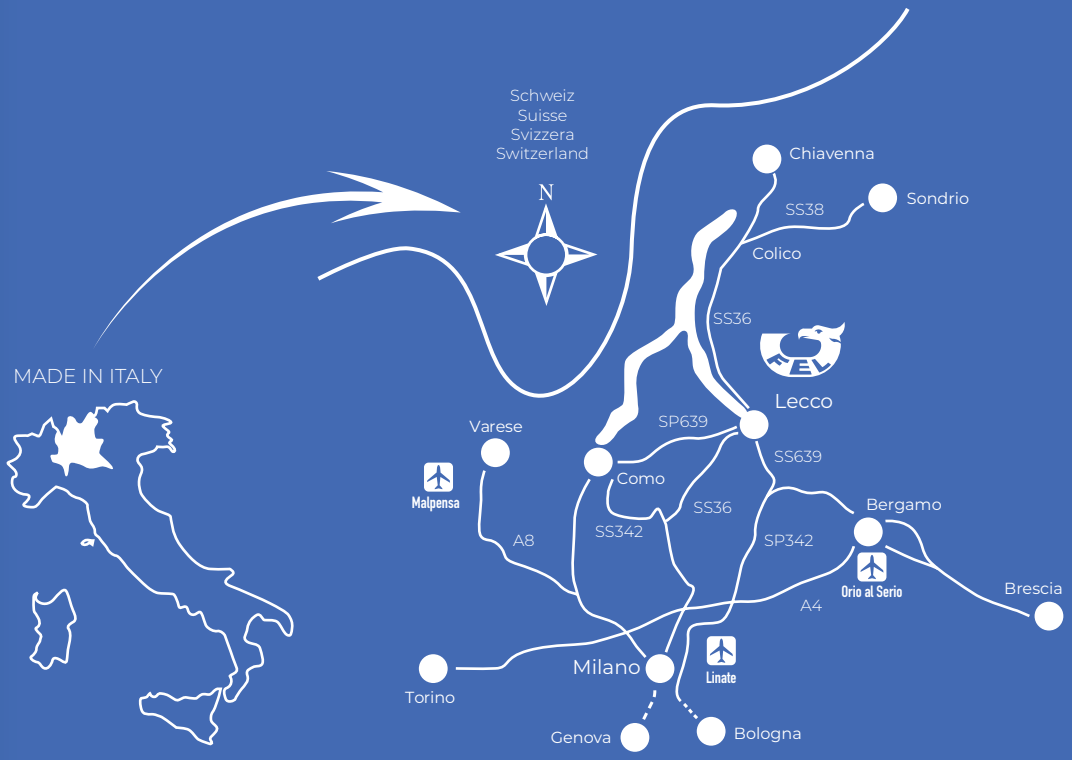
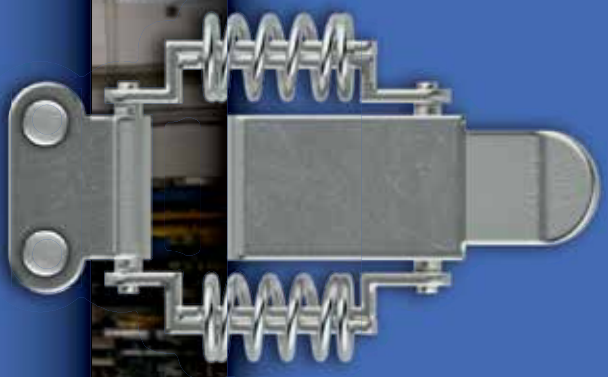






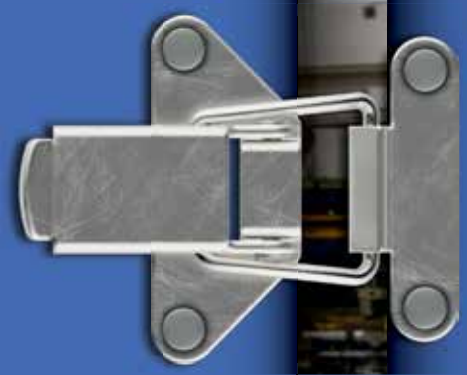
www.frigerioettore.com
via Risorgimento, 9
23900 Lecco - Italy
Tel +39 0341 1880642
email: contatti@frigerioettore.com

FRIGERIO ETTORE S.p.A.

MINUTERIE METALLICHE & CHIUSURE A LEVA
HARDWARE ITEMS & TOGGLE LATCHES

LE ORIGINALI
THE ORIGINALS

MADE IN ITALY



CATALOGO / CATALOGUE **2024**



FRIGERIO ETTORE S.p.A.

CATALOGO 2024

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Tel +39 0341 1880642-212

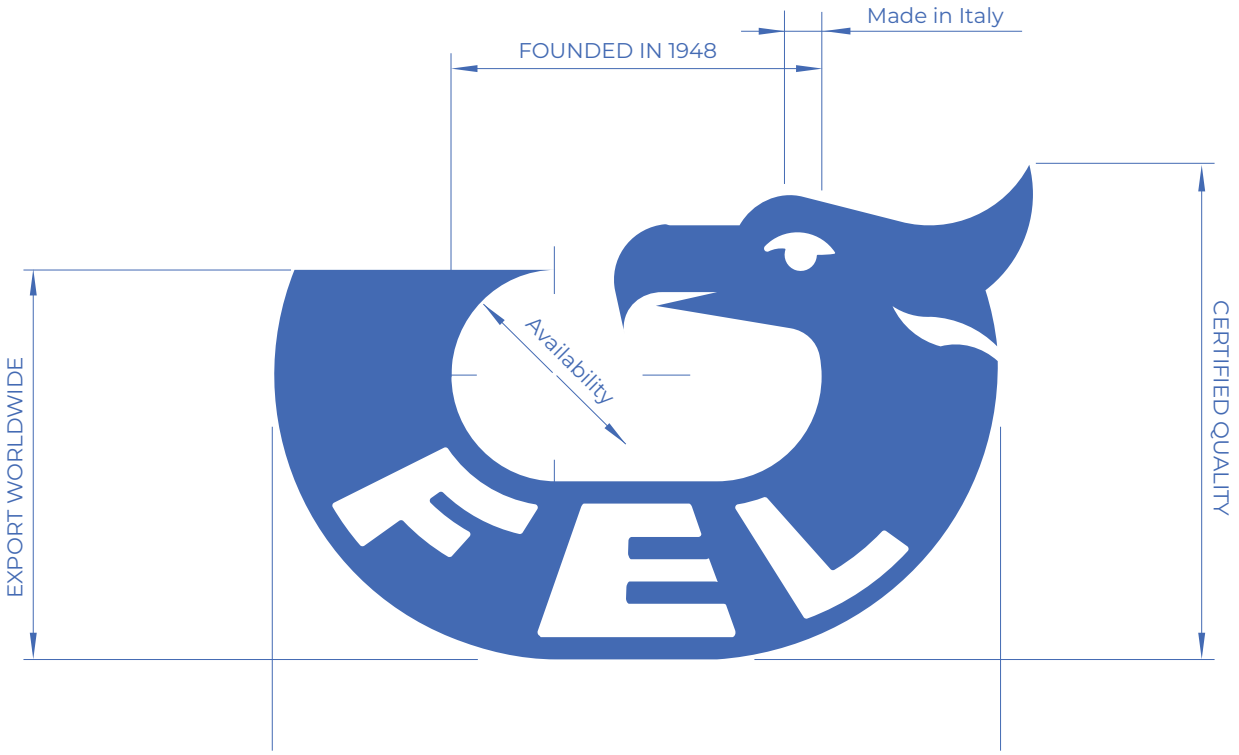
Realizzazione grafica:
www.francescaarrigoni.it
francesca.arrigoni@gmail.com

FRIGERIO ETTORE S.p.A.

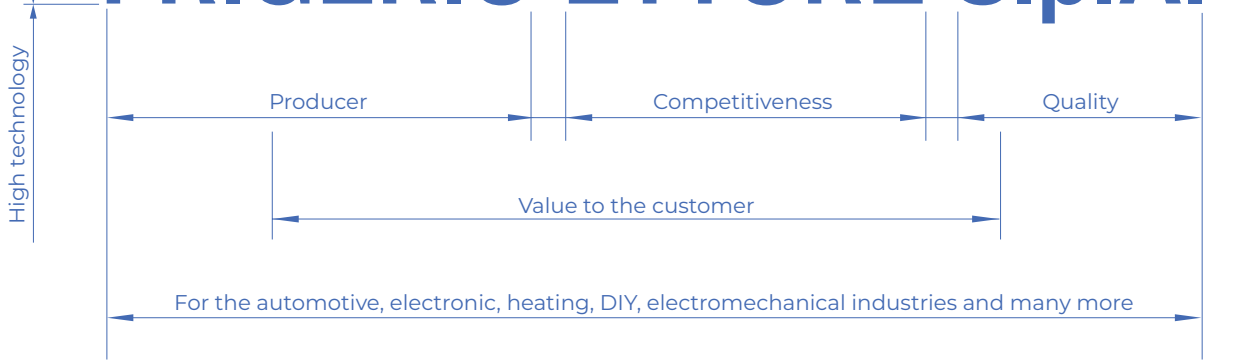
70°

MINUTERIE METALLICHE & CHIUSURE A LEVA

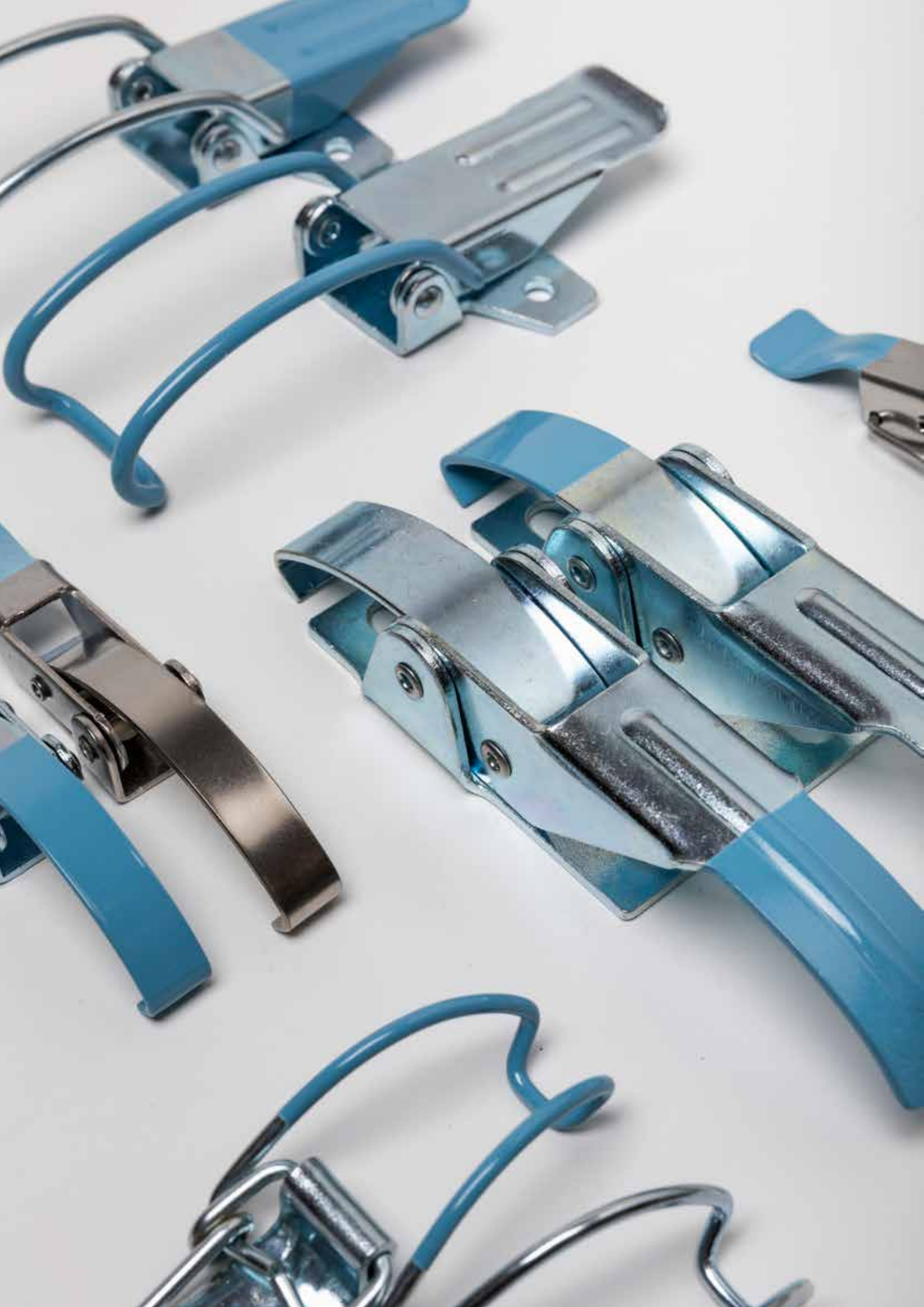
HARDWARE ARTICLES & TOGGLE LATCHES



FRIGERIO ETTORE S.p.A.



CATALOGO / CATALOGUE **2024**



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Chiusure a leva
Toggle latches



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Frigerio Ettore S.p.A

Da oltre 70 anni
al servizio dei clienti nello stampaggio a freddo

L'iniziativa del fondatore Ettore Frigerio nel 1948 è il prologo dell'attuale realtà industriale, proiettata ad anticipare le evoluzioni dei bisogni dei clienti in settori di mercato diversificati: automobilistico, elettronico, riscaldamento, hobbistico, elettromeccanico e tanti altri. Al centro della strategia del confronto competitivo, la Frigerio Ettore SpA pone la cultura aziendale, imperniata sul principio del valore da cedere al cliente: la ricerca e applicazione di metodologie scientifiche sui processi, l'ampliamento dei servizi offerti, l'investimento in formazione e tecnologia, la qualità e la competitività crescente della proposta, sono le conseguenze di tale scelta e le priorità dell'organizzazione verso lo sviluppo nel mercato globale.



For over 70 years

Frigerio Ettore S.p.A

has been serving the customers in the field of cold stamping.

The initiative of the founder Mr. Ettore Frigerio in 1948 is the prologue of the present industrial reality, aimed at anticipating the evolution of the customers' needs in different sectors: automotive, electronic, heating, DIY, electromechanical and many more. Core of the company's competitive strategy is its corporate culture aimed at conveying value to the customer. The research and application of scientific methods on the processes, a wider offer of services, the investment in training and high technology, the increasing quality and competitiveness of the proposals are the consequences of such choice and of the calling of the organization for the development in the global market.

FRIGERIO ETTORE S.p.A.

Sistema di gestione per la qualità certificato secondo la norma:

- ISO 9001, dal 1992 (ISO 9002)
- IATF 16949, per i prodotti automotive, dal 2003 (ISO/TS 16949)

Frigerio Ettore spa fin dalla sua costituzione 1948 ha sempre posto tra i propri obiettivi primari l'implementazione di processi che permettessero di soddisfare le esigenze e le aspettative dei Clienti.
Oltre agli aspetti qualitativi, si presta la stessa attenzione anche al rispetto della sicurezza negli ambienti di lavoro, curando perciò:
→ L'aggiornamento costante delle proprie risorse umane
→ Il continuo miglioramento delle proprie metodologie operative
→ L'utilizzo di attrezzature / DPI adeguandoli agli sviluppi dei processi e ai cambiamenti
→ Il rispetto di tutta la legislazione applicabile in funzione delle attività esercitate

La nostra organizzazione, quindi, si impegna a fornire condizioni di lavoro sicure e salubri per la prevenzione di lesioni e malattie correlate al lavoro e considerando il contesto in cui operiamo, basandosi su tecniche di valutazione dei rischi.
→ Portare l'Azienda ad un livello di Qualità e rispetto di tutta la legislazione dell'ambiente e della sicurezza tale da poter essere qualificata dai propri Clienti;

→ Valorizzazione delle risorse umane per stimolare la partecipazione del personale al miglioramento, alla sicurezza e la sensibilizzazione ai valori ambientali;

→ Costante miglioramento dell'immagine aziendale.

Tali obiettivi sono condivisi da tutto il personale che, oltre ad impegnarsi per la corretta gestione del Sistema, fornisce anche degli stimoli alla Direzione per l'implementazione ed il miglioramento continuo dello stesso.

FRIGERIO ETTORE S.p.A.

Quality Management System according to

- ISO 9001, since 1992 (ISO 9002)
- IATF 16949, for the automotive industry, since 2003 (ISO/TS 16949)

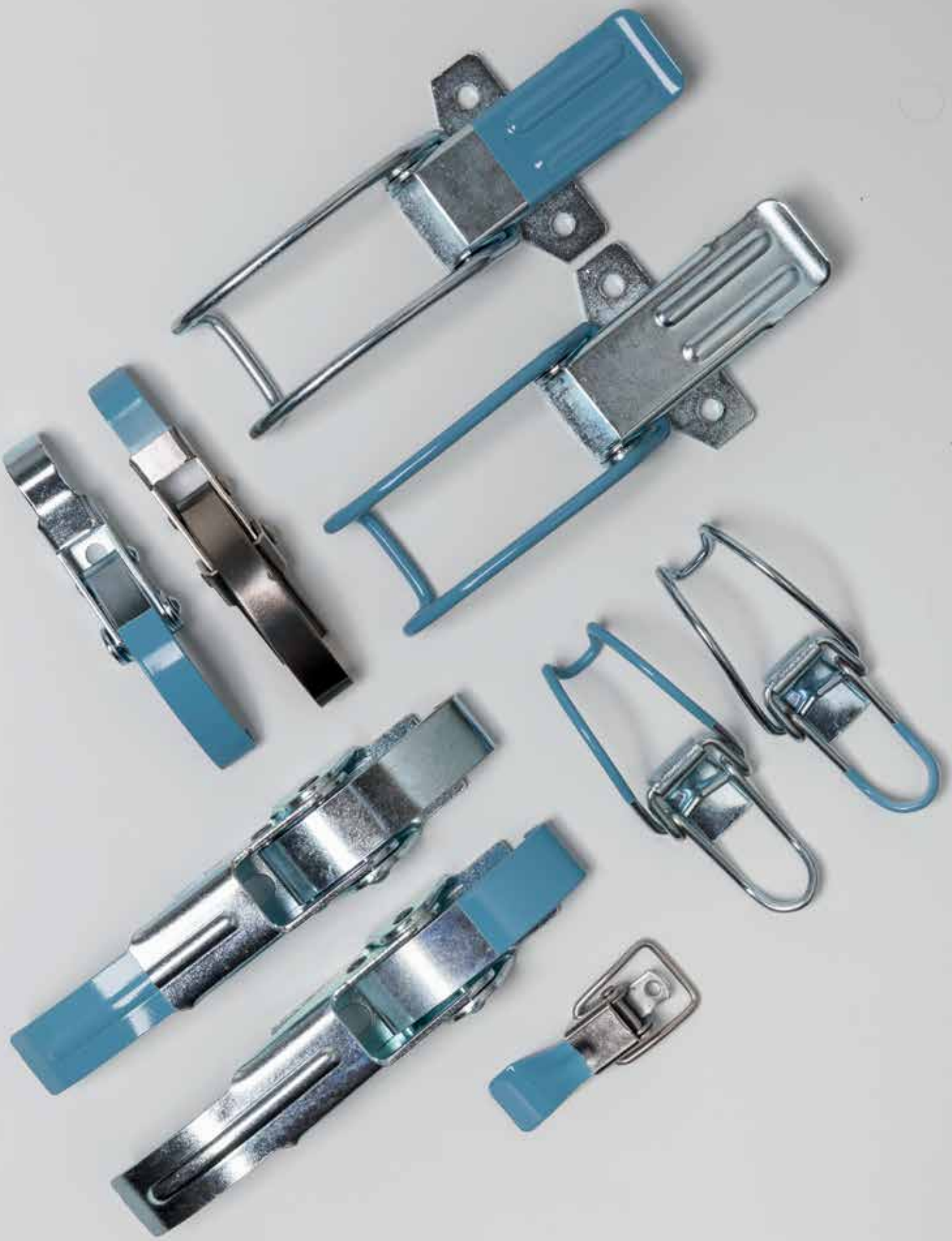
Ever since its establishment in 1948, Frigerio Ettore Spa has focused – as primary target – on the implementation of processes aimed at satisfying the needs and expectations of his customers.
Frigerio pays the same attention to quality as well as to job security matters:
→ Constant refresher training of the human resources
→ Steady improvement of his own operational methods
→ Use of equipment/PPE suitable to the evolution and changes of the processes
→ Compliance with the applicable laws

Our organization is therefore committed to granting safe working conditions in order to prevent injuries and occupational diseases. Thorough knowledge of the operational contest and the application of risk valuation techniques are functional to the purpose.
→ Lead the Company to a high Quality level and full compliance with the environmental and safety legislation

→ Respect for and development of human resources. The whole staff is encouraged to participate in order to attain the objectives with regard to improvement, safety and environmental values.

→ Constant improvement of the corporate image

Such objectives are shared by the whole staff that encourage and stimulate the Management to further improve the System



Codice articolo / Part no.

Gli articoli del catalogo sono normalmente disponibili nelle versioni e finiture indicate.
A richiesta possono essere fornite esecuzioni speciali o a disegno. Secondo l'esigenza del Cliente, il nostro ufficio tecnico è disponibile per lo studio della migliore applicazione dell'articolo. Le chiusure a leva in funzione dell'impiego si suddividono in:
1) Rigide: dove il fissaggio è costante e non esiste sensibile differenza fra le parti da unire.
2) Regolabili: dove è necessaria una variazione di tensione a causa della incostanza tra le parti da unire.
3) Con arresto di sicurezza: dove non si deve verificare apertura accidentale a fissaggio avvenuto.
4) Con portalucchetto o chiave: dove si deve evitare l'apertura da parte di estranei.
5) Con ganci e riscontri speciali: dove il fissaggio deve adattarsi a dimensioni o forme particolari delle parti da unire.

Thanks to its long experience in the field of cold pressing, the Company has developed a wide range of latches for every fastening need. A wide choice of models and finishings is available. We can manufacture special versions or work on customer's drawing, as well. Our technicians can recommend and support you in making an informed choice aimed at technical improvement and cost saving .
According to their features, toggle latches can be sorted into:
1) Rigid latches: where there is a constant fastening and there isn't any notable change between the parts to be fixed.
2) Adjustable latches: where there is the necessity of a tension-change owing to a possible unsteadiness between the parts to be fixed.
3) Latches with secondary lock: to prevent possible release or opening.
4) Latches with hasp or key-lock: to prevent unauthorised access or opening.
5) Latches with special hooks and strikes: in case of special dimensions or shapes of the components to be fixed.

Qualità acciaio Steel quality	**Norma UNI EN** Norm UNI EN	**Finitura** Finishing	**Codice aggiuntivo** Additional COD.
DC 01	UNI EN 10130	Grezzo - Unplated steel	= 00
DC 01	UNI EN 10130	Nichelato - Nickel-plated steel	= 01
DC 01	UNI EN 10130	Ottonato - Brass-plated steel	= 02
DC 01	UNI EN 10130	Cromato - Chromium-plated steel	= 03
DC 01	UNI EN 10130	Zincato - Zinc- plated steel	= 04
DC 01	UNI EN 10130	Bronzato - Bronzed steel	= 05
DC 01	UNI EN 10130	Zincatura + Cataforesi - Zinc-plated + cataphorese	= 06
DC 01	UNI EN 10130	Brunito - Burnished steel	= 07
DC 01	UNI EN 10130	Verniciato nero - Black painted steel	= 09
DC 01	UNI EN 10130	Zincato nero - Black zinc - plated steel	= 10
Inox X5 Cr Ni 18-10 (AISI 304)	UNI EN 10088	Inox Lucido - Polished stainless steel	= 30

Codice Articolo
Per una facile lettura del codice d'identificazione segnaliamo che il N° art. individua il tipo di prodotto mentre il tipo di materiale e la finitura superficiale voluta sono individuati dai numeri aggiuntivi

Esempio di ordinazione: Codice articolo · finitura
art. 2.00.00 in acciaio zincato = cod. 2.00.00 · 04
art. 2.05.00 in acciaio inox = cod. 2.05.00 · 30

Part no.
Please note that the first set of numbers identifies the product, while the last one indicates the surface finishing

Order- example: Part no. - finishing
Part no. 2.00.00 zinc-plated steel = PN 2.00.00 · 04
Part no. 2.05.00 in stainless steel = PN 2.05.00 · 30

Le Fibbie in acciaio inox, possono risultare leggermente magnetizzate a seguito dei processi di lavorazione. Questo fenomeno non ne pregiudica lo stato di resistenza alla corrosione.

La FRIGERIO ETTORE SPA si riserva la possibilità di modificare le caratteristiche riportate nel presente catalogo senza preavviso alcuno.
Le caratteristiche dimensionali, di trattamento superficiale, di carichi di lavoro e di cicli sono puramente indicative solo per il materiale in ferro. Tali caratteristiche avranno valenza contrattuale, ai fini di responsabilità di prodotto, soltanto se confermate per scritto e per ogni singola fornitura.

The catch hooks in stainless steel might show a slight magnetism due to the working process. This feature does not jeopardize the corrosion resistance.

FRIGERIO ETTORE SPA reserves the right to modify the characteristics shown in the present catalogue without notice.

Dimensional and surface treatment features, the loading charges and the working cycles are only indicative.
They become contractually valid for product responsability purpose only when confirmed by letter and for each single supply.

Legenda / Legend

Carico massimo di lavoro Max safe load	Carico massimo di tensione Utimate tension	Confezione n° pz Pcs / box

I prodotti “a richiesta” si intendono non presenti in magazzino
Special articles “upon request” are not immediately available from stock
Le versioni in inox possono presentare differenze rispetto alle altre versioni. Se interessati, richiedere disegno.
The stainless steel versions may have differences compared to the other versions. If interested, please request a drawing.

Caratteristiche tecniche / Technical features

Finitura Finishing	**Spessore protezione micron** Plating Thickness micron	**Resistenza nebbia salina ore** Salt spray resistance test	**Note** Note
· 00 = Grezzo Unplated steel	0	0	Metallo base senza protezione. Normalmente usato per applicazioni saldate con trattamento dopo il montaggio. Basic metal without protection. Normally used for welded applications, where the treatment is done after the assembling.
· 01 = Nichelato Nickel-plated steel	2	5	Buona estetica di colore lucido ma bassa resistenza all’ossidazione. Good aesthetic. Bright colour. Low corrosion resistance.
· 02 = Ottonato Brass-plated steel	2	5	Buona estetica di colore dorato ma bassa resistenza all’ossidazione. Good aesthetic results. Gold colour. Low corrosion resistance.
· 04 = Zincato Zinc-plated steel	3	24	Buon aspetto superficiale e largamente usato con media resistenza all’ossidazione. I rivestimenti con passivazione al cromo esavalente (Fe/Zn III e Fe/Zn V) all’interno di veicoli non sono più consentiti secondo norma Europea EN N° 39/1999 del 29 Luglio 1999 Articolo 4. Good superficial appearence. Ordinary resistance to corrosion. According to the european EN N°39/199 dtd. 29/07/99, Art.4 Cr6 coatings (Fe/Zn III and Fe/Zn V) inside the vehicles are no longer allowed.
· 05 = Bronzato Bronzed steel	3	3	Colore bronzo scuro. È particolarmente adatto per applicazioni su mobili legno. Bassa resistenza all’ossidazione Dark bronze colour. Particularly used on the wood-furniture. Low corrosion resistance.
· 06 = Zincatura + Cataforesi Zinc-plated + cataphorese	20	350	Colore nero. Alta resistenza all’ossidazione. Black colour. High corrosion resistance.
· 07 = Brunito Burnished	0	2	Colore nero. Bassa resistenza all’ossidazione. Black colour. Low corrosion resistance.
· 09 = Verniciatura cataforesi Cataphorese painting	15	300	Colore nero. Ottimo trattamento di preverniciatura. Alta resistenza all’ossidazione. Black colour. Good pre-coating treatment. High corrosion resistance
· 10 = Zincatura nera Black zinc-plated			Colore nero non uniforme. Adatto applicazioni interne, non estetiche. Uneven black color. Suitable for internal, non-aesthetic applications.

1 DECA NEWTON ≅ 1 KG

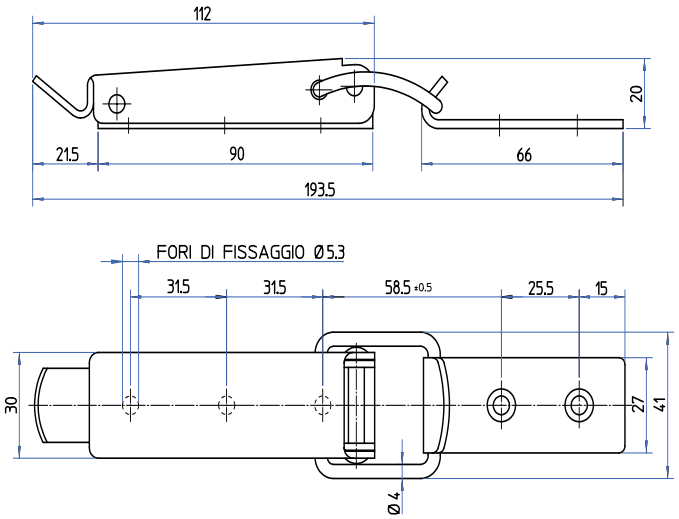
Chiusure a Leva / Toggle latches

Art 2.00.00 • 00 - 01 - 04 - 30

KG		
2000N	4000N	25

Chiusura a leva / Toggle latch
Acciaio grezzo, nichelato, zincato, inox
Unplated steel, nickel-plated, zinc-plated, stainless steel



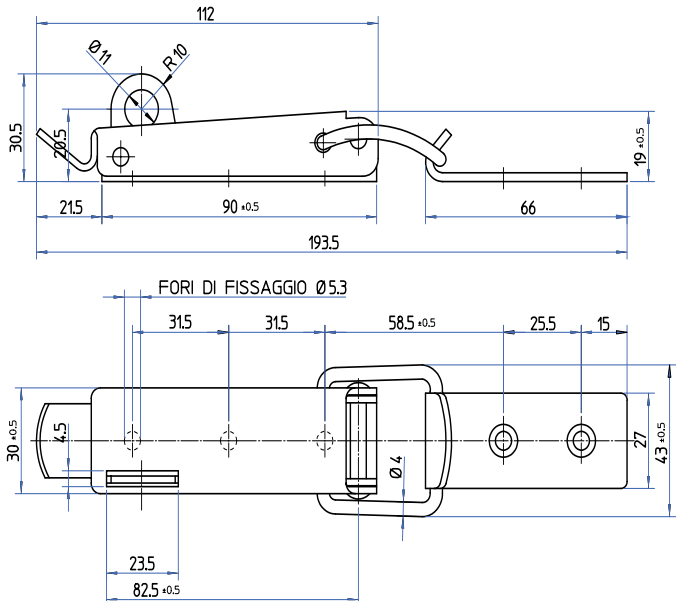


Art 2.00.01 • 00 - 01 - 04 - 30

KG		
2000N	4000N	25

Chiusura a leva per lucchetto / Hasp toggle latch
*Nella versione in acciaio, i fori del riscontro sono svasati
*The strike in the steel version has countersunk holes



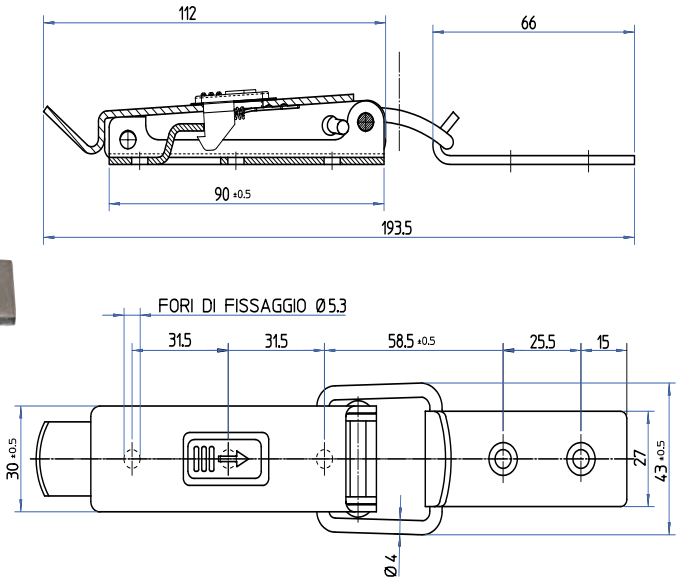


Art **2.00.02** • 01 - 30

KG	3	
2000N	4000N	25

Chiusura a leva con arresto di sicurezza / Toggle latch with secondary lock
Acciaio nichelato, inox / Nickel-plated, stainless steel
Per zinc. minimo / Zinc-plated steel: 1000 pz / pcs



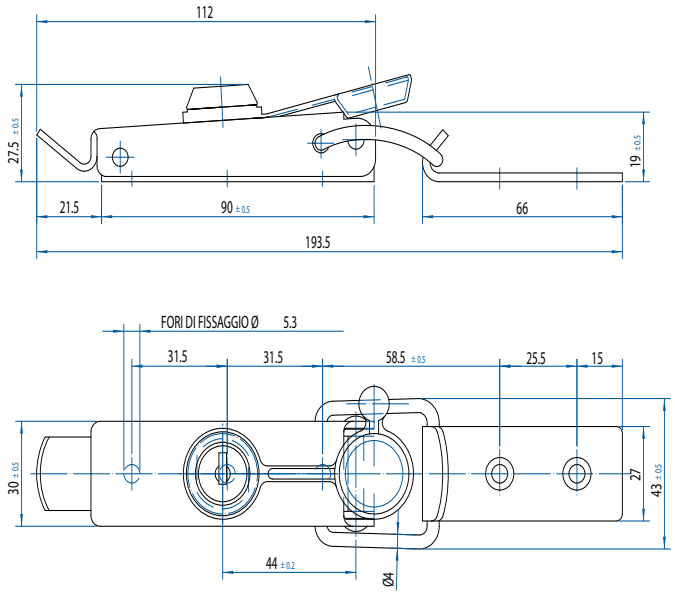


Art **2.00.03** • 06 -04

KG	3	
2000N	4000N	15

Chiusura a leva con serratura (solo su richiesta)
Toggle latch with key-lock (only upon request)
Acciaio zincato + cataforesi con perno inox
Zinc-plated steel + cataphorese painting with stainless steel pin
Per chiavi uguali lotto minimo 500 pz
MOQ for identical keys: 500 pcs



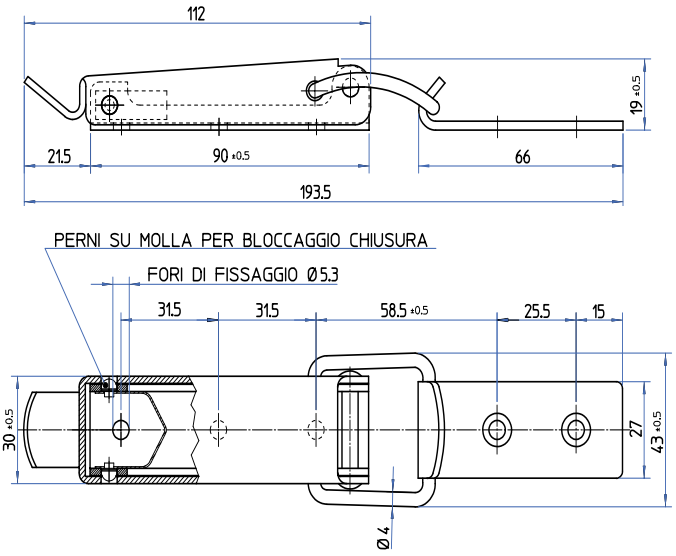


Art **2.00.40** • 01 - 04 - 30

KG		
2000N	4000N	25

Chiusura a leva con arresto a scatto
Toggle latch with click-arrest
Acciaio zincato, inox, nichelato
Zinc-plated, nickel-plated, stainless steel



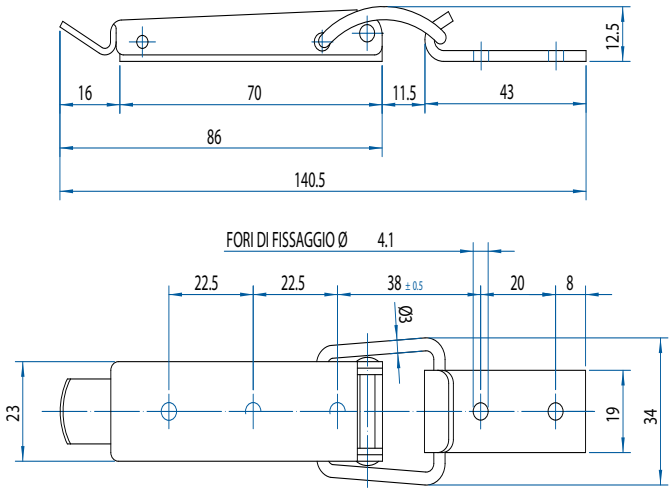


Art **2.01.00** • 00 - 01 - 04 - 30

KG		
1500N	3000N	50

Chiusura a leva / Toggle latch
Acciaio grezzo, nichelato, zincato, inox
Unplated steel, nickel-plated, zinc-plated, stainless steel



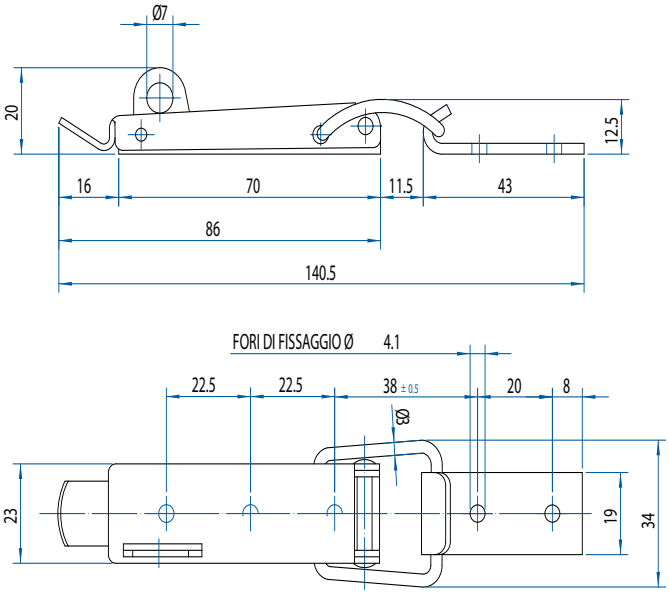


Art **2.01.01** • 00 - 01 - 04 - 30

1500N | 3000N | 50

Chiusura a leva per lucchetto / Hasp toggle latch
Acciaio grezzo, nichelato, zincato, inox
Unplated steel, nickel-plated, zinc-plated, stainless steel



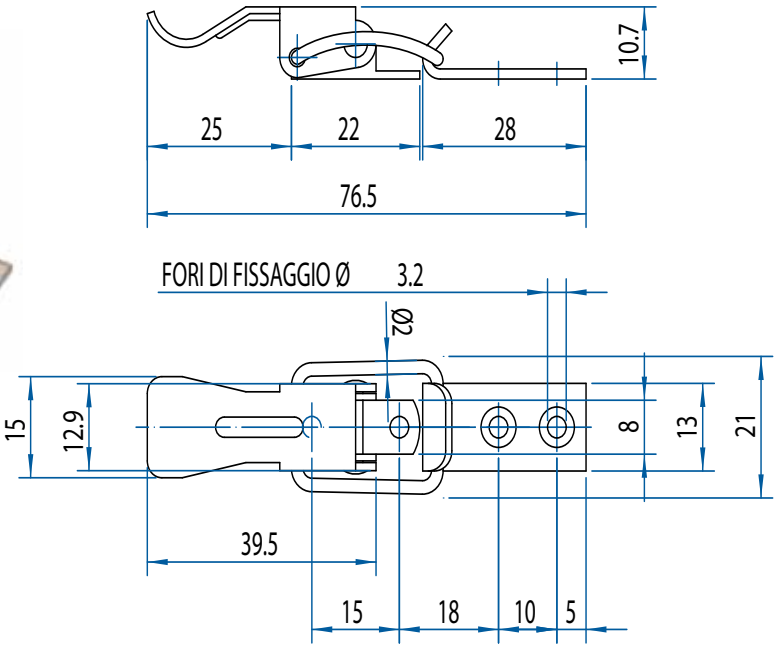


Art **2.02.00** • 00 - 01 - 04 - 30

400N | 1000N | 200

Chiusura a leva / Toggle latch
Acciaio grezzo, nichelato, zincato, inox
Unplated steel, nickel-plated, zinc-plated, stainless steel





Art **2.02.10** • 00 - 30

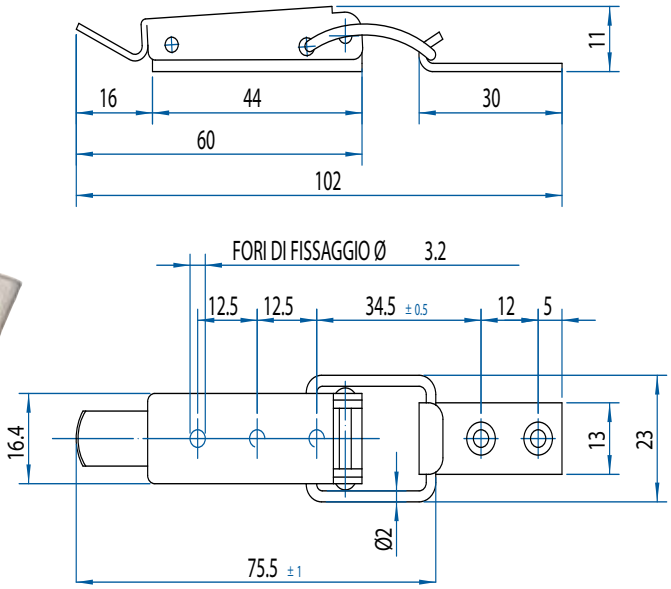
Esecuzione grezza e inox senza fori a richiesta
Unplated steel and stainless steel without holes upon request

Art **2.03.00** • 00 - 01 - 04 - 30

550N | 1300N | 150

Chiusura a leva / Toggle latch
Acciaio grezzo, nichelato, zincato,inox
Unplated steel, nickel-plated, zinc-plated, stainless steel



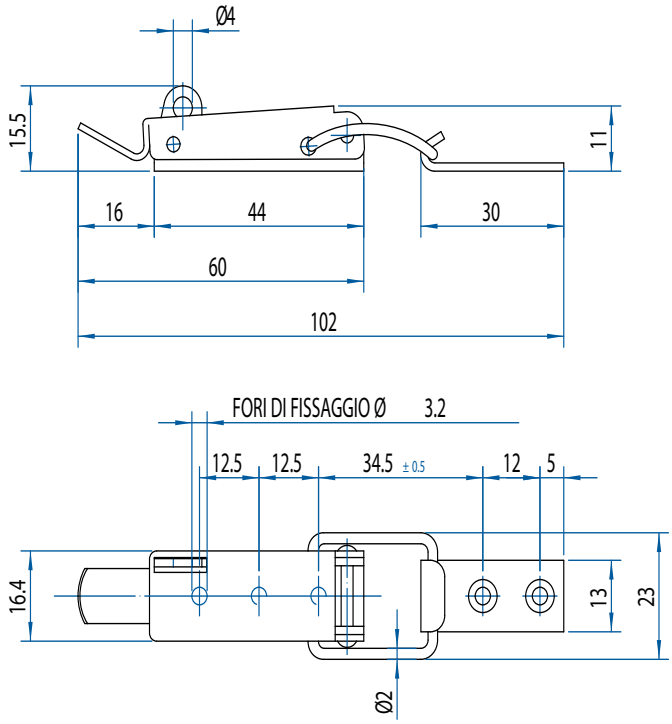


Art **2.03.01** • 00 - 01 - 04 - 30

550N | 1300N | 150

Chiusura a leva per lucchetto / Hasp toggle latch
Acciaio grezzo, nichelato, zincato, inox
Unplated steel, nickel-plated, zinc-plated, stainless steel



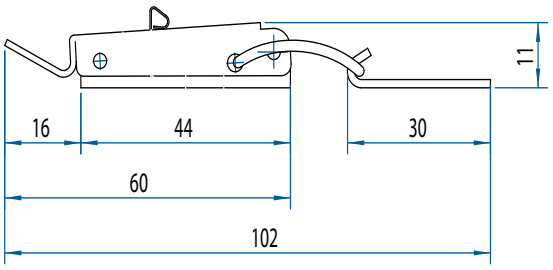


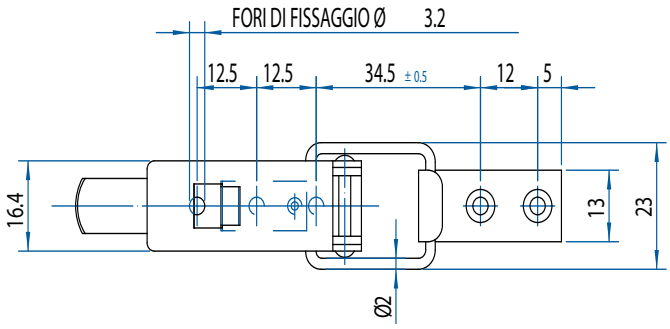
Art **2.03.02** • 04 - 30

550N | 1300N | 150

Chiusura a leva con molla di sicurezza / Toggle latch with secondary lock
Acciaio zincato, inox / Zinc-plated, stainless steel





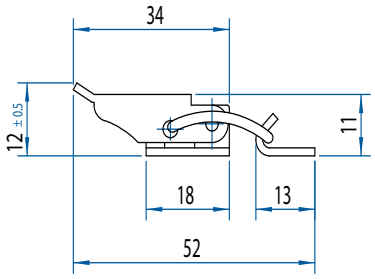


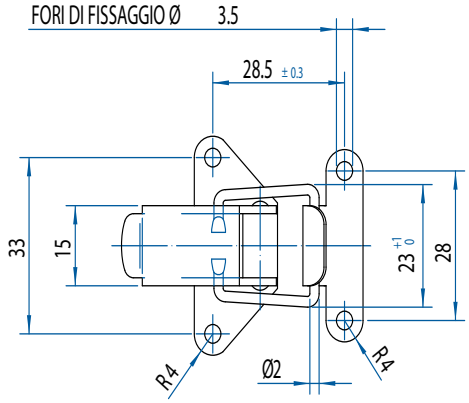
Art **2.04.00** • 00 - 01 - 04 - 30

550N | 1500N | 200

Chiusura a leva / Toggle latch
Acciaio grezzo, nichelato, zincato, inox
Unplated steel, nickel-plated, zinc-plated, stainless steel







Art **2.04.10** • 00 - 04 -30

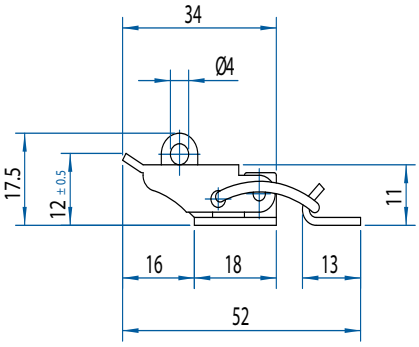
Esecuzione grezza senza fori / Unplated steel without holes
Acciaio zincato, inox / Zinc-plated, stainless steel
Lotto minimo / MOQ: 5.000 pz / pcs

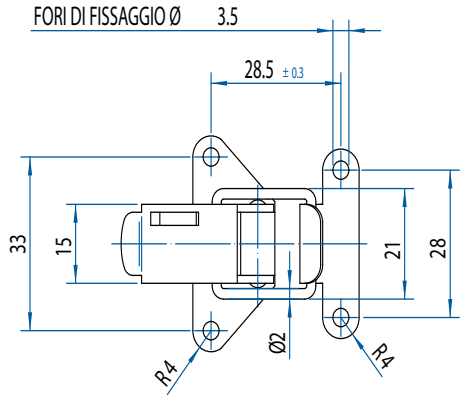
Art **2.04.01** • 00 - 01 - 04

KG		
550N	1500N	200

Chiusura a leva per lucchetto / Hasp toggle latch
Acciaio grezzo, nichelato, zincato
Unplated steel, nickel-plated, zinc-plated steel







Art **2.04.11** • 00

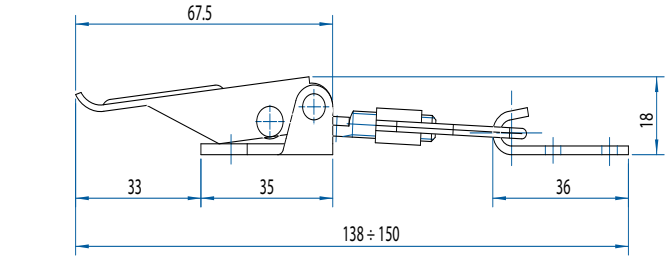
Esecuzione grezza senza fori
Unplated steel without holes

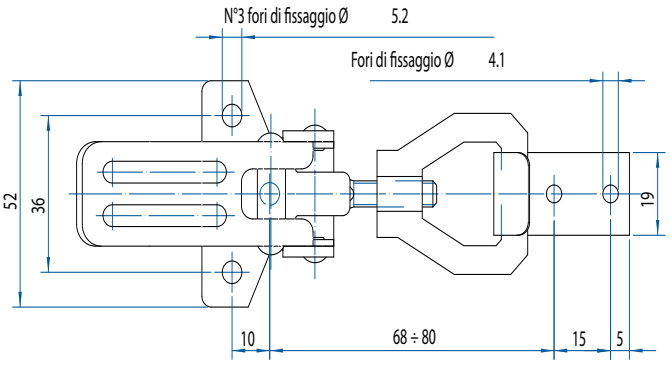
Art **2.05.00** • 00 - 01 - 04 - 30

KG		
1100N	2500N	25

Chiusura a leva regolabile / Adjustable toggle latch
Acciaio grezzo, nichelato, zincato, inox
Unplated steel, nickel-plated, zinc-plated, stainless steel





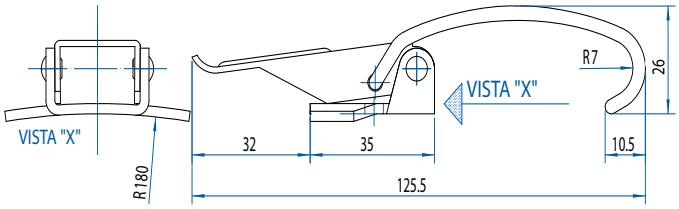


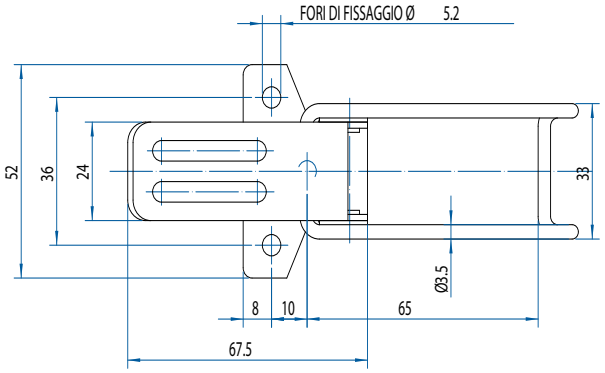
Art **2.05/621** • 04 - 30

200N | 1000N | 200

Chiusura a leva adattabile agli art. / Draw-hook suited to p/n 2.01.00
Zincato, inox / Zinc-plated, stainless steel
Lotto minimo per inox / MOQ stainless steel: 5.000 pz / pcs





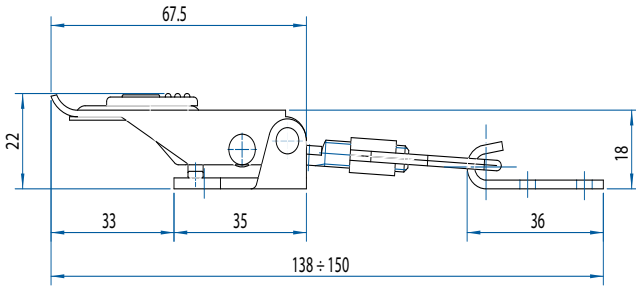


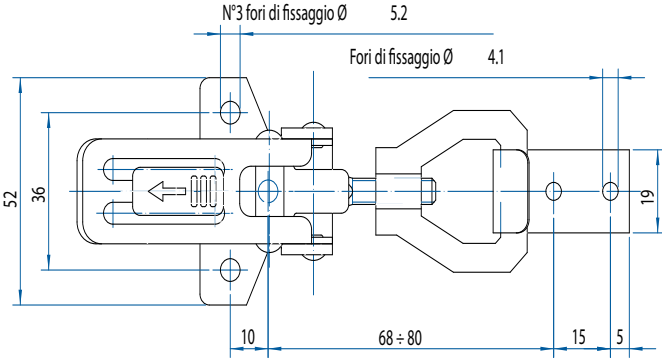
Art **2.05.02** • 01 - 30

1100N | 2500N | 25

Chiusura a leva regolabile con arresto di sicurezza
Adjustable toggle latch with secondary lock
Acciaio nichelato, inox / Nickel-plated, stainless steel
Zincata a richiesta / Zinc-plated version available upon request
Lotto minimo / MOQ: 5.000 pz / pcs





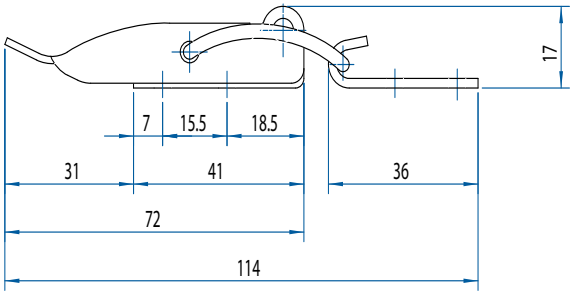


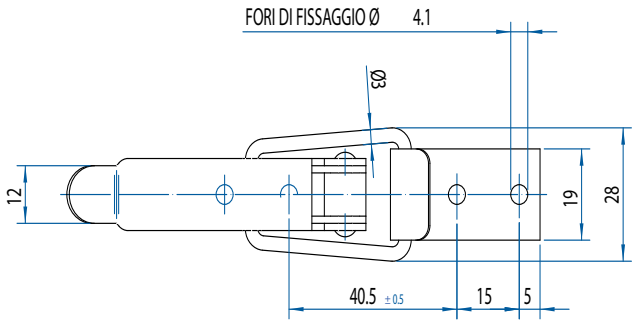
Art **2.06.00** • 00 - 01 - 04 - 30

1000N | 2500N | 50

Chiusura a leva / Toggle latch
Acciaio grezzo, nichelato, zincato, inox
Unplated steel, nickel-plated, zinc-plated, stainless steel





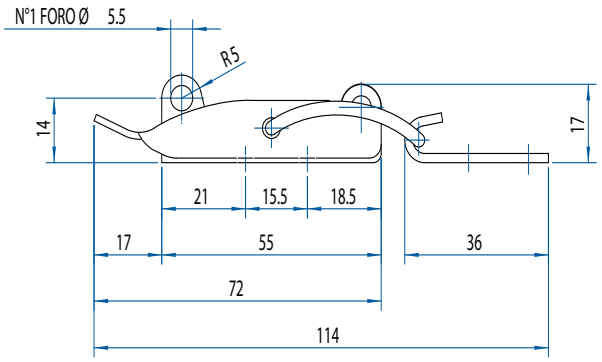


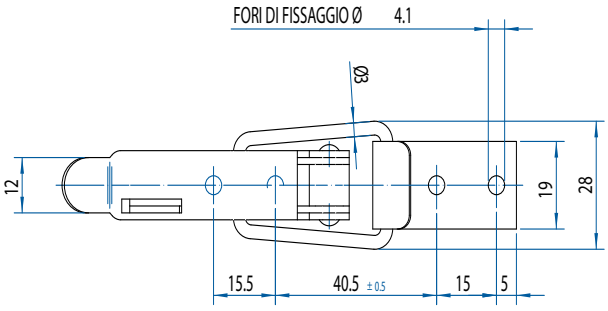
Art **2.06.01** • 00 - 01 - 04 - 30

1000N | 2500N | 50

Chiusura a leva per lucchetto / Hasp toggle latch
Acciaio grezzo, nichelato, zincato, inox
Unplated steel, nickel-plated, zinc-plated, stainless steel





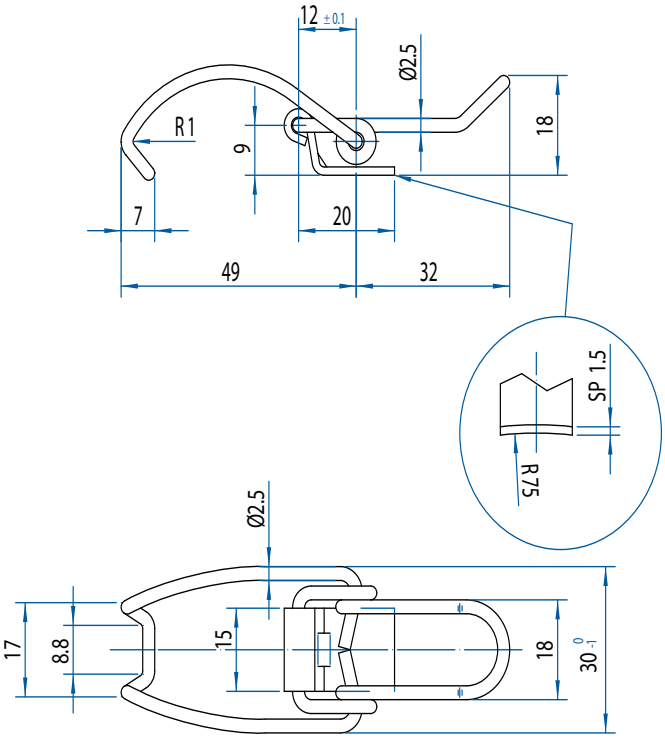


Art **2.07.00** • 04 - 30

300N | 600N | 500

Chiusura a leva / Toggle latch
Acciaio zincato, inox / Zinc-plated, stainless steel
Lotto minimo per inox / MOQ stainless steel: 10.000 pz / pcs



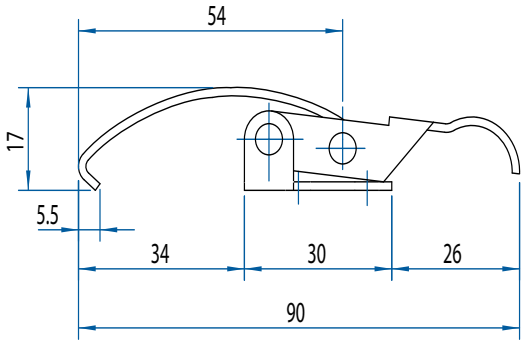


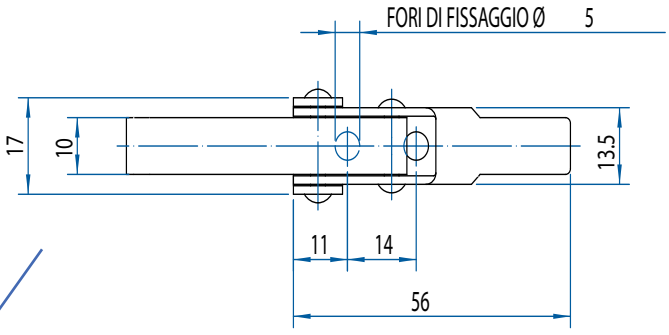
Art **2.08.00** • 00 - 01 - 04 - 30

500N | 900N | 100

Chiusura a leva / Toggle latch
Acciaio grezzo, nichelato, zincato, inox
Unplated steel, nickel-plated, zinc-plated, stainless steel







Art **2.08.10** • 00 - 01 - 04 - 30

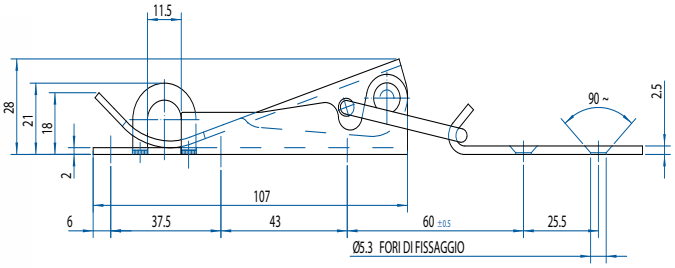
Esecuzione grezza, nichelata o zincata senza fori e inox
Unplated, nickel- and zinc-plated steel without holes and stainless steel
Lotto Min / MOQ: 1000 pz / pcs

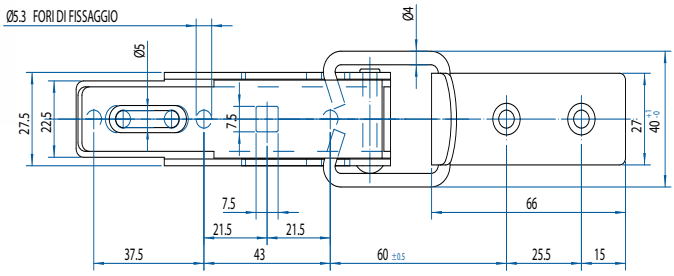
Art **2.09.01** • 04

Chiusura a leva per lucchetto / Hasp toggle latch
Acciaio zincato / Zinc-plated steel

KG	3	
2000N	3500N	25





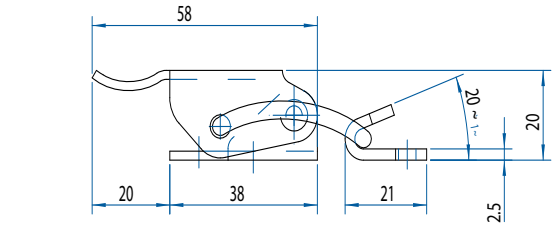


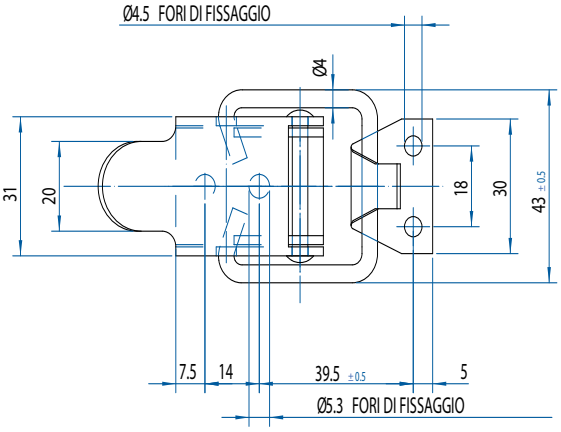
Art **2.10.00** • 04

Chiusura a leva / Toggle latch
Acciaio zincato / Zinc-plated steel

KG	3	
1500N	3000N	50





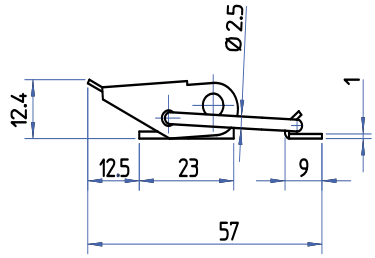


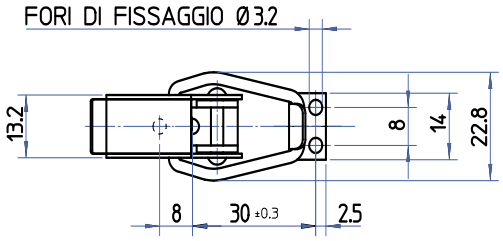
Art **2.17.00** • 04

Chiusura a leva / Toggle latch
Acciaio zincato / Zinc-plated steel

400N | 1000N | 200





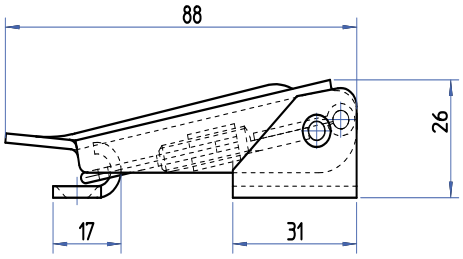


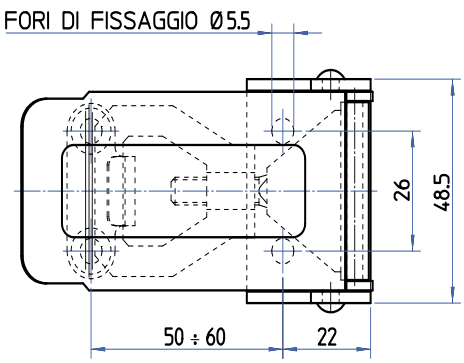
Art **2.18.00** • 04 - 30

Chiusura a leva regolabile / Adjustable toggle latch
Acciaio zincato- inox / Zinc-plated, stainless steel

1500N | 3000N | 25





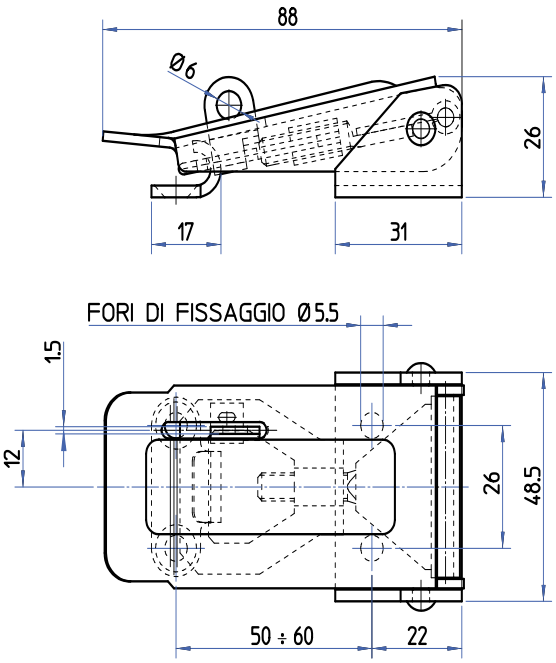


Art **2.18.01** • 04

Chiusura a leva regolabile per lucchetto / Adjustable hasp toggle latch
Acciaio zincato / Zinc-plated steel

KG		
1500N	3000N	25



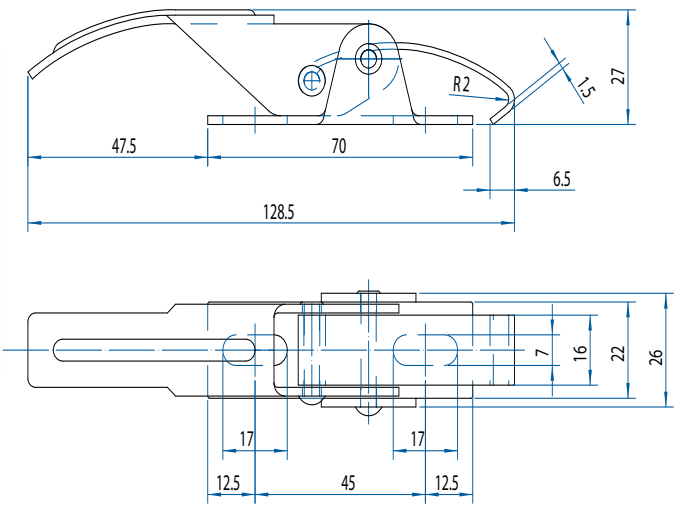


Art **2.19.00** • 04

Chiusura a leva con gancio acciaio
Toggle latch with stainless steel hook
Acciaio zincato / Zinc-plated steel

KG		
750N	1500N	100



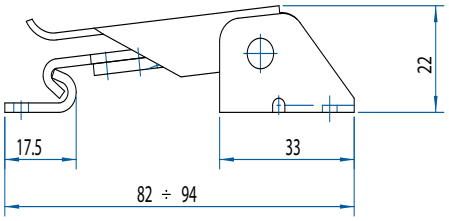


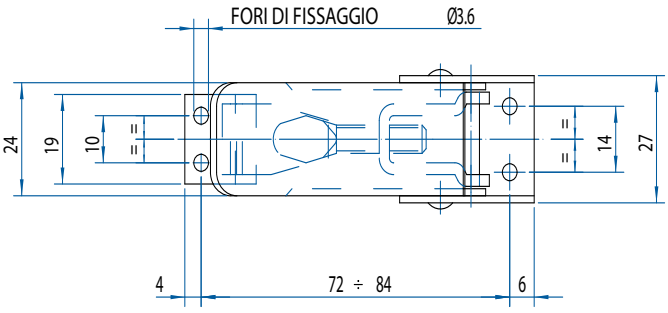
Art **2.30.00** • 01 - 04

1000N | 2000N | 50

Chiusura a leva regolabile / Adjustable toggle latch
Acciaio zincato -nichelato / Zinc-plated, nickel-plated steel





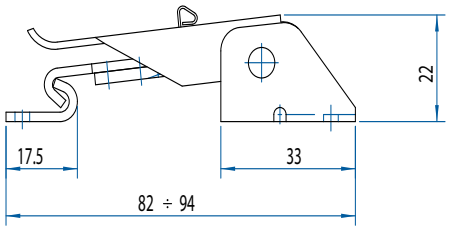


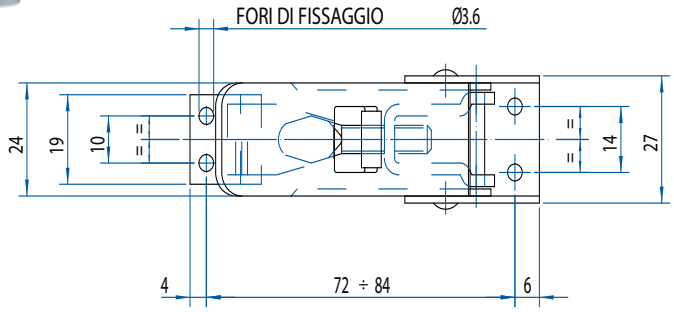
Art **2.30.02** • 04

1000N | 2000N | 50

Chiusura a leva regolabile con molla di sicurezza
Adjustable toggle latch with secondary lock
Acciaio zincato / Zinc-plated steel





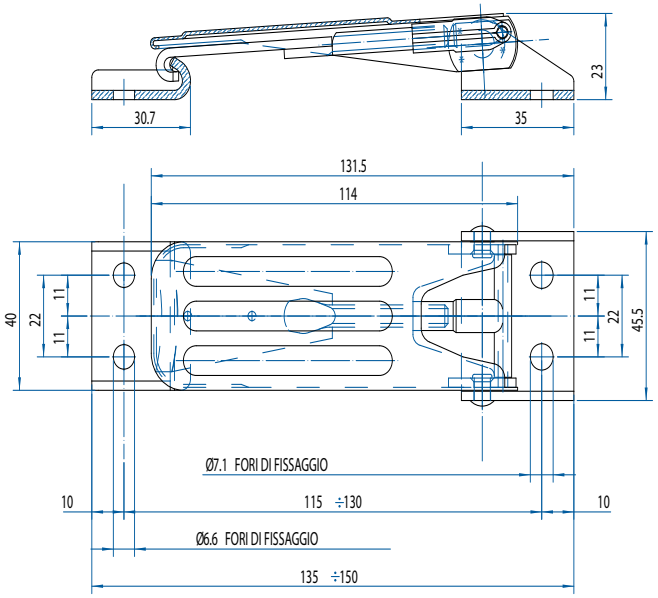


Art **2.40.00** • 04

Chiusura a leva regolabile / Adjustable toggle latch
Acciaio zincato / Zinc-plated steel

2000N | 4000N | 25



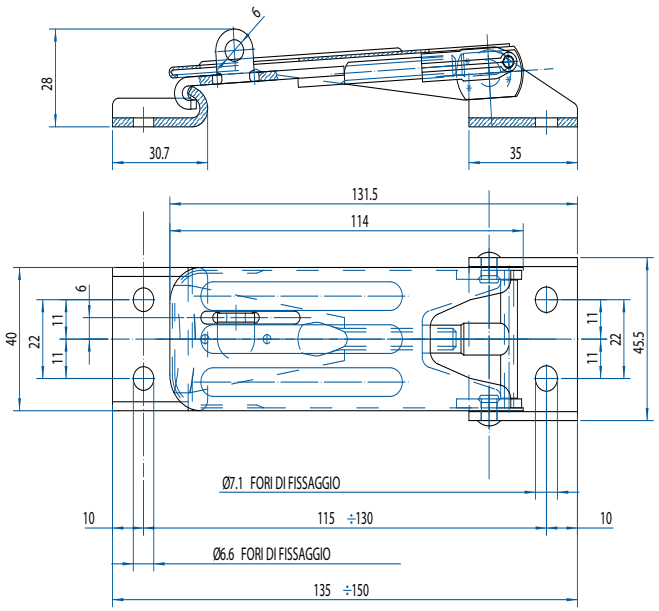


Art **2.40.01** • 04

Chiusura a leva regolabile per lucchetto / Adjustable hasp toggle latch
Acciaio zincato / Zinc-plated steel

2000N | 4000N | 25



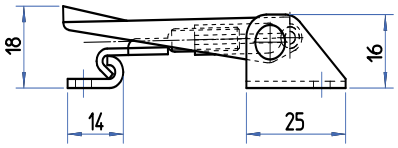


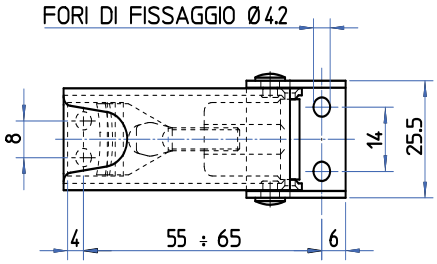
Art **2.41.00** • 04 - 30

Chiusura a leva regolabile / Adjustable toggle latch
Acciaio zincato, inox / Zinc-plated / stainless steel

1000N | 1400N | 100





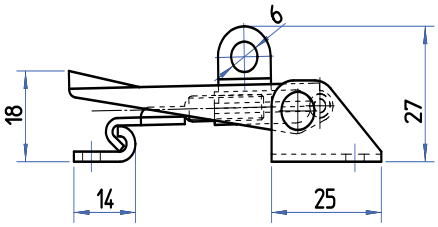


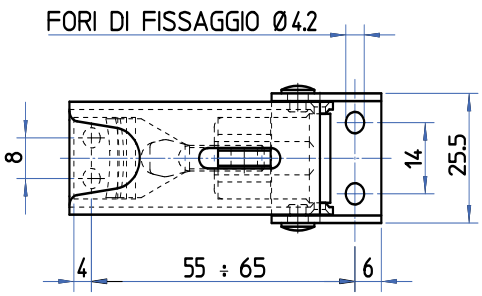
Art **2.41.01** • 04 - 30

Chiusura a leva regolabile per lucchetto / Adjustable hasp toggle latch
Acciaio zincato, inox / Zinc-plated / stainless steel

1000N | 1400N | 100





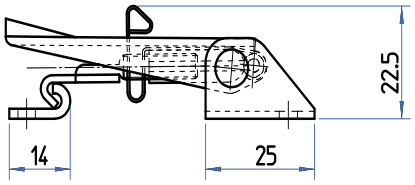


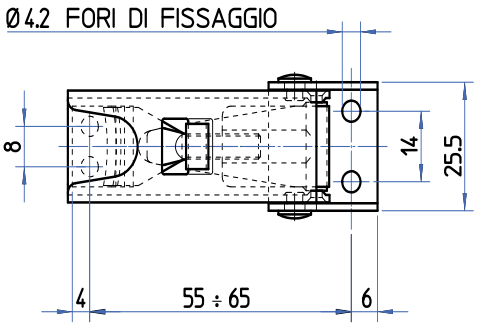
Art **2.41.02** • 04 - 30

1000N | 1400N | 100

Chiusura a leva con molla di sicurezza
Adjustable toggle latch with secondary lock
Acciaio zincato, inox / Zinc-plated / stainless steel





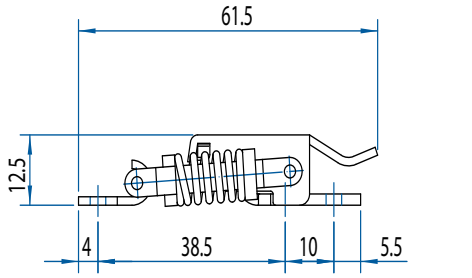


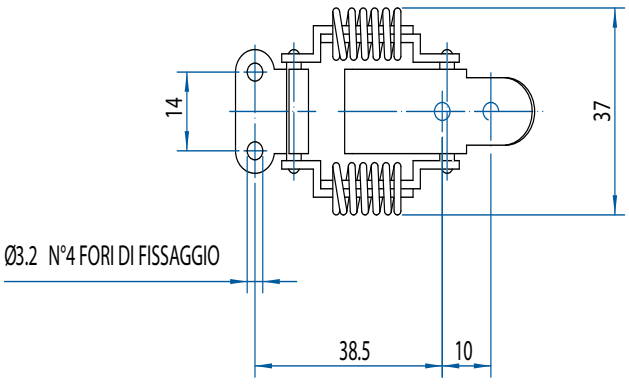
Art **2.42.00** • 04 - 30

500N | 1500N | 100

Chiusura a leva con trazione compensata / Toggle latch with tension springs
Acciaio zincato, inox / Zinc-plated, stainless steel







Art **2.42.10**

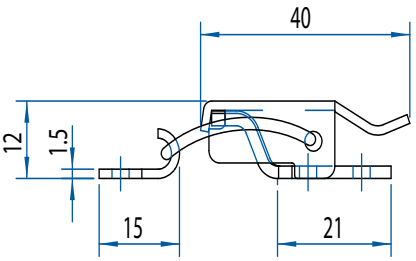
Versione senza fori / version without holes
Lotto minimo / MOQ 10.000 pz / pcs

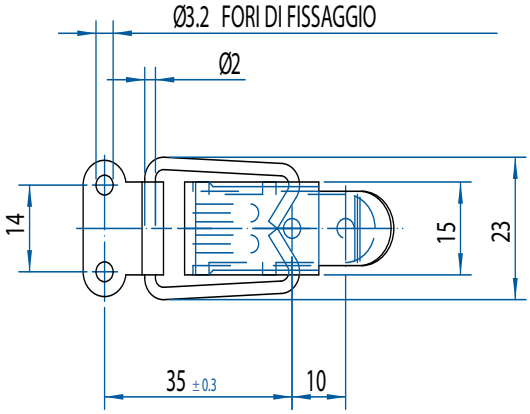
Art **2.43.00** • 04 - 30

Chiusura a leva / Toggle latch
Acciaio zincato, inox / Zinc-plated, stainless steel

550N | 1000N | 100





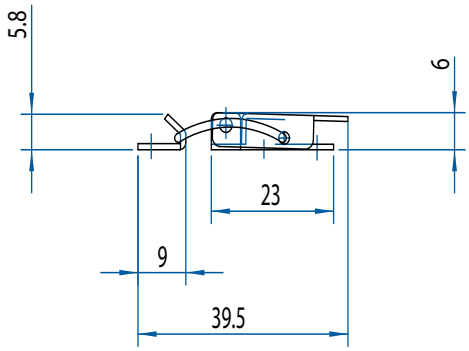


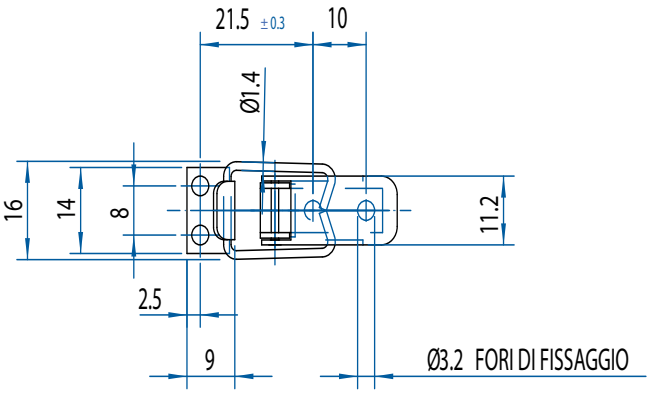
Art **2.45.00** • 04

Chiusura a leva / Toggle latch
Acciaio zincato / Zinc-plated steel

150N | 300N | 200





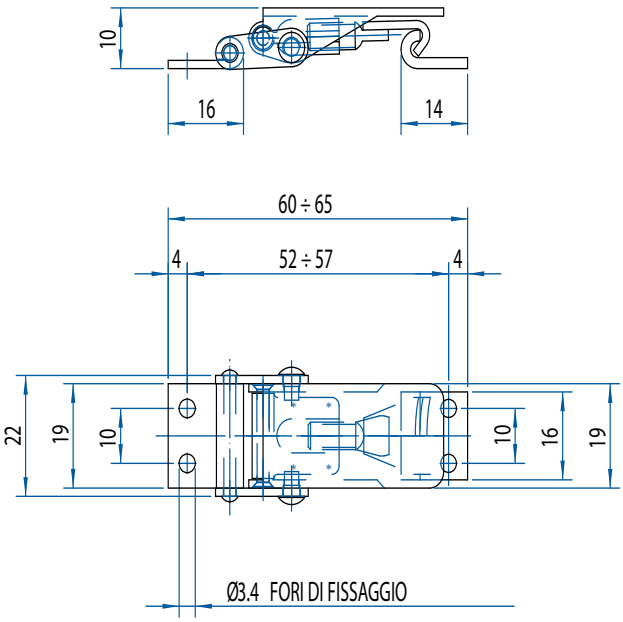


Art **2.46.00** • 04

Chiusura a leva regolabile / Adjustable toggle latch
Acciaio zincato / Zinc-plated steel

KG	3	
750N	1500N	100



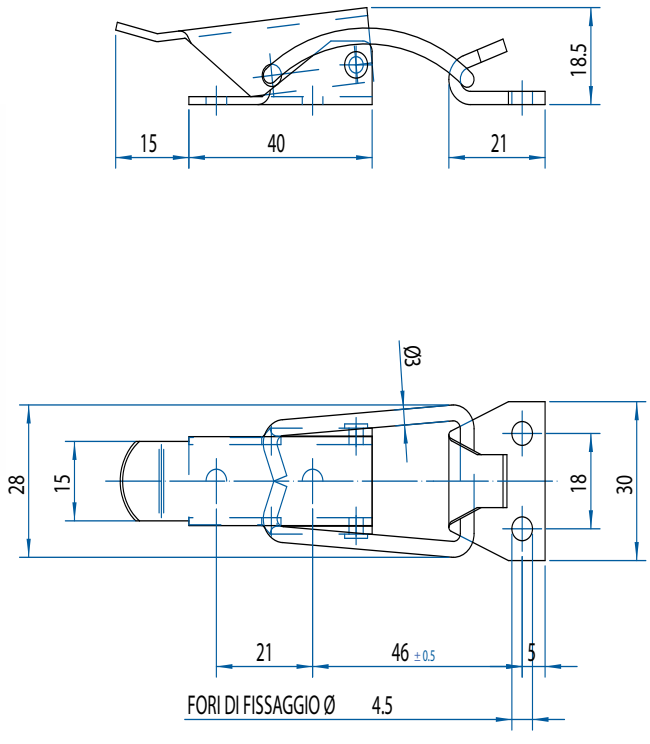


Art **2.52.00** • 04 - 05

Chiusura a leva / Toggle latch
Acciaio zincato, bronzato / Zinc-plated, bronzed steel

KG	3	
1000N	2500N	50





Chiusure con ganci speciali a richiesta

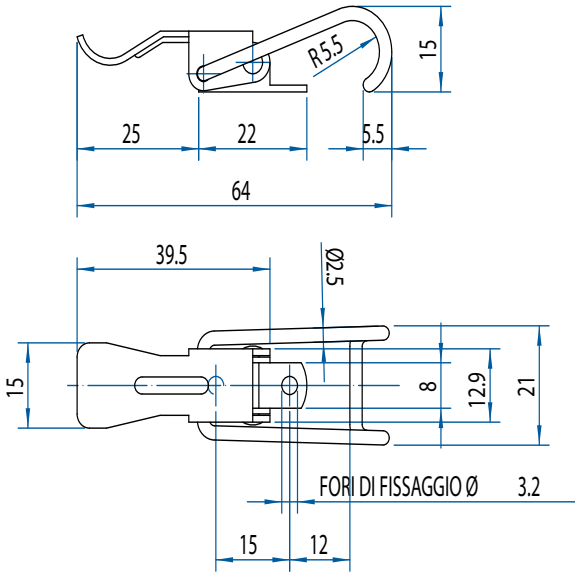
Toggle latches with special draw-hooks - upon request

Art **CL 461/202** • 00 - 04 -30

Chiusura a leva adattabile agli articoli: / Draw-hook suited to p/n:
2.03.00 / 2.04.00 / 2.17.00 / 2.43.00
Acciaio grezzo, zincato, inox / Unplated stell, Zinc-plated, Stainless Steel

Lotto minimo / MOQ: 5000 pz / pcs
Lotto minimo Inox / MOQ stainless steel: 10.000 pz / pcs

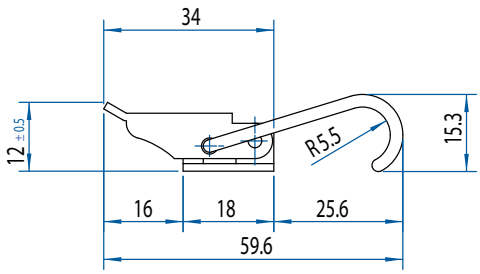


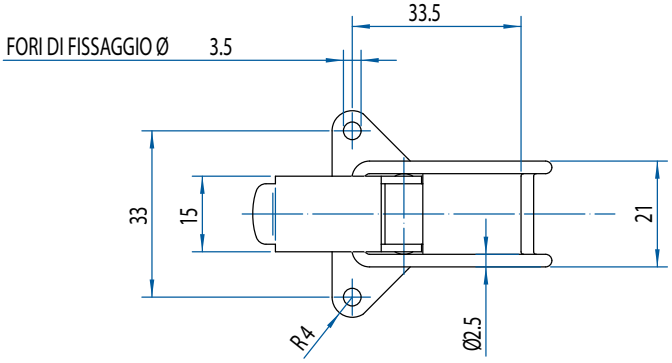


Art **CL 461/204** • 04 - 30

Chiusura a leva / Toggle latch
Acciaio zincato, inox / Zinc-plated, stainless steel
Lotto minimo / MOQ: 5.000 pz / pcs



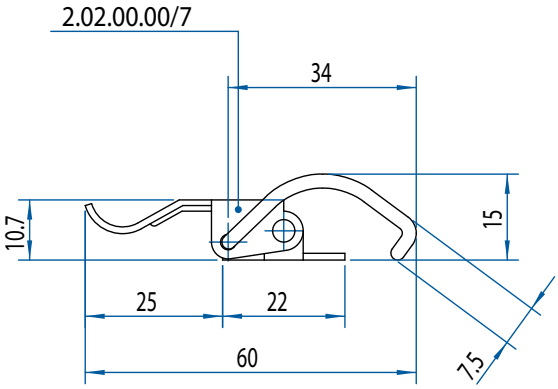


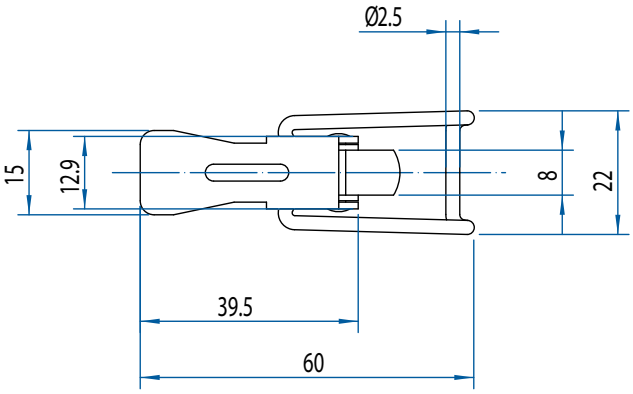


Art **CL 560/2.02.10** • 00

Chiusura a leva / Toggle latch
Acciaio grezzo senza fori / Unplated steel without holes
Lotto minimo / MOQ: 10.000 pz / pcs



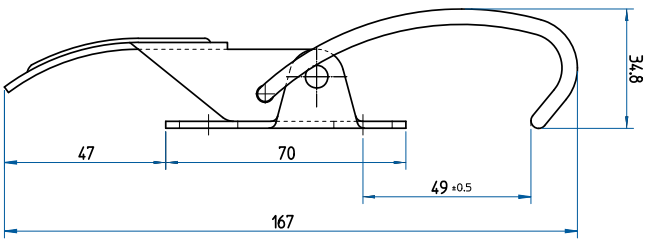


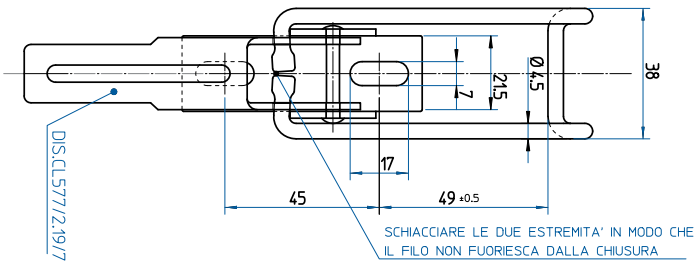


Art **CL 577/2.19** • 04 -30

Chiusura a leva / Toggle latch
Zincato, inox
Zinc-plated, stainless steel
Lotto minimo zincato / MOQ zinc-plated 5.000 pz / pcs



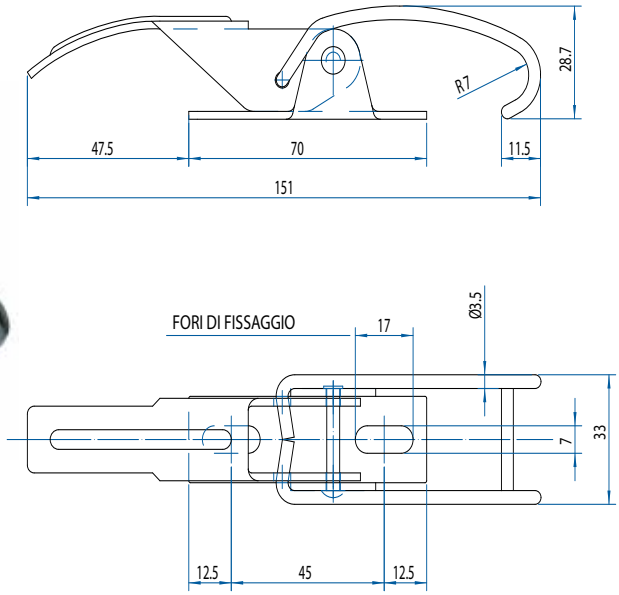




Art **CL 621/219** • 04

Chiusura a leva adattabile agli articoli / Draw-hook suited to p/n: 2.19, 2.01
Esecuzione zincata / Zinc-plated steel
Lotto minimo / MOQ: 500 pz / pcs
Lotto minimo inox / MOQ stainless steel: 10.000 pz / pcs

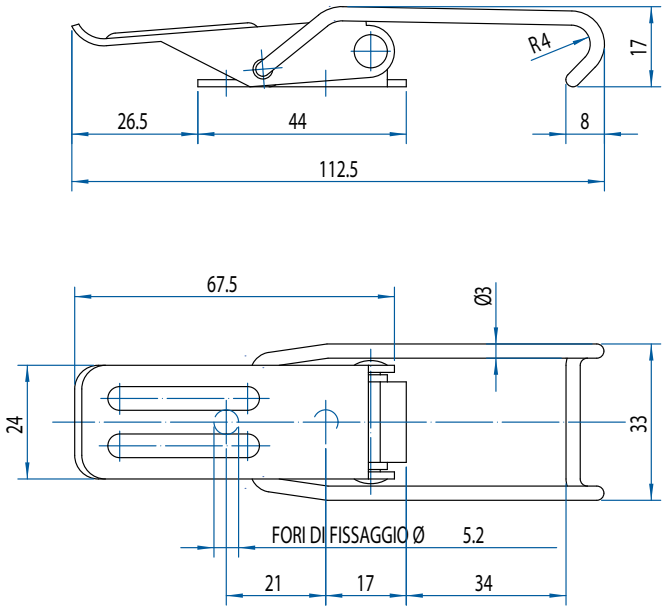




Art **CL 634/205** • 04- 30

Chiusura a leva adattabile agli articoli / Draw-hook suited to p/n: 2.01.00
Lotto minimo inox / MOQ stainless steel: 20.000 pz / pcs
Lotto minimo zincato / MOQ zinc-plated steel: 10.000 pz / pcs

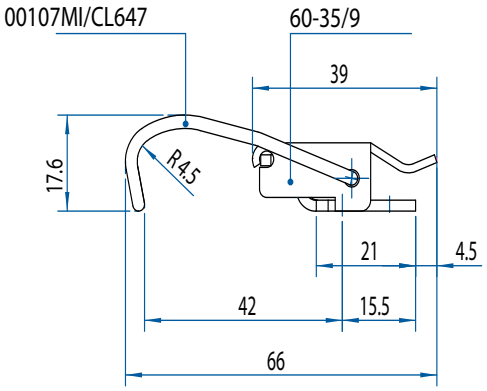


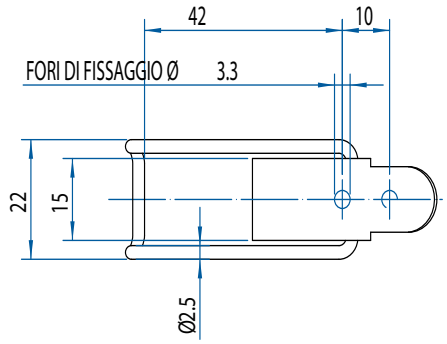


Art **CL 647/243** • 04 - 30

Chiusura a leva adattabile agli art. / Draw-hook suited to p/n: 2.02.00/2.03.00/2.04.00/2.17.00
Lotto minimo zincato / MOQ zinc-plated steel: 5.000 pz / pcs
Lotto minimo inox / MOQ stainless steel: 10.000 pz / pcs



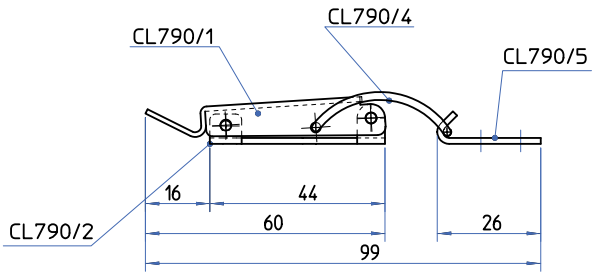


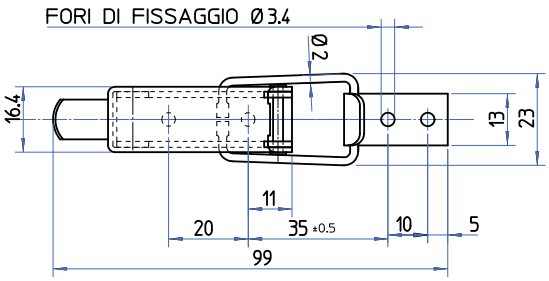


Art **CL 790/2.03.00** • 04 - 30

Chiusura a leva / Toggle latch
Zincata bianca-acc. inox fibbia schiacciata adattabile ad art. 2.01
Zinc-plated, stainless steel - catch hook flattened on the ends, suited to p/n: 2.01
Lotto minimo / MOQ: 10.000 pz / pcs



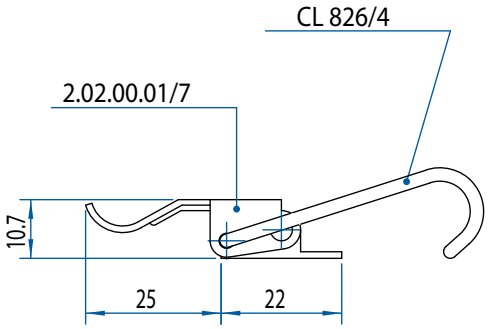


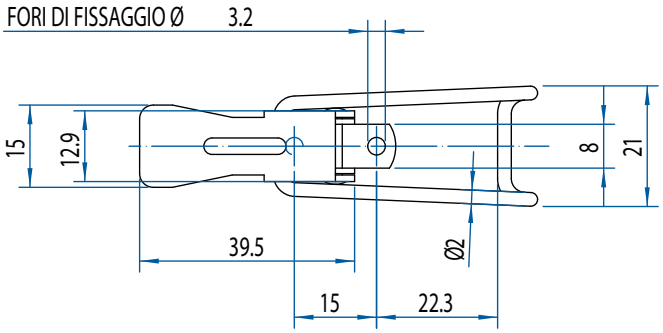


Art **CL 826/202** • 01

Chiusura a leva adattabile agli articoli / Toggle latch suited to p/n: 2.04, 2.17
Nichelata / Nickel-plated steel
Lotto minimo / MOQ: 10.000 pz / pcs



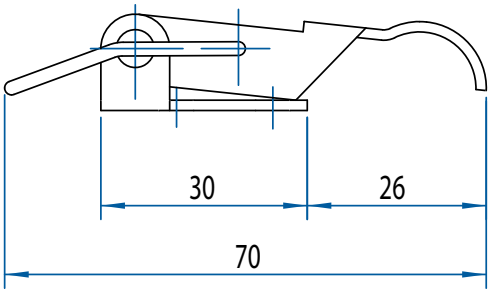


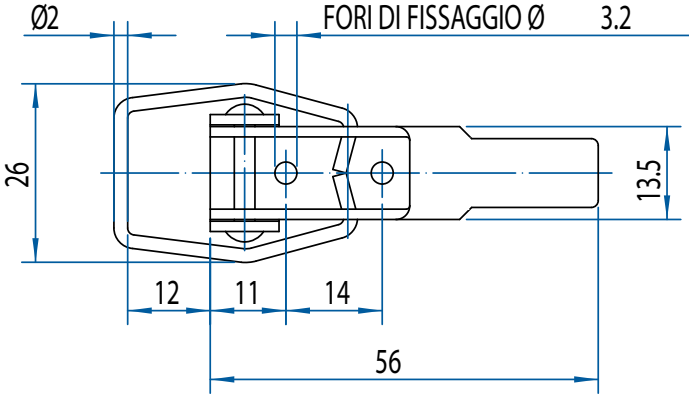


Art **CL 832/2.08** • 00 - 04

Chiusura a leva adattabile agli articoli / Draw-hook suited to p/n: 2.02.00 / 2.03.00 / 2.04.00 / 2.43.00
Acciaio grezzo, zincato / Unplated steel, zinc-plated
Lotto minimo / MOQ: 10.000 pz / pcs



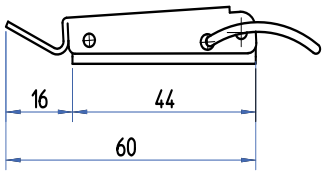


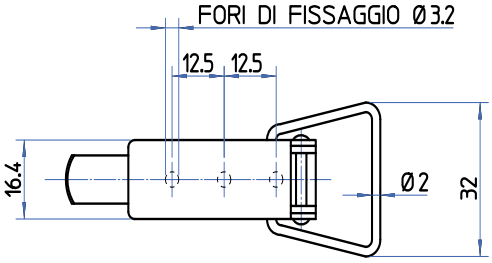


Art **CL 835/203**

Chiusura a leva adattabile agli articoli / Draw-hook suited to p/n: 2.17.00
Lotto minimo / MOQ: 10.000 pz / pcs



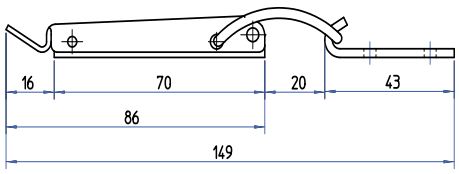


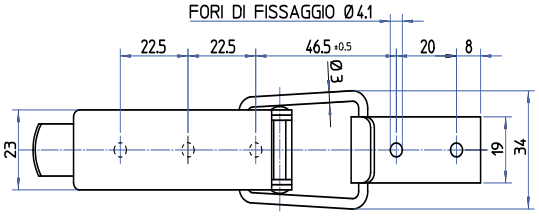


Art **CL 839/201**

Chiusura a leva adattabile agli articoli: / Draw-hook suited to p/n:
2.03.00 / 2.04.00 / 2.17.00 / 2.43.00
Lotto minimo / MOQ: 5000 pz / pcs
Lotto minimo Inox / MOQ stainless steel: 10.000 pz / pcs







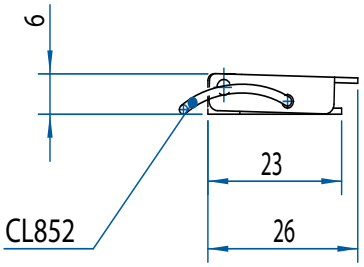
Art **CL 852/2.45** • 04

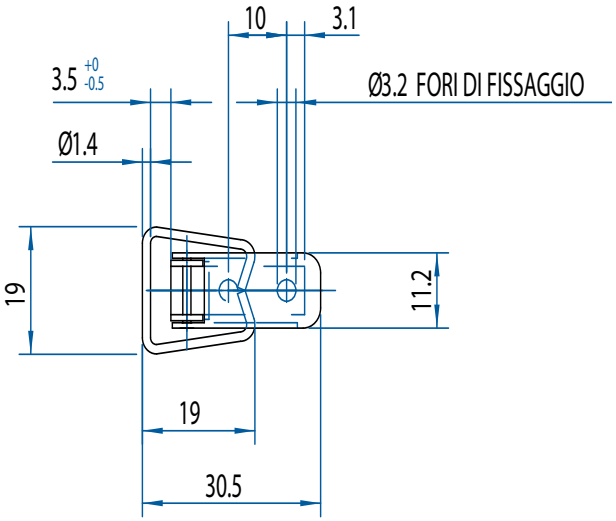
Chiusura a leva / Toggle latch
Zincata bianca / Zinc-plated steel
Lotto minimo / MOQ: 10.000 pz/pcs

KG 400N

700N



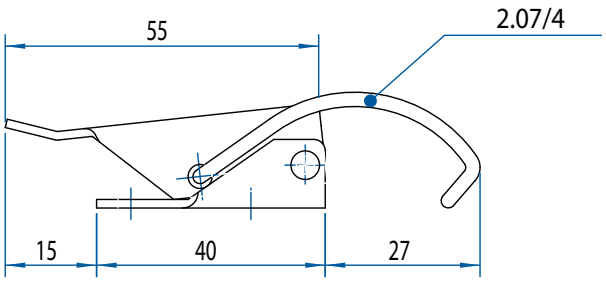


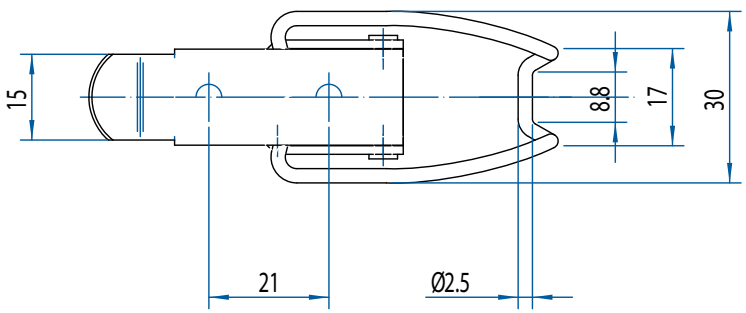


Art **CL 858/2.52** • 07 - 04

Chiusura a leva / Toggle latch
Brunita- zincata / Burnished, zinc-plated steel
Lotto minimo / MOQ: 5.000 pz / pcs



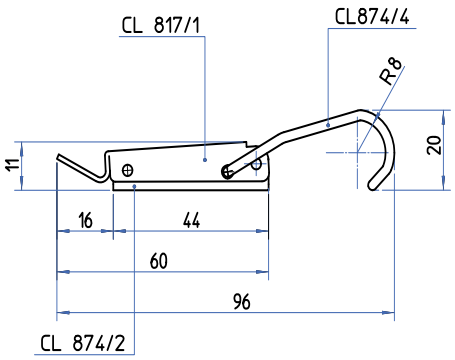


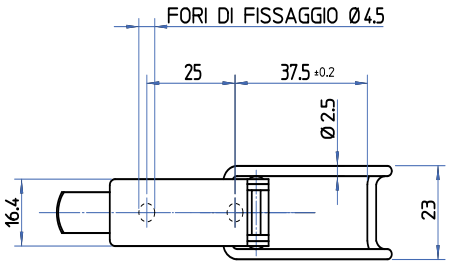


Art **CL 874/203**

Chiusura a leva adattabile agli articoli / Draw-hook suited to p/n: 2.17.00
Lotto minimo / MOQ: 10.000 pz / pcs



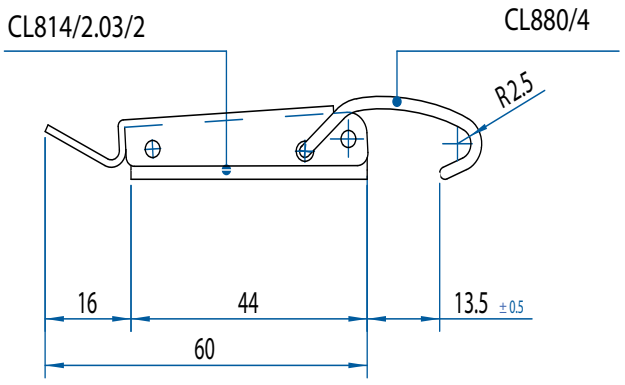


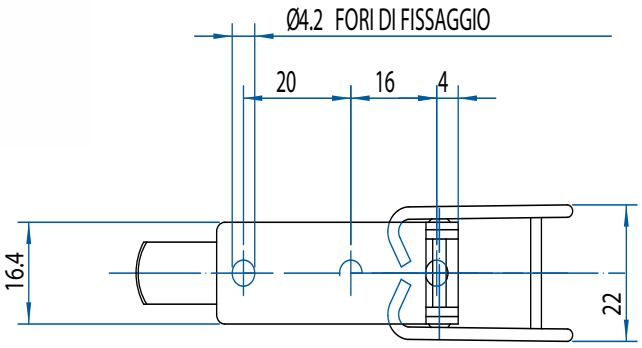


Art **CL 880/203**

Chiusura a leva adattabile agli articoli / Draw-hook suited to 2.17.00
Lotto minimo / MOQ: 10.000 pz / pcs



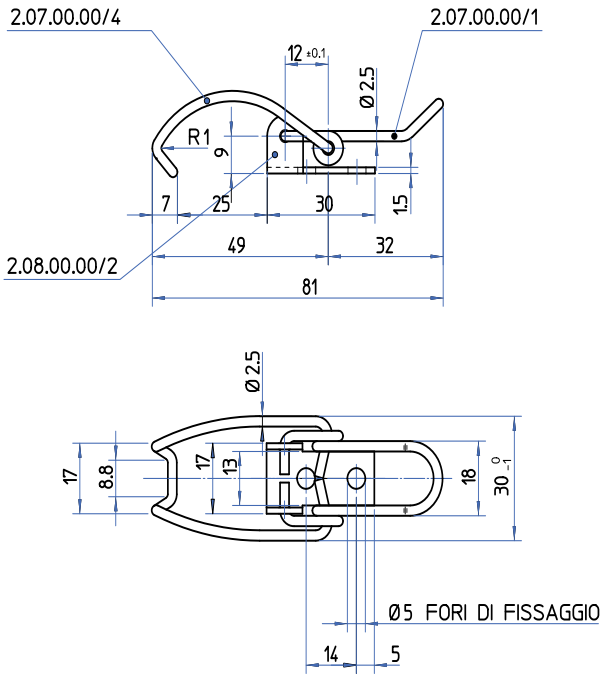




Art CL 881/207

Chiusura a leva / Toggle latch
Esecuzione zincata/ Zinc-plated stell
Lotto minimo / MOQ: 5000 pz / pcs
Lotto minimo Inox / MOQ stainless steel: 10.000 pz / pcs

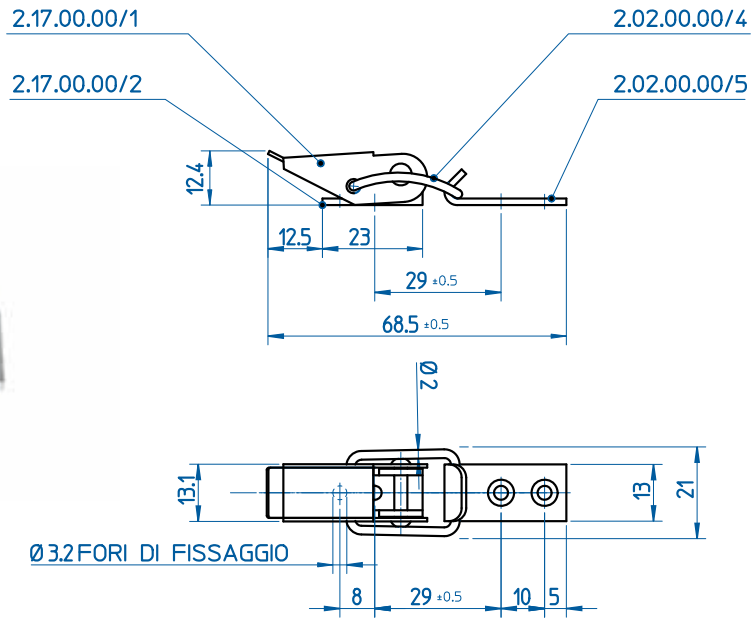




Art CL 916/2.17 • 04

Chiusura a leva / Toggle latch
Zincata / Zinc-plated
Lotto minimo / MOQ: 5.000 pz / pcs

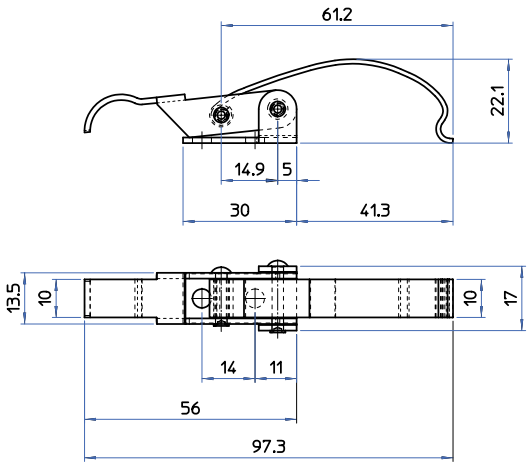




Art **CL 922/2.08**

Chiusura a leva zincata / Toggle latch
Acciaio zincato / Zinc-plated
Lotto minimo / MOQ: 5.000 pz / pcs

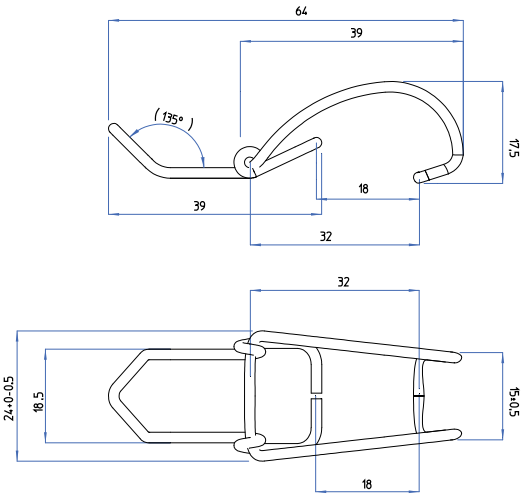




Art **CL 931**

Chiusura in filo piccola / Small wire toggle latch
Acciaio zincato / Zinc-plated
Lotto minimo / MOQ: 10.000 pz / pcs

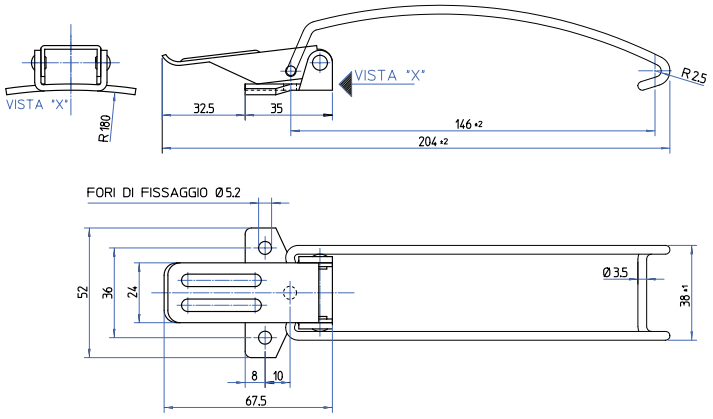




Art **CL 934/2.05 ZN**

Chiusura a leva zincata / Toggle latch
Acciaio zincato / Zinc-plated
Lotto minimo / MOQ: 5.000 pz / pcs





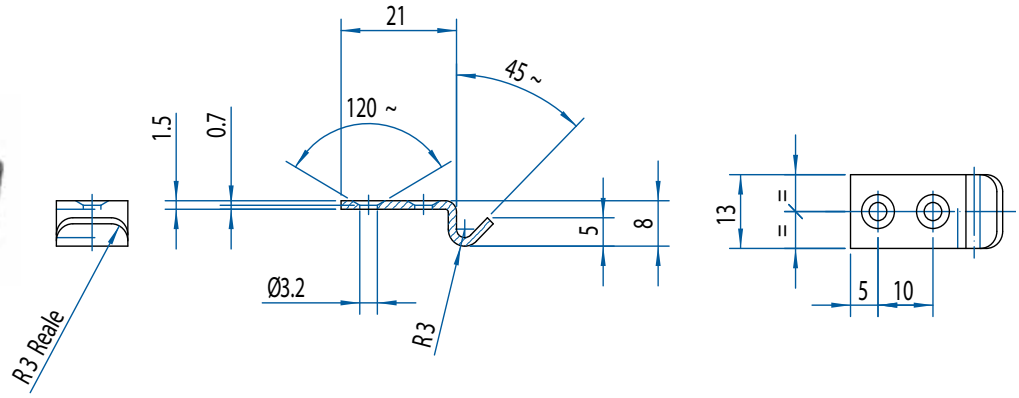
Riscontri a richiesta / Special strikes - upon request

Art **CL 590** • 00

Adattabile agli art. / Suited to PN: **2.02.00 / 2.03.00 / 2.04.00 / 2.43.00**
Acciaio grezzo / Unplated steel

Lotto minimo per grezzo / MOQ unplated steel: 5.000 pz / pcs
Lotto minimo per zincato / MOQ zinc-plated: 10.000 pz / pcs

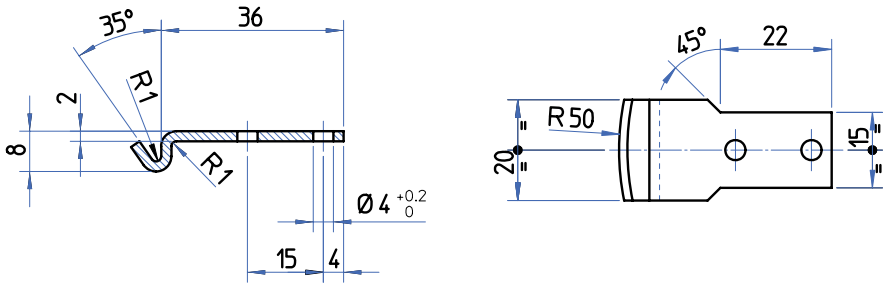




Art **CL 642/5** • 30 - 04

Lotto minimo per inox / MOQ stainless steel: 2.000 pz / pcs
Lotto minimo per zincato / MOQ zinc-plated steel: 5.000 pz / pcs

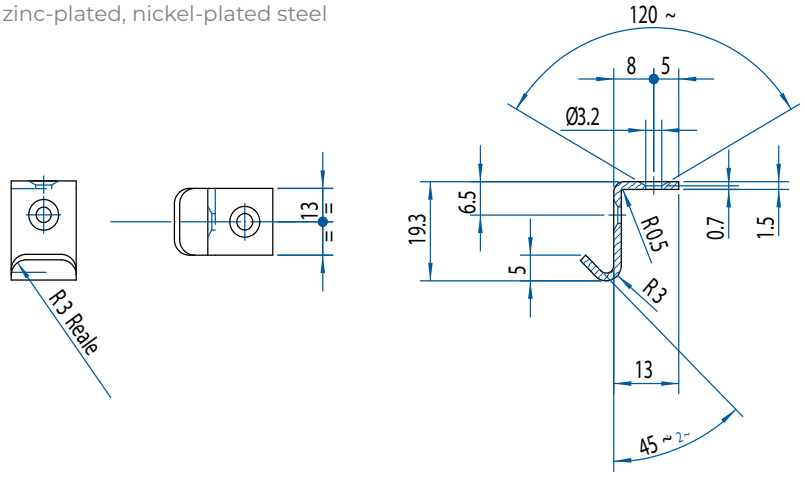




Art **CL 654** • 00 - 01 - 04

Adattabile agli art. / Suited to p/n: **2.02.00 / 2.03.00 / 2.04.00 / 2.43.00**
Acciaio grezzo, zincato e nichelato / Unplated steel, zinc-plated, nickel-plated steel
Lotto minimo / MOQ: 10.000 pz / pcs

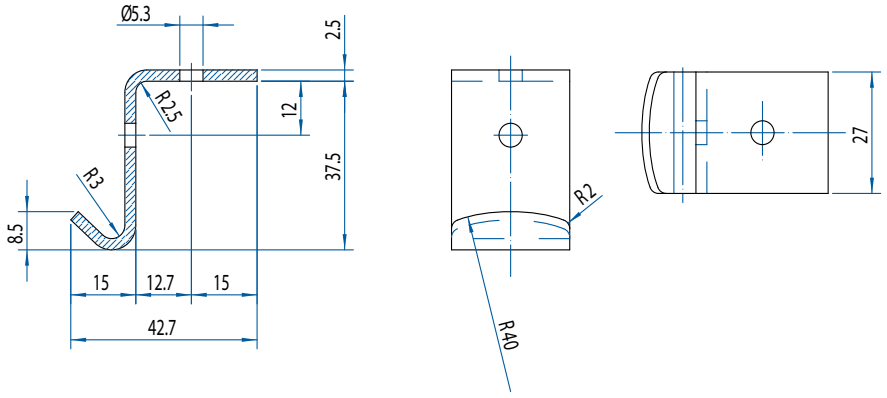




Art **CL 708** • 04 - 30

Adattabile agli art. / Suited to p /n: **2.00.00 / 2.09.01 / 2.10.00**
Inox, zincato / Stainless steel, zinc-plated steel
Lotto minimo / MOQ: 2.500 pz / pcs

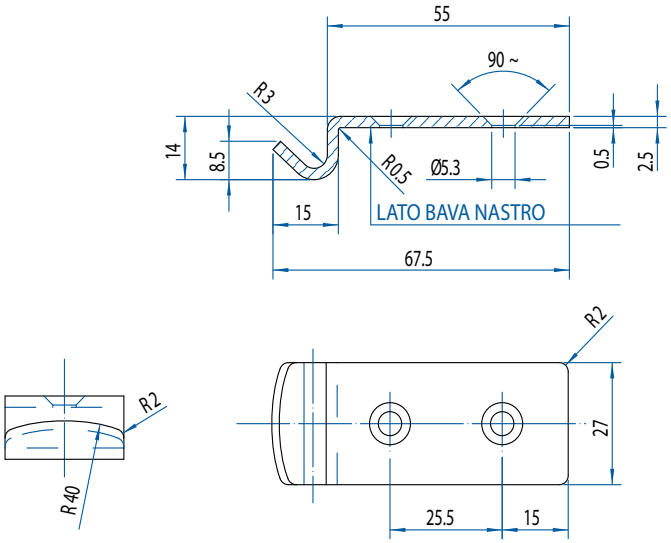




Art **CL 709** • 01 - 04 -30

Adattabile agli art. / Suited to p/n: **2.00.00 / 2.09.01 / 2.10.00 / 2.01.00**
Zincato, nichelato, inox / Zinc-plated, nickel-plated steel, stainless steel
Lotto minimo / MOQ: 1.000 pz / pcs

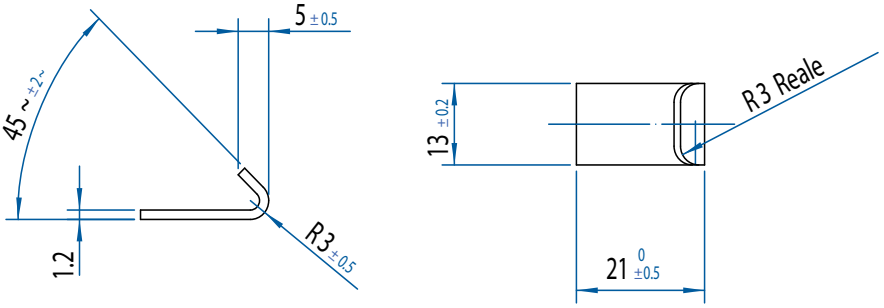




Art **CL 756/2.02.10** • 00 - 30

Adattabile agli art. / Suited to p/n: **2.02.00 / 2.03.00 / 2.04.00 / 2.43.00**
Grezzo e zincato senza fori / Unplated steel, zinc-plated steel, without holes
Lotto minimo / MOQ: 10.000 pz / pcs

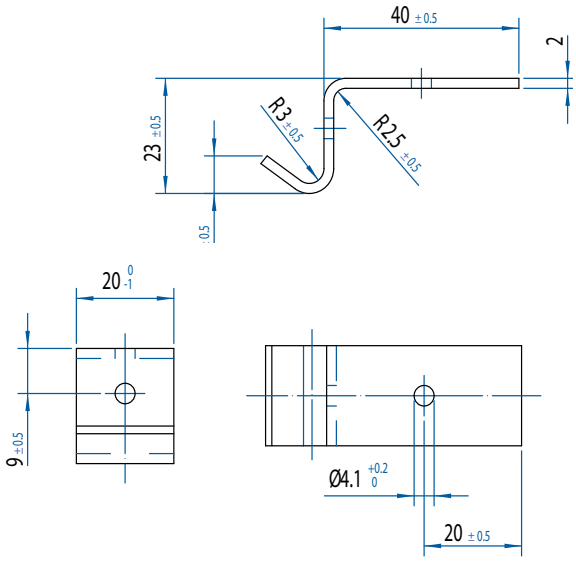




Art **CL 783** • 04 - 30

Adattabile agli art. / Suited to p/n: **2.01.00 / 2.05.00 / 2.06.00 / 2.52.00**
Inox e zincato / Stainless steel, zinc-plated steel
Lotto minimo / MOQ: 5.000 pz / pcs

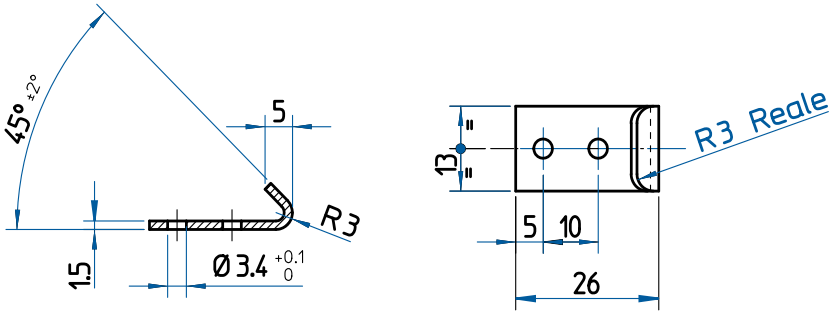




Art **CL 790/5zn** • 04 - 30

Acciaio zincato, inox / Zinc-plated, stainless steel
Lotto minimo / MOQ: 10.000 pz / pcs

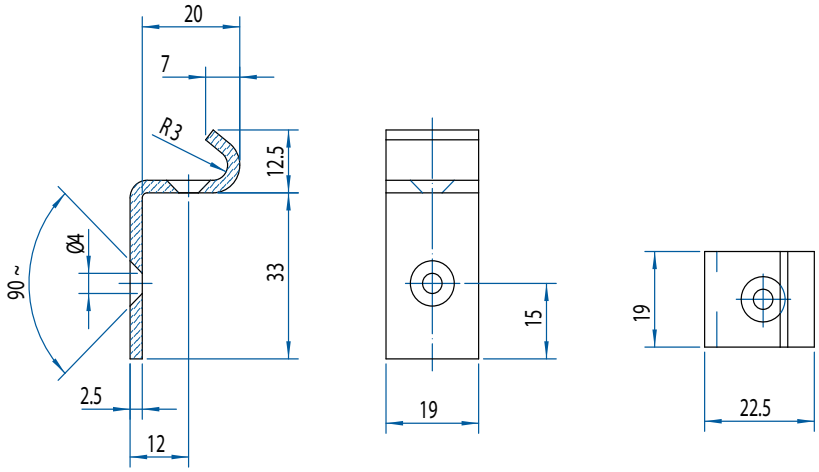




Art **CL 795** • 00 - 01 -04

Adattabile agli art. / Suited to p/n: **2.01.00 / 2.05.00 / 2.06.00 / 2.52.00**
Acciaio grezzo, zincato e nichelato / Unplated steel, zinc-plated, nickel-plated steel
Lotto minimo per grezzo / MOQ unplated steel: 5.000 pz / pcs





Art 3.06.00

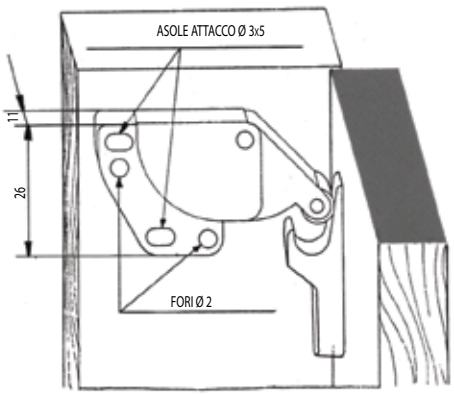
100

Cricchetto brevettato blocca antine / Acciaio nichelato
Patented touch latch / mini latch / Nickel-plated

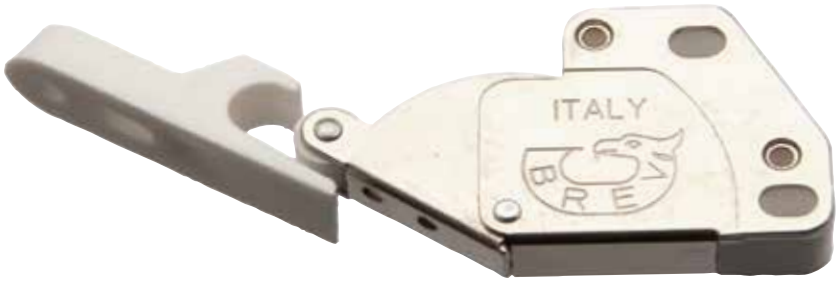
Parti in plastica: inserto, rullino, riscontro
Plastic components: insert, roller, strike

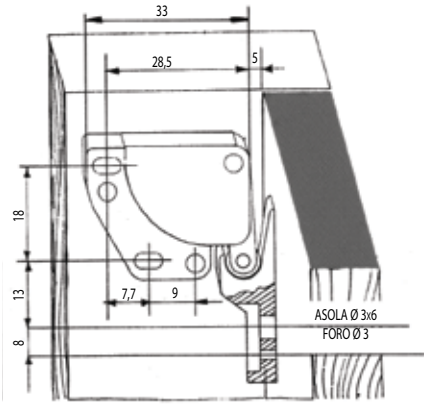
Resistenza al calore: 90° in continuo, 150° per brevi durate
Heat resistance: 90° in continuous, 150° for short periods



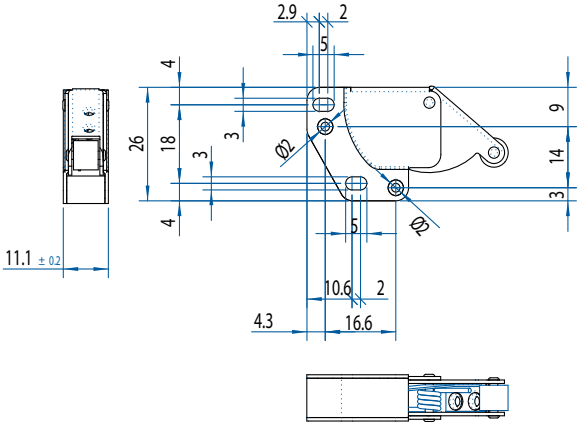


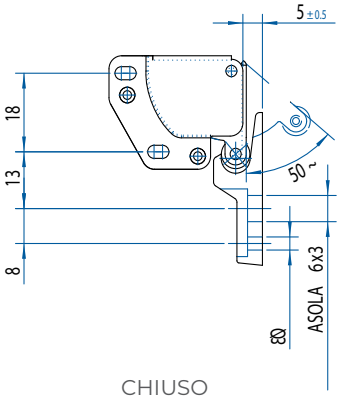
APERTO



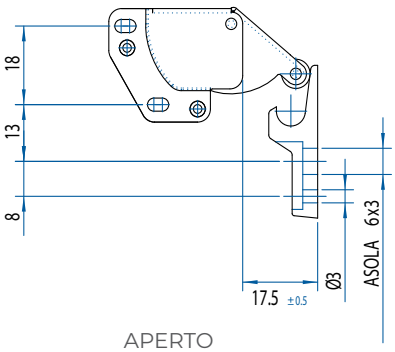


CHIUSO





CHIUSO



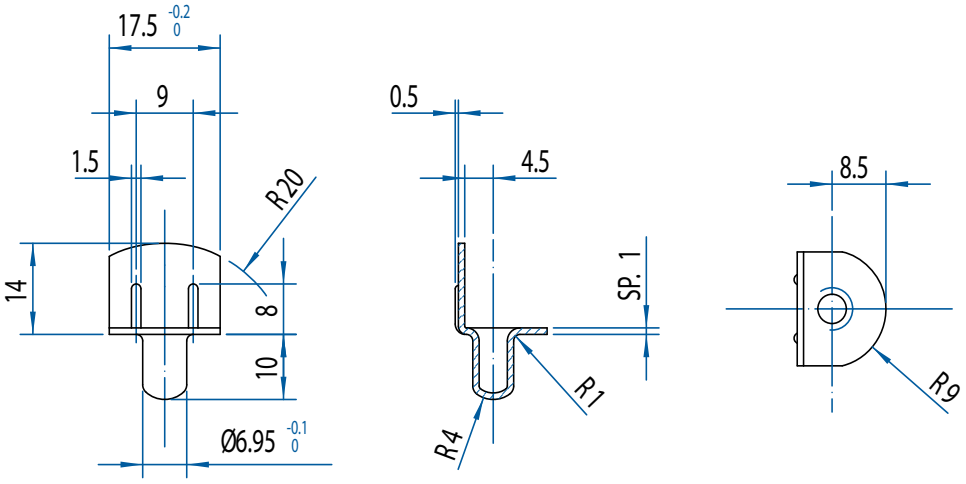
APERTO

Art **4.10.00** • 01 - 02 - 05

500

Mensolina reggipiano stampata / Stamped shelf support
Acciaio nichelato, ottonato, bronzato / Nickel-plated, brass plated, bronzed steel



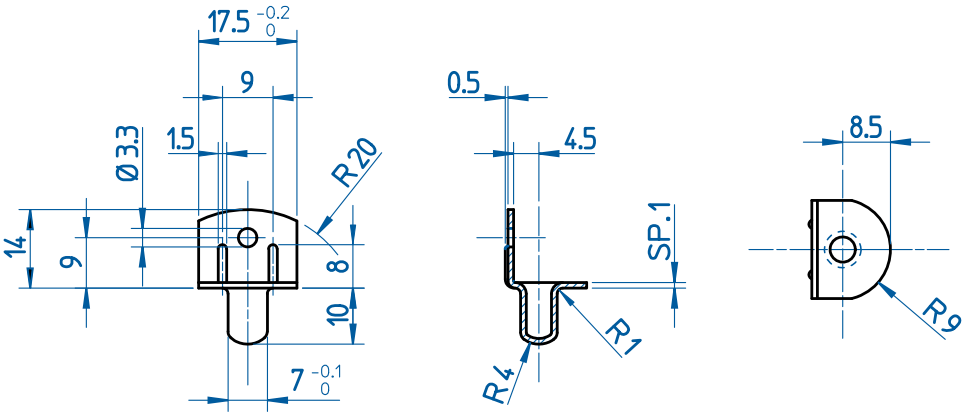


Art **CL 774/4.10** • 01 - 02

500

Mensolina reggipiano stampata a richiesta / Stamped shelf support upon request
Ottonato, nichelato / Brass plated – nickel-plated
Lotto minimo / MOQ: 50.000 pz / pcs



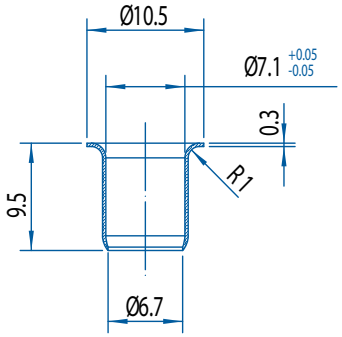


Art **4.20.00** • 01 - 02 - 05

2000

Bussoletta / Strike for PN: 41000
Acciaio nichelato, ottonato, bronzato / Nickel-plated, brass-plated, bronzed steel



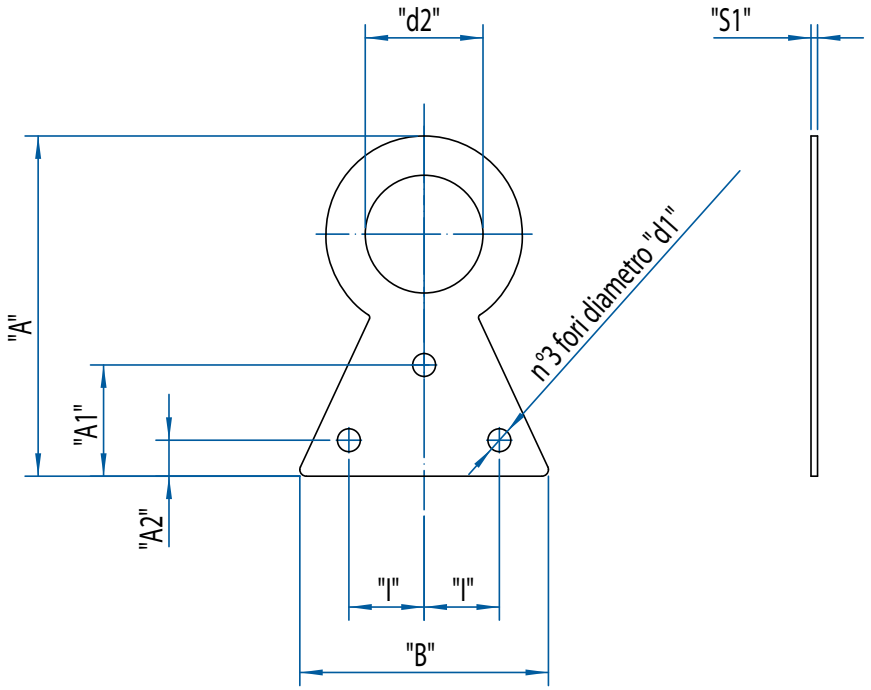


Art **4.80** • 02 Su richiesta / upon request

Attaccaglia fissa / Fixed picture hooks
Acciaio ottonato / Brass-plated steel
Confezione da richiedere in base alla misura desiderata
Packing according to the dimension of the fixed picture hooks



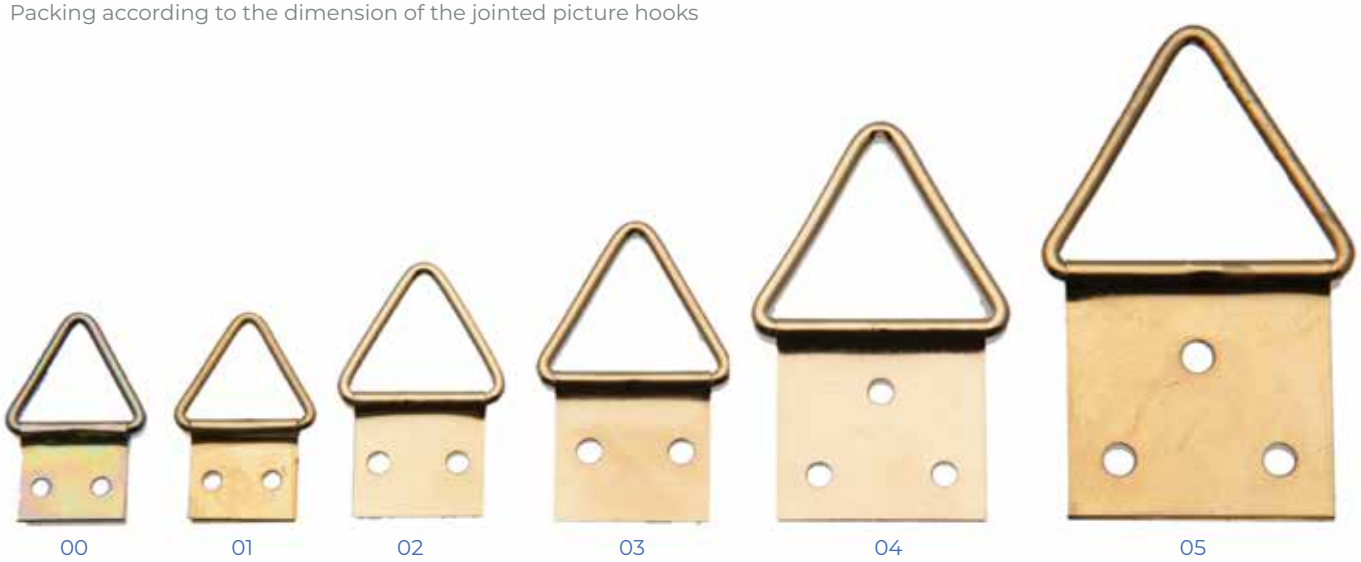
01 02 03 04

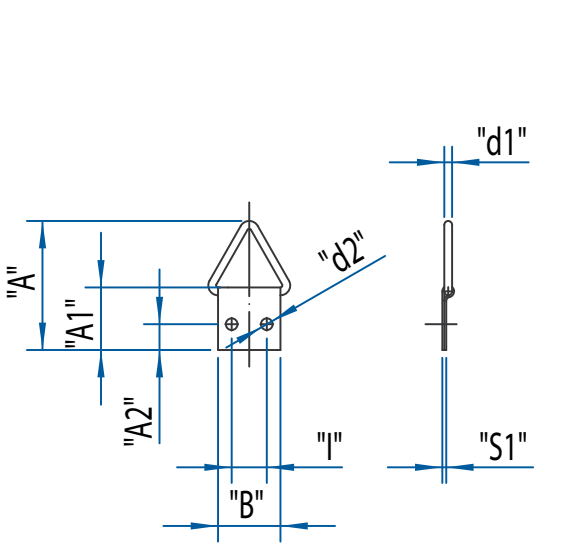


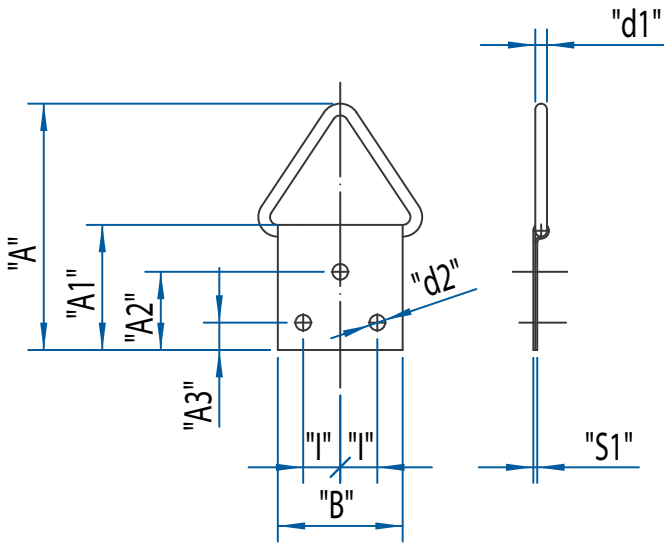
Disegno n°	A	A1	A2	B	I	d1	d2	S1
4.80.01.02	28	10	4	21	5	2,5	10	0,50
4.80.02.02	37	12	4	27,5	8	3	14	0,70
4.80.03.02	44	14	5	33	9	3	16	0,90
4.80.04.02	52	17	5,5	36,2	11,5	3,5	18	0,95

Art **4.81** • 02 Su richiesta / upon request

Attaccaglia snodata / Jointed picture hooks or triangle hanger
Acciaio ottonato / Brass-plated steel
Confezione da richiedere in base alla misura desiderata
Packing according to the dimension of the jointed picture hooks







Disegno n°	A	A1	A2	A3	B	I	d1	d2	S1
4.81.00.02	16,5	8	3,30	-	8	4,50	100	1,50	0,40
4.81.01.02	20	10	4,25	-	10	6	1,10	1,75	0,40
4.81.02.02	24	12	5,20	-	12	7	1,20	2,00	0,40
4.81.03.02	27,5	14	6,15	-	14	8	1,30	2,00	0,40
4.81.04.02	31,5	16	10	3,5	16	4,75	1,50	2,00	0,40
4.81.05.02	39,5	20	12	4	20	6	1,60	1,50	0,50

Art **5.00** • 01 - 02 - 05

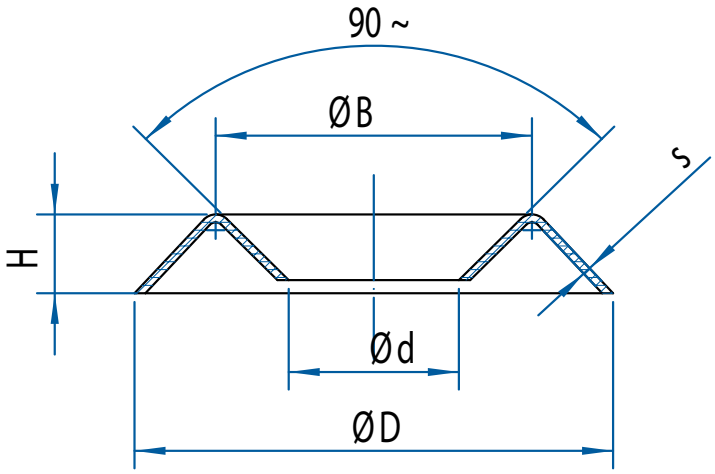
Su richiesta / upon request

1000

Orlo sottovite (a richiesta) / Screw washers (upon request)
Acciaio nichelato, ottonato, bronzato / Nickel-plated, brass-plated, bronzed steel

Lotto minimo per inox / MOQ stainless steel: 1.000.000 pz / pcs
Lotto minimo per ottone / MOQ brass-plated: 1.000.000 pz / pcs





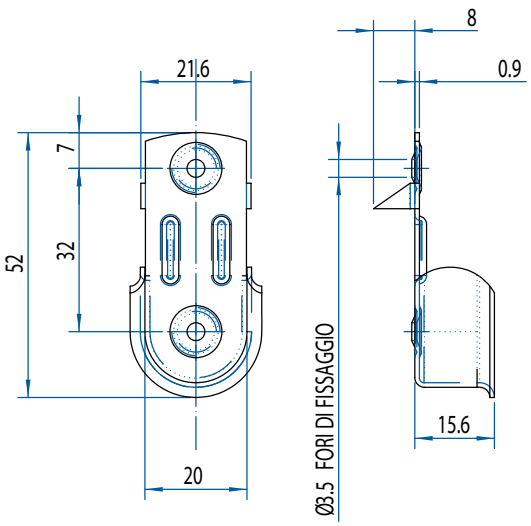
Disegno n°	D	$d^{+0,25}$	$H^{\pm0,1}$	s	B
5.00.10	10	3,6	2	0,25	7
5.00.12	12	4,7	2,2	0,25	8,5
5.00.14	14	5,2	2,5	0,25	10
5.00.16	16	5,8	3	0,25	10,2
5.00.18	18	6,4	3	0,30	12,5

Art **5.12** • 01

150

Reggitubo a poltroncina / Rod supports
Acciaio nichelato / Nickel-plated steel



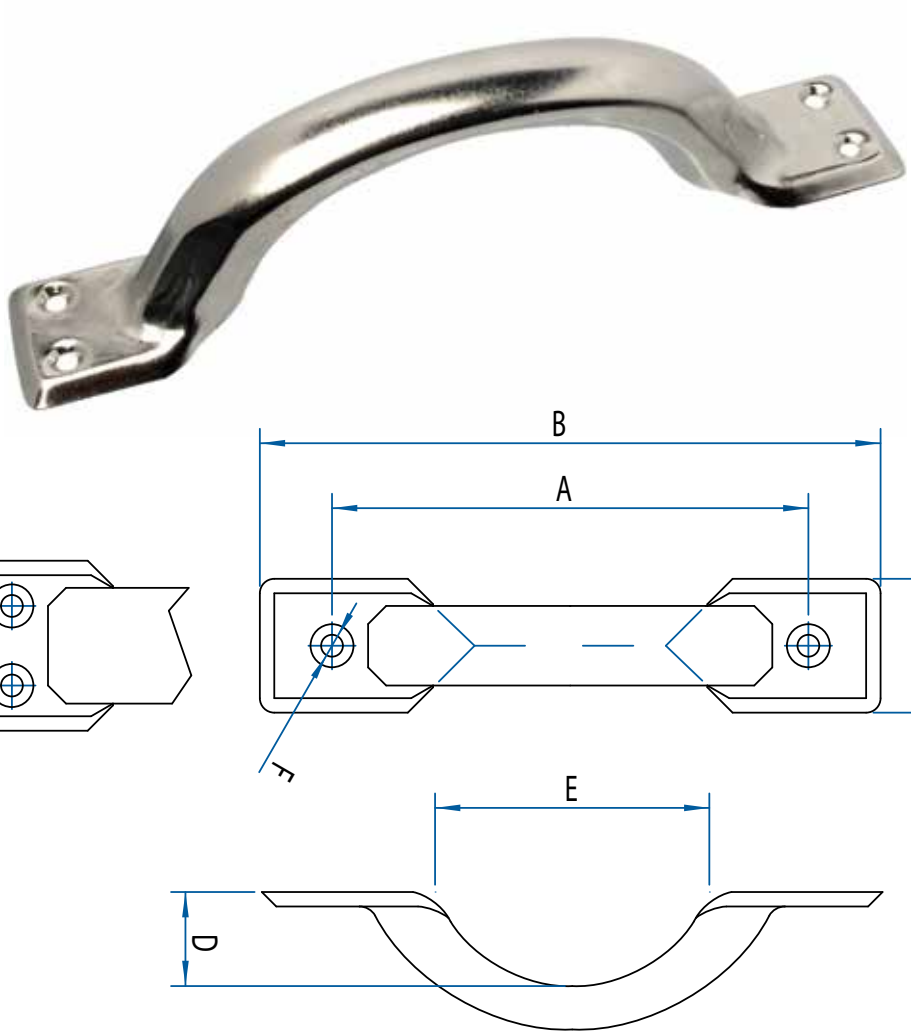


Art **7.00** • 01 - 04

Maniglia imbutita / Case-handles mm 80/100/120/140/160

Acciaio nichelato (a richiesta zincato) / Nickel-plated steel (zinc-plated steel on upon request)

50



47

Disegno n°	A	B	C	D	E*	F	G
7.00.08.01	66	80	18,5	13	38	Ø3,2	*
7.00.10.01	83	100	21,5	13	48	Ø3,2	*
7.00.12.01	99	120	24,5	16	60	Ø3,2	*
7.00.14.01	121	140	28,5	19	70	Ø3,2	13
7.00.16.01	140	160	29,5	24	80	Ø3,2	13

* Lunghezze 80, 100, 120 mm: la quota G non è da considerarsi in quanto vi è 1 solo foro per l'applicazione
"G" dimension is not pertinent for 80, 100, 120 mm length, as there is only one hole for the application

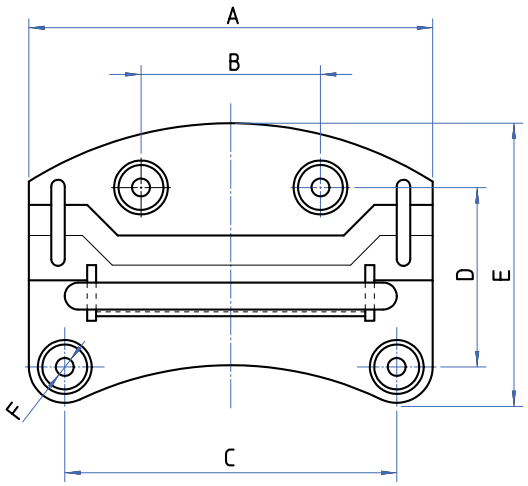
* La quota "E" è indicativa
the Quote "E" is indicative

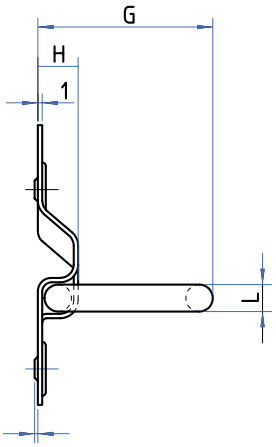
Art **7.20** • 02 - 04 - 07

25/20

Maniglia per baule / Trunk-handles: mm.90-110
Acciaio ottonato, zincato e brunito / Brass-plated, zinc-plated, burnished steel
Grezzo a richiesta minimo / Unplated steel upon request. MOQ: 5.000 pz/pcs
Ø tondino / Bar diameter: 6,5







Disegno n°	A ± 0.8	B ± 0.8	C ± 0.8	D ± 0.8	E* ± 0.8	F ± 0.3	G max	H ± 0.5	I max	L ± 0.5
7.20.09	90	42	72	40	67	4,2	40	10	0,8	Ø 6,5
7.20.11	110	56	82	47	80	5,4	55	12,5	/	Ø 7

* La quota “E” è indicativa
the Quote “E” is indicative

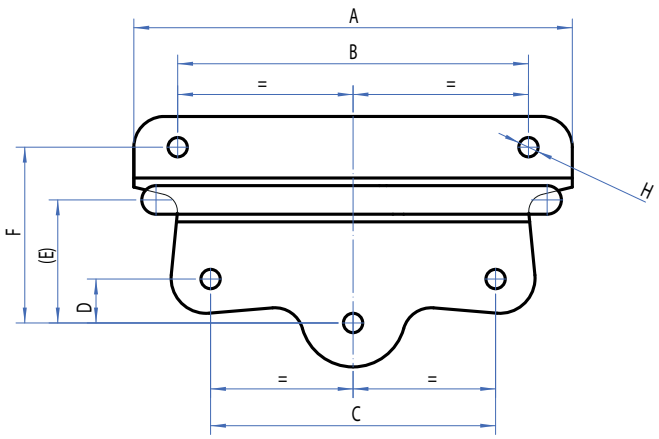
Art **7.21** • 02 - 04 - 07

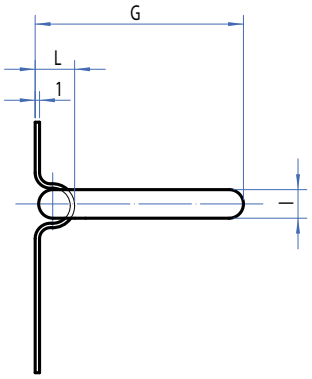
50/25

Maniglia per cassa / Case-handles: mm. 80/90/100/110
Acciaio ottonato, zincato e brunito / Brass-plated, zinc-plated, burnished steel
Grezzo a richiesta / Unplated steel upon request







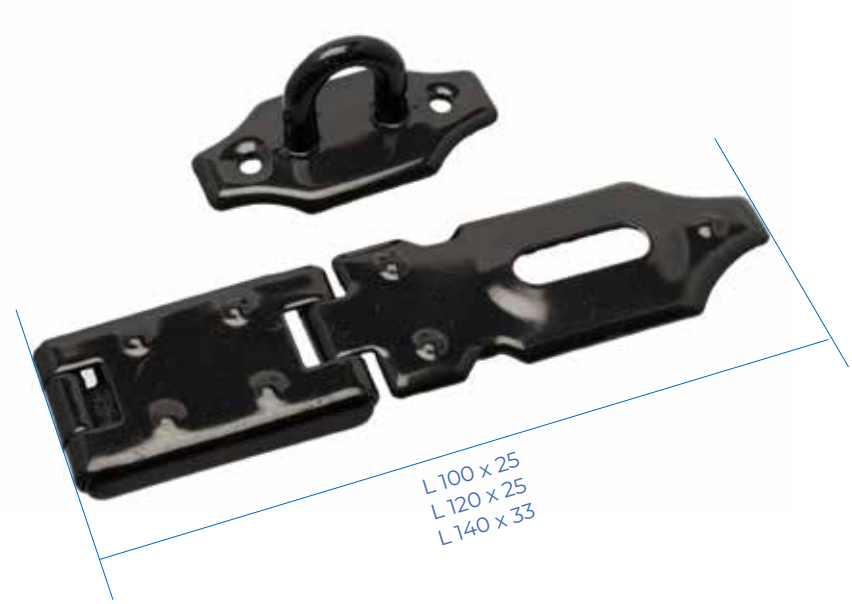


Disegno n°	A ± 0.8	B ± 0.8	C ± 0.8	D ± 0.5	E*	F ± 0.8	G max	H ± 0.3	I ± 0.5	L ± 0.5
7.21.08	108	90	75	11	35	48	52	Ø 5	Ø 7	Ø 9
7.21.09	100	80	65	10	27	40	47	Ø 4,4	Ø 6,5	Ø 9
7.21.10	90	75	60	8	27	39	47	Ø 4,4	Ø 6,5	Ø 9
7.21.11	80	66	54	6,5	20	31	41	Ø 4	Ø 6	Ø 9

* La quota “E” è indicativa
the Quote “E” is indicative

Cerniera porta lucchetto a richiesta / Hasp latch for trunk upon request: mm. 100/120/140
Acciaio verniciato nero / Black painted steel

24



Esempi di applicazioni di chiusure a leva
Application of toggle latches

- **ASPIRAPOLVERI (CIVILI E INDUSTRIALI)**
VACUUM CLEANERS (CIVIL AND INDUSTRIAL)
- **LAVAPAVIMENTI /** FLOOR SCRUBBERS
- **CALDAIE MURALI /** BOILERS
- **VIDEO GAMES /** VIDEO GAMES
- **TELECAMERE SUBACQUEE /** UNDERWATER CAMERAS
- **MACCHINE UTENSILI /** MACHINES-TOOLS
- **MACCHINE TESSILI /** TEXTILE MACHINES
- **AUTO (FILTRI) /** CARS (filters)
- **MACCHINE AGRICOLE /** AGRICULTURAL MACHINES
- **ACCESSORI PER AUTO (PORTA SCI)**
CAR FITTINGS (ski support rack)
- **CARRELLI ELEVATORI /** FORK TRUCKS
- **CARRELLI PORTA TENDE /** CAMPING TROLLEYS
- **BARBECUE /** BARBECUES
- **FORNELLI DA CAMPEGGIO /** CAMPING STOVE
- **CASSE LEGNO (CIVILI-MILITARI-IMBALLI SPECIALI)**
WOOD CASES (CIVIL-MILITARY-SPECIAL PACKINGS)
- **CASSETTE PORTA UTENSILI /** TOOL BOXES
- **GABBIE TRASPORTO ANIMALI**
ANIMAL TRANSPORT CAGES
- **CASSONI IMMONDIZIA /** RUBBISH CASES
- **ILLUMINAZIONE /** LIGHTING
- **ACCESSORI PER QUADRI ELETTRICI**
FITTINGS FOR ELECTRIC BOARDS
- **SPORTELLI AREAZIONE MOTORI ELETTRICI**
VENTILATION DOORS FOR ELECTRIC MOTORS
- **AUTOCARRI /** LORRIES
- **ISOLAMENTO (TUBI-BOCCHETTE D'ISPEZIONE)**
INSULATION (tubes-small inspection openings)
- **HOBBISTICA /** HOBBIES
- **TAVOLI ALLUNGABILI /** EXTENSIBLE TABLES
- **CASSONETTI TAPPARELLE**
ROLLING-SHUTTER BOXES
- **TORTIERE /** CAKE PAN
- **DEPURATORI D'ARIA /** AIR DEPURATORS
- **FRIGO TERMOS /** PORTABLE THERMOS
- **GO-KART /** GO-KART
- **PENTOLE /** CASSEROLES
- **FURGONI ISOTERMICI E FRIGORIFERI**
ISOTHERMAL AND REFRIGERATOR LORRIES
- **MODULI FRIGORIFERI /** REFRIGERATOR MODULS
- **GABBIE ARTICOLI FLORICOLTURA**
CAGES FOR FLORICULTURAL ARTICLES
- **ZANZARIERE, TENDE DA SOLE, OSCURANTI**
MOSQUITO NETS, SUN BLINDS, BLACKOUT CURTAINS
- **CALCETTI BALILLA /** MINI-SOCCER
- **ESTINTORI /** EXTINGUISHERS
- **CABINE INSONORIZZATE /** SOUND-PROOF CABINS
- **SCALDAVIVANDE /** DISH-WARMER
- **FUNGHI X RISCALDAMENTO STUFE CATALITICHE**
PATIO HEATERS
- **SERBATOI** / TANKS
- **PANNELLI STRADALI LAMPEGGIANTI**
BLINKING ROAD PANELS
- **ARTICOLI MEDICALI /** MEDICAL ITEMS
- **LAMPADE ABBRONZANTI /** TANNING LAMPS
- **ATTREZZATURE RISTORAZIONE**
FOOD SERVICE EQUIPMENTS










BIDONE
ASPIRATUTTO


















R












MEDICINALI
SCADUTI






















RACCOLTA
FILTRI
OLIO-NAFTA
R
RACCOLTA
FILTRI
OLIO-NAFTA
R














































FRIGERIO

ETTORE

