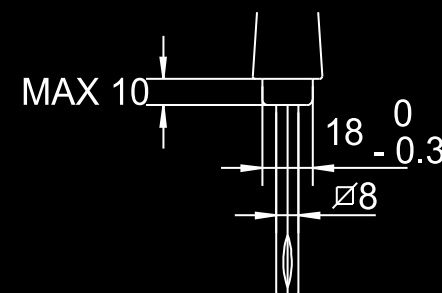


Finiture Disponibili (Available Finishes - Acabados Disponibles) 611 - 612 - 613 - 614 - 615 - 620 - 633 - 680 - RAL9010

Mod. 15610



Finiture Disponibili (Available Finishes - Acabados Disponibles) 812



NB: Si possono utilizzare anche maniglie non di nostra produzione a patto che soddisfino i requisiti

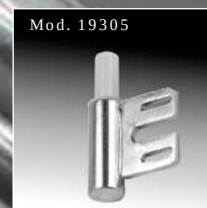
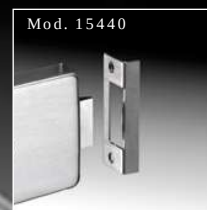
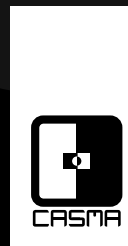
NB: It is also possible to choose lever handles of other manufactureres if they meet the used standard

NB: Se pueden utilizar también manillas no fabricadas por nosotros siempre que se ajusten al estándar

ACCESSORI

ACCESSORIES
ACESORIOS

speedy



ACCESSORI

ACCESSORIES
ACESORIOS

speedy

FINITURE - FINISHES - ACABADOS

Alluminio - Aluminium - Aluminio

	611		620
	612		633
	613		680
	614		RAL 9010
	615		

Ottone - Brass - Latón

	710
	711
	712
	713

Acciaio - stainless steel - Acero

	810
	812

■ Disponibili anche finiture speciali a richiesta

Available also special finishes on request

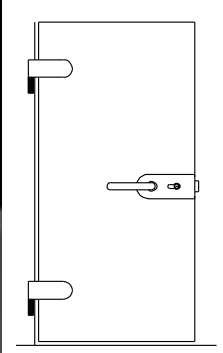
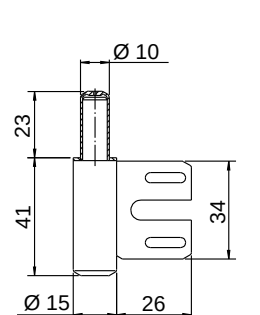
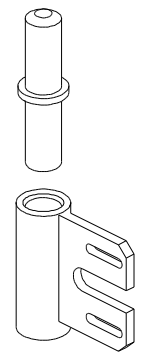
Acabados especiales también disponibles sobre pedido

■ Causa limitazioni nel processo di stampa le finiture reali possono cambiare da quelle qui esposte

Due to limitations in the printing process, the actual finishes may differ from those shown here

Por limitaciones en el proceso de impresión, los acabados reales pueden variar de los aquí expuestos

Mod. 19305

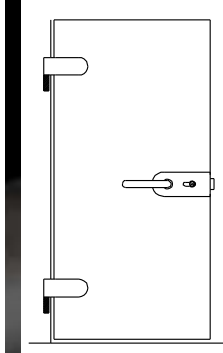
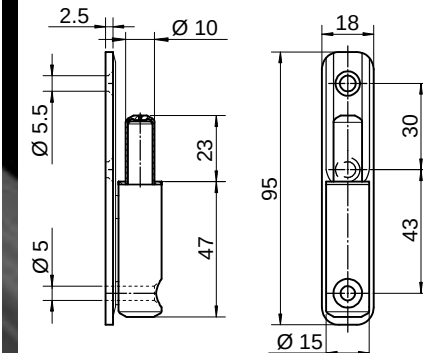
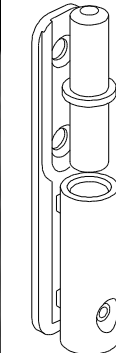


- Non necessitano manutenzione
- Peso massimo della porta 40kg
- Perno rivestito in materiale antifrizione
- Ranella antifrizione incorporata nel perno

- Low maintenance
- Maximum door weight 40kg
- Pivot covered with friction less material
- Friction less washer

- No necesitan mantenimiento
- Peso máximo de la puerta 40kg
- Perno revestido de material antifricción
- Ránula antifricción incluida en el perno

Mod. 19325

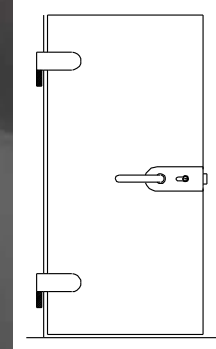
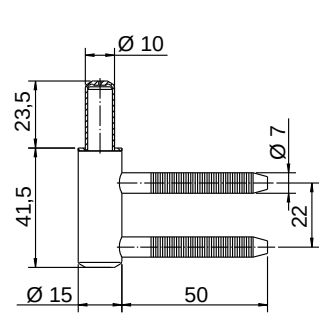
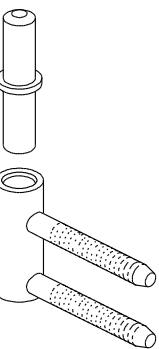


- Heavy duty
- Non necessitano manutenzione
- Peso massimo della porta 80kg
- Perno rivestito in materiale antifrizione
- Ranella antifrizione incorporata nel perno

- Heavy duty
- Low maintenance
- Maximum door weight 80kg
- Pivot covered with friction less material
- Friction less washer

- Heavy duty
- No necesitan mantenimiento
- Peso máximo de la puerta 80kg
- Perno revestido de material antifricción
- Ránula antifricción incluida en el perno

Mod. 19315

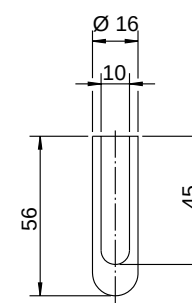
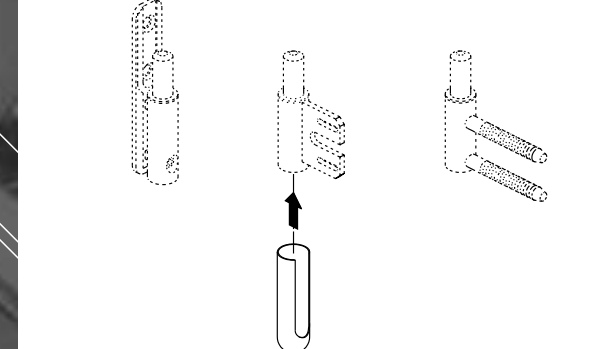


- Non necessitano manutenzione
- Peso massimo della porta 40kg
- Perno rivestito in materiale antifrizione
- Ranella antifrizione incorporata nel perno

- Low maintenance
- Maximum door weight 40kg
- Pivot covered with friction less material
- Friction less washer

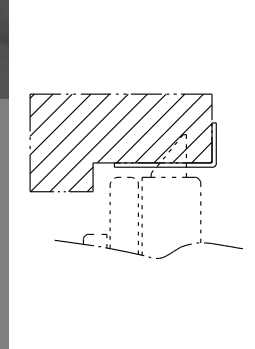
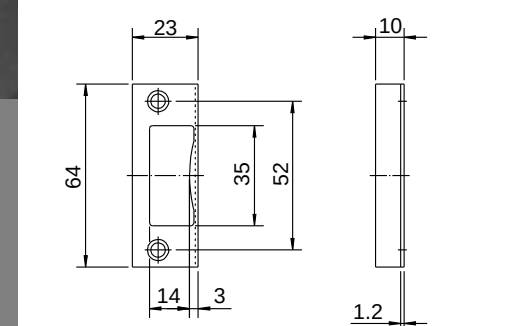
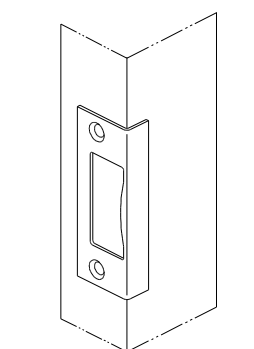
- No necesitan mantenimiento
- Peso máximo de la puerta 40kg
- Perno revestido de material antifricción
- Ránula antifricción incluida en el perno

Mod. 19305A9



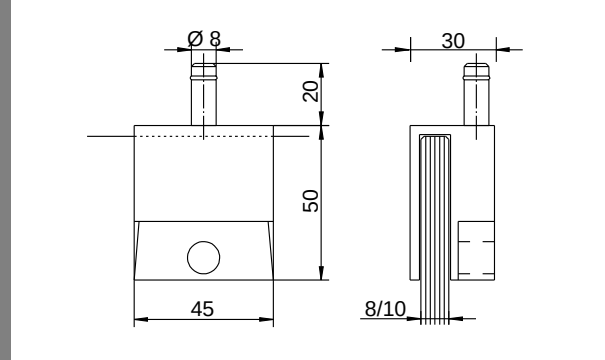
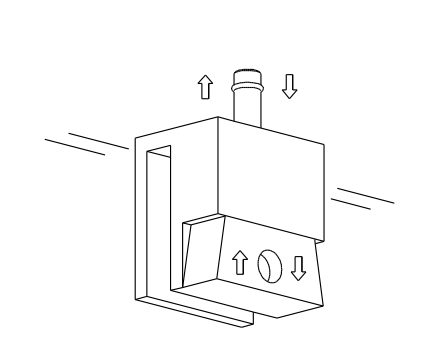
Finiture Disponibili (Available Finishes - Acabados Disponibles) 611 - 680

Mod. 15440

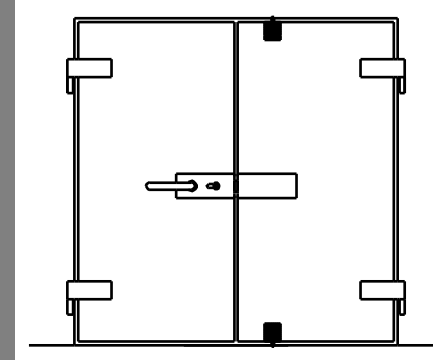
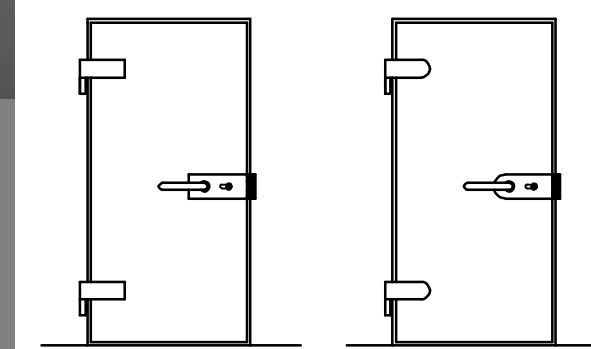


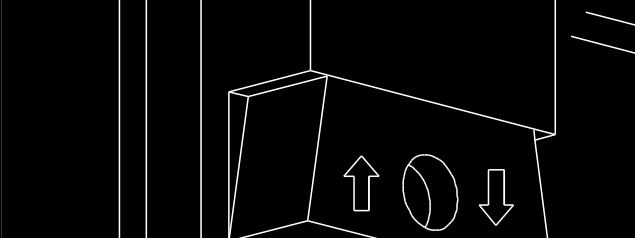
Finiture Disponibili (Available Finishes - Acabados Disponibles) 800

Mod. 14300



Finiture Disponibili (Available Finishes - Acabados Disponibles) 611 - 612 - 613 - 614 - 615 - 620 - 633 - 680 - RAL9010





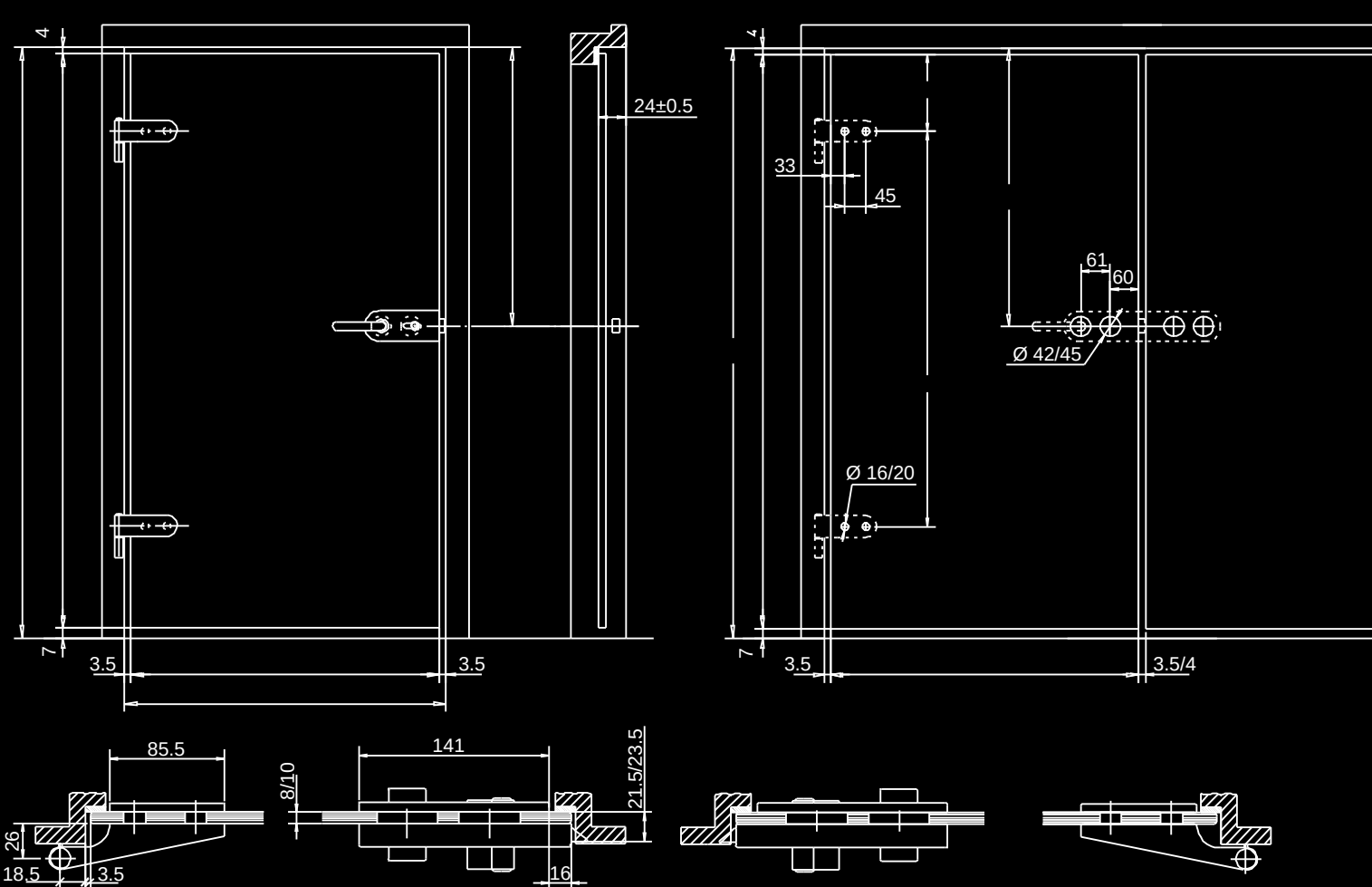
sezione TECNICA

TECHNICAL section
sección TÉCNICA

Installazione delle cerniere e delle serrature a norma DIN

Jamb according to DIN rules

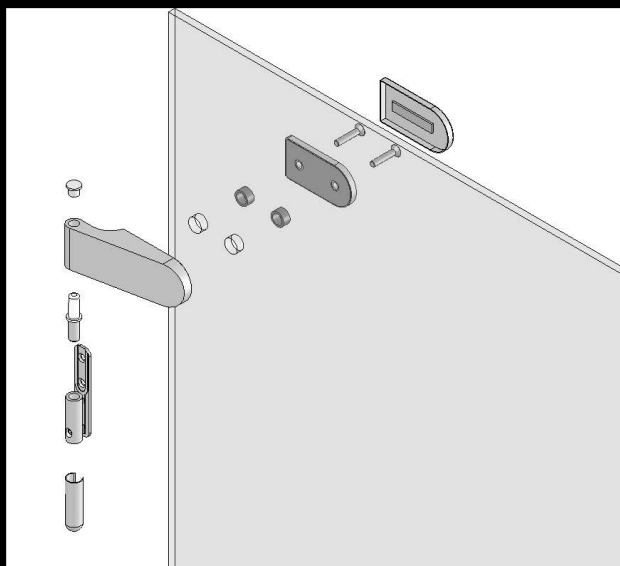
Jamba en conformidad con las normas DIN



Esploso cerniera 13160-13260

Hinge assembly 13160-13260

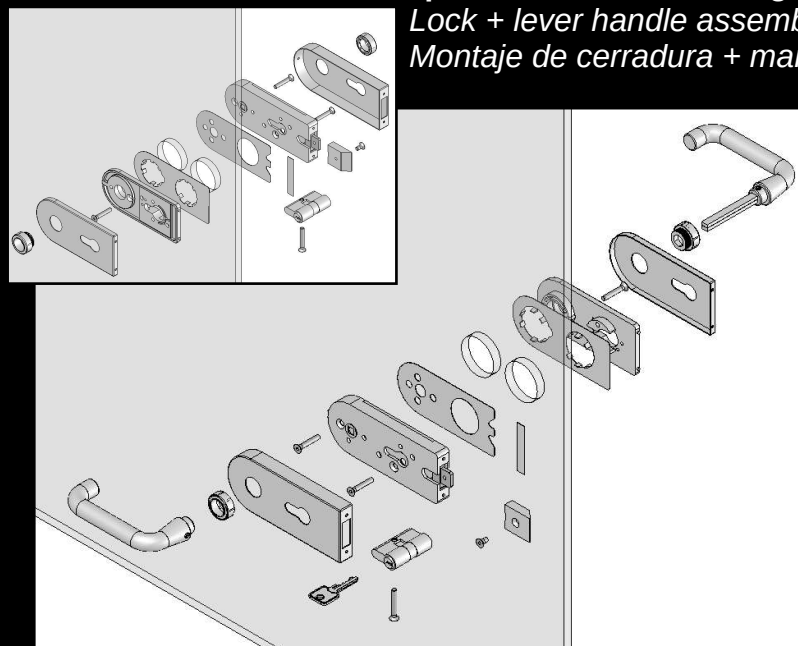
Montaje de bisagra 13160-13260



Esploso serratura + maniglia

Lock + lever handle assembly

Montaje de cerradura + manilla



Installazione delle cerniere con fissaggio a pavimento e allo stipite in alto

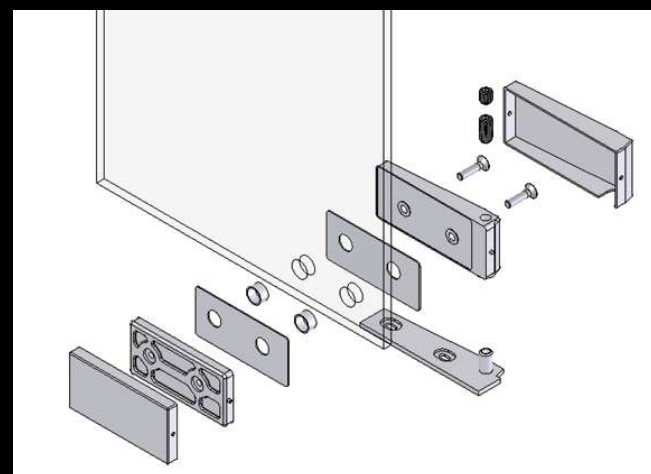
Installation on the top jamb and on the floor

Instalación a la jamba superior y en el suelo

Esploso cerniera 12790

Hinge assembly 12790

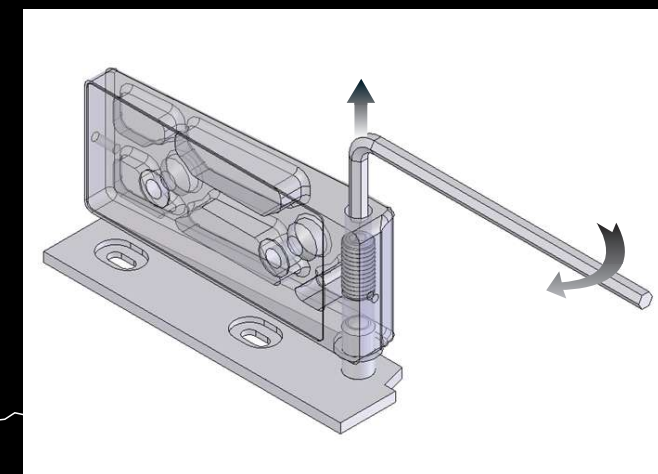
Montaje de bisagra 12790



Regolazione verticale (6mm) cerniera 12790

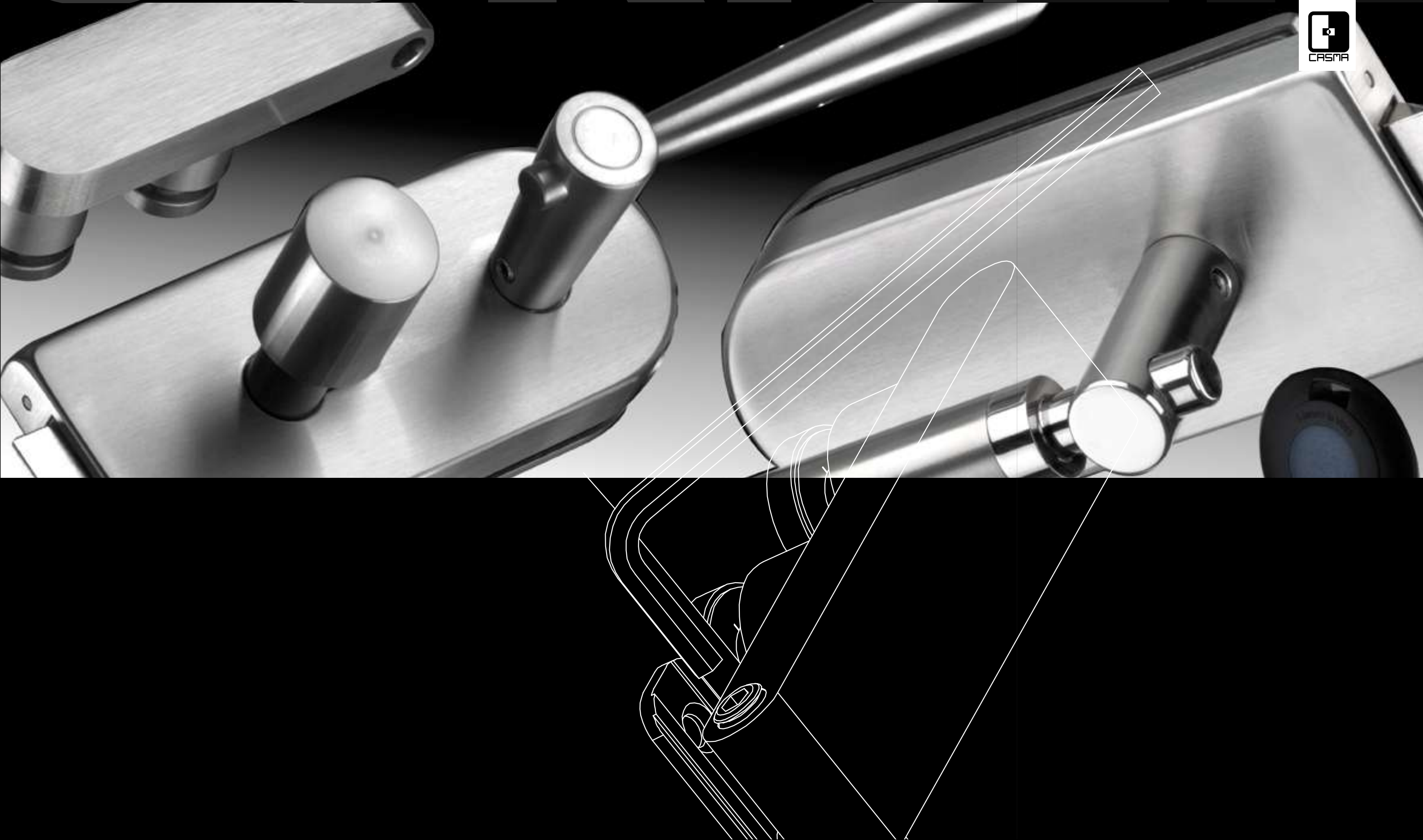
Vertical adjustment (6mm) of hinge 12790

Regulación vertical (6mm) de bisagra 12790



CORNER

design
CORNER



design CORNER

L'ossessiva attenzione ai particolari consente ai tecnici Casma di studiare e realizzare accessori con dispositivi e accorgimenti che possano soddisfare le esigenze più particolari.

In questa sezione alcuni esempi:

1. Cerniera in acciaio Inox AISI 316 con fissaggio tipo "Anuba " realizzata completamente in acciaio inox
2. Serratura con maniglia con inclinazione regolabile da - 2° a + 0,5°
Serratura senza rosetta guida maniglia
3. Applicazione alle serrature di un sistema a chiavi maestre e controllo d'accessi con cilindro digitale Key-less System
4. Serratura e controcartella in esecuzione speciale
5. Applicazione di un chiudiporta Speedy ad una porta a battente in legno pregiato con l'ausilio di apposite cerniere aventi copertine in acciaio inox AISI 316.

Absolute attention to details ensures that Casma's technical department is able to realize solutions to meet the most demanding client and end user specifications

In this section we offer different examples:

1. AISI 316 hinge with "Anuba" fixing system, all components are made from AISI 316 stainless steel.
2. Locks with adjustable inclination for the lever handles from -2° to +0,5° .
Locks without lever handle rose
3. Individual or keyed alike lock cylinders and digital keyless systems.
4. Speedy door closer installation for timber doors with stainless steel hinges and stainless steel AISI 316 covers
5. A "Claustra" particular lock keeper with AISI 316 stainless steel covers and strike plate.

La obsesiva atención en los detalles conlleva que el departamento técnico de Casma estudie y realice accesorios con dispositivos muy cuidados que puedan satisfacer las exigencias más sofisticadas.

Algunos ejemplos son los siguientes:

1. Bisagra en acero Inox AISI 316 con fijación tipo "Anuba" realizada completamente en acero inoxidable
2. Cerradura con manecilla con inclinación regulable de -2° a +0,5°
Cerradura sin escudo guía manecilla
3. Dotación a las cerraduras de un sistema de amaestramiento de llaves y control de acceso con cilindro digital Key-less System
4. Aplicación de un cierrapuertas Speedy a una puerta a batiente en madera de calidad con la ayuda de las correspondientes bisagras y con tapas en acero inox AISI 316
5. Cerradura y cerradero en ejecuciones especiales



1.



2.



3.

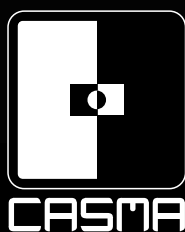


4.



5.

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