



**CONNECTORS**





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**MADE IN ITALY SINCE 1830**

The origin of Kong starts from afar, around 1830 in a workshop at the foot of the Alps, where Giuseppe Bonaiti gave rise to our story, writing important pages for Made in Italy. The care for maximum protection of human lives, together with the dreams that men “hang” climbing the peaks, led Bonaiti to export his products and philosophy all over the world.

His carabiners have become real fixed points for everyone who practices vertical disciplines.

In 1977 Bonaiti company changed its name to Kong, but the mission remains the same:

**“Being a manufacturer of safety where the risk is the protagonist”**

The entire production cycle, from the design to the packaging is made in our factory of 10,000 square meters located in Monte Marenzo (LC), Italy, where each PPE (Personal Protective Equipment) is tested piece by piece and then sold all over the world.

We can proudly say that, first of all, we are “manufacturers”:

- our 70 employees perform their daily activities with passion to produce high quality systems that ensure maximum safety
- our robots test 100% of our items at 70% of the breaking load
- our operators check 100% of the appearance and functionality of our products

**“KONG, from the past to the future, the evolution of safety”**

**MADE IN ITALY DAL 1830**

Le origini di Kong partono da lontano, esattamente nel 1830 in un’officina meccanica situata ai piedi delle Alpi, dove Giuseppe Bonaiti ha dato inizio alla nostra storia, scrivendo pagine importanti del Made in Italy.

L’attenzione per la massima protezione delle vite umane, insieme ai sogni che questi uomini “appendono” scalando le vette, ha portato Bonaiti ad esportare in tutto il mondo la sua filosofia e i suoi prodotti.

I suoi “moschettoni” sono diventati concretamente punti fissi per chiunque pratici discipline verticali.

Nel 1977 l’azienda Bonaiti cambia nome in Kong, ma l’impronta rimane sempre la stessa:

**“Essere produttori di sicurezza dove il rischio è protagonista”**

L’intero ciclo di produzione, dalla progettazione al confezionamento, avviene all’interno dei 10.000 mq dello stabilimento di Monte Marenzo (LC) Italia, dove ogni DPI (Dispositivo di Protezione Individuale) viene testato pezzo per pezzo e venduto in tutto il mondo.

Con orgoglio possiamo dire di essere innanzitutto produttori:

- i nostri 70 dipendenti svolgono le loro attività quotidiane con passione, per produrre sistemi di alta qualità che garantiscono la massima sicurezza
- i nostri robots testano il 100% dei connettori trazionandoli a circa il 70% del carico marcato
- i nostri operatori controllano il 100% dei prodotti valutandone la perfetta funzionalità e l’aspetto estetico

**“KONG, dal passato al futuro, l’evoluzione della sicurezza”**

**QUALITY CONTROL AND CERTIFICATIONS**

KONG, since the beginning, has always followed strict rules to ensure that each product withstands expected loads, controlling and testing piece by piece. This means that when we design a new item, we build a prototype and have it tested by a notified body that verifies compliance with the standards. Then we put it into production with the absolute guarantee that the millionth piece is identical to the first piece produced. This also applies to the production of carry over products.

As a further guarantee to the end user, most of the KONG products are certified according to UIAA - International Climbing and Mountaineering Federation standards and to CE norms.

Many of our items are also certified according to special standards: NFPA - ANSI - RINA - ASTM or to military specifications.

Kong also followed its natural evolution towards a quality management system and has been certified for more than 20 years, today according to ISO 9001, which is applied to all our business processes.

**CONTROLLO DI QUALITÀ E CERTIFICAZIONI**

La KONG, fin dalle origini, si è sempre data delle regole ferree per garantire che ogni prodotto resistesse ai carichi previsti, controllandolo e testandolo pezzo per pezzo. Questo vuol dire che quando si progetta un nuovo articolo, si costruisce un prototipo, lo si fa testare da un organismo notificato che ne verifica la conformità agli standard e poi lo si mette in produzione con la garanzia assoluta che il milionesimo pezzo sia identico in tutto e per tutto al primo pezzo prodotto. Questo vale anche per la produzione di articoli consolidati.

Ad ulteriore garanzia dell’utilizzatore finale, la maggior parte dei prodotti KONG è certificata secondo gli standard UIAA (Unione Internazionale delle Associazioni Alpinistiche) e le norme CE.

Molti nostri articoli sono inoltre certificati in accordo alle norme NFPA - ANSI - RINA - ASTM o a specifiche militari.

L’organizzazione della KONG ha poi trovato la sua naturale evoluzione nel sistema di gestione per la qualità certificato da oltre vent’anni, secondo la norma UNI EN ISO 9001 applicata a tutti i processi aziendali.

Kong headquarters with private airfield N 45° 45’ 43” E 9° 26’ 47”, Monte Marenzo (Lecco) - ph: Kong



Watch the video  
Guarda il video





**ALU ALLOY / LEGA D'ALLUMINIO**

- Best weight/load ratio
- Anodized finishing for the best resistance in aggressive environments
- Attractive look, colored finishing
- Miglior rapporto peso/carico
- Finitura tramite anodizzazione per la migliore resistenza in ambienti aggressivi
- Aspetto accattivante, finitura colorata

**CARBON STEEL / ACCIAIO AL CARBONIO**

- For heavy loads
- Special black burnished finishing for better visibility of the laser markings and a more attractive look
- Per utilizzi gravosi e di carico pesante
- Speciale finitura brunita nera per una migliore visibilità della marcatura laser e un aspetto accattivante

**STAINLESS STEEL / ACCIAIO INOX**

- High quality AISI 316L steel
- Best corrosion resistance
- Perfect for marine environments and food industry
- Available on demand the burnished finishing "BB"
- Acciaio di alta qualità AISI 316L
- Migliore resistenza alla corrosione
- Perfetto per ambienti marini e industria alimentare
- Disponibile su richiesta la finitura brunita "BB"



Oval



Asymmetric



Symmetric



HMS



Special



Quick Link



### Shape / Forma



#### OVAL / OVALE

- Versatile shape that shares the load between the spine and the gate.
- Forma versatile che distribuisce uniformemente il carico tra il corpo e la leva.



#### ASYMMETRIC / ASIMMETRICO

- Designed to orient the load in a predetermined direction on the connector's body.
- Connettore a chiusura automatica destinato ad assicurare il carico in una predeterminata direzione.



#### SYMMETRIC / SIMMETRICO

- Smooth regular curves are gentle on equipment and allow easy repositioning of loads.
- Le curve regolari e morbide sono delicate sull'attrezzatura e consentono un facile riposizionamento dei carichi



#### HMS

- HMS is an abbreviation of the German term Halbmastwurf-Sicherung, primarily intended for use when giving a dynamic belay using an "italian hitch" knot.
- Connettore a chiusura automatica, HMS è l'acronimo del termine tedesco Halbmastwurf-Sicherung, destinato principalmente ad una assicurazione dinamica usando un nodo "mezzo barcaio".



#### SPECIAL / SPECIALE

- Connectors with complex shapes for a particular purpose; can in some cases be connected directly to a specific anchor type.
- Connettore a chiusura automatica con forme complesse destinato a utilizzi particolari; può in certi casi essere collegato direttamente ad un tipo di ancoraggio specifico.

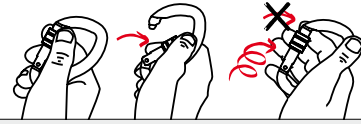


#### QUICK LINK / MAGLIA RAPIDA

- Connector with a manual closing system, intended for those applications that do not require frequent removal.
- Connettore a chiusura manuale a vite destinato a quegli impieghi dove non è richiesta la rimozione frequente.

### Sleeves / Ghiera di sicurezza

#### SCREW / VITE



- This sleeve is commonly used for mountaineering. The Kong version is popular due to its quick operation.
- Questa ghiera è quella comunemente utilizzata per l'alpinismo. La versione Kong è apprezzata perchè si aziona rapidamente.

#### TWIST LOCK



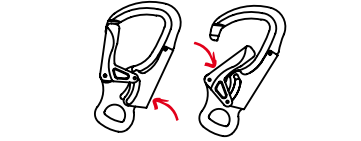
- (2 movements) - The twist-lock sleeve is optimal for safety and convenience. For this reason it is preferred in rescue operations and for industrial use. Available in an ANSI certified version (United States standard).
- (2 movimenti) - La ghiera twist-lock è ottimale per sicurezza e praticità. Per questo motivo è preferita nelle operazioni di soccorso e per usi industriali. Disponibile in versione omologata ANSI (normativa USA).

#### AUTO BLOCK



- (3 movements) - This sleeve requires three movements to open, and is therefore intended to fulfill the most difficult tasks. Available in an ANSI certified version (United States standard).
- (3 movimenti) - Questa ghiera richiede tre movimenti per l'apertura e quindi è destinata ad assolvere i compiti più ardui. Disponibile in versione omologata ANSI (normativa USA).

#### DOUBLE GATE



- This gate is preferred for applications that require frequent openings, as on life lines, because it is easy and secure.
- Questa ghiera è preferita per un uso ripetuto, come avviene sulle linee vita, perchè viene azionata in modo rapido e semplice.

#### EXPRESS



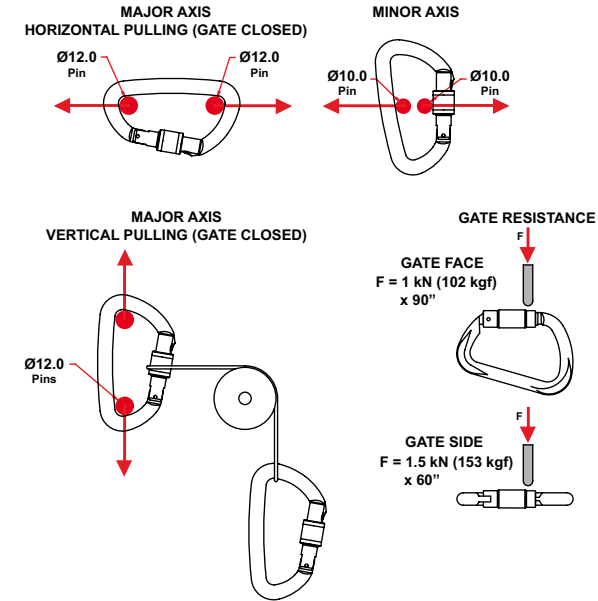
- This gate is preferred for applications that require frequent openings, as on life lines, because it is easy and secure.
- Questa ghiera è preferita per un uso ripetuto, come avviene sulle linee vita, perchè viene azionata in modo rapido e semplice.

WWW.KONG.IT

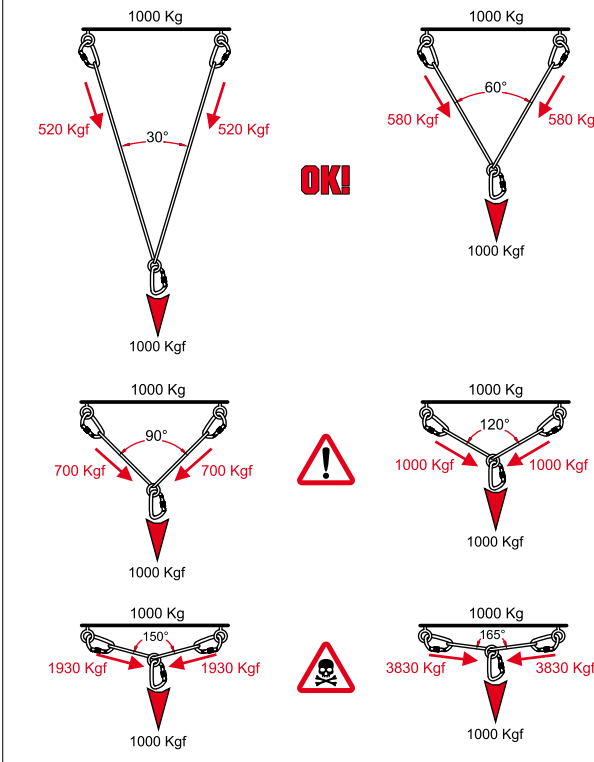
### General Safety Remarks

**Warning:** The maximum tolerated load on the connectors is very close to the breaking point. Connectors supporting this stress will be permanently deformed and absolutely must be replaced. See the following pictures for connector and sleeve testing.

**Attenzione:** sui connettori è marcato il carico massimo garantito, molto vicino a quello di rottura. Un connettore sottoposto a tale carico si deforma permanentemente e deve essere assolutamente sostituito. I connettori e le ghiera vengono testati come riportato nelle seguenti illustrazioni.



### FOCUS ON ANGLES APPROFONDIMENTO SUGLI ANGOLI



**All our connectors are tested piece by piece.**  
Tutti i nostri connettori sono testati pezzo per pezzo.



Watch the video  
Guarda il video

### CROSS-BAR (ON REQUEST)

- Most carabiners can be supplied with a CROSS-BAR rope fastener already inserted into the carabiner, or disassembled and to be fixed by the customer.
- Alcuni moschettoni possono essere forniti con la barretta fermacorda CROSS-BAR già inserita oppure smontata da fissarsi da parte del cliente.





**Did you know that Kong was the first company to produce KeyLock connectors?**

**Lo sapevate che Kong è stata la prima azienda a produrre connettori KeyLock?**



This revolutionary locking system patented by Kong in 1985 takes its name from the peculiar shape of the connection between the gate and the body of the connector that looks like a door keyhole. The real novelty of this patent is that there is absolutely no need for any teeth on the body of the carabiner or on the gate, now completely cylindrical. Now there are no longer any points where the rope or web could get snagged while inserting and removing them. All the sharp edges left over from grinding the carabiner and gate have also been eliminated, as it is no longer necessary.

Questo rivoluzionario sistema di chiusura brevettato da Kong nel 1985 trae il suo nome dalla particolare forma dell'incastro tra la leva ed il corpo del connettore, che ricorda la serratura di una porta. La novità del brevetto è di aver definitivamente eliminato qualsiasi dente di tenuta sia sul corpo del connettore che sulla leva ora completamente cilindrica. Non esiste più alcun punto di possibile impiglio della corda o della fettuccia durante l'inserimento e lo sgancio. Sono stati eliminati pure tutti i bordi taglienti delle fresature del corpo del connettore e della leva, ora non più necessarie.



VERY OLD



OUT OF DATE



TRADITIONAL



Gates production (Kong factory) - ph: Kong

The world of standards is extremely complex and articulated; below is a quick summary to help you reading the tables and choose the right connector for your needs.

**EN 362 (WORK - safety at work against falls from height)**

- **(Class B) basic connector:** self-closing connector intended to be used as a component.
- **(Class M) multi-use connector:** basic or screw link connector intended to be used as a component, which may be loaded in the major and to a lesser extent in the minor axis.
- **(Class T) termination connector:** self-closing connector designed to allow the fixing as an element of a sub-system in such a way that the loading is in a predetermined direction.
- **(Class A) anchor connector:** connector which closes automatically, designed to be linked directly to a specific type of anchor as a component.
- **(Class Q) screwlink connector:** connector which is closed by a screw-motion gate, which is a load bearing part of the connector when fully screwed up, intended to be used only for long-term or permanent connections.

**EN 12275 (RECREATIONAL - mountaineering equipment)**

- **(Class B) basic connector:** self-closing connector for use anywhere in a belay system.
- **(Class H) HMS connector:** self-closing connector - generally pear shaped - intended to be used primarily for dynamic belaying, for example using an "Italian hitch" (HMS).
- **(Class K) Klettersteig connector:** self-closing connector intended to be used primarily for linking a mountaineer to a Klettersteig anchor (via ferrata) system.
- **(Class T) termination connector:** self-closing connector designed to ensure that the loading is in a predetermined direction.
- **(Class A) specific anchor connector:** self-closing connector designed only to be linked directly to a specific class of anchor.
- **(Class Q) screwed-closure connector - quicklink:** connector which is closed by a screw-motion gate, which is a load bearing part of the connector when fully screwed up.
- **(Class X) oval connector:** self-closing connector with symmetric shape designed for e. g. aid climbing and pulleys.

**ANSI (American National Standard Institute)**

The American National Standard Institute (ANSI) is an organization that oversees the development of standards for products, services, processes, systems, and personnel in the United States. ANSI/ASSE Z359 is a fall from a height protection program, specifically ANSI/ASSE Z359.12 set the minimum requirements for connecting elements.

**NFPA (National Fire Protection Association)**

The National Fire Protection Association (NFPA) is a global nonprofit organization, established in 1896, devoted to eliminating death, injury, property and economic loss due to fire, electrical and related hazards. NFPA 1983 defines the minimum design, performance, testing, and certification requirements for emergency service personnel equipment, dividing it in three categories:

- **"E" Escape:** immediate self-rescue of a single fire or emergency services person from a life-threatening emergency situation, generally above ground, using system components or manufactured systems designed for self-rescue escape.
- **"T" Technical use:** one designation of an equipment item or manufactured systems designed for Technical Use loads and escape based on design loads that are calculated and understood. (Technical Use was previously defined as Light Use and prior to that as Personal Use).
- **"G" General use:** one designation of an equipment item or manufactured systems designed for General Use loads, technical use loads and escape based on design loads that are calculated and understood.

Il mondo delle norme è estremamente complicato e articolato; per questo, di seguito, si riporta un breve riepilogo che permette di comprendere al meglio le tabelle e scegliere il connettore più adatto a ciascun bisogno.

**EN 362 (LAVORO - sicurezza sul lavoro contro le cadute dall'alto)**

- **(Classe B) connettore base:** connettore a chiusura automatica da usare come componente di un sistema di sicurezza.
- **(Classe M) connettore multiuso:** connettore base o maglia con chiusura a vite da usare come componente, che può essere caricato sull'asse maggiore e in misura minore sull'asse minore.
- **(Classe T) connettore terminale:** connettore a chiusura automatica ideato per permettere il fissaggio come elemento di un sottosistema in modo tale che il carico sia in una direzione predefinita.
- **(Classe A) connettore di ancoraggio:** connettore con chiusura automatica, ideato per essere collegato direttamente ad un tipo specifico di ancoraggio come componente.
- **(Classe Q) maglia con chiusura a vite (maglia rapida):** connettore con chiusura a vite, che diventa parte del carico del connettore quando è completamente avvitato, da utilizzare solo per connessioni lunghe o permanenti.

**EN 12275 (USO RICREATIVO - attrezzatura per alpinismo)**

- **(Classe B) connettore base:** connettore a chiusura automatica da usare ovunque in un sistema di assicurazione.
- **(Classe H) connettore HMS:** connettore a chiusura automatica - generalmente con forma a pera - da usare principalmente per l'assicurazione dinamica, usando per esempio un nodo mezzo barcaiole (HMS).
- **(Classe K) connettore da via ferrata (Klettersteig):** connettore a chiusura automatica da utilizzare principalmente per collegare un alpinista ad un sistema di ancoraggio per via ferrata.
- **(Classe T) connettore terminale:** connettore a chiusura automatica ideato per assicurare che il peso sia in una direzione predefinita.
- **(Classe A) connettore per ancoraggio specifico:** connettore con chiusura automatica ideato solo per essere collegato direttamente ad una classe specifica di ancoraggi.
- **(Classe Q) connettore con chiusura a vite - maglia rapida:** connettore con chiusura a vite, che diventa parte del carico del connettore quando è completamente avvitato.
- **(Classe X) connettore ovale:** connettore con chiusura automatica e forma simmetrica ideato per esempio per aid climbing e carrucole.

**ANSI (American National Standard Institute)**

L'American National Standard Institute (ANSI) è un'organizzazione che supervisiona lo sviluppo di Standard per prodotti, servizi, processi, sistemi e personale negli Stati Uniti. ANSI/ASSE Z359 è un programma di protezione da cadute dall'alto, nello specifico lo Standard ANSI/ASSE Z359.12 stabilisce i requisiti minimi degli elementi di connessione.

**NFPA (National Fire Protection Association)**

La National Fire Protection Association (NFPA) è un'organizzazione globale no-profit, fondata nel 1896, dedita ad eliminare morti, infortuni, perdite economiche e di proprietà dovute a incendi e a pericoli di natura elettrica e correlati. La norma NFPA 1983 definisce i requisiti minimi di progettazione, performance, test e certificazione dell'equipaggiamento per il personale addetto alle emergenze, suddividendolo in tre categorie:

- **"E" Escape (Evacuazione):** immediato autosoccorso di una singola persona addetta ai servizi di emergenza o antincendio da una situazione di emergenza mortale, generalmente sopra il livello del suolo, utilizzando componenti di sistemi o sistemi assemblati progettati per l'evacuazione tramite autosoccorso.
- **"T" Technical use (Utilizzo tecnico):** designazione di una parte di equipaggiamento o di un sistema assemblato progettati per carichi ad uso tecnico ed evacuazioni basate su carichi di progettazione calcolati e conosciuti.
- **"G" General use (Utilizzo generale):** designazione di una parte di equipaggiamento o di un sistema assemblato progettati per carichi ad uso generale, ad uso tecnico ed evacuazioni basate su carichi di progettazione calcolati e conosciuti.

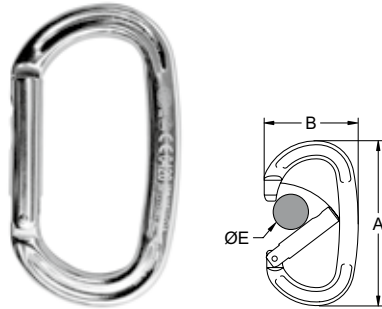


## OVALONE

- Oval aluminum connector with a large opening. The wide symmetrical shape, greater than a classic oval, positions well on mobile devices allowing their correct operation, even if not perfectly aligned with the connector.
- Available in straight gate, screw sleeve, Auto Block and Twist Lock models.
- The Keylock system prevents any accidental catching on the rope or anchor point.

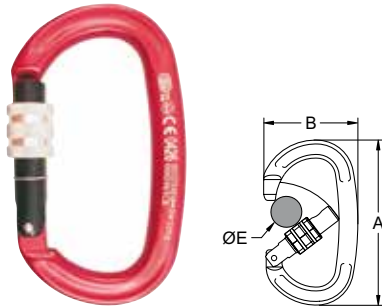
- Connettore ovale in alluminio con grande apertura della leva. L'ampia forma simmetrica, maggiore rispetto a quella di un ovale classico, permette un miglior posizionamento sui dispositivi mobili e il loro corretto funzionamento anche se non perfettamente in asse con il connettore.
- Disponibile nelle versioni a leva dritta, a ghiera a vite e con le ghiera automatiche Auto Block e Twist Lock.
- Sistema keylock che evita qualunque impiglio accidentale della corda o nel punto di ancoraggio.

### STRAIGHT GATE



| #           | Size |   | Norm        | Color |    |    |    |    | A   | B    | C  | D  | E  | F  |
|-------------|------|---|-------------|-------|----|----|----|----|-----|------|----|----|----|----|
|             |      |   |             |       | kN | kN | kN | g  | mm  | mm   | mm | mm | mm | mm |
| 712000100KK | -    | ✓ | CE EN 12275 |       | 26 | 12 | 8  | 68 | 110 | 62.6 | -  | -  | 22 | -  |

### SCREW SLEEVE



| #           | Size |   | Norm                       | Color |    |    |    |    | A   | B    | C  | D  | E  | F  |
|-------------|------|---|----------------------------|-------|----|----|----|----|-----|------|----|----|----|----|
|             |      |   |                            |       | kN | kN | kN | g  | mm  | mm   | mm | mm | mm | mm |
| 7120001A1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 26 | 12 | 8  | 72 | 110 | 62.6 | -  | -  | 21 | -  |
| 712RNP4A1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 26 | 12 | 8  | 72 | 110 | 62.6 | -  | -  | 21 | -  |
| 712ON06AOKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 26 | 12 | 8  | 72 | 110 | 62.6 | -  | -  | 21 | -  |

### AUTO BLOCK



| #           | Size |   | Norm                       | Color |    |    |    |    | A   | B    | C  | D  | E  | F  |
|-------------|------|---|----------------------------|-------|----|----|----|----|-----|------|----|----|----|----|
|             |      |   |                            |       | kN | kN | kN | g  | mm  | mm   | mm | mm | mm | mm |
| 712RPP3V1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 26 | 9  | -  | 79 | 110 | 62.6 | -  | -  | 21 | -  |
| 712NNN6VNKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 26 | 9  | -  | 79 | 110 | 62.6 | -  | -  | 21 | -  |
| 7120001V1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 26 | 9  | -  | 79 | 110 | 62.6 | -  | -  | 21 | -  |
| 712OPN7VNKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 26 | 9  | -  | 79 | 110 | 62.6 | -  | -  | 21 | -  |

### TWIST LOCK



| #           | Size |   | Norm                       | Color |    |    |    |    | A   | B    | C  | D  | E  | F  |
|-------------|------|---|----------------------------|-------|----|----|----|----|-----|------|----|----|----|----|
|             |      |   |                            |       | kN | kN | kN | g  | mm  | mm   | mm | mm | mm | mm |
| 712RPP3P1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 26 | 9  | -  | 79 | 110 | 62.6 | -  | -  | 21 | -  |
| 7120001P1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 26 | 9  | -  | 79 | 110 | 62.6 | -  | -  | 21 | -  |
| 712OPN7PNKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 26 | 9  | -  | 79 | 110 | 62.6 | -  | -  | 21 | -  |

## OVAL ALU

- Oval aluminum connector with a rounded bar, recommended for use with mobile devices (pulleys, rope clamps, fall arresters, etc.).
- Available with a straight gate or screw sleeve, making it also suitable for professional applications.
- The Keylock system prevents any accidental catching on the rope or anchor point.

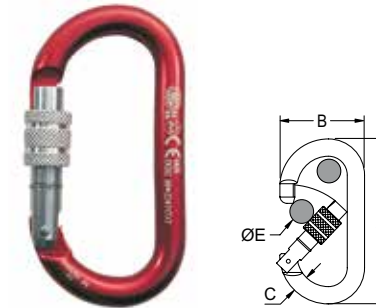
- Connettore ovale in alluminio con corpo a sezione circolare che lo rende consigliato per l'utilizzo con dispositivi mobili (carrucole, bloccanti, anticaduta...).
- Disponibile nelle versioni a leva dritta e con ghiera a vite che lo rende utilizzabile anche per applicazioni professionali
- Sistema keylock che evita qualunque impiglio accidentale della corda o nel punto di ancoraggio.

### STRAIGHT GATE



| #           | Size |   | Norm        | Color |    |    |    |    | A   | B  | C  | D  | E  | F  |
|-------------|------|---|-------------|-------|----|----|----|----|-----|----|----|----|----|----|
|             |      |   |             |       | kN | kN | kN | g  | mm  | mm | mm | mm | mm | mm |
| 710000100KK | -    | ✓ | CE EN 12275 |       | 22 | 7  | 7  | 60 | 105 | 54 | 11 | -  | 16 | -  |
| 710BN0400KK | -    | ✓ | CE EN 12275 |       | 22 | 7  | 7  | 60 | 105 | 54 | 11 | -  | 16 | -  |
| 710NN0400KK | -    | ✓ | CE EN 12275 |       | 22 | 7  | 7  | 60 | 105 | 54 | 11 | -  | 16 | -  |
| 710RN0400KK | -    | ✓ | CE EN 12275 |       | 22 | 7  | 7  | 60 | 105 | 54 | 11 | -  | 16 | -  |

### SCREW SLEEVE



| #           | Size |   | Norm                       | Color |    |    |    |    | A   | B  | C  | D  | E  | F  |
|-------------|------|---|----------------------------|-------|----|----|----|----|-----|----|----|----|----|----|
|             |      |   |                            |       | kN | kN | kN | g  | mm  | mm | mm | mm | mm | mm |
| 7300001A1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 22 | 7  | 7  | 65 | 105 | 54 | 11 | -  | 16 | -  |
| 730BPP3A1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 22 | 7  | 7  | 65 | 105 | 54 | 11 | -  | 16 | -  |
| 730NNN6ANKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 22 | 7  | 7  | 65 | 105 | 54 | 11 | -  | 16 | -  |
| 730RPP3A1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 22 | 7  | 7  | 65 | 105 | 54 | 11 | -  | 16 | -  |
| 730ON06AOKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 22 | 7  | 7  | 65 | 105 | 54 | 11 | -  | 16 | -  |

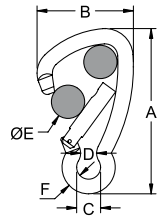


## HARNESS

- Asymmetric connector.
- Ideal, if made of aluminum, as a keyholder or for hanging small items from packs. If made of stainless steel, for yachting or, if made of carbon steel, for work.

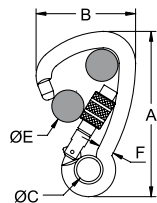
- Connettore asimmetrico.
- Ideale, se in alluminio, come portachiavi o per appendere piccoli oggetti allo zaino, se in inox, per uso nautico o, se in ferro, per uso sul lavoro.

### STRAIGHT GATE



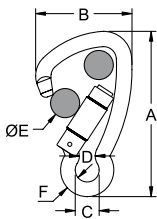
| #           | Size |   | Norm | Color |        |    |    |    | A   | B    | C    | D  | E  | F  |
|-------------|------|---|------|-------|--------|----|----|----|-----|------|------|----|----|----|
|             |      |   |      |       | kN     | kN | kN | g  | mm  | mm   | mm   | mm | mm | mm |
| 705080100KK | 8    | - | -    |       | 500 kg | -  | -  | 26 | 86  | 51.5 | 11.5 | 9  | 18 | 8  |
| 705100100KK | 10   | - | -    |       | 17     | -  | -  | 49 | 100 | 60   | 13   | 10 | 19 | 10 |
| 705120100KK | 12   | - | -    |       | 22     | -  | -  | 74 | 125 | 72.5 | 17   | 15 | 26 | 11 |

### SCREW SLEEVE



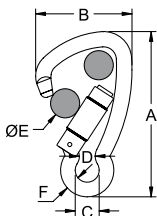
| #           | Size |   | Norm        | Color |        |    |    |    | A   | B    | C  | D  | E  | F  |
|-------------|------|---|-------------|-------|--------|----|----|----|-----|------|----|----|----|----|
|             |      |   |             |       | kN     | kN | kN | g  | mm  | mm   | mm | mm | mm | mm |
| 7060801A1KK | 8    | - | -           |       | 500 kg | -  | -  | 31 | 85  | 51.5 | 12 | 9  | 17 | 8  |
| 7061001A1KK | 10   | - | -           |       | 17     | -  | -  | 55 | 102 | 60   | 13 | 10 | 17 | 10 |
| 7061201A1KK | 12   | - | CE EN 362/B |       | 22     | 7  | -  | 79 | 124 | 73   | 18 | 15 | 23 | 11 |

### AUTO BLOCK



| #           | Size |   | Norm        | Color |    |    |    |    | A   | B    | C    | D    | E  | F  |
|-------------|------|---|-------------|-------|----|----|----|----|-----|------|------|------|----|----|
|             |      |   |             |       | kN | kN | kN | g  | mm  | mm   | mm   | mm   | mm | mm |
| 7061201V1KK | 12   | - | CE EN 362/B |       | 22 | 7  | -  | 87 | 124 | 71.5 | 17.5 | 13.5 | 22 | 11 |

### TWIST LOCK



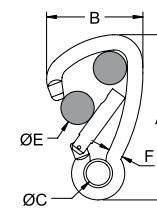
| #           | Size |   | Norm        | Color |    |    |    |    | A   | B  | C    | D    | E  | F  |
|-------------|------|---|-------------|-------|----|----|----|----|-----|----|------|------|----|----|
|             |      |   |             |       | kN | kN | kN | g  | mm  | mm | mm   | mm   | mm | mm |
| 7061201P1KK | 12   | - | CE EN 362/B |       | 22 | 7  | -  | 84 | 124 | 72 | 17.5 | 13.5 | 22 | 11 |

## HARNESS EYE

- Asymmetric connector with a straight gate and captive eye, available in different materials.

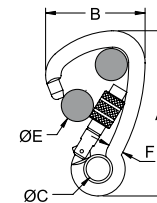
- Connettore asimmetrico con leva dritta e occhiolo, disponibile in diversi materiali.

### STRAIGHT GATE



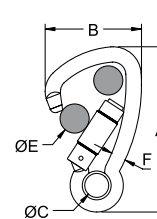
| #           | Size |   | Norm | Color |        |    |    |    | A     | B  | C    | D  | E  | F  |
|-------------|------|---|------|-------|--------|----|----|----|-------|----|------|----|----|----|
|             |      |   |      |       | kN     | kN | kN | g  | mm    | mm | mm   | mm | mm | mm |
| 707080100KK | 8    | - | -    |       | 500 kg | -  | -  | 27 | 86    | 52 | 10   | -  | 18 | 8  |
| 707100100KK | 10   | - | -    |       | 17     | -  | -  | 53 | 102.5 | 60 | 11.5 | -  | 19 | 10 |
| 707120100KK | 12   | - | -    |       | 22     | -  | -  | 79 | 125   | 72 | 14.5 | -  | 25 | 11 |

### SCREW SLEEVE



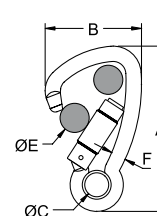
| #           | Size |   | Norm        | Color |        |    |    |    | A     | B    | C    | D  | E  | F  |
|-------------|------|---|-------------|-------|--------|----|----|----|-------|------|------|----|----|----|
|             |      |   |             |       | kN     | kN | kN | g  | mm    | mm   | mm   | mm | mm | mm |
| 7080801C1KK | 8    | - | -           |       | 500 kg | -  | -  | 33 | 86    | 51.5 | 10   | -  | 16 | 8  |
| 7081001A1KK | 10   | - | -           |       | 17     | -  | -  | 56 | 102.5 | 60   | 11.5 | -  | 17 | 10 |
| 7081201A1KK | 12   | - | CE EN 362/B |       | 22     | 7  | -  | 82 | 125   | 73   | 15   | -  | 22 | 11 |

### AUTO BLOCK



| #           | Size |   | Norm        | Color |    |    |    |    | A   | B    | C    | D  | E  | F  |
|-------------|------|---|-------------|-------|----|----|----|----|-----|------|------|----|----|----|
|             |      |   |             |       | kN | kN | kN | g  | mm  | mm   | mm   | mm | mm | mm |
| 7081201V1KK | 12   | - | CE EN 362/B |       | 22 | 7  | -  | 90 | 124 | 72.5 | 14.5 | -  | 22 | 11 |

### TWIST LOCK



| #           | Size |   | Norm        | Color |    |    |    |    | A   | B    | C    | D  | E  | F  |
|-------------|------|---|-------------|-------|----|----|----|----|-----|------|------|----|----|----|
|             |      |   |             |       | kN | kN | kN | g  | mm  | mm   | mm   | mm | mm | mm |
| 7081201P1KK | 12   | - | CE EN 362/B |       | 22 | 7  | -  | 90 | 124 | 72.5 | 14.5 | -  | 22 | 11 |

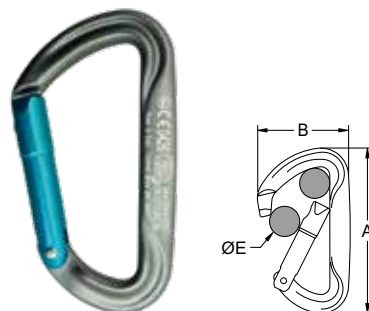


## ARGON

- Connector dedicated to those looking for maximum lightness and small dimensions. Designed for sport climbing and for assembling light quickdraws. Available with a straight gate and Keylock system that allows easy clipping, or with a wire gate for extreme lightness, or with a screw sleeve making it one of the smallest locking connectors on the market.

- Connettore dedicato a chi cerca il massimo della leggerezza e il minimo ingombro. Progettato per l'arrampicata sportiva e l'utilizzo su rinvio. Disponibile con leva dritta e sistema Keylock che permette un facile moschettonaggio allo spit, in versione con leva a filo ultraleggera e con ghiera a vite che lo rende uno dei più piccoli connettori da sosta presenti sul mercato.

### ARGON K - LIGHT ALLOY KEYLOCK



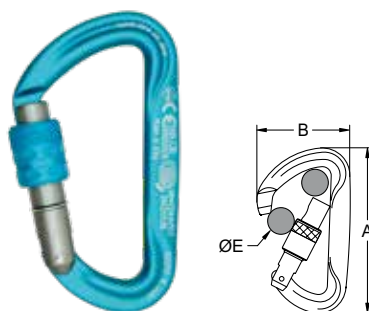
| #           | Size |   | Norm        | Color |    |    |    |    | A  | B  | C  | D  | E  | F  |
|-------------|------|---|-------------|-------|----|----|----|----|----|----|----|----|----|----|
|             |      |   |             |       | kN | kN | kN | g  | mm | mm | mm | mm | mm | mm |
| 719DB0400KK | -    | ✓ | CE EN 12275 |       | 22 | 9  | 7  | 36 | 93 | 52 | -  | -  | 17 | -  |

### ARGON F - LIGHT ALLOY



| #           | Size |   | Norm        | Color |    |    |    |    | A  | B  | C  | D  | E  | F  |
|-------------|------|---|-------------|-------|----|----|----|----|----|----|----|----|----|----|
|             |      |   |             |       | kN | kN | kN | g  | mm | mm | mm | mm | mm | mm |
| 908B00300KK | -    | ✓ | CE EN 12275 |       | 21 | 8  | 7  | 31 | 93 | 52 | -  | -  | 18 | -  |
| 908D00300KK | -    | ✓ | CE EN 12275 |       | 21 | 8  | 7  | 31 | 93 | 52 | -  | -  | 18 | -  |

### ARGON S - LIGHT ALLOY KEYLOCK



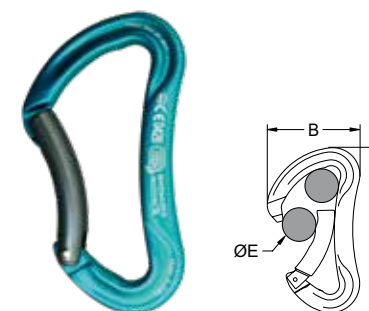
| #           | Size |   | Norm                       | Color |    |    |    |    | A  | B  | C  | D  | E  | F  |
|-------------|------|---|----------------------------|-------|----|----|----|----|----|----|----|----|----|----|
|             |      |   |                            |       | kN | kN | kN | g  | mm | mm | mm | mm | mm | mm |
| 719NNN6ANKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 22 | 9  | 7  | 43 | 93 | 52 | -  | -  | 15 | -  |
| 719BDB6ABKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 22 | 9  | 7  | 43 | 93 | 52 | -  | -  | 15 | -  |

## ARGON R

- Argon R is the doped-up version of the smaller Argon. The special curved shape provides a secure grip and fast clipping. The contact surfaces are wider to reduce wear and lengthen the life of the connector. The gate opening has been increased. Designed specifically as a rope connector for Argon quickdraws.

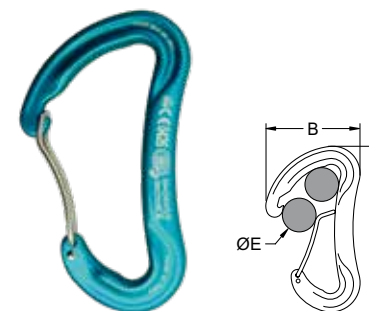
- Argon R è la versione anabolizzata del più compatto Argon. La speciale forma curva permettere una sicura presa della mano e un rapido moschettonaggio della corda. Le superfici di contatto sono più larghe per ridurre l'usura e il passaggio della corda è stato aumentato. Studiato appositamente come connettore da corda per i rinvi Argon.

### ARGON RK - LIGHT ALLOY KEYLOCK



| #           | Size |   | Norm        | Color |    |    |    |    | A   | B  | C  | D  | E  | F  |
|-------------|------|---|-------------|-------|----|----|----|----|-----|----|----|----|----|----|
|             |      |   |             |       | kN | kN | kN | g  | mm  | mm | mm | mm | mm | mm |
| 729BD0400KK | -    | ✓ | CE EN 12275 |       | 22 | 10 | 10 | 48 | 103 | 58 | -  | -  | 21 | -  |

### ARGON RF - LIGHT ALLOY



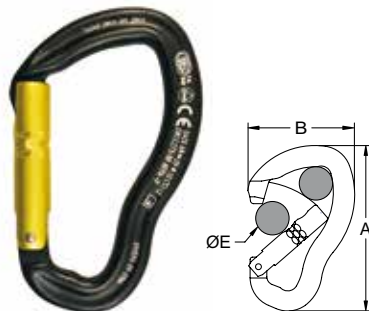
| #           | Size |   | Norm        | Color |    |    |    |    | A   | B  | C  | D  | E  | F  |
|-------------|------|---|-------------|-------|----|----|----|----|-----|----|----|----|----|----|
|             |      |   |             |       | kN | kN | kN | g  | mm  | mm | mm | mm | mm | mm |
| 909B00300KK | -    | ✓ | CE EN 12275 |       | 23 | 9  | 10 | 39 | 103 | 59 | -  | -  | 21 | -  |



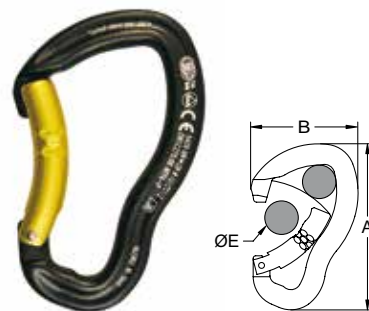
**ERGO**

- Compact and lightweight connector, with an ergonomic shape and high tensile strength.
- Available with a straight or bent gate, with a screw, express, auto block or twist lock sleeve and in the special double gate version with a durable wire gate.

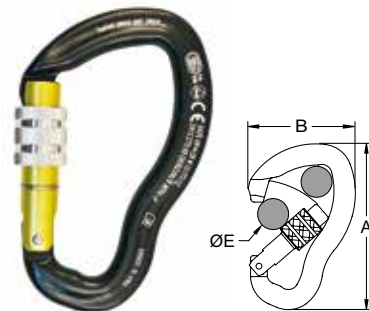
- Compatto e leggero, dalla forma ergonomica e con un elevato carico di rottura.
- Disponibile con leva dritta o curva, ghiera a vite, express, autoblock, twistlock e nella speciale versione double gate con resistente leva a filo.

**STRAIGHT GATE KEYLOCK**


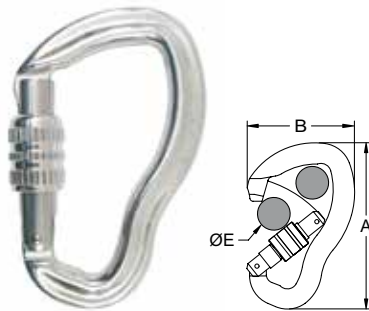
| #           | Size | CE | Norm        | Color | ◀  | ⬆  | ↻  | ⚖  | A  | B  | C  | D  | E  | F  |
|-------------|------|----|-------------|-------|----|----|----|----|----|----|----|----|----|----|
|             |      |    |             |       | kN | kN | kN | g  | mm | mm | mm | mm | mm | mm |
| 793000100KK | -    | ✓  | CE EN 12275 |       | 27 | 10 | 9  | 56 | 99 | 64 | -  | -  | 20 | -  |
| 793NC0400KK | -    | ✓  | CE EN 12275 |       | 27 | 10 | 9  | 56 | 99 | 64 | -  | -  | 20 | -  |
| 793NN0400KK | -    | ✓  | CE EN 12275 |       | 27 | 10 | 9  | 56 | 99 | 64 | -  | -  | 20 | -  |

**BENT GATE KEYLOCK**


| #           | Size | CE | Norm        | Color | ◀  | ⬆  | ↻  | ⚖  | A  | B  | C  | D  | E  | F  |
|-------------|------|----|-------------|-------|----|----|----|----|----|----|----|----|----|----|
|             |      |    |             |       | kN | kN | kN | g  | mm | mm | mm | mm | mm | mm |
| 763000100KK | -    | ✓  | CE EN 12275 |       | 27 | 10 | 9  | 56 | 99 | 64 | -  | -  | 20 | -  |
| 763NC0400KK | -    | ✓  | CE EN 12275 |       | 27 | 10 | 9  | 56 | 99 | 64 | -  | -  | 20 | -  |
| 763NN0400KK | -    | ✓  | CE EN 12275 |       | 27 | 10 | 9  | 56 | 99 | 64 | -  | -  | 20 | -  |

**SCREW SLEEVE KEYLOCK**


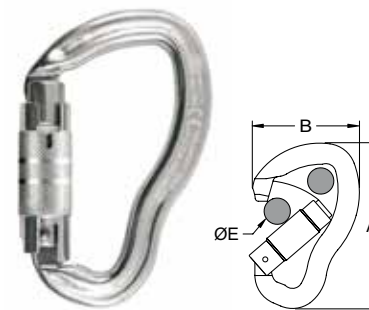
| #           | Size | CE | Norm                       | Color | ◀  | ⬆  | ↻  | ⚖  | A  | B  | C  | D  | E  | F  |
|-------------|------|----|----------------------------|-------|----|----|----|----|----|----|----|----|----|----|
|             |      |    |                            |       | kN | kN | kN | g  | mm | mm | mm | mm | mm | mm |
| 7830001A1KK | -    | ✓  | CE EN 12275<br>CE EN 362/B |       | 27 | 10 | 9  | 58 | 99 | 64 | -  | -  | 19 | -  |
| 783NCP4A1KK | -    | ✓  | CE EN 12275<br>CE EN 362/B |       | 27 | 10 | 9  | 58 | 99 | 64 | -  | -  | 19 | -  |
| 783NNN6ANKK | -    | ✓  | CE EN 12275<br>CE EN 362/B |       | 27 | 10 | 9  | 58 | 99 | 64 | -  | -  | 19 | -  |

**EXPRESS SLEEVE KEYLOCK**


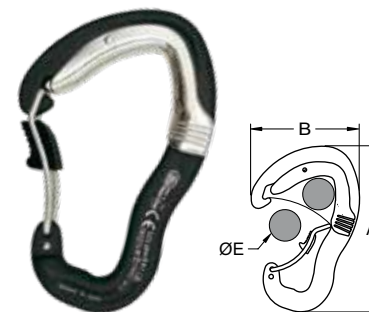
| #           | Size | CE | Norm                       | Color | ◀  | ⬆  | ↻  | ⚖  | A  | B  | C  | D  | E  | F  |
|-------------|------|----|----------------------------|-------|----|----|----|----|----|----|----|----|----|----|
|             |      |    |                            |       | kN | kN | kN | g  | mm | mm | mm | mm | mm | mm |
| 7830001G1KK | -    | ✓  | CE EN 12275<br>CE EN 362/B |       | 27 | 10 | -  | 62 | 99 | 64 | -  | -  | 19 | -  |

**AUTO BLOCK KEYLOCK**


| #           | Size | CE | Norm                       | Color | ◀  | ⬆  | ↻  | ⚖  | A  | B  | C  | D  | E  | F  |
|-------------|------|----|----------------------------|-------|----|----|----|----|----|----|----|----|----|----|
|             |      |    |                            |       | kN | kN | kN | g  | mm | mm | mm | mm | mm | mm |
| 7830001V1KK | -    | ✓  | CE EN 12275<br>CE EN 362/B |       | 27 | 7  | -  | 67 | 99 | 64 | -  | -  | 17 | -  |
| 783NNN6VNKK | -    | ✓  | CE EN 12275<br>CE EN 362/B |       | 27 | 7  | -  | 67 | 99 | 64 | -  | -  | 17 | -  |

**TWIST LOCK KEYLOCK**


| #           | Size | CE | Norm                       | Color | ◀  | ⬆  | ↻  | ⚖  | A  | B  | C  | D  | E  | F  |
|-------------|------|----|----------------------------|-------|----|----|----|----|----|----|----|----|----|----|
|             |      |    |                            |       | kN | kN | kN | g  | mm | mm | mm | mm | mm | mm |
| 7830001P1KK | -    | ✓  | CE EN 12275<br>CE EN 362/B |       | 27 | 7  | -  | 65 | 99 | 64 | -  | -  | 17 | -  |
| 783NNN6PNKK | -    | ✓  | CE EN 12275<br>CE EN 362/B |       | 27 | 7  | -  | 65 | 99 | 64 | -  | -  | 17 | -  |

**DOUBLE GATE**


| #           | Size | CE | Norm                         | Color | ◀  | ⬆  | ↻  | ⚖  | A  | B  | C  | D  | E  | F  |
|-------------|------|----|------------------------------|-------|----|----|----|----|----|----|----|----|----|----|
|             |      |    |                              |       | kN | kN | kN | g  | mm | mm | mm | mm | mm | mm |
| 907N003X3KK | -    | ✓  | CE EN 12275/K<br>CE EN 362/B |       | 29 | 7  | -  | 66 | 99 | 64 | -  | -  | 22 | -  |

**HEAVY DUTY ALU**

- High tensile aluminum carabiner with screw gate. Heavy Duty Alu is the aluminum connector with the highest strength in the range of aluminium carabiners of our production, 36 kN on major axis!
- The particular D shape prevents the rotation of the hook and allows distribution of most of the load along the stronger axis.
- Equipped with screw gate which makes it perfect for all professional applications.

- Moschettone ad alto carico in alluminio con ghiera a vite. Heavy Duty Alu è il connettore in alluminio con la più alta tenuta di carico della nostra produzione, ben 36 kN sull'asse maggiore!
- La particolare forma a D evita la rotazione del moschettone e permette di ripartire maggiormente il carico lungo l'asse più robusto.
- Dotato di ghiera a vite che lo rende perfetto per tutte le applicazioni professionali.

**SCREW SLEEVE**


| #           | Size | CE | Norm                         | Color | ◀  | ⬆  | ↻  | ⚖  | A   | B  | C  | D  | E  | F  |
|-------------|------|----|------------------------------|-------|----|----|----|----|-----|----|----|----|----|----|
|             |      |    |                              |       | kN | kN | kN | g  | mm  | mm | mm | mm | mm | mm |
| 785NNN6ANKK | -    | ✓  | CE EN 12275/K<br>CE EN 362/B |       | 36 | 11 | 13 | 88 | 120 | 64 | -  | -  | 16 | 11 |

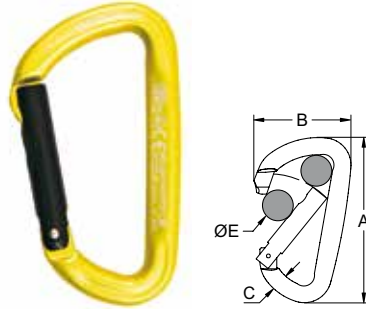


## TRAPPER

- Aluminum alloy connector available with a straight gate, bent gate or screw sleeve, and fitted with the Keylock system. Designed for use in quickdraws. The D shape transfers the majority of the load onto the main axis of the connector.

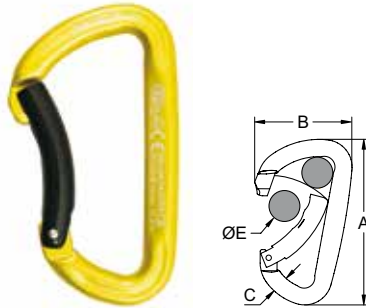
- Connettore da rinvio in lega d'alluminio disponibile con leva dritta, curva o ghiera a vite, dotato di sistema keylock. Progettato per l'arrampicata sportiva e l'utilizzo su rinvio. La forma a D trasferisce la maggioranza del carico sull'asse principale del connettore.

### STRAIGHT GATE



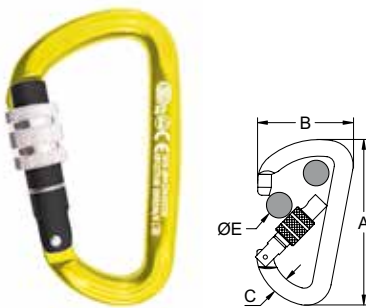
| #           | Size |   | Norm        | Color |    |    |   |    | A  | B  | C  | D  | E  | F  |
|-------------|------|---|-------------|-------|----|----|---|----|----|----|----|----|----|----|
|             |      |   |             |       |    |    |   |    | mm | mm | mm | mm | mm | mm |
| 799000100KK | -    | ✓ | CE EN 12275 |       | 23 | 10 | 9 | 55 | 98 | 58 | 10 | -  | 19 | -  |
| 799CN0400KK | -    | ✓ | CE EN 12275 |       | 23 | 10 | 9 | 55 | 98 | 58 | 10 | -  | 19 | -  |

### BENT GATE



| #           | Size |   | Norm        | Color |    |    |   |    | A  | B  | C  | D  | E  | F  |
|-------------|------|---|-------------|-------|----|----|---|----|----|----|----|----|----|----|
|             |      |   |             |       |    |    |   |    | mm | mm | mm | mm | mm | mm |
| 769000100KK | -    | ✓ | CE EN 12275 |       | 23 | 10 | 9 | 52 | 98 | 58 | 10 | -  | 19 | -  |
| 769CN0400KK | -    | ✓ | CE EN 12275 |       | 23 | 10 | 9 | 52 | 98 | 58 | 10 | -  | 19 | -  |

### SCREW SLEEVE



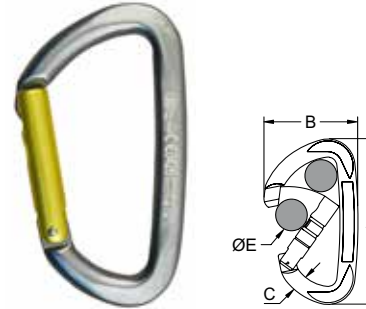
| #           | Size |   | Norm                       | Color |    |    |   |    | A  | B  | C  | D  | E  | F  |
|-------------|------|---|----------------------------|-------|----|----|---|----|----|----|----|----|----|----|
|             |      |   |                            |       |    |    |   |    | mm | mm | mm | mm | mm | mm |
| 789CNP4A1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 23 | 10 | 9 | 70 | 98 | 58 | 10 | -  | 15 | -  |
| 789NNN6ANKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 23 | 10 | 9 | 70 | 98 | 58 | 10 | -  | 15 | -  |

## GUIDE

- Heavy load aluminum alloy connector.  
- The generous size and wide gate opening make it practical and liked by both beginners and professionals.

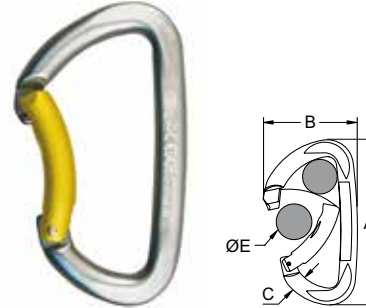
- Connettore in lega d'alluminio ad alto carico.  
- Le dimensioni generose e l'ampia apertura della leva lo rendono un prodotto pratico e trasversale apprezzato sia dai principianti che dai professionisti.

### STRAIGHT GATE



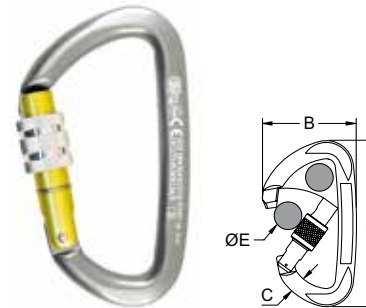
| #           | Size |   | Norm        | Color |    |    |    |    | A   | B    | C  | D  | E  | F  |
|-------------|------|---|-------------|-------|----|----|----|----|-----|------|----|----|----|----|
|             |      |   |             |       |    |    |    |    | mm  | mm   | mm | mm | mm | mm |
| 713000100KK | -    | ✓ | CE EN 12275 |       | 30 | 10 | 10 | 66 | 110 | 62.5 | 11 | -  | 22 | -  |
| 713FC0400KK | -    | ✓ | CE EN 12275 |       | 30 | 10 | 10 | 66 | 110 | 62.5 | 11 | -  | 22 | -  |
| 713NN0400KK | -    | ✓ | CE EN 12275 |       | 30 | 10 | 10 | 66 | 110 | 62.5 | 11 | -  | 22 | -  |

### BENT GATE



| #           | Size |   | Norm        | Color |    |    |    |    | A   | B    | C  | D  | E  | F  |
|-------------|------|---|-------------|-------|----|----|----|----|-----|------|----|----|----|----|
|             |      |   |             |       |    |    |    |    | mm  | mm   | mm | mm | mm | mm |
| 723FC0400KK | -    | ✓ | CE EN 12275 |       | 30 | 10 | 10 | 65 | 110 | 62.5 | 11 | -  | 22 | -  |
| 723BP0300KK | -    | ✓ | CE EN 12275 |       | 30 | 10 | 10 | 65 | 110 | 62.5 | 11 | -  | 22 | -  |
| 723NN0400KK | -    | ✓ | CE EN 12275 |       | 30 | 10 | 10 | 65 | 110 | 62.5 | 11 | -  | 22 | -  |

### SCREW SLEEVE



| #           | Size |   | Norm                       | Color |    |    |    |    | A   | B    | C  | D  | E  | F  |
|-------------|------|---|----------------------------|-------|----|----|----|----|-----|------|----|----|----|----|
|             |      |   |                            |       |    |    |    |    | mm  | mm   | mm | mm | mm | mm |
| 7330001A1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 30 | 10 | 10 | 70 | 110 | 62.5 | 11 | -  | 19 | -  |
| 733FCP4A1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 30 | 10 | 10 | 70 | 110 | 62.5 | 11 | -  | 19 | -  |
| 733RNP4A1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 30 | 10 | 10 | 70 | 110 | 62.5 | 11 | -  | 19 | -  |
| 733NNN6ANKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 30 | 10 | 10 | 70 | 110 | 62.5 | 11 | -  | 19 | -  |

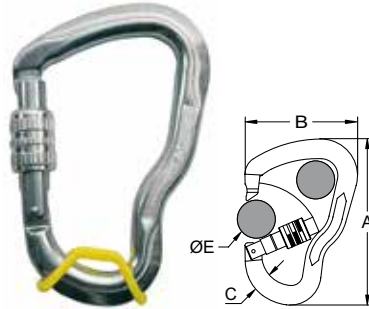


## FERRATA

- Aluminum alloy connector available with a screw, auto block or twist lock sleeve.
- Its special shape provides a large opening (up to 27 mm) and an excellent grip.
- Normally used on a lanyard or in via ferrata sets.

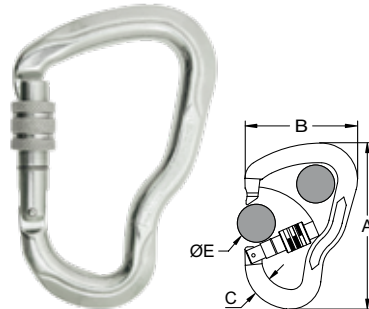
- Connettore in alluminio disponibile con ghiera a vite, autoblock e twistlock.
- La forma particolare garantisce una grande apertura (27 mm) e un'ottima impugnatura.
- Normalmente utilizzato su longe o set ferrata.

### EXPRESS SLEEVE



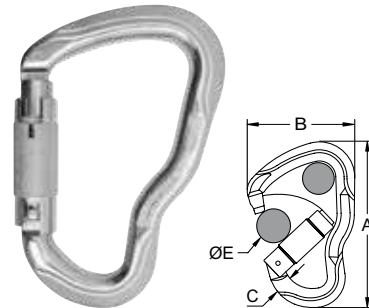
| #           | Size |   | Norm                         | Color |    |    |    |    | A     | B  | C  | D  | E  | F  |
|-------------|------|---|------------------------------|-------|----|----|----|----|-------|----|----|----|----|----|
|             |      |   |                              |       | kN | kN | kN | g  | mm    | mm | mm | mm | mm | mm |
| 7780001G1KK | -    | ✓ | CE EN 12275/K<br>CE EN 362/B |       | 30 | 10 | -  | 90 | 117.5 | 80 | 14 | -  | 27 | -  |
| 778RPP3G1KK | -    | ✓ | CE EN 12275/K<br>CE EN 362/B |       | 30 | 10 | -  | 90 | 117.5 | 80 | 14 | -  | 27 | -  |
| 778NNN6GNKK | -    | ✓ | CE EN 12275/K<br>CE EN 362/B |       | 30 | 10 | -  | 90 | 117.5 | 80 | 14 | -  | 27 | -  |

### SCREW SLEEVE



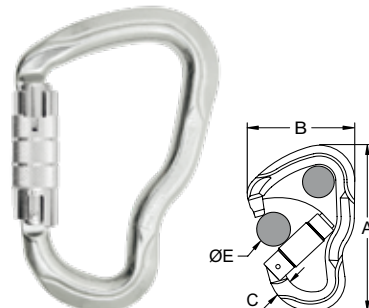
| #           | Size |   | Norm                       | Color |    |    |    |    | A     | B  | C  | D  | E  | F  |
|-------------|------|---|----------------------------|-------|----|----|----|----|-------|----|----|----|----|----|
|             |      |   |                            |       | kN | kN | kN | g  | mm    | mm | mm | mm | mm | mm |
| 7780001A1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 30 | 10 | 12 | 90 | 117.5 | 80 | 14 | -  | 27 | -  |
| 778NNN6ANKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 30 | 10 | 12 | 90 | 117.5 | 80 | 14 | -  | 27 | -  |

### AUTO BLOCK



| #           | Size |   | Norm                         | Color |    |    |    |    | A     | B  | C  | D  | E  | F  |
|-------------|------|---|------------------------------|-------|----|----|----|----|-------|----|----|----|----|----|
|             |      |   |                              |       | kN | kN | kN | g  | mm    | mm | mm | mm | mm | mm |
| 7780001V1KK | -    | ✓ | CE EN 12275/K<br>CE EN 362/B |       | 30 | 8  | -  | 97 | 117.5 | 80 | 14 | -  | 26 | -  |
| 778RPP3V1KK | -    | ✓ | CE EN 12275/K<br>CE EN 362/B |       | 30 | 8  | -  | 97 | 117.5 | 80 | 14 | -  | 26 | -  |
| 778NNN6VNKK | -    | ✓ | CE EN 12275/K<br>CE EN 362/B |       | 30 | 8  | -  | 97 | 117.5 | 80 | 14 | -  | 26 | -  |

### TWIST LOCK



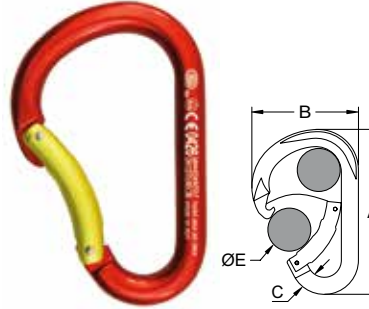
| #           | Size |   | Norm                         | Color |    |    |    |    | A     | B  | C  | D  | E  | F  |
|-------------|------|---|------------------------------|-------|----|----|----|----|-------|----|----|----|----|----|
|             |      |   |                              |       | kN | kN | kN | g  | mm    | mm | mm | mm | mm | mm |
| 778RPP3P1KK | -    | ✓ | CE EN 12275/K<br>CE EN 362/B |       | 30 | 9  | -  | 96 | 117.5 | 80 | 14 | -  | 26 | -  |
| 7780001P1KK | -    | ✓ | CE EN 12275/K<br>CE EN 362/B |       | 30 | 8  | -  | 96 | 117.5 | 80 | 14 | -  | 26 | -  |
| 778NNN6PNKK | -    | ✓ | CE EN 12275/K<br>CE EN 362/B |       | 30 | 8  | -  | 96 | 117.5 | 80 | 14 | -  | 26 | -  |

## PADDLE

- Initially designed for attaching the paddle of a kayak, this connector has found various applications due to its wide opening of up to 33.5 mm!

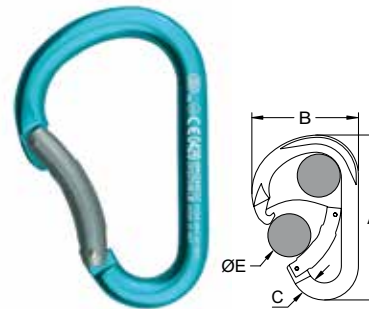
- Concepito inizialmente per agganciare il manico della pagaia da kayak, il Paddle ha trovato numerose applicazioni grazie alla notevole apertura di ben 33,5 mm!

### BENT GATE



| #           | Size |   | Norm        | Color |    |    |    |    | A   | B  | C  | D  | E  | F  |
|-------------|------|---|-------------|-------|----|----|----|----|-----|----|----|----|----|----|
|             |      |   |             |       | kN | kN | kN | g  | mm  | mm | mm | mm | mm | mm |
| 266RY0400KK | -    | ✓ | CE EN 12275 |       | 22 | 8  | 7  | 80 | 116 | 75 | 12 | -  | 32 | -  |

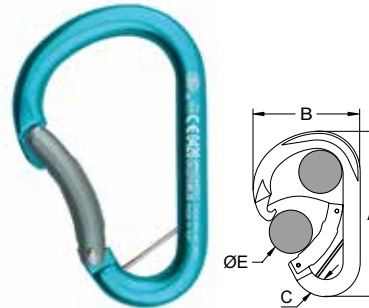
### BENT GATE



**New KeyLock version**  
Nuova versione KeyLock

| #           | Size |   | Norm        | Color |    |    |    |    | A   | B  | C  | D  | E  | F  |
|-------------|------|---|-------------|-------|----|----|----|----|-----|----|----|----|----|----|
|             |      |   |             |       | kN | kN | kN | g  | mm  | mm | mm | mm | mm | mm |
| 265000100KK | -    | ✓ | CE EN 12275 |       | 22 | 8  | 7  | 80 | 116 | 75 | 12 | -  | 32 | -  |
| 265NN0400KK | -    | ✓ | CE EN 12275 |       | 22 | 8  | 7  | 80 | 116 | 75 | 12 | -  | 32 | -  |
| 265BD0400KK | -    | ✓ | CE EN 12275 |       | 22 | 8  | 7  | 80 | 116 | 75 | 12 | -  | 32 | -  |
| 265RC0400KK | -    | ✓ | CE EN 12275 |       | 22 | 8  | 7  | 80 | 116 | 75 | 12 | -  | 32 | -  |

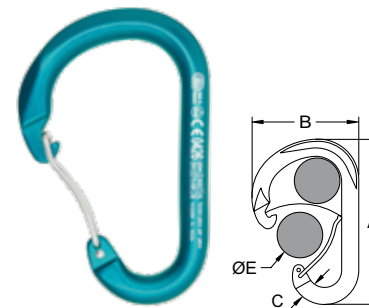
### PADDLE BAR - BENT GATE



**New KeyLock version**  
Nuova versione KeyLock

| #           | Size |   | Norm          | Color |    |    |    |    | A   | B  | C  | D  | E  | F  |
|-------------|------|---|---------------|-------|----|----|----|----|-----|----|----|----|----|----|
|             |      |   |               |       | kN | kN | kN | g  | mm  | mm | mm | mm | mm | mm |
| 265000105KK | -    | ✓ | CE EN 12275/H |       | 22 | 8  | 6  | 81 | 116 | 75 | 12 | -  | 32 | -  |
| 265NN0405KK | -    | ✓ | CE EN 12275/H |       | 22 | 8  | 6  | 81 | 116 | 75 | 12 | -  | 32 | -  |
| 265BD0405KK | -    | ✓ | CE EN 12275/H |       | 22 | 8  | 6  | 81 | 116 | 75 | 12 | -  | 32 | -  |
| 265RC0405KK | -    | ✓ | CE EN 12275/H |       | 22 | 8  | 6  | 81 | 116 | 75 | 12 | -  | 32 | -  |

### PADDLE WIRE - BENT GATE



| #           | Size |   | Norm        | Color |    |    |    |    | A   | B  | C  | D  | E    | F  |
|-------------|------|---|-------------|-------|----|----|----|----|-----|----|----|----|------|----|
|             |      |   |             |       | kN | kN | kN | g  | mm  | mm | mm | mm | mm   | mm |
| 901000100KK | -    | ✓ | CE EN 12275 |       | 22 | 8  | 7  | 71 | 116 | 75 | 12 | -  | 33.5 | -  |
| 901B00300KK | -    | ✓ | CE EN 12275 |       | 22 | 8  | 7  | 71 | 116 | 75 | 12 | -  | 33.5 | -  |
| 901R00300KK | -    | ✓ | CE EN 12275 |       | 22 | 8  | 7  | 71 | 116 | 75 | 12 | -  | 33.5 | -  |

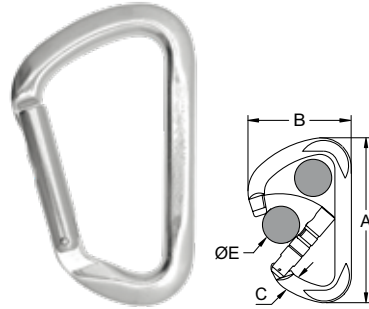


## LARGE MULTIUSE

- Heavy load connector that combines a wide opening with compact size. Locking versions are recommended for use with manually operated descenders such as the Otto or Oka.

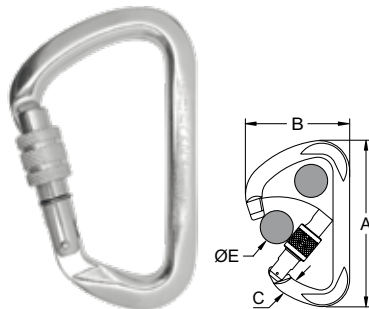
- Connettore ad alto carico che combina grande apertura e dimensioni compatte. Le versioni a ghiera sono consigliate per l'utilizzo con discensori a comando manuale quali l'Otto o l'Oka.

### STRAIGHT GATE



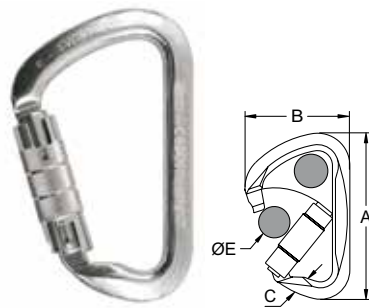
| #           | Size |   | Norm        | Color |  | kN | kN | kN | g  | A   | B  | C  | D  | E  | F  |
|-------------|------|---|-------------|-------|--|----|----|----|----|-----|----|----|----|----|----|
|             |      |   |             |       |  |    |    |    |    | mm  | mm | mm | mm | mm | mm |
| 717000100KK | -    | ✓ | CE EN 12275 |       |  | 27 | 9  | 9  | 65 | 112 | 72 | 11 | -  | 25 | -  |
| 717DB0400KK | -    | ✓ | CE EN 12275 |       |  | 27 | 9  | 9  | 65 | 112 | 72 | 11 | -  | 25 | -  |

### SCREW SLEEVE



| #           | Size |   | Norm                       | Color |  | kN | kN | kN | g  | A   | B  | C  | D  | E  | F  |
|-------------|------|---|----------------------------|-------|--|----|----|----|----|-----|----|----|----|----|----|
|             |      |   |                            |       |  |    |    |    |    | mm  | mm | mm | mm | mm | mm |
| 7370001A1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       |  | 27 | 9  | 9  | 73 | 112 | 72 | 11 | -  | 23 | -  |
| 737DBD6ADKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       |  | 27 | 9  | 9  | 73 | 112 | 72 | 11 | -  | 23 | -  |
| 737NNN6ANKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       |  | 27 | 9  | 9  | 73 | 112 | 72 | 11 | -  | 23 | -  |

### TWIST LOCK



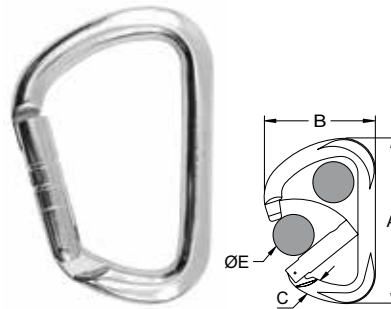
| #           | Size |   | Norm                         | Color |  | kN | kN | kN | g  | A   | B  | C  | D  | E  | F  |
|-------------|------|---|------------------------------|-------|--|----|----|----|----|-----|----|----|----|----|----|
|             |      |   |                              |       |  |    |    |    |    | mm  | mm | mm | mm | mm | mm |
| 7370001P1KK | -    | ✓ | CE EN 12275/K<br>CE EN 362/B |       |  | 27 | 9  | -  | 78 | 110 | 72 | 11 | -  | 22 | -  |
| 737DPB5PBKK | -    | ✓ | CE EN 12275/K<br>CE EN 362/B |       |  | 27 | 9  | -  | 78 | 110 | 72 | 11 | -  | 22 | -  |
| 737NPN5PNKK | -    | ✓ | CE EN 12275/K<br>CE EN 362/B |       |  | 27 | 9  | -  | 78 | 110 | 72 | 11 | -  | 22 | -  |

## X-LARGE ALU

- The size and shape of this connector make it suitable for connecting different ropes and tapes, for organizing an anchor point, for belaying, or for descending with a single rope or half ropes.

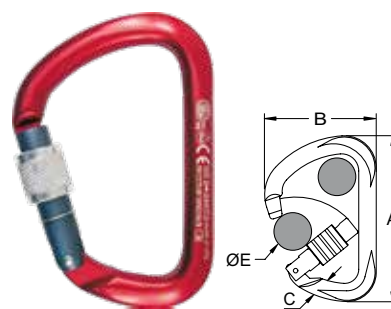
- La dimensione e la forma di questo connettore sono adatte per collegare diverse corde e fettucce, organizzare la sosta, assicurare o scendere in doppia con un mezzo barcaiole, su corda singola o mezza corda.

### STRAIGHT GATE



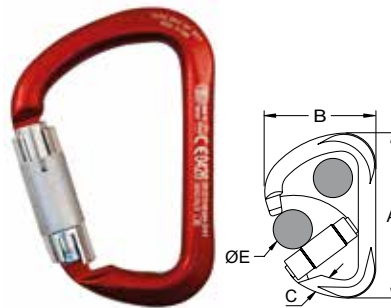
| #           | Size |   | Norm        | Color |  | kN | kN | kN | g  | A   | B    | C  | D  | E  | F  |
|-------------|------|---|-------------|-------|--|----|----|----|----|-----|------|----|----|----|----|
|             |      |   |             |       |  |    |    |    |    | mm  | mm   | mm | mm | mm | mm |
| 910000100KK | -    | ✓ | CE EN 12275 |       |  | 30 | 9  | 9  | 85 | 114 | 76.5 | 12 | -  | 29 | -  |

### SCREW SLEEVE



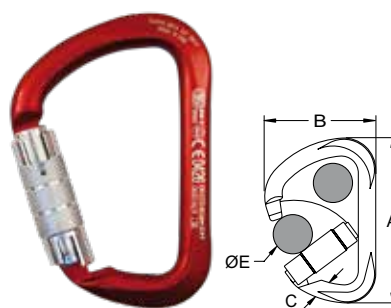
| #           | Size |   | Norm                       | Color |  | kN | kN | kN | g  | A   | B    | C  | D  | E    | F  |
|-------------|------|---|----------------------------|-------|--|----|----|----|----|-----|------|----|----|------|----|
|             |      |   |                            |       |  |    |    |    |    | mm  | mm   | mm | mm | mm   | mm |
| 9110001A1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       |  | 30 | 9  | 9  | 90 | 114 | 76.5 | 12 | -  | 26.5 | -  |
| 911NNN6ANKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       |  | 30 | 9  | 9  | 90 | 114 | 76.5 | 12 | -  | 26.5 | -  |
| 911RXP4A1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       |  | 30 | 9  | 9  | 90 | 114 | 76.5 | 12 | -  | 26.5 | -  |
| 911ONO6AOKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       |  | 30 | 9  | 9  | 90 | 114 | 76.5 | 12 | -  | 26.5 | -  |

### AUTO BLOCK



| #           | Size |   | Norm                       | Color |  | kN | kN | kN | g  | A   | B    | C  | D  | E  | F  |
|-------------|------|---|----------------------------|-------|--|----|----|----|----|-----|------|----|----|----|----|
|             |      |   |                            |       |  |    |    |    |    | mm  | mm   | mm | mm | mm | mm |
| 9110001V1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       |  | 30 | 9  | -  | 95 | 114 | 76.5 | 12 | -  | 26 | -  |
| 911RPP3V1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       |  | 30 | 9  | -  | 95 | 114 | 76.5 | 12 | -  | 26 | -  |
| 911OPN7VNKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       |  | 30 | 9  | -  | 95 | 114 | 76.5 | 12 | -  | 26 | -  |

### TWIST LOCK



| #           | Size |   | Norm                       | Color |  | kN | kN | kN | g  | A   | B    | C  | D  | E  | F  |
|-------------|------|---|----------------------------|-------|--|----|----|----|----|-----|------|----|----|----|----|
|             |      |   |                            |       |  |    |    |    |    | mm  | mm   | mm | mm | mm | mm |
| 911RPP3P1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       |  | 30 | 9  | -  | 95 | 114 | 76.5 | 12 | -  | 26 | -  |
| 911OPN7PNKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       |  | 30 | 9  | -  | 95 | 114 | 76.5 | 12 | -  | 26 | -  |

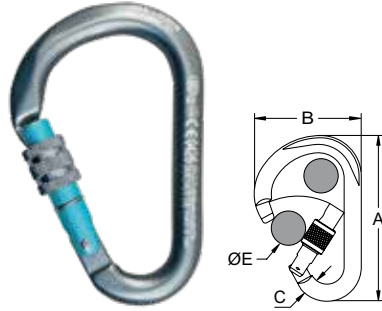


## H.M.S. CLASSIC

- The classic wide pear shape makes it suitable for belaying with a münter hitch. It can be used with all anchoring and belaying systems. The checkering on the sleeves provides better grip when wearing gloves.

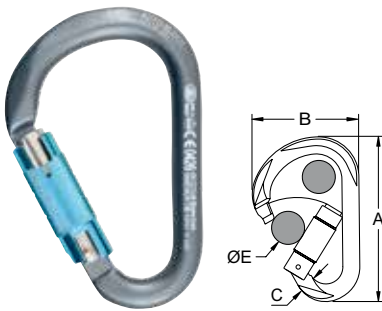
- La classica forma a base larga HMS a pera lo rende adatto per assicurazioni con nodo barcaiole o mezzo barcaiole. Possibilità di utilizzo con tutti i sistemi di ancoraggio e assicurazione, sia in sosta che collegati all'imbracco. La zigrinatura della ghiera favorisce l'utilizzo anche con i guanti.

### SCREW SLEEVE



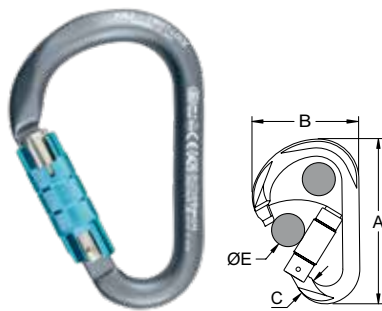
| #           | Size |   | Norm                         | Color |    |    |    |    | A   | B  | C  | D  | E  | F  |
|-------------|------|---|------------------------------|-------|----|----|----|----|-----|----|----|----|----|----|
|             |      |   |                              |       | kN | kN | kN | g  | mm  | mm | mm | mm | mm | mm |
| 7860001A1KK | -    | ✓ | CE EN 12275/H<br>CE EN 362/B |       | 22 | 8  | 6  | 88 | 116 | 78 | 12 | -  | 25 | -  |
| 786DBD6ADKK | -    | ✓ | CE EN 12275/H<br>CE EN 362/B |       | 22 | 8  | 6  | 88 | 116 | 78 | 12 | -  | 25 | -  |
| 786RNP4A1KK | -    | ✓ | CE EN 12275/H<br>CE EN 362/B |       | 22 | 8  | 6  | 88 | 116 | 78 | 12 | -  | 25 | -  |
| 786NNN6ANKK | -    | ✓ | CE EN 12275/H<br>CE EN 362/B |       | 22 | 8  | 6  | 88 | 116 | 78 | 12 | -  | 25 | -  |
| 786ONO6AOKK | -    | ✓ | CE EN 12275/H<br>CE EN 362/B |       | 22 | 8  | 6  | 88 | 116 | 78 | 12 | -  | 25 | -  |

### AUTO BLOCK



| #           | Size |   | Norm                       | Color |    |    |    |    | A   | B  | C  | D  | E  | F  |
|-------------|------|---|----------------------------|-------|----|----|----|----|-----|----|----|----|----|----|
|             |      |   |                            |       | kN | kN | kN | g  | mm  | mm | mm | mm | mm | mm |
| 7860001V1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 22 | 8  | -  | 95 | 116 | 78 | 12 | -  | 23 | -  |
| 786RPP3V1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 22 | 8  | -  | 95 | 116 | 78 | 12 | -  | 23 | -  |
| 786DPB5VBKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 22 | 8  | -  | 95 | 116 | 78 | 12 | -  | 23 | -  |
| 786NNN6VNKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 22 | 8  | -  | 95 | 116 | 78 | 12 | -  | 23 | -  |
| 786OPN7VNKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 22 | 8  | -  | 95 | 116 | 78 | 12 | -  | 23 | -  |

### TWIST LOCK



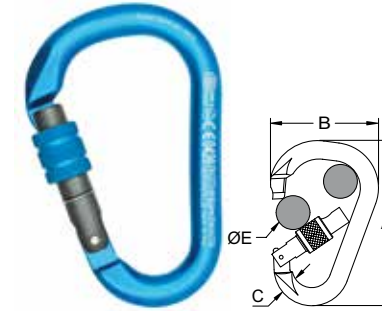
| #           | Size |   | Norm                       | Color |    |    |    |    | A   | B  | C  | D  | E  | F  |
|-------------|------|---|----------------------------|-------|----|----|----|----|-----|----|----|----|----|----|
|             |      |   |                            |       | kN | kN | kN | g  | mm  | mm | mm | mm | mm | mm |
| 7860001P1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 22 | 8  | -  | 95 | 116 | 78 | 12 | -  | 23 | -  |
| 786DPB5PBKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 22 | 8  | -  | 95 | 116 | 78 | 12 | -  | 23 | -  |
| 786NNN6PNKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 22 | 8  | -  | 95 | 116 | 78 | 12 | -  | 23 | -  |
| 786OPN7PNKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 22 | 8  | -  | 95 | 116 | 78 | 12 | -  | 23 | -  |

## H.M.S. NAPIK

- HMS connector of modern conception, lighter and more compact than the traditional HMS yet with a higher tensile strength.

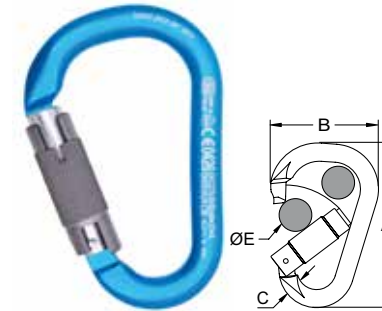
- Connettore HMS di concezione moderna, più compatto e leggero del tradizionale connettore HMS e con un carico di rottura superiore.

### SCREW SLEEVE



| #           | Size |   | Norm                         | Color |    |    |    |    | A   | B    | C  | D  | E  | F  |
|-------------|------|---|------------------------------|-------|----|----|----|----|-----|------|----|----|----|----|
|             |      |   |                              |       | kN | kN | kN | g  | mm  | mm   | mm | mm | mm | mm |
| 9570001A1KK | -    | ✓ | CE EN 12275/H<br>CE EN 362/B |       | 23 | 10 | 6  | 80 | 110 | 71.5 | 12 | -  | 23 | -  |
| 957NNN6ANKK | -    | ✓ | CE EN 12275/H<br>CE EN 362/B |       | 23 | 10 | 6  | 80 | 110 | 71.5 | 12 | -  | 23 | -  |
| 9570FP4A1KK | -    | ✓ | CE EN 12275/H<br>CE EN 362/B |       | 23 | 10 | 6  | 80 | 110 | 71.5 | 12 | -  | 23 | -  |
| 957BDB6ABKK | -    | ✓ | CE EN 12275/H<br>CE EN 362/B |       | 23 | 10 | 6  | 80 | 110 | 71.5 | 12 | -  | 23 | -  |
| 957ONO6AOKK | -    | ✓ | CE EN 12275/H<br>CE EN 362/B |       | 23 | 10 | 6  | 80 | 110 | 71.5 | 12 | -  | 23 | -  |

### AUTO BLOCK



| #           | Size |   | Norm                       | Color |    |    |    |    | A   | B    | C  | D  | E  | F  |
|-------------|------|---|----------------------------|-------|----|----|----|----|-----|------|----|----|----|----|
|             |      |   |                            |       | kN | kN | kN | g  | mm  | mm   | mm | mm | mm | mm |
| 957RPP3V1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 23 | 8  | -  | 91 | 110 | 71.5 | 12 | -  | 23 | -  |
| 957BPD5VDKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 23 | 8  | -  | 91 | 110 | 71.5 | 12 | -  | 23 | -  |
| 957OPN7VNKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 23 | 8  | -  | 91 | 110 | 71.5 | 12 | -  | 23 | -  |

### TWIST LOCK



| #           | Size |   | Norm                       | Color |    |    |    |    | A   | B  | C  | D  | E  | F  |
|-------------|------|---|----------------------------|-------|----|----|----|----|-----|----|----|----|----|----|
|             |      |   |                            |       | kN | kN | kN | g  | mm  | mm | mm | mm | mm | mm |
| 9570001P1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 23 | 8  | -  | 89 | 116 | 78 | 12 | -  | 23 | -  |
| 957RPP3P1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 23 | 8  | -  | 89 | 116 | 78 | 12 | -  | 23 | -  |
| 957BPD5PDKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 23 | 8  | -  | 89 | 116 | 78 | 12 | -  | 25 | -  |
| 957OPN7PNKK | -    | ✓ | CE EN 12275<br>CE EN 362/B |       | 23 | 8  | -  | 89 | 116 | 78 | 12 | -  | 25 | -  |



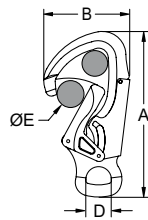


## TANGO

- Hot forged aluminum connector with a double gate.
- Ideal for positioning lanyards and via ferrata sets.

- Connettore in alluminio forgiato a caldo con doppia leva di sicurezza.
- Ideale per realizzare longhe di posizionamento e set ferrata.

### DOUBLE GATE



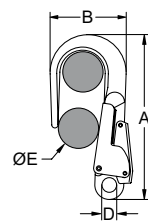
| #           | Size |   | Norm                                  | Color |    |    |    |     | A   | B  | C  | D  | E  | F  |
|-------------|------|---|---------------------------------------|-------|----|----|----|-----|-----|----|----|----|----|----|
|             |      |   |                                       |       | kN | kN | kN | g   | mm  | mm | mm | mm | mm | mm |
| 71500NNX2KK | -    | - | CE EN 362/T - NFPA-T<br>CE EN 12275/K |       | 33 | 10 | 15 | 132 | 136 | 70 | -  | 19 | 26 | -  |
| 71500BPX2KK | -    | - | CE EN 362/T - NFPA-T<br>CE EN 12275/K |       | 33 | 10 | 15 | 132 | 136 | 70 | -  | 19 | 26 | -  |
| 71500RPX2KK | -    | - | CE EN 362/T - NFPA-T<br>CE EN 12275/K |       | 33 | 10 | 15 | 132 | 136 | 70 | -  | 19 | 26 | -  |

## QUEEDY

- Kong Queedy, aluminum connector for use in scaffolding and work protection systems. Double gate and wide gate opening.

- Connettore in alluminio Kong Queedy per ponteggio/impalcature e sicurezza in ambiente di lavoro. Sblocco a doppia leva e grande apertura.

### DOUBLE GATE

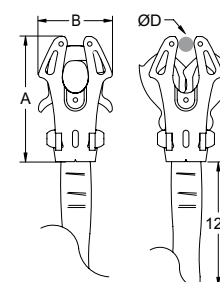


| #           | Size |   | Norm        | Color |    |    |    |     | A   | B   | C  | D  | E   | F  |
|-------------|------|---|-------------|-------|----|----|----|-----|-----|-----|----|----|-----|----|
|             |      |   |             |       | kN | kN | kN | g   | mm  | mm  | mm | mm | mm  | mm |
| 71624P1X2KK | -    | - | CE EN 362/A |       | 24 | -  | -  | 460 | 240 | 110 | -  | 21 | 56  | -  |
| 71635N3X2KK | -    | - | CE EN 362/A |       | 24 | -  | -  | 950 | 350 | 165 | -  | 27 | 105 | -  |

## FROG

- The Kong Frog is a revolutionary directional connector which closes automatically when it touches the anchor point.
- Updated version with improved opening up to 12.7mm.
- Also suitable for metal cables.

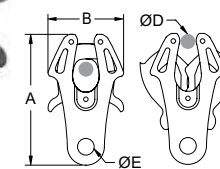
- Frog è un connettore rivoluzionario che si chiude automaticamente entrando in contatto con l'ancoraggio.
- Versione aggiornata con apertura aumentata a 12,7mm.
- Adatto anche per utilizzo su cavi metallici.



Watch the video  
Guarda il video

| #           | Size |   | Norm                           | Color |    |    |    |    | A  | B  | C  | D    | E  | F  |
|-------------|------|---|--------------------------------|-------|----|----|----|----|----|----|----|------|----|----|
|             |      |   |                                |       | kN | kN | kN | g  | mm | mm | mm | mm   | mm | mm |
| 704012000KK | -    | ✓ | CE EN 362/A/T<br>CE EN 12275/A |       | 22 | -  | -  | 74 | 86 | 51 | -  | 12.7 | -  | -  |

## FROG CABLE



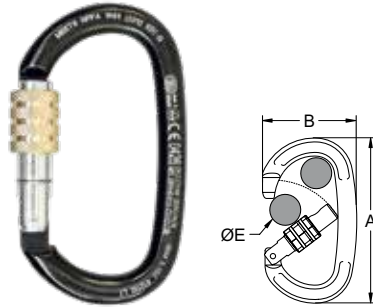
| #           | Size |   | Norm                           | Color |    |    |    |    | A  | B  | C  | D    | E  | F  |
|-------------|------|---|--------------------------------|-------|----|----|----|----|----|----|----|------|----|----|
|             |      |   |                                |       | kN | kN | kN | g  | mm | mm | mm | mm   | mm | mm |
| 7002NN400KK | -    | ✓ | CE EN 362/A/T<br>CE EN 12275/A |       | 25 | -  | -  | 50 | 89 | 51 | -  | 12.7 | -  | -  |

## OVALONE

- Oval connector with a wide opening. Ideal for heavy duty applications and for connection to structural anchors, lifelines, etc...
- Available in carbon steel, stainless steel and light aluminum alloy versions; with screw, auto block and twist lock sleeves in the standard version and also a high load ANSI certified version.
- Equipped with the Keylock system.

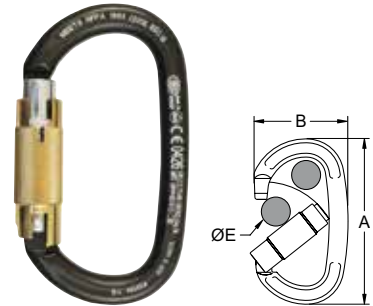
- Connettore ovale ad ampia apertura. Ideale per impieghi gravosi e per il collegamento ad ancoraggi strutturali, linee vita, ecc...
- Disponibile in acciaio al carbonio, acciaio inossidabile e lega leggera d'alluminio, con ghiera a vite, autoblock e twist lock standard e ad alto carico certificata ANSI.
- Dotato di sistema keylock.

### SCREW SLEEVE



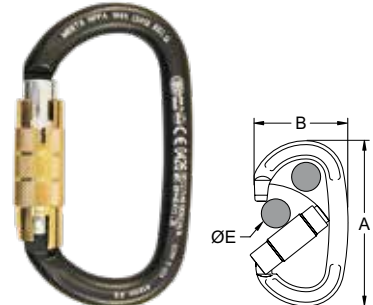
| #           | Size |   | Norm                             | Color |    |    |    |     | A   | B    | C  | D  | E  | F  |
|-------------|------|---|----------------------------------|-------|----|----|----|-----|-----|------|----|----|----|----|
|             |      |   |                                  |       |    |    |    |     | mm  | mm   | mm | mm | mm | mm |
| 412110ZL1KK | -    | ✓ | EN 12275<br>NFPA-G - CE EN 362/M |       | 40 | 15 | 12 | 205 | 110 | 62.6 | -  | -  | 20 | -  |

### AUTO BLOCK



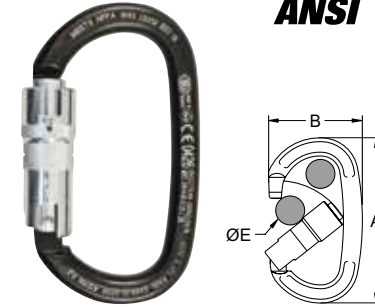
| #           | Size |   | Norm                             | Color |    |    |   |     | A   | B    | C  | D  | E  | F  |
|-------------|------|---|----------------------------------|-------|----|----|---|-----|-----|------|----|----|----|----|
|             |      |   |                                  |       |    |    |   |     | mm  | mm   | mm | mm | mm | mm |
| 412110ZYZKK | -    | ✓ | EN 12275<br>NFPA-G - CE EN 362/M |       | 40 | 15 | - | 210 | 110 | 62.6 | -  | -  | 20 | -  |

### TWIST LOCK



| #           | Size |   | Norm                             | Color |    |    |   |     | A   | B    | C  | D  | E  | F  |
|-------------|------|---|----------------------------------|-------|----|----|---|-----|-----|------|----|----|----|----|
|             |      |   |                                  |       |    |    |   |     | mm  | mm   | mm | mm | mm | mm |
| 412110ZZZKK | -    | ✓ | EN 12275<br>NFPA-G - CE EN 362/M |       | 40 | 15 | - | 210 | 110 | 62.6 | -  | -  | 20 | -  |

### ANSI - AUTO BLOCK



| #          | Size |   | Norm   | Color |    |    |   |     | A   | B    | C  | D  | E  | F  |
|------------|------|---|--|-------|----|----|---|-----|-----|------|----|----|----|----|
|            |      |   |  |       |    |    |   |     | mm  | mm   | mm | mm | mm | mm |
| 412110ZOKK | -    | ✓ | EN 12275<br>NFPA-G - CE EN 362/M<br>ANSI Z359.12 |       | 40 | 20 | - | 220 | 110 | 62.6 | -  | -  | 19 | -  |

### ANSI - TWIST LOCK



| #           | Size |   | Norm   | Color |    |    |   |     | A   | B    | C  | D  | E  | F  |
|-------------|------|---|--|-------|----|----|---|-----|-----|------|----|----|----|----|
|             |      |   |  |       |    |    |   |     | mm  | mm   | mm | mm | mm | mm |
| 412110ZTZKK | -    | ✓ | EN 12275<br>NFPA-G - CE EN 362/M<br>ANSI Z359.12 |       | 40 | 20 | - | 220 | 110 | 62.6 | -  | -  | 19 | -  |



## OVALONE DNA

- Special "helical shaped" connector with twisted body and circular section, a must when a "disaxed" load is required.
- It allows 90° rotation of any connected device (descenders, rope clamps, fall arresters, etc...), optimizing the operating condition.

- Speciale connettore "elicoidale" con corpo ritorto a sezione circolare, essenziale quando è richiesto un carico "disassato".
- Consente di ruotare di circa 90° qualsiasi dispositivo venga inserito (discensori, bloccanti, anticaduta, ecc...), ottimizzandone la condizione operativa.

### AUTO BLOCK



| #           | Size | Norm        | Color | ◀  | ▶  | ↻  | ⚙   | A   | B  | C  | D  | E  | F  |
|-------------|------|-------------|-------|----|----|----|-----|-----|----|----|----|----|----|
|             |      |             |       | kN | kN | kN | g   | mm  | mm | mm | mm | mm | mm |
| 414110ZYZKK | -    | CE EN 362/B |       | 40 | -  | -  | 215 | 108 | 63 | -  | -  | 19 | -  |

### TWIST LOCK



| #           | Size | Norm        | Color | ◀  | ▶  | ↻  | ⚙   | A   | B  | C  | D  | E  | F  |
|-------------|------|-------------|-------|----|----|----|-----|-----|----|----|----|----|----|
|             |      |             |       | kN | kN | kN | g   | mm  | mm | mm | mm | mm | mm |
| 414110ZZZKK | -    | CE EN 362/B |       | 40 | -  | -  | 215 | 108 | 63 | -  | -  | 19 | -  |

### ANSI - AUTO BLOCK **ANSI**



| #           | Size | Norm              | Color | ◀  | ▶  | ↻  | ⚙   | A   | B  | C  | D  | E  | F  |
|-------------|------|-------------------|-------|----|----|----|-----|-----|----|----|----|----|----|
|             |      |                   |       | kN | kN | kN | g   | mm  | mm | mm | mm | mm | mm |
| 414110ZOZKK | -    | ANSI/ASSE Z359.12 |       | 40 | 16 | 12 | 230 | 108 | 65 | -  | -  | 18 | -  |

### ANSI - TWIST LOCK **ANSI**



| #           | Size | Norm              | Color | ◀  | ▶  | ↻  | ⚙   | A   | B  | C  | D  | E  | F  |
|-------------|------|-------------------|-------|----|----|----|-----|-----|----|----|----|----|----|
|             |      |                   |       | kN | kN | kN | g   | mm  | mm | mm | mm | mm | mm |
| 414110TZZKK | -    | ANSI/ASSE Z359.12 |       | 40 | 16 | 12 | 230 | 108 | 65 | -  | -  | 18 | -  |

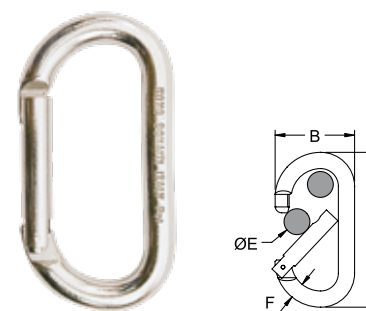


## OVAL CLASSIC

- Oval connector with a circular rod which makes it recommended for use with mobile devices (pulleys, blockers, fall arresters...).
- Equipped with a screw sleeve and suitable for professional applications.
- The Keylock system prevents any accidental entanglement in the rope or anchor point.

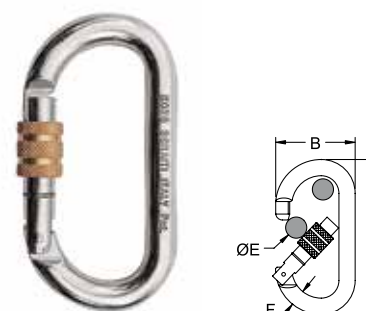
- Connettore ovale con corpo a sezione circolare che lo rende consigliato per l'utilizzo con dispositivi mobili (carrucole, bloccanti, anticaduta...).
- Dotato di ghiera a vite che lo rende utilizzabile anche per applicazioni professionali.
- Sistema keylock che evita qualunque impiglio accidentale della corda o nel punto di ancoraggio.

### STRAIGHT GATE



| #           | Size | Norm          | Color | ◀  | ▶  | ↻  | ⚙   | A     | B  | C  | D  | E  | F  |
|-------------|------|---------------|-------|----|----|----|-----|-------|----|----|----|----|----|
|             |      |               |       | kN | kN | kN | g   | mm    | mm | mm | mm | mm | mm |
| 463100Z00KK | 10   | CE EN 12275/X |       | 24 | 10 | 6  | 140 | 106.5 | 54 | -  | -  | 18 | 11 |

### SCREW SLEEVE



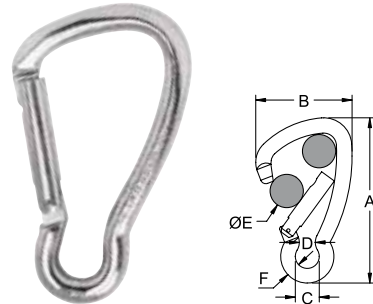
| #           | Size | Norm                       | Color | ◀  | ▶  | ↻  | ⚙   | A     | B  | C  | D  | E  | F  |
|-------------|------|----------------------------|-------|----|----|----|-----|-------|----|----|----|----|----|
|             |      |                            |       | kN | kN | kN | g   | mm    | mm | mm | mm | mm | mm |
| 462100ZC1KK | 10   | CE EN 12275<br>CE EN 362/B |       | 24 | 10 | 7  | 176 | 106.5 | 54 | -  | -  | 16 | 11 |

## HARNESS

- Asymmetric connector.
- Ideal, if made of aluminum, as a keyholder or for hanging small items from packs. If made of stainless steel, for yachting or, if made of carbon steel, for work.

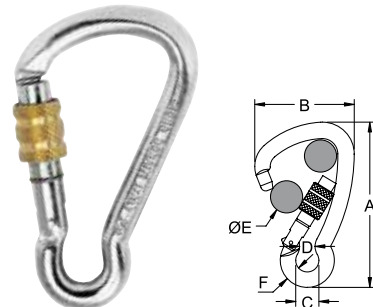
- Connettore asimmetrico.
- Ideale, se in alluminio, come portachiavi o per appendere piccoli oggetti allo zaino, se in inox, per uso nautico o, se in ferro, per uso sul lavoro.

### STRAIGHT GATE



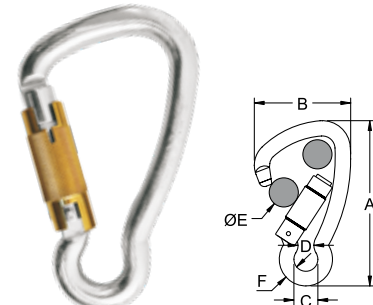
| #           | Size |   | Norm | Color |        |   |   |     | A    | B    | C    | D   | E  | F  |
|-------------|------|---|------|-------|--------|---|---|-----|------|------|------|-----|----|----|
| 435050Z00KK | 5    | - | -    |       | 150 kg | - | - | 17  | 52   | 33.5 | 7.5  | 5.5 | 9  | 5  |
| 435060Z00KK | 6    | - | -    |       | 150 kg | - | - | 31  | 65   | 41   | 8.5  | 7   | 12 | 6  |
| 435080Z00KK | 8    | - | -    |       | 9      | - | - | 74  | 85.5 | 52   | 12   | 9   | 18 | 8  |
| 435100Z00KK | 10   | - | -    |       | 17     | - | - | 141 | 101  | 60.5 | 13   | 10  | 19 | 10 |
| 435120Z00KK | 12   | - | -    |       | 22     | - | - | 206 | 124  | 72.5 | 17.5 | 14  | 25 | 11 |

### SCREW SLEEVE



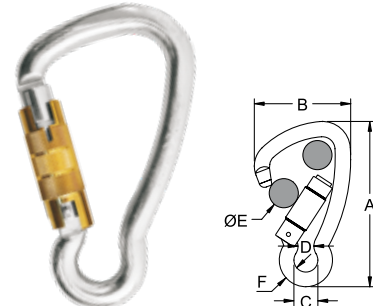
| #           | Size |   | Norm        | Color |    |   |   |     | A   | B    | C    | D    | E  | F  |
|-------------|------|---|-------------|-------|----|---|---|-----|-----|------|------|------|----|----|
| 436080ZC1KK | 8    | - | -           |       | 9  | - | - | 80  | 85  | 52   | 12   | 9    | 17 | 8  |
| 436100ZC1KK | 10   | - | -           |       | 17 | - | - | 152 | 102 | 60   | 13   | 10   | 17 | 10 |
| 436120ZC1KK | 12   | - | CE EN 362/B |       | 22 | 7 | - | 218 | 124 | 72.5 | 17.5 | 13.5 | 23 | 11 |

### AUTO BLOCK



| #           | Size |   | Norm        | Color |    |   |   |     | A   | B    | C    | D    | E  | F  |
|-------------|------|---|-------------|-------|----|---|---|-----|-----|------|------|------|----|----|
| 436120ZYZKK | 12   | - | CE EN 362/B |       | 22 | 7 | - | 240 | 124 | 72.5 | 17.5 | 13.5 | 22 | 11 |

### TWIST LOCK



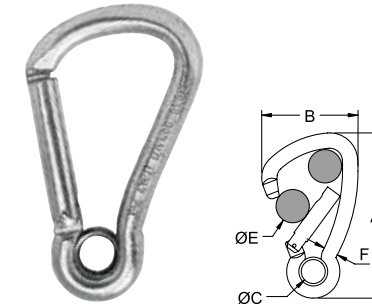
| #           | Size |   | Norm        | Color |    |   |   |     | A   | B    | C    | D    | E  | F  |
|-------------|------|---|-------------|-------|----|---|---|-----|-----|------|------|------|----|----|
| 436120ZZZKK | 12   | - | CE EN 362/B |       | 22 | 7 | - | 227 | 124 | 72.5 | 17.5 | 13.5 | 22 | 11 |

## HARNESS EYE

- Asymmetric connector with a straight gate and captive eye, available in different materials.

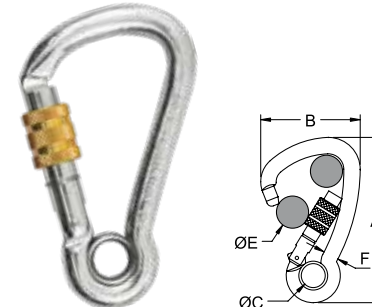
- Connettore asimmetrico con leva dritta e occhiolo, disponibile in diversi materiali.

### STRAIGHT GATE



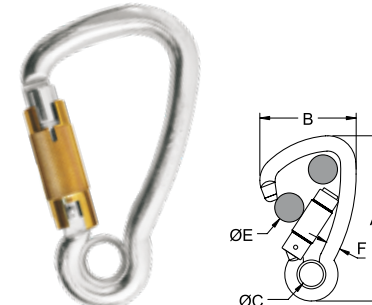
| #           | Size |   | Norm | Color |        |   |   |     | A    | B    | C   | D | E  | F  |
|-------------|------|---|------|-------|--------|---|---|-----|------|------|-----|---|----|----|
| 437050Z00KK | 5    | - | -    |       | 150 kg | - | - | 18  | 52.5 | 33   | 6   | - | 9  | 5  |
| 437060Z00KK | 6    | - | -    |       | 150 kg | - | - | 32  | 65   | 41   | 6.5 | - | 12 | 6  |
| 437080Z00KK | 8    | - | -    |       | 9      | - | - | 75  | 85.5 | 52.5 | 10  | - | 18 | 8  |
| 437100Z00KK | 10   | - | -    |       | 17     | - | - | 142 | 102  | 60   | 11  | - | 19 | 10 |
| 437120Z00KK | 12   | - | -    |       | 22     | - | - | 209 | 124  | 72.5 | 15  | - | 25 | 11 |

### SCREW SLEEVE



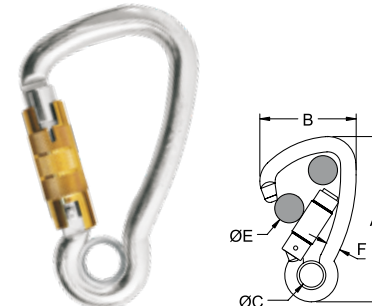
| #           | Size |   | Norm        | Color |    |   |   |     | A   | B    | C    | D | E  | F  |
|-------------|------|---|-------------|-------|----|---|---|-----|-----|------|------|---|----|----|
| 438080ZC1KK | 8    | - | -           |       | 9  | - | - | 83  | 85  | 52   | 10   | - | 15 | 8  |
| 438100ZC1KK | 10   | - | -           |       | 17 | - | - | 155 | 102 | 60   | 11   | - | 16 | 10 |
| 438120ZC1KK | 12   | - | CE EN 362/B |       | 22 | 7 | - | 221 | 124 | 72.5 | 14.5 | - | 23 | 11 |

### AUTO BLOCK



| #           | Size |   | Norm        | Color |    |   |   |     | A   | B    | C  | D | E  | F  |
|-------------|------|---|-------------|-------|----|---|---|-----|-----|------|----|---|----|----|
| 438120ZYZKK | 12   | - | CE EN 362/B |       | 22 | 7 | - | 243 | 124 | 72.5 | 15 | - | 22 | 11 |

### TWIST LOCK



| #           | Size |   | Norm        | Color |    |   |   |     | A   | B    | C  | D | E  | F  |
|-------------|------|---|-------------|-------|----|---|---|-----|-----|------|----|---|----|----|
| 438120ZZZKK | 12   | - | CE EN 362/B |       | 22 | 7 | - | 235 | 124 | 72.5 | 15 | - | 22 | 11 |

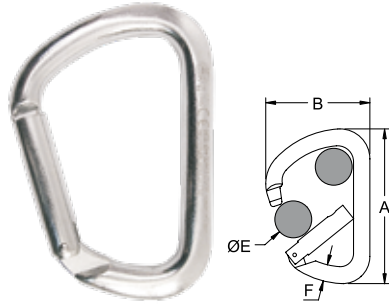


## X-LARGE

- Connector with a wide opening and high tensile strength. The D shape prevents connector rotation and allows the load to be weighted along the major axis.
- Available in different materials (alu alloy, carbon steel and stainless steel) and with different sleeves (screw, auto block and twist lock, plus a version conforming to the ANSI norm).
- Carbon steel version available with a special burnished finishing that allows greater visibility of the laser marking.

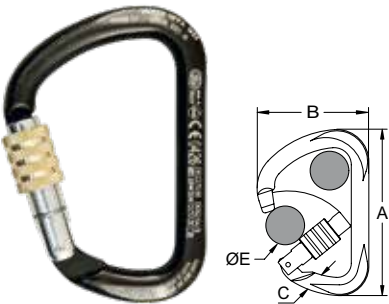
- Connettore con ampia apertura ed elevato carico di rottura. La forma a D evita la rotazione del connettore e permette di distribuire il carico lungo l'asse maggiore.
- Disponibile in differenti materiali (lega d'alluminio, acciaio al carbonio e acciaio inox) e con diverse ghiere (a vite, autoblock e twistlock anche in versione certificata ANSI)
- Nella versione in acciaio al carbonio è disponibile la speciale finitura brunita che permette una maggiore visibilità della marcatura.

### STRAIGHT GATE



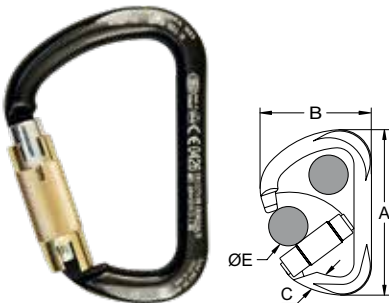
| #           | Size |   | Norm        | Color |    |    |    |     | A   | B  | C | D | E  | F  |
|-------------|------|---|-------------|-------|----|----|----|-----|-----|----|---|---|----|----|
| 410120Z00KK | -    | ✓ | CE EN 12275 |       | 50 | 13 | 20 | 235 | 113 | 77 | - | - | 28 | 12 |

### SCREW SLEEVE



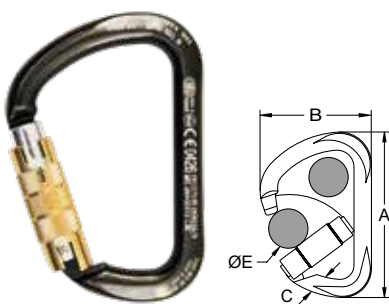
| #           | Size |   | Norm                                 | Color |    |    |    |     | A   | B    | C  | D | E    | F |
|-------------|------|---|--------------------------------------|-------|----|----|----|-----|-----|------|----|---|------|---|
| 411120ZL1KK | -    | ✓ | CE EN 12275<br>CE EN 362/B<br>NFPA-G |       | 50 | 13 | 20 | 240 | 114 | 76.5 | 12 | - | 26.5 | - |

### AUTO BLOCK



| #           | Size |   | Norm                                 | Color |    |    |   |     | A   | B    | C  | D | E  | F |
|-------------|------|---|--------------------------------------|-------|----|----|---|-----|-----|------|----|---|----|---|
| 411120ZYZKK | -    | ✓ | CE EN 12275<br>CE EN 362/B<br>NFPA-G |       | 50 | 15 | - | 240 | 114 | 76.5 | 12 | - | 26 | - |

### TWIST LOCK



| #           | Size |   | Norm                                 | Color |    |    |   |     | A   | B    | C  | D | E  | F |
|-------------|------|---|--------------------------------------|-------|----|----|---|-----|-----|------|----|---|----|---|
| 411120ZZZKK | -    | ✓ | CE EN 12275<br>CE EN 362/B<br>NFPA-G |       | 50 | 13 | - | 240 | 114 | 76.5 | 12 | - | 26 | - |

### ANSI - AUTO BLOCK



| #           | Size |   | Norm   | Color |    |    |   |     | A   | B    | C  | D | E  | F |
|-------------|------|---|--|-------|----|----|---|-----|-----|------|----|---|----|---|
| 411120Z0ZKK | -    | ✓ | CE EN 12275<br>CE EN 362/M - NFPA-G<br>ANSI 359.12 |       | 50 | 20 | - | 265 | 114 | 76.5 | 12 | - | 25 | - |

### ANSI - TWIST LOCK



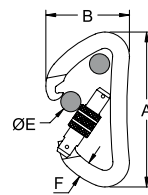
| #           | Size |   | Norm   | Color |    |    |   |     | A   | B    | C  | D | E  | F |
|-------------|------|---|--|-------|----|----|---|-----|-----|------|----|---|----|---|
| 411120ZTZKK | -    | ✓ | CE EN 12275<br>CE EN 362/M - NFPA-G<br>ANSI 359.12 |       | 50 | 20 | - | 265 | 114 | 76.5 | 12 | - | 25 | - |

## HEAVY DUTY PLUS

- High tensile strength connector with a screw gate.
- Heavy Duty Plus is the connector with the highest strength in our production range, with 60 kN (carbon steel version) on the major axis!
- The particular D shape prevents connector rotation and allows most of the load to be weighted along the major axis.
- Equipped with a screw sleeve which makes it perfect for professional applications.

- Connettore ad alto carico con ghiera a vite.
- Heavy Duty Plus è il connettore con la più alta tenuta di carico della nostra produzione, ben 60 kN (versione in acciaio) e sull'asse maggiore!
- La particolare forma a D evita la rotazione del connettore e permette di ripartire maggiormente il carico lungo l'asse più robusto.
- Dotato di ghiera a vite che lo rende perfetto per tutte le applicazioni professionali.

**SCREW SLEEVE** **The strongest connector.**  
Il più resistente.



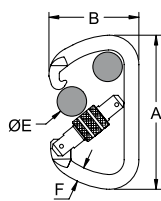
| #           | Size |   | Norm                       | Color |    |    |    |     | A   | B  | C  | D  | E    | F  |
|-------------|------|---|----------------------------|-------|----|----|----|-----|-----|----|----|----|------|----|
|             |      |   |                            |       | kN | kN | kN | g   | mm  | mm | mm | mm | mm   | mm |
| 472120ZC1KK | 12   | ✓ | CE EN 12275<br>CE EN 362/M |       | 60 | 15 | 25 | 232 | 120 | 64 | -  | -  | 16.5 | 11 |

## "D" STRONG

- Tempered steel oval connector with a slightly asymmetrical body and circular rod which makes it recommended for use with mobile devices (pulleys, blockers, fall arresters...).
- The special surface finishing makes it incredibly durable. 42 kN on the major axis!
- Equipped with a screw sleeve which makes it perfect for professional applications.

- Connettore ovale in acciaio temprato con corpo leggermente asimmetrico a sezione circolare che lo rende consigliato per l'utilizzo con dispositivi mobili (carrucole, bloccanti, anticaduta...).
- Lo speciale trattamento superficiale lo rende incredibilmente resistente, ben 42 kN sull'asse maggiore!
- Dotato di ghiera a vite che lo rende perfetto per tutte le applicazioni professionali.

**SCREW SLEEVE**



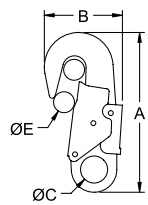
| #           | Size |   | Norm                       | Color |    |    |    |     | A     | B  | C  | D  | E  | F  |
|-------------|------|---|----------------------------|-------|----|----|----|-----|-------|----|----|----|----|----|
|             |      |   |                            |       | kN | kN | kN | g   | mm    | mm | mm | mm | mm | mm |
| 465100ZC1KK | 10   | ✓ | CE EN 12275<br>CE EN 362/M |       | 42 | 15 | 11 | 168 | 104.5 | 59 | -  | -  | 21 | 10 |

## DOUBLE GATE

- Carbon steel double gate connector for use in work protection systems.

- Connettore in acciaio al carbonio, ideale per uso in ambiente di lavoro, industria, edilizia; utile per costruire sistemi di protezione/arresto caduta / posizionamento.

**DOUBLE GATE**



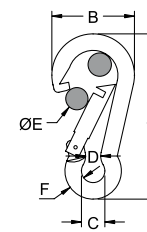
| #           | Size |   | Norm        | Color |    |    |    |     | A     | B    | C    | D  | E  | F  |
|-------------|------|---|-------------|-------|----|----|----|-----|-------|------|------|----|----|----|
|             |      |   |             |       | kN | kN | kN | g   | mm    | mm   | mm   | mm | mm | mm |
| 416130ZX1KK | 12   | - | CE EN 362/B |       | 24 | -  | -  | 230 | 128.5 | 54.5 | 21.5 | -  | 17 | -  |

## CLASSIC

- Classical symmetric connector made of carbon steel, with a dovetail locking system.
- Available in 10 sizes.

- Connettore classico simmetrico, realizzato in acciaio al carbonio, con chiusura a coda di rondine.
- Disponibile in 10 misure.

**STRAIGHT GATE**



| #           | Size |   | Norm | Color |    |    |    |     | A    | B    | C    | D    | E    | F  |
|-------------|------|---|------|-------|----|----|----|-----|------|------|------|------|------|----|
|             |      |   |      |       | kN | kN | kN | g   | mm   | mm   | mm   | mm   | mm   | mm |
| 401040Z00XK | 4    | - | -    |       | -  | -  | -  | 8   | 42   | 20   | 6    | 5.5  | 6    | 4  |
| 401050Z00XK | 5    | - | -    |       | -  | -  | -  | 15  | 51.5 | 24.5 | 8    | 6.5  | 7    | 5  |
| 401060Z00XK | 6    | - | -    |       | -  | -  | -  | 25  | 59.5 | 29.5 | 9    | 8    | 8    | 6  |
| 401070Z00XK | 7    | - | -    |       | -  | -  | -  | 41  | 70   | 34   | 11.5 | 10   | 9    | 7  |
| 401080Z00XK | 8    | - | -    |       | -  | -  | -  | 62  | 82   | 39.5 | 12   | 9.5  | 11   | 8  |
| 401090Z00XK | 9    | - | -    |       | -  | -  | -  | 92  | 90.5 | 45   | 13.5 | 10   | 12   | 9  |
| 401100Z00XK | 10   | - | -    |       | -  | -  | -  | 125 | 102  | 50.5 | 16.5 | 11   | 15   | 10 |
| 401120Z00XK | 12   | - | -    |       | -  | -  | -  | 179 | 120  | 56   | 18   | 14   | 16   | 11 |
| 401140Z00XK | 14   | - | -    |       | -  | -  | -  | 247 | 140  | 66.5 | 20   | 13.5 | 21.5 | 12 |
| 401160Z00XK | 16   | - | -    |       | -  | -  | -  | 340 | 160  | 79   | 22   | 16.5 | 28   | 13 |

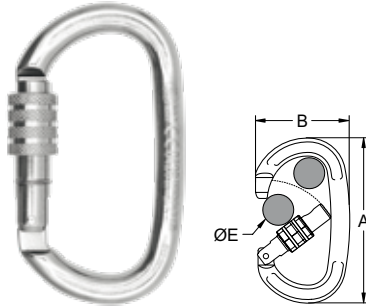


## OVALONE

- Oval connector with a wide opening. Ideal for heavy duty applications and for connection to structural anchors, lifelines, etc...
- Available in carbon steel, stainless steel and light aluminum alloy versions; with screw, auto block and twist lock sleeves in the standard version and also a high load ANSI certified version.
- Equipped with the Keylock system.

- Connettore ovale ad ampia apertura. Ideale per impieghi gravosi e per il collegamento ad ancoraggi strutturali, linee vita, ecc...
- Disponibile in acciaio al carbonio, acciaio inossidabile e lega leggera d'alluminio, con ghiera a vite, autoblock e twist lock standard e ad alto carico certificata ANSI.
- Dotato di sistema keylock.

### SCREW SLEEVE



| #           | Size |   | Norm        | Color |    |    |    |     | A   | B  | C  | D  | E  | F  |
|-------------|------|---|-------------|-------|----|----|----|-----|-----|----|----|----|----|----|
|             |      |   |             |       | kN | kN | kN | g   | mm  | mm | mm | mm | mm | mm |
| 5121100L3KK | -    | ✓ | CE EN 362/B |       | 27 | -  | -  | 215 | 110 | 62 | -  | -  | 21 | -  |

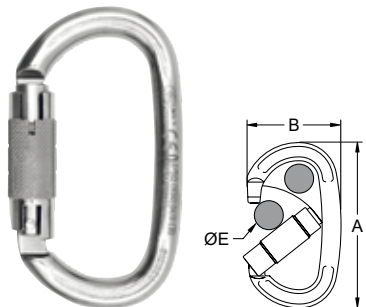
### ANSI - AUTO BLOCK

**ANSI**



| #           | Size |   | Norm                       | Color |    |    |    |     | A   | B  | C  | D  | E  | F  |
|-------------|------|---|----------------------------|-------|----|----|----|-----|-----|----|----|----|----|----|
|             |      |   |                            |       | kN | kN | kN | g   | mm  | mm | mm | mm | mm | mm |
| 5121100K1KK | -    | ✓ | CE EN 362/M<br>ANSI 359.12 |       | 27 | -  | -  | 240 | 110 | 62 | -  | -  | 19 | -  |

### AUTO BLOCK



| #           | Size |   | Norm        | Color |    |    |    |     | A   | B  | C  | D  | E  | F  |
|-------------|------|---|-------------|-------|----|----|----|-----|-----|----|----|----|----|----|
|             |      |   |             |       | kN | kN | kN | g   | mm  | mm | mm | mm | mm | mm |
| 5121100Y3KK | -    | ✓ | CE EN 362/B |       | 27 | -  | -  | 230 | 110 | 62 | -  | -  | 21 | -  |

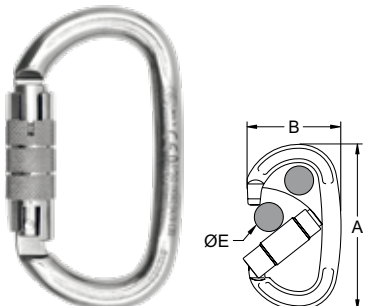
### ANSI - TWIST LOCK

**ANSI**



| #           | Size |   | Norm                       | Color |    |    |    |     | A   | B  | C  | D  | E  | F  |
|-------------|------|---|----------------------------|-------|----|----|----|-----|-----|----|----|----|----|----|
|             |      |   |                            |       | kN | kN | kN | g   | mm  | mm | mm | mm | mm | mm |
| 5121100I1KK | -    | ✓ | CE EN 362/M<br>ANSI 359.12 |       | 27 | -  | -  | 240 | 110 | 62 | -  | -  | 19 | -  |

### TWIST LOCK



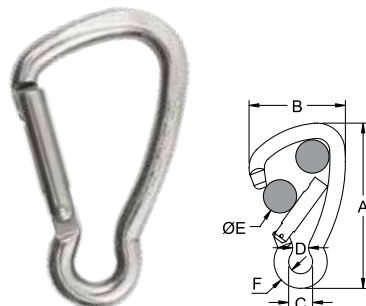
| #           | Size |   | Norm        | Color |    |    |    |     | A   | B  | C  | D  | E  | F  |
|-------------|------|---|-------------|-------|----|----|----|-----|-----|----|----|----|----|----|
|             |      |   |             |       | kN | kN | kN | g   | mm  | mm | mm | mm | mm | mm |
| 5121100Z3KK | -    | ✓ | CE EN 362/B |       | 27 | -  | -  | 230 | 110 | 62 | -  | -  | 21 | -  |

## HARNESS

- Asymmetric connector, wide opening, higher load compared to traditional symmetric connectors.
- Ideal, if made of aluminum, as a keyholder or for hanging small items from packs. If made of stainless steel, for yachting or, if made of carbon steel, for work.

- Connettore asimmetrico, ampia apertura, carico superiore rispetto ai tradizionali connettori simmetrici.
- Ideale, se in alluminio, come portachiavi o per appendere piccoli oggetti allo zaino, se in inox, per uso nautico o, se in ferro, per uso sul lavoro.

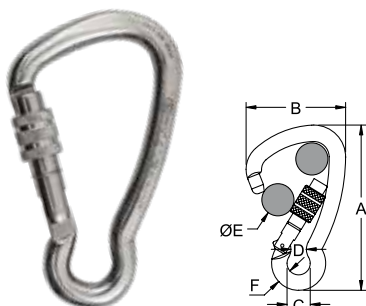
### STRAIGHT GATE



| #            | Size |   | Norm | Color |     |    |   |     | A     | B    | C    | D    | E  | F  |
|--------------|------|---|------|-------|-----|----|---|-----|-------|------|------|------|----|----|
| 535050000KK  | 5    | - | -    |       | 350 | kg | - | 18  | 53    | 33.5 | 8    | 5    | 11 | 5  |
| 53505BB04KK* | 5    | - | -    |       | 350 | kg | - | 18  | 53    | 33.5 | 8    | 5    | 11 | 5  |
| 535060000KK  | 6    | - | -    |       | 500 | kg | - | 32  | 65    | 41   | 8.5  | 7    | 14 | 6  |
| 53506BB04KK* | 6    | - | -    |       | 500 | kg | - | 32  | 65    | 41   | 8.5  | 7    | 14 | 6  |
| 535080000KK  | 8    | - | -    |       | 15  | -  | - | 76  | 85.5  | 51.5 | 12   | 9    | 17 | 8  |
| 53508BB04KK* | 8    | - | -    |       | 15  | -  | - | 76  | 85.5  | 51.5 | 12   | 9    | 17 | 8  |
| 535100000KK  | 10   | - | -    |       | 22  | -  | - | 145 | 101.5 | 60   | 13.5 | 10.5 | 18 | 10 |
| 53510BB04KK* | 10   | - | -    |       | 22  | -  | - | 145 | 101.5 | 60   | 13.5 | 10.5 | 18 | 10 |
| 535120000KK  | 12   | - | -    |       | 28  | -  | - | 212 | 124   | 73   | 17   | 13.5 | 26 | 11 |
| 53512BB04KK* | 12   | - | -    |       | 28  | -  | - | 212 | 124   | 73   | 17   | 13.5 | 26 | 11 |
| 535200000KK  | 20   | - | -    |       | 24  | -  | - | 518 | 206.5 | 132  | 30   | 25   | 56 | 13 |

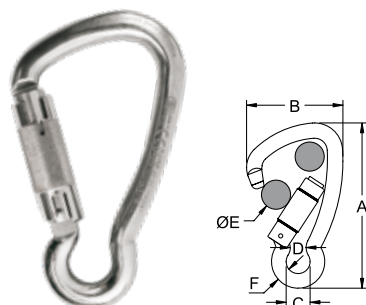
\* On request / Su richiesta

### SCREW SLEEVE



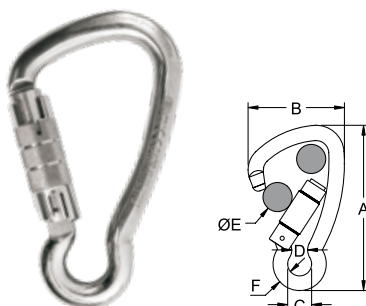
| #           | Size |   | Norm        | Color |    |   |   |     | A     | B    | C    | D   | E  | F  |
|-------------|------|---|-------------|-------|----|---|---|-----|-------|------|------|-----|----|----|
| 5360800C3KK | 8    | - | -           |       | 15 | - | - | 82  | 85.5  | 51.5 | 12   | 9.5 | 16 | 8  |
| 5360800J1KK | 8    | - | -           |       | 15 | - | - | 82  | 86    | 52.5 | 12   | 9.5 | 16 | 8  |
| 5361000C3KK | 10   | - | CE EN 362/B |       | 22 | 7 | - | 157 | 102.5 | 60   | 13   | 11  | 16 | 10 |
| 5361000J1KK | 10   | - | CE EN 362/B |       | 22 | 7 | - | 150 | 103.5 | 61   | 13.5 | 11  | 16 | 10 |
| 5361200C3KK | 12   | - | CE EN 362/B |       | 28 | 7 | - | 225 | 124   | 72.5 | 17   | 14  | 22 | 11 |

### AUTO BLOCK



| #           | Size |   | Norm        | Color |    |   |   |     | A   | B  | C    | D    | E  | F  |
|-------------|------|---|-------------|-------|----|---|---|-----|-----|----|------|------|----|----|
| 5361200Y3KK | 12   | - | CE EN 362/B |       | 28 | 7 | - | 246 | 125 | 73 | 17.5 | 13.5 | 22 | 11 |

### TWIST LOCK



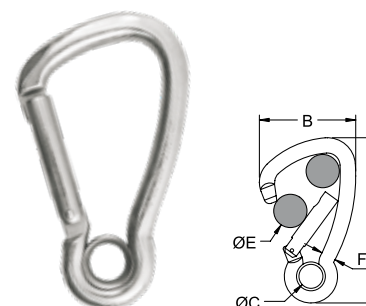
| #           | Size |   | Norm        | Color |    |   |   |     | A   | B    | C  | D  | E  | F  |
|-------------|------|---|-------------|-------|----|---|---|-----|-----|------|----|----|----|----|
| 5361200Z3KK | 12   | - | CE EN 362/B |       | 28 | 7 | - | 243 | 124 | 72.5 | 17 | 14 | 22 | 11 |

## HARNESS EYE

- Asymmetric connector with a straight gate and captive eye, available in different materials.

- Connettore asimmetrico con leva dritta e occhiolo, disponibile in diversi materiali.

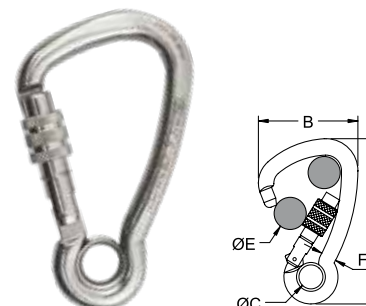
### STRAIGHT GATE



| #            | Size |   | Norm | Color |     |    |   |     | A     | B    | C    | D | E  | F  |
|--------------|------|---|------|-------|-----|----|---|-----|-------|------|------|---|----|----|
| 537050000KK  | 5    | - | -    |       | 350 | kg | - | 18  | 53    | 33.5 | 7    | - | 11 | 5  |
| 53705BB04KK* | 5    | - | -    |       | 350 | kg | - | 18  | 53    | 33.5 | 7    | - | 11 | 5  |
| 537060000KK  | 6    | - | -    |       | 500 | kg | - | 33  | 65    | 41.5 | 7.5  | - | 14 | 6  |
| 53706BB04KK* | 6    | - | -    |       | 500 | kg | - | 33  | 65    | 41.5 | 7.5  | - | 14 | 6  |
| 537080000KK  | 8    | - | -    |       | 15  | -  | - | 78  | 86    | 52.5 | 9.5  | - | 17 | 8  |
| 53708BB04KK* | 8    | - | -    |       | 15  | -  | - | 78  | 86    | 52.5 | 9.5  | - | 17 | 8  |
| 537100000KK  | 10   | - | -    |       | 22  | -  | - | 147 | 102.5 | 60   | 11.5 | - | 18 | 10 |
| 53710BB04KK* | 10   | - | -    |       | 22  | -  | - | 147 | 102.5 | 60   | 11.5 | - | 18 | 10 |
| 537120000KK  | 12   | - | -    |       | 28  | -  | - | 215 | 124   | 73   | 15.5 | - | 26 | 11 |
| 53712BB04KK* | 12   | - | -    |       | 28  | -  | - | 215 | 124   | 73   | 15.5 | - | 26 | 11 |
| 537200000KK  | 20   | - | -    |       | 24  | -  | - | 509 | 209   | 129  | 30   | - | 56 | 13 |

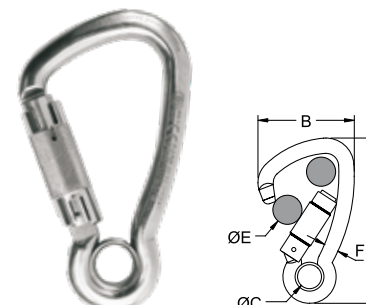
\* On request / Su richiesta

### SCREW SLEEVE



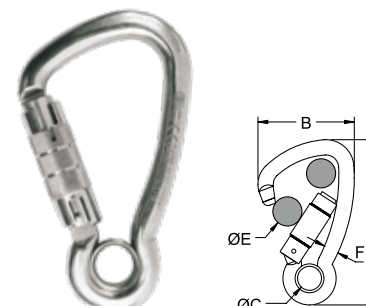
| #           | Size |   | Norm        | Color |    |   |   |     | A    | B    | C    | D | E  | F  |
|-------------|------|---|-------------|-------|----|---|---|-----|------|------|------|---|----|----|
| 5380800C3KK | 8    | - | -           |       | 15 | - | - | 82  | 85.5 | 52.5 | 10   | - | 16 | 8  |
| 5381000C3KK | 10   | - | CE EN 362/B |       | 22 | - | - | 158 | 102  | 60   | 11.5 | - | 16 | 10 |
| 5381000DBKK | 10   | - | CE EN 362/B |       | 22 | 7 | - | 159 | 102  | 60   | 13.5 | - | 16 | 10 |
| 5381200C3KK | 12   | - | CE EN 362/B |       | 28 | 7 | - | 229 | 124  | 72.5 | 15.5 | - | 22 | 11 |

### AUTO BLOCK



| #           | Size |   | Norm        | Color |    |   |   |     | A   | B    | C    | D | E  | F  |
|-------------|------|---|-------------|-------|----|---|---|-----|-----|------|------|---|----|----|
| 5381200Y3KK | 12   | - | CE EN 362/B |       | 28 | 7 | - | 248 | 124 | 72.5 | 15.5 | - | 22 | 11 |

### TWIST LOCK



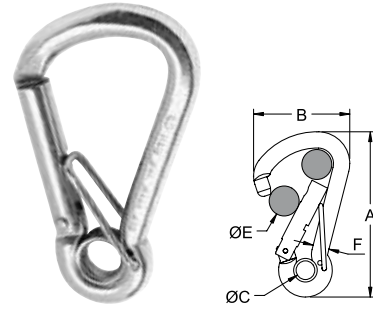
| #           | Size |   | Norm        | Color |    |   |   |     | A   | B    | C    | D | E  | F  |
|-------------|------|---|-------------|-------|----|---|---|-----|-----|------|------|---|----|----|
| 5381200Z3KK | 12   | - | CE EN 362/B |       | 28 | 7 | - | 246 | 124 | 72.5 | 15.5 | - | 22 | 11 |



## HARNESS SAFETY GATE

- Stainless steel connector with a straight gate, captive eye and safety wire gate.
- Connettore in acciaio inox, leva dritta, occhiolo e leva a filo di sicurezza.

### STRAIGHT GATE AND WIRE GATE

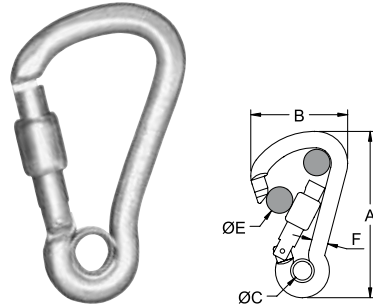


| #           | Size | Norm        | Color | ◀  | ◆  | ↻  | ▲   | A   | B  | C  | D  | E  | F  |
|-------------|------|-------------|-------|----|----|----|-----|-----|----|----|----|----|----|
|             |      |             |       | kN | kN | kN | g   | mm  | mm | mm | mm | mm | mm |
| 5381000F1KK | 10   | CE EN 362/B |       | 22 | 7  | -  | 149 | 102 | 60 | 11 | -  | 18 | 10 |

## HARNESS EXPRESS EYE

- Stainless steel connector with an express sleeve and captive eyelet.
- Connettore in acciaio inox, ghiera express e occhiolo.

### EXPRESS SLEEVE



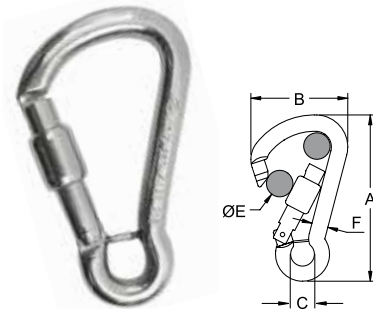
| #            | Size | Norm        | Color | ◀  | ◆  | ↻  | ▲   | A   | B  | C  | D  | E  | F  |
|--------------|------|-------------|-------|----|----|----|-----|-----|----|----|----|----|----|
|              |      |             |       | kN | kN | kN | g   | mm  | mm | mm | mm | mm | mm |
| 5381000J1KK* | 10   | CE EN 362/B |       | 22 | 7  | -  | 157 | 102 | 60 | 11 | -  | 17 | 10 |

\* On request / Su richiesta

## HARNESS EXPRESS BAR

- Stainless steel connector, express sleeve, with molded bar.
- Connettore in acciaio inox, ghiera express e barretta saldata.

### EXPRESS SLEEVE



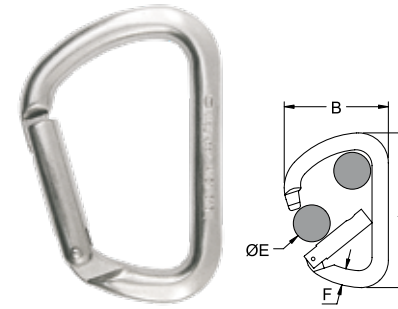
| #            | Size | Norm        | Color | ◀  | ◆  | ↻  | ▲   | A     | B  | C  | D  | E  | F  |
|--------------|------|-------------|-------|----|----|----|-----|-------|----|----|----|----|----|
|              |      |             |       | kN | kN | kN | g   | mm    | mm | mm | mm | mm | mm |
| 536100BJ1KK* | 10   | CE EN 362/B |       | 22 | 7  | -  | 151 | 102.5 | 61 | 13 | -  | 17 | 10 |

\* On request / Su richiesta

## "X" LARGE

- Connector with a wide opening and high tensile strength. The D shape prevents connector rotation and allows the load to be weighted along the major axis.
- Available in different materials (alu alloy, carbon steel and stainless steel) and with different sleeves (screw, auto block and twist lock, plus a version conforming to the ANSI norm).
- Carbon steel version available with a special burnished finishing that allows greater visibility of the laser marking.
- Connettore con ampia apertura ed elevato carico di rottura. La forma a D evita la rotazione del connettore e permette di distribuire il carico lungo l'asse maggiore.
- Disponibile in differenti materiali (lega d'alluminio, acciaio al carbonio e acciaio inox) e con diverse ghiera (a vite, autoblock e twistlock anche in versione certificata ANSI)
- Nella versione in acciaio al carbonio è disponibile la speciale finitura brunita che permette una maggiore visibilità della marcatura.

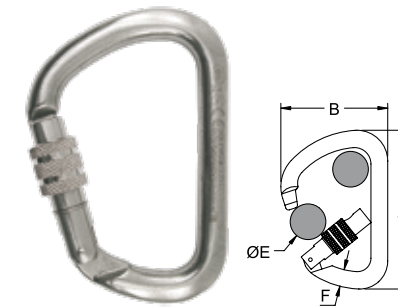
### STRAIGHT GATE



| #            | Size | Norm | Color | ◀  | ◆  | ↻  | ▲   | A   | B  | C  | D  | E  | F  |
|--------------|------|------|-------|----|----|----|-----|-----|----|----|----|----|----|
|              |      |      |       | kN | kN | kN | g   | mm  | mm | mm | mm | mm | mm |
| 510120000KK  | 12   | -    |       | 35 | 11 | 7  | 239 | 114 | 77 | -  | -  | 28 | 12 |
| 51012BB04KK* | 12   | -    |       | 35 | 11 | 7  | 239 | 114 | 77 | -  | -  | 28 | 12 |

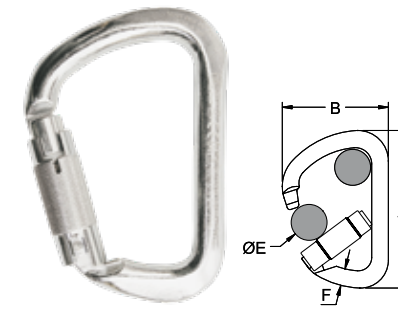
\* On request / Su richiesta

### SCREW SLEEVE



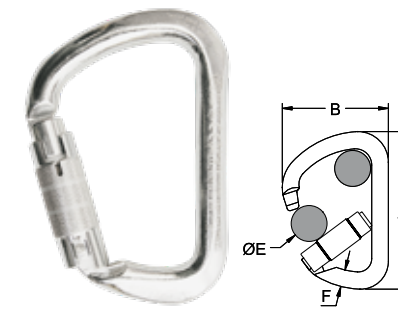
| #           | Size | Norm        | Color | ◀  | ◆  | ↻  | ▲   | A   | B  | C  | D  | E  | F  |
|-------------|------|-------------|-------|----|----|----|-----|-----|----|----|----|----|----|
|             |      |             |       | kN | kN | kN | g   | mm  | mm | mm | mm | mm | mm |
| 5111200L3KK | 12   | CE EN 362/B |       | 35 | 11 | 7  | 255 | 114 | 77 | -  | -  | 27 | 12 |

### AUTO BLOCK



| #           | Size | Norm        | Color | ◀  | ◆  | ↻  | ▲   | A   | B  | C  | D  | E  | F  |
|-------------|------|-------------|-------|----|----|----|-----|-----|----|----|----|----|----|
|             |      |             |       | kN | kN | kN | g   | mm  | mm | mm | mm | mm | mm |
| 5111200Y3KK | 12   | CE EN 362/B |       | 35 | 11 | -  | 263 | 114 | 77 | -  | 27 | 12 | 11 |

### TWIST LOCK



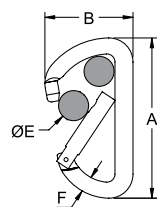
| #           | Size | Norm        | Color | ◀  | ◆  | ↻  | ▲   | A   | B  | C  | D  | E  | F  |
|-------------|------|-------------|-------|----|----|----|-----|-----|----|----|----|----|----|
|             |      |             |       | kN | kN | kN | g   | mm  | mm | mm | mm | mm | mm |
| 5111200Z3KK | 12   | CE EN 362/B |       | 35 | 11 | -  | 263 | 114 | 77 | -  | -  | 27 | 12 |

## INDOOR

- Stainless steel connector with a straight gate and Keylock system.

- Connettore in acciaio inox con leva dritta e sistema Keylock.

### STRAIGHT GATE KEYLOCK



| #            | Size |   | Norm | Color |    |    |    |     | A     | B  | C | D | E  | F  |
|--------------|------|---|------|-------|----|----|----|-----|-------|----|---|---|----|----|
| 56408000KK   | 8    | - | -    |       | 16 | -  | -  | 71  | 80.5  | 45 | - | - | 12 | 8  |
| 56408BB04KK* | 8    | - | -    |       | 16 | -  | -  | 71  | 80.5  | 45 | - | - | 12 | 8  |
| 56410000KK   | 10   | - | -    |       | 24 | 7  | 8  | 142 | 100   | 57 | - | - | 18 | 10 |
| 56410BB04KK* | 10   | - | -    |       | 24 | 7  | 8  | 142 | 100   | 57 | - | - | 18 | 10 |
| 56412000KK   | 12   | - | -    |       | 44 | 10 | 18 | 228 | 120.5 | 64 | - | - | 18 | 12 |

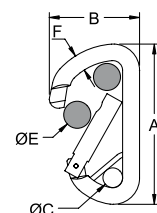
\* On request / Su richiesta

## INDOOR BAR

- Stainless steel connector with a straight gate.  
 - Captive pin for perfect rope positioning.  
 - Keylock system for snag-free clipping and cleaning.

- Connettore in acciaio inox con leva dritta.  
 - Dotato di barretta fermacorda.  
 - Sistema Keylock.

### STRAIGHT GATE KEYLOCK



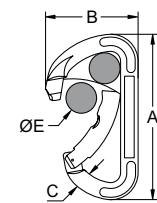
| #          | Size |   | Norm | Color |    |   |   |     | A    | B    | C  | D | E  | F  |
|------------|------|---|------|-------|----|---|---|-----|------|------|----|---|----|----|
| 56708000KK | 8    | - | -    |       | 16 | - | - | 72  | 80.5 | 44.5 | 10 | - | 15 | 8  |
| 56710000KK | 10   | - | -    |       | 24 | 7 | 8 | 140 | 100  | 57.5 | 13 | - | 18 | 10 |

## INDOOR

- Hybrid connector with a stainless steel body and aluminum gate.  
 - Designed for use on fixed quickdraws in indoor gyms. The curved gate ensures fast clipping. The use of stainless steel reduces wear over time.

- Connettore ibrido corpo inox/leva alluminio.  
 - Progettato per l'utilizzo sui rinvii fissi nelle palestre indoor. La forma curva della leva garantisce un rapido moschettonaggio della corda. L'utilizzo dell'acciaio inox riduce notevolmente l'usura nel tempo.

### BENT GATE KEYLOCK



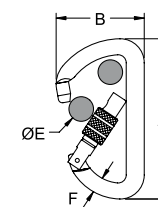
| #           | Size |   | Norm        | Color |    |    |    |     | A  | B  | C  | D | E  | F |
|-------------|------|---|-------------|-------|----|----|----|-----|----|----|----|---|----|---|
| 5240R0200KK | -    | ✓ | CE EN 12275 |       | 25 | 10 | 10 | 127 | 99 | 56 | 10 | - | 19 | - |

## INDOOR

- High tensile strength stainless steel carabiner with screw gate.  
 - The particular D shape prevents the rotation of the hook and allows distribution of most of the load along the stronger axis.

- Moschettone ad alto carico realizzato in acciaio inox e dotato di ghiera a vite.  
 - La particolare forma a D evita la rotazione del moschettone e permette di ripartire maggiormente il carico lungo l'asse più robusto.

### SCREW SLEEVE KEYLOCK



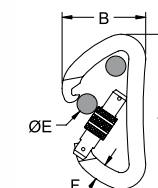
| #           | Size |   | Norm | Color |    |   |   |     | A     | B    | C | D | E  | F  |
|-------------|------|---|------|-------|----|---|---|-----|-------|------|---|---|----|----|
| 5661000C3KK | 10   | - | -    |       | 24 | 7 | 8 | 153 | 100.5 | 57.5 | - | - | 15 | 10 |

## HEAVY DUTY

- High tensile strength stainless steel connector with a screw gate.  
 - The particular D shape prevents connector rotation and allows most of the load to be weighted along the major axis.  
 - Equipped with a screw sleeve which makes it perfect for professional applications.

- Connettore ad alto carico realizzato in acciaio inossidabile e dotato di ghiera a vite.  
 - La particolare forma a D evita la rotazione del connettore e permette di ripartire maggiormente il carico lungo l'asse più robusto.  
 - Dotato di ghiera a vite che lo rende perfetto per tutte le applicazioni professionali.

### SCREW SLEEVE KEYLOCK



| #           | Size |   | Norm | Color |    |    |    |     | A     | B    | C | D | E  | F  |
|-------------|------|---|------|-------|----|----|----|-----|-------|------|---|---|----|----|
| 5721200C3KK | 12   | - | -    |       | 44 | 10 | 18 | 244 | 120.5 | 62.5 | - | - | 15 | 12 |

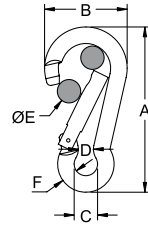


## CLASSIC

- Stainless steel connector with a straight gate.

- Connettore in acciaio inox, leva dritta.

### STRAIGHT GATE



| #            | Size |   | Norm | Color |        |    |    |     | A     | B    | C    | D    | E  | F  |
|--------------|------|---|------|-------|--------|----|----|-----|-------|------|------|------|----|----|
|              |      |   |      |       | kN     | kN | kN | g   | mm    | mm   | mm   | mm   | mm | mm |
| 555050000KK  | 5    | - | -    |       | 120 kg | -  | -  | 16  | 51    | 25   | 8.5  | 5    | 7  | 5  |
| 55505BB04KK* | 5    | - | -    |       | 120 kg | -  | -  | 16  | 51    | 25   | 8.5  | 5    | 7  | 5  |
| 555060000KK  | 6    | - | -    |       | 120 kg | -  | -  | 28  | 60.5  | 30.5 | 8.5  | 6    | 8  | 6  |
| 55506BB04KK* | 6    | - | -    |       | 120 kg | -  | -  | 28  | 60.5  | 30.5 | 8.5  | 6    | 8  | 6  |
| 555070000KK  | 7    | - | -    |       | 180 kg | -  | -  | 46  | 72.5  | 34   | 11   | 8.5  | 10 | 7  |
| 55507BB04KK* | 7    | - | -    |       | 180 kg | -  | -  | 46  | 72.5  | 34   | 11   | 8.5  | 10 | 7  |
| 555080000KK  | 8    | - | -    |       | 8      | -  | -  | 66  | 80    | 39   | 12   | 9.5  | 10 | 8  |
| 55508BB04KK* | 8    | - | -    |       | 8      | -  | -  | 66  | 80    | 39   | 12   | 9.5  | 10 | 8  |
| 555100000KK  | 10   | - | -    |       | 12     | -  | -  | 131 | 100   | 49   | 13   | 10   | 15 | 10 |
| 55510BB04KK* | 10   | - | -    |       | 12     | -  | -  | 131 | 100   | 49   | 13   | 10   | 15 | 10 |
| 555120000KK  | 12   | - | -    |       | 20     | -  | -  | 189 | 120.5 | 55.5 | 17   | 12.5 | 17 | 11 |
| 55512BB04KK* | 12   | - | -    |       | 20     | -  | -  | 189 | 120.5 | 55.5 | 17   | 12.5 | 17 | 11 |
| 555160000KK  | 16   | - | -    |       | 24     | -  | -  | 364 | 160   | 80   | 21.5 | 18.5 | 30 | 13 |

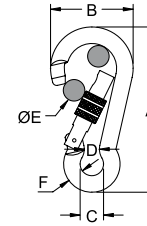
\* On request / Su richiesta

## CLASSIC

- High quality AISI 316 stainless steel connector with screw sleeve.

- Connettore in acciaio inox AISI 316 di altissima qualità con ghiera a vite.

### SCREW SLEEVE



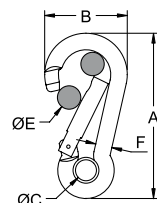
| #           | Size |   | Norm | Color |    |    |    |     | A   | B  | C  | D  | E    | F    |
|-------------|------|---|------|-------|----|----|----|-----|-----|----|----|----|------|------|
|             |      |   |      |       | kN | kN | kN | g   | mm  | mm | mm | mm | mm   | mm   |
| 5561000C3KK | 10   | - | -    |       | 12 | -  | -  | 140 | 103 | 48 | -  | -  | 15.5 | 10   |
| 5561200C3KK | 12   | - | -    |       | 20 | -  | -  | 200 | 121 | 57 | -  | -  | 17   | 10.5 |

## CLASSIC EYE

- Stainless steel connector with a straight gate and captive eye.

- Connettore in acciaio inox, leva dritta e occhiolo.

### STRAIGHT GATE



| #            | Size |   | Norm | Color |        |    |    |     | A     | B    | C    | D  | E  | F  |
|--------------|------|---|------|-------|--------|----|----|-----|-------|------|------|----|----|----|
|              |      |   |      |       | kN     | kN | kN | g   | mm    | mm   | mm   | mm | mm | mm |
| 557050000KK  | 5    | - | -    |       | 120 kg | -  | -  | 16  | 51    | 25   | 7    | -  | 7  | 5  |
| 55705BB00KK* | 5    | - | -    |       | 120 kg | -  | -  | 16  | 51    | 25   | 7    | -  | 7  | 5  |
| 557060000KK  | 6    | - | -    |       | 120 kg | -  | -  | 29  | 60.5  | 30   | 7    | -  | 8  | 6  |
| 55706BB00KK* | 6    | - | -    |       | 120 kg | -  | -  | 29  | 60.5  | 30   | 7    | -  | 8  | 6  |
| 557070000KK  | 7    | - | -    |       | 180 kg | -  | -  | 47  | 72    | 34   | 9    | -  | 10 | 7  |
| 55707BB00KK* | 7    | - | -    |       | 180 kg | -  | -  | 47  | 72    | 34   | 9    | -  | 10 | 7  |
| 557080000KK  | 8    | - | -    |       | 8      | -  | -  | 67  | 80.5  | 39   | 10   | -  | 10 | 8  |
| 55708BB00KK* | 8    | - | -    |       | 8      | -  | -  | 67  | 80.5  | 39   | 10   | -  | 10 | 8  |
| 557100000KK  | 10   | - | -    |       | 12     | -  | -  | 133 | 100.5 | 49.5 | 11.5 | -  | 15 | 10 |
| 55710BB00KK* | 10   | - | -    |       | 12     | -  | -  | 133 | 100.5 | 49.5 | 11.5 | -  | 15 | 10 |
| 557120000KK  | 12   | - | -    |       | 20     | -  | -  | 192 | 120.5 | 56   | 15   | -  | 17 | 11 |
| 557160000KK  | 16   | - | -    |       | 24     | -  | -  | 361 | 160   | 80   | 21.5 | -  | 30 | 13 |

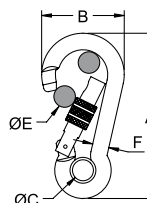
\* On request / Su richiesta

## CLASSIC EYE

- High quality AISI 316 stainless steel connector with screw sleeve and captive eye.

- Connettore in acciaio inox AISI 316 di altissima qualità con ghiera a vite e occhiolo.

### SCREW SLEEVE



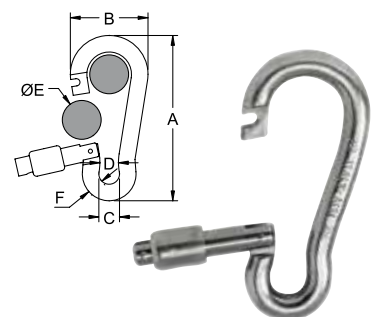
| #           | Size |   | Norm | Color |    |    |    |     | A   | B  | C  | D  | E    | F    |
|-------------|------|---|------|-------|----|----|----|-----|-----|----|----|----|------|------|
|             |      |   |      |       | kN | kN | kN | g   | mm  | mm | mm | mm | mm   | mm   |
| 5581000C3KK | 10   | - | -    |       | 12 | -  | -  | 140 | 103 | 48 | 12 | -  | 15.5 | 10   |
| 5581200C3KK | 12   | - | -    |       | 20 | -  | -  | 205 | 121 | 57 | 15 | -  | 17   | 10.5 |

## CLASSIC EXTERNAL OPENING

- Stainless steel connector with an express sleeve and outward opening.

- Connettore in acciaio inox, ghiera express ed apertura esterna.

### EXPRESS SLEEVE



**Outward opening**  
Apertura esterna

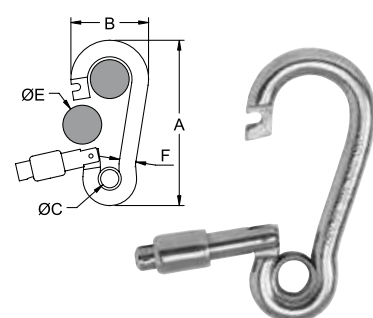
| #           | Size |   | Norm | Color |    |    |    |     | A   | B    | C    | D    | E  | F  |
|-------------|------|---|------|-------|----|----|----|-----|-----|------|------|------|----|----|
|             |      |   |      |       | kN | kN | kN | g   | mm  | mm   | mm   | mm   | mm | mm |
| 5600800J1KK | 8    | - | -    |       | 8  | -  | -  | 73  | 80  | 38   | 12   | 9    | 20 | 8  |
| 5601000J1KK | 10   | - | -    |       | 12 | -  | -  | 140 | 101 | 49.5 | 13.5 | 10.5 | 26 | 10 |

## CLASSIC EYE EXTERNAL OPENING

- Stainless steel connector with an express sleeve, outward opening and captive eye.

- Connettore in acciaio inox, ghiera express, apertura esterna e occhiolo.

### EXPRESS SLEEVE



**Outward opening**  
Apertura esterna

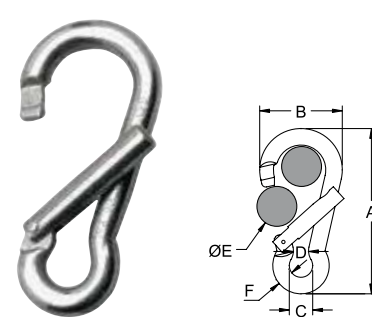
| #           | Size |   | Norm | Color |    |    |    |     | A   | B    | C    | D  | E  | F  |
|-------------|------|---|------|-------|----|----|----|-----|-----|------|------|----|----|----|
|             |      |   |      |       | kN | kN | kN | g   | mm  | mm   | mm   | mm | mm | mm |
| 5610800J1KK | 8    | - | -    |       | 8  | -  | -  | 74  | 80  | 38   | 10   | -  | 20 | 8  |
| 5611000J1KK | 10   | - | -    |       | 12 | -  | -  | 142 | 101 | 49.5 | 11.5 | -  | 26 | 10 |

## CLASSIC GENIUS

- Stainless steel connector with a straight gate and opening to the side.

- Connettore in acciaio inox con leva dritta e apertura laterale.

### STRAIGHT GATE



**"Genius" sideways opening**  
Apertura laterale "genius"

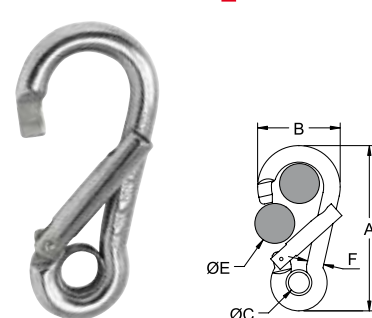
| #           | Size |   | Norm | Color |    |    |    |     | A     | B    | C    | D    | E  | F  |
|-------------|------|---|------|-------|----|----|----|-----|-------|------|------|------|----|----|
|             |      |   |      |       | kN | kN | kN | g   | mm    | mm   | mm   | mm   | mm | mm |
| 590080000KK | 8    | - | -    |       | 8  | -  | -  | 65  | 80    | 39   | 12   | 9    | 13 | 8  |
| 590100000KK | 10   | - | -    |       | 12 | -  | -  | 131 | 101   | 49.5 | 13.5 | 10.5 | 14 | 10 |
| 590120000KK | 12   | - | -    |       | 20 | -  | -  | 192 | 120.5 | 56.5 | 18   | 13.5 | 20 | 11 |

## CLASSIC EYE GENIUS

- Stainless steel connector with a straight gate, opening to the side and captive eye.

- Connettore in acciaio inox con leva dritta, apertura laterale e occhiolo.

### STRAIGHT GATE



**"Genius" sideways opening**  
Apertura laterale "genius"

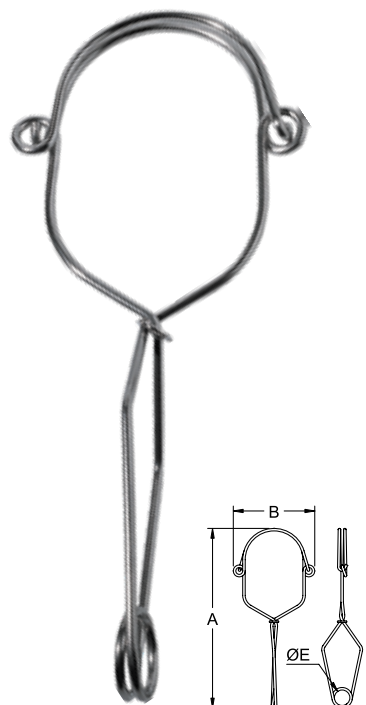
| #           | Size |   | Norm | Color |    |    |    |     | A     | B    | C    | D  | E  | F  |
|-------------|------|---|------|-------|----|----|----|-----|-------|------|------|----|----|----|
|             |      |   |      |       | kN | kN | kN | g   | mm    | mm   | mm   | mm | mm | mm |
| 591080000KK | 8    | - | -    |       | 8  | -  | -  | 66  | 81    | 39   | 10   | -  | 13 | 8  |
| 591100000KK | 10   | - | -    |       | 12 | -  | -  | 135 | 101.5 | 49.5 | 11.5 | -  | 14 | 10 |
| 591120000KK | 12   | - | -    |       | 20 | -  | -  | 193 | 120   | 57   | 15   | -  | 20 | 11 |



**BBQ**

- Stainless steel wide opening clamp, made of high quality stainless steel to be used for anchoring on scaffolding or tubular structures.
- Available in three sizes, with internal gap of 75, 100 and 140 mm.

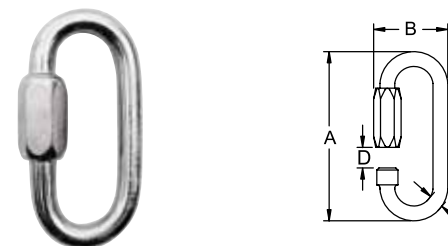
- Pinza in acciaio inox di alta qualità da utilizzare per ancorarsi su ponteggi o strutture con tubolari di grandi dimensioni.
- Disponibile in tre misure, con passaggio interno da 75, 100 e 140 mm.


**Wide opening**  
Ampia apertura

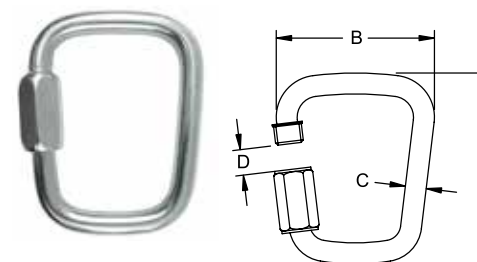
| #           | Size | Norm        | Color | ◀  | ◆  | ↻  | ⚖   | A   | B   | C  | D  | E    | F  |
|-------------|------|-------------|-------|----|----|----|-----|-----|-----|----|----|------|----|
|             |      |             |       | kN | kN | kN | g   | mm  | mm  | mm | mm | mm   | mm |
| 516075000KK | 7    | CE EN 362/A | □     | 30 | -  | -  | 299 | 335 | 142 | -  | -  | 38,5 | -  |
| 516100000KK | 10   | CE EN 362/A | □     | 30 | -  | -  | 308 | 390 | 185 | -  | -  | 43   | -  |
| 516140000KK | 14   | CE EN 362/A | □     | 30 | -  | -  | 308 | 430 | 210 | -  | -  | 37   | -  |

**QUICK LINK**

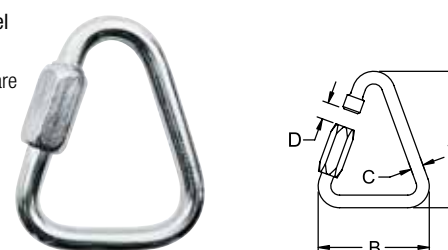
- Oval quick link available in stainless steel and carbon steel.
- Maglia rapida ovale disponibile in acciaio inox e acciaio al carbonio.


**TRAPEZIUM QUICK LINK**

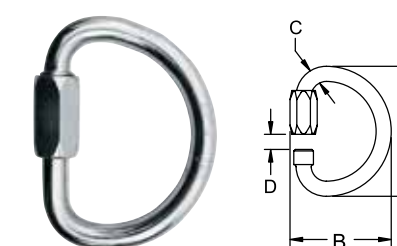
- Trapezoidal stainless steel quick link.
- Maglia rapida trapezoidale in acciaio inox.


**TRIANGLE QUICK LINK**

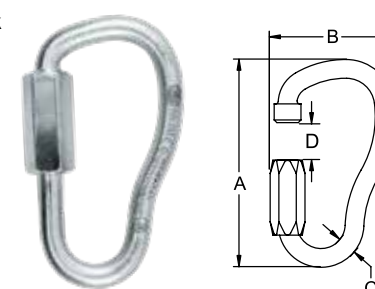
- Triangle stainless steel quick link.
- Maglia rapida triangolare in acciaio inox.


**"D" QUICK LINK**

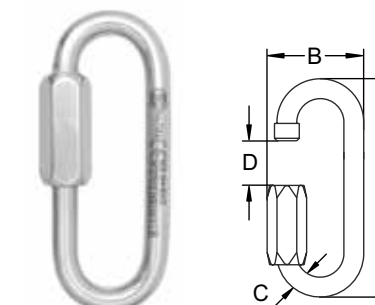
- "D" shape carbon steel quick link.
- Maglia rapida in acciaio al carbonio, forma semirotonda a "D".


**QUICK LINK ASYMMETRIC**

- Asymmetric carbon steel quick link.
- Conceived for use with our Duck rope clamp or other small devices.
- Maglia rapida asimmetrica in acciaio al carbonio.
- Ideata per utilizzo con bloccante Duck o altri dispositivi di regolazione della fune.


**QUICK LINK LONG**

- Oval stainless steel quick link wide opening.
- Maglia rapida ovale in acciaio inox con ampia apertura.



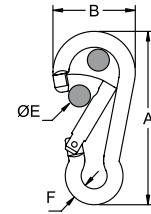
| #                            | CE | Material              | Color | Breaking load | Working load | ◆  | ↻  | ⚖   | A    | B    | C   | D   |
|------------------------------|----|-----------------------|-------|---------------|--------------|----|----|-----|------|------|-----|-----|
|                              |    |                       |       | kN            | kg           | kN | kN | g   | mm   | mm   | mm  | mm  |
| <b>Quick link</b>            |    |                       |       |               |              |    |    |     |      |      |     |     |
| 400040ZB2XK                  | -  | carbon steel          | □     | -             | -            | -  | -  | 12  | 41   | 21   | 4   | 6   |
| 400050ZB2XK                  | -  | carbon steel          | □     | -             | -            | -  | -  | 20  | 50   | 25   | 5   | 7   |
| 400060ZB2XK                  | -  | carbon steel          | □     | -             | -            | -  | -  | 32  | 59   | 29   | 6   | 8   |
| 400080ZB2XK                  | -  | carbon steel          | □     | -             | -            | -  | -  | 76  | 73   | 38   | 8   | 10  |
| 400100ZB2XK                  | -  | carbon steel          | □     | -             | -            | -  | -  | 135 | 88   | 45   | 10  | 12  |
| 400120ZB2XK                  | -  | carbon steel          | □     | -             | -            | -  | -  | 230 | 105  | 52   | 12  | 16  |
| 6000350D1KK                  | -  | stainless steel       | □     | -             | 230          | -  | -  | 9   | 37   | 17   | 3,5 | 5,5 |
| 6000400D1KK                  | -  | stainless steel       | □     | -             | 300          | -  | -  | 13  | 41   | 21   | 4   | 6   |
| 6000500D1KK                  | -  | stainless steel       | □     | -             | 450          | -  | -  | 22  | 50   | 26   | 5   | 7   |
| 6000600D1KK                  | -  | stainless steel       | □     | -             | 700          | -  | -  | 34  | 58   | 29   | 6   | 8   |
| 6000800D1KK                  | •  | EN 12275/Q - EN 362/Q | □     | 40            | -            | 25 | -  | 79  | 74   | 39   | 8   | 10  |
| 6001000D1KK                  | •  | EN 12275/Q - EN 362/Q | □     | 60            | -            | 30 | -  | 142 | 89   | 47   | 10  | 12  |
| 6001200D1KK                  | -  | stainless steel       | □     | -             | 3000         | -  | -  | 222 | 105  | 52   | 12  | 14  |
| <b>Trapezium quick link</b>  |    |                       |       |               |              |    |    |     |      |      |     |     |
| 6380900D1KK                  | -  | stainless steel       | □     | -             | 1000         | -  | -  | 129 | 82   | 68   | 9   | 11  |
| <b>Triangle quick link</b>   |    |                       |       |               |              |    |    |     |      |      |     |     |
| 6020800D1KK                  | •  | EN 12275/Q - EN 362/Q | □     | 40            | -            | 25 | -  | 89  | 72   | 56   | 8   | 10  |
| 6021000D1KK                  | •  | EN 12275/Q - EN 362/Q | □     | 60            | -            | 30 | -  | 155 | 86   | 66   | 10  | 12  |
| <b>"D" quick link</b>        |    |                       |       |               |              |    |    |     |      |      |     |     |
| 409100ZB2KK                  | •  | EN 12275/Q - EN 362/Q | □     | 50            | -            | 15 | -  | 152 | 87   | 67   | 11  | -   |
| <b>Quick link asymmetric</b> |    |                       |       |               |              |    |    |     |      |      |     |     |
| 403071ZB2KK                  | •  | EN 12275/B - EN 362/Q | □     | 25            | -            | 10 | -  | 89  | 77,5 | 43,5 | 7   | 14  |
| <b>Quick link long</b>       |    |                       |       |               |              |    |    |     |      |      |     |     |
| 6170800D1KK                  | •  | EN 12275/Q - EN 362/Q | □     | 40            | -            | 25 | -  | 85  | 88,5 | 35   | 8   | 18  |

## MINI PEAR

- Small aluminum connector, to be used as an accessories holder or key chain.
- Warning! Not for human support.

- Piccolo connettore in alluminio, da utilizzare come supporto accessori o portachiavi.
- Attenzione! Non adatto al supporto umano.

### STRAIGHT GATE



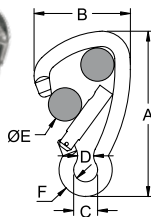
| #           | Size | Material  |   | Norm | Color |        |    |    |    | A  | B  | C  | D  | E  | F  |
|-------------|------|-----------|---|------|-------|--------|----|----|----|----|----|----|----|----|----|
|             |      |           |   |      |       | kN     | kN | kN | g  | mm | mm | mm | mm | mm | mm |
| 755050100KK | 5    | alu alloy | - | -    |       | 120 kg | -  | -  | 9  | 50 | 25 | -  | -  | 7  | 5  |
| 75505BN00KK | 5    | alu alloy | - | -    |       | 120 kg | -  | -  | 9  | 50 | 25 | -  | -  | 7  | 5  |
| 75505RN00KK | 5    | alu alloy | - | -    |       | 120 kg | -  | -  | 9  | 50 | 25 | -  | -  | 7  | 5  |
| 755060100KK | 6    | alu alloy | - | -    |       | 150 kg | -  | -  | 10 | 60 | 30 | -  | -  | 9  | 6  |
| 75506BN00KK | 6    | alu alloy | - | -    |       | 150 kg | -  | -  | 10 | 60 | 30 | -  | -  | 9  | 6  |
| 75506RN00KK | 6    | alu alloy | - | -    |       | 150 kg | -  | -  | 10 | 60 | 30 | -  | -  | 9  | 6  |
| 75506NN00KK | 6    | alu alloy | - | -    |       | 150 kg | -  | -  | 10 | 60 | 30 | -  | -  | 9  | 6  |

## HARNESS / HARNESS EYE

- Asymmetric connector.
- Ideal, if made of aluminum, as a keyholder or for hanging small items from packs.
- Warning! Not for human support.

- Connettore asimmetrico.
- Ideale, se in alluminio, come portachiavi o per appendere piccoli oggetti allo zaino.
- Attenzione! Non adatto al supporto umano.

### STRAIGHT GATE



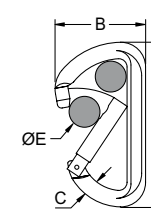
| #                  | Size | Material  |   | Norm | Color |        |    |    |    | A    | B  | C   | D   | E  | F  |
|--------------------|------|-----------|---|------|-------|--------|----|----|----|------|----|-----|-----|----|----|
|                    |      |           |   |      |       | kN     | kN | kN | g  | mm   | mm | mm  | mm  | mm | mm |
| <b>HARNESS</b>     |      |           |   |      |       |        |    |    |    |      |    |     |     |    |    |
| 705050100KK        | 5    | alu alloy | - | -    |       | 150 kg | -  | -  | 6  | 52.5 | 33 | 7.5 | 5.5 | 10 | 5  |
| 705053N00KK        | 5    | alu alloy | - | -    |       | 150 kg | -  | -  | 6  | 52.5 | 33 | 7.5 | 5.5 | 10 | 5  |
| 70505BN00KK        | 5    | alu alloy | - | -    |       | 150 kg | -  | -  | 6  | 52.5 | 33 | 7.5 | 5.5 | 10 | 5  |
| 70505CN00KK        | 5    | alu alloy | - | -    |       | 150 kg | -  | -  | 6  | 52.5 | 33 | 7.5 | 5.5 | 10 | 5  |
| 70505RN00KK        | 5    | alu alloy | - | -    |       | 150 kg | -  | -  | 6  | 52.5 | 33 | 7.5 | 5.5 | 10 | 5  |
| 705060100KK        | 6    | alu alloy | - | -    |       | 150 kg | -  | -  | 11 | 65   | 41 | 8.5 | 7.5 | 14 | 6  |
| 705063N00KK        | 6    | alu alloy | - | -    |       | 150 kg | -  | -  | 11 | 65   | 41 | 8.5 | 7.5 | 14 | 6  |
| 70506BN00KK        | 6    | alu alloy | - | -    |       | 150 kg | -  | -  | 11 | 65   | 41 | 8.5 | 7.5 | 14 | 6  |
| 70506CN00KK        | 6    | alu alloy | - | -    |       | 150 kg | -  | -  | 11 | 65   | 41 | 8.5 | 7.5 | 14 | 6  |
| 70506RN00KK        | 6    | alu alloy | - | -    |       | 150 kg | -  | -  | 11 | 65   | 41 | 8.5 | 7.5 | 14 | 6  |
| <b>HARNESS EYE</b> |      |           |   |      |       |        |    |    |    |      |    |     |     |    |    |
| 707050100KK        | 5    | alu alloy | - | -    |       | 150 kg | -  | -  | 12 | 52   | 33 | 6   | -   | 9  | 5  |
| 707060100KK        | 6    | alu alloy | - | -    |       | 150 kg | -  | -  | 14 | 65.5 | 41 | 7   | -   | 15 | 6  |

## MINI D

- The smallest aluminum connector with a screw sleeve in our production.
- To be used for accessories, and ideal for ice axe lanyards.
- Available in a straight gate version.
- Warning! Not for human support.

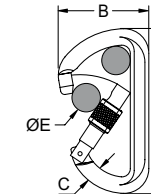
- Il più piccolo connettore in alluminio con ghiera a vite della nostra produzione.
- Da utilizzare come porta accessori, ideale per le longhe delle piccozze.
- Disponibile anche in versione senza ghiera.
- Attenzione! Non adatto al supporto umano.

### STRAIGHT GATE



| #           | Size | Material  |   | Norm | Color |        |    |    |    | A  | B  | C  | D  | E  | F  |
|-------------|------|-----------|---|------|-------|--------|----|----|----|----|----|----|----|----|----|
|             |      |           |   |      |       | kN     | kN | kN | g  | mm | mm | mm | mm | mm | mm |
| 751000100KK | -    | alu alloy | - | -    |       | 600 kg | -  | -  | 30 | 80 | 44 | 8  | -  | 15 | -  |
| 751NN0400KK | -    | alu alloy | - | -    |       | 600 kg | -  | -  | 30 | 80 | 44 | 8  | -  | 15 | -  |
| 751BD0400KK | -    | alu alloy | - | -    |       | 600 kg | -  | -  | 30 | 80 | 44 | 8  | -  | 15 | -  |
| 751RN0400KK | -    | alu alloy | - | -    |       | 600 kg | -  | -  | 30 | 80 | 44 | 8  | -  | 15 | -  |
| 751GN0400KK | -    | alu alloy | - | -    |       | 600 kg | -  | -  | 30 | 80 | 44 | 8  | -  | 15 | -  |
| 751VN0400KK | -    | alu alloy | - | -    |       | 600 kg | -  | -  | 30 | 80 | 44 | 8  | -  | 15 | -  |
| 751ON0400KK | -    | alu alloy | - | -    |       | 600 kg | -  | -  | 30 | 80 | 44 | 8  | -  | 15 | -  |

### SCREW SLEEVE



| #           | Size | Material  |   | Norm | Color |        |    |    |    | A  | B  | C  | D  | E  | F  |
|-------------|------|-----------|---|------|-------|--------|----|----|----|----|----|----|----|----|----|
|             |      |           |   |      |       | kN     | kN | kN | g  | mm | mm | mm | mm | mm | mm |
| 751NNN6CNKK | -    | alu alloy | - | -    |       | 600 kg | -  | -  | 32 | 80 | 44 | 8  | -  | 13 | -  |



Products made of high quality marine bronze (special alloy CU-ZN-MN commonly used to make ship propellers, much stronger than brass, more resistant to corrosion), completely die-cast in Italy. To be used mainly for bags, leashes, harnesses and horse saddles. Available in different finishings in order to protect the products from corrosion and oxidation, while at the same time giving the aesthetic look desired by the customer.

Prodotti realizzati in bronzo marino di altissima qualità (lega speciale CU-ZN-MN normalmente utilizzata per la produzione di eliche di navi, più resistente del bronzo, e resistente alla corrosione), pressofusi completamente in Italia. Sono indicati prevalentemente per borse, guinzagli, bardature e selle per cavalli. Disponibili in diverse finiture che permettono di preservare maggiormente questi prodotti da corrosione e ossidazione, conferendone al contempo l'aspetto estetico desiderato dal cliente.

### Finishings / Finiture



#### LACQUERED / ZAPPONATO

# XXXXX [Y] XXXX

- Surface treatment with a transparent paint that protects from corrosion and oxidation.
- Trattamento superficiale con vernice trasparente che riduce corrosione e ossidazione nel tempo.



#### NICKEL PLATED / NICHELATO

# XXXXX [N] XXXX

- Surface treatment that gives the product a silver color.
- Trattamento superficiale che rende il prodotto color argento.



#### NATURAL / NATURALE

# XXXXX [O] XXXX

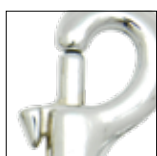
- Natural brass color finishing.
- Finitura naturale color bronzo lucido.



#### ZINC PLATED / ZINCATO

# XXXXX [Z] XXXX

- Zinc surface treatment. Available on request
- Trattamento superficiale a base di zinco. Disponibile su richiesta.



#### CHROME PLATED / CROMATO

# XXXXX [C] XXXX

- Chrome surface treatment that gives the product a brilliant silver color. Available on request.
- Trattamento superficiale a base di cromo che rende il prodotto color argento brillante. Disponibile su richiesta.



Snaps  
Ganci



Jib snaps  
Garrocci da fiocco



Swivels  
Girelli



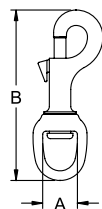
Rings  
Anelli



Buckles  
Fibbie

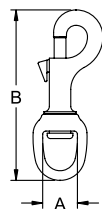


**SNAP 359** Long bolt snap - round swivel eye  
Gancio a corpo lungo - occhiolo girevole arrotondato



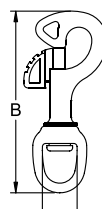
| #           | Size | Material | Color | pcs | g  | A  |       | B  |         | C  |    |
|-------------|------|----------|-------|-----|----|----|-------|----|---------|----|----|
|             |      |          |       |     |    | mm | in    | mm | in      | mm | in |
| 35910000YK  | 10   | bronze   | O     | 100 | 27 | 10 | 25/64 | 74 | 2 29/32 | -  | -  |
| 359100N00YK | 10   | bronze   | N     | 100 | 27 | 10 | 25/64 | 74 | 2 29/32 | -  | -  |
| 359120000YK | 12   | bronze   | O     | 100 | 28 | 12 | 15/32 | 76 | 2 63/64 | -  | -  |
| 359120N00YK | 12   | bronze   | N     | 100 | 28 | 12 | 15/32 | 76 | 2 63/64 | -  | -  |
| 359120Y00YK | 12   | bronze   | Y     | 100 | 28 | 12 | 15/32 | 76 | 2 63/64 | -  | -  |

**SNAP 360** Bolt snap - round swivel eye  
Gancio con occhiolo girevole arrotondato



| #           | Size | Material | Color | pcs | g   | A  |         | B   |         | C  |    |
|-------------|------|----------|-------|-----|-----|----|---------|-----|---------|----|----|
|             |      |          |       |     |     | mm | in      | mm  | in      | mm | in |
| 360100000YK | 10   | bronze   | O     | 100 | 22  | 10 | 25/64   | 66  | 2 19/32 | -  | -  |
| 360100N00YK | 10   | bronze   | N     | 100 | 22  | 10 | 25/64   | 66  | 2 19/32 | -  | -  |
| 360100Y00YK | 10   | bronze   | Y     | 100 | 22  | 10 | 25/64   | 66  | 2 19/32 | -  | -  |
| 360120000YK | 12   | bronze   | O     | 100 | 24  | 12 | 15/32   | 68  | 2 43/64 | -  | -  |
| 360120N00YK | 12   | bronze   | N     | 100 | 24  | 12 | 15/32   | 68  | 2 43/64 | -  | -  |
| 360120Y00YK | 12   | bronze   | Y     | 100 | 24  | 12 | 15/32   | 68  | 2 43/64 | -  | -  |
| 360160000YK | 16   | bronze   | O     | 50  | 49  | 16 | 5/8     | 80  | 3 5/32  | -  | -  |
| 360160C00YK | 16   | bronze   | C     | 50  | 49  | 16 | 5/8     | 80  | 3 5/32  | -  | -  |
| 360160N00YK | 16   | bronze   | N     | 50  | 49  | 16 | 5/8     | 80  | 3 5/32  | -  | -  |
| 360160Y00YK | 16   | bronze   | Y     | 50  | 49  | 16 | 5/8     | 80  | 3 5/32  | -  | -  |
| 360210000YK | 21   | bronze   | O     | 50  | 50  | 21 | 53/64   | 81  | 3 3/16  | -  | -  |
| 360210N00YK | 21   | bronze   | N     | 50  | 50  | 21 | 53/64   | 81  | 3 3/16  | -  | -  |
| 360210Y00YK | 21   | bronze   | Y     | 50  | 50  | 21 | 53/64   | 81  | 3 3/16  | -  | -  |
| 360250Y00YK | 25   | bronze   | Y     | 25  | 65  | 25 | 63/64   | 90  | 3 35/64 | -  | -  |
| 360250000YK | 25   | bronze   | O     | 25  | 65  | 25 | 63/64   | 90  | 3 35/64 | -  | -  |
| 360250N00YK | 25   | bronze   | N     | 25  | 65  | 25 | 63/64   | 90  | 3 35/64 | -  | -  |
| 360280000YK | 28   | bronze   | O     | 25  | 95  | 28 | 1 7/64  | 109 | 4 19/64 | -  | -  |
| 360280N00YK | 28   | bronze   | N     | 25  | 95  | 28 | 1 7/64  | 109 | 4 19/64 | -  | -  |
| 360320000YK | 32   | bronze   | O     | 20  | 151 | 32 | 1 17/64 | 120 | 4 23/32 | -  | -  |
| 360320N00YK | 32   | bronze   | N     | 20  | 151 | 32 | 1 17/64 | 120 | 4 23/32 | -  | -  |

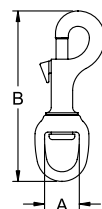
**SNAP 361** Automatic swivel snap piston for flag  
Gancio automatico a pistone per bandiere - occhiolo girevole



| #           | Size | Material | Color | pcs | g  | A  |       | B  |         | C  |    |
|-------------|------|----------|-------|-----|----|----|-------|----|---------|----|----|
|             |      |          |       |     |    | mm | in    | mm | in      | mm | in |
| 361200000YK | 20   | bronze   | O     | 50  | 67 | 23 | 29/32 | 90 | 3 35/64 | -  | -  |
| 361200N00XK | 20   | bronze   | N     | 50  | 67 | 23 | 29/32 | 90 | 3 35/64 | -  | -  |

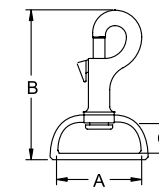
- Easy to hook as the piston slides back automatically.
- Grooves on the piston ensure rapid and sure release.
- Inserimento semplice per l'arretramento automatico del pistoncino scorrevole.
- Sgancio rapido e sicuro grazie alle zigrinature sul pistoncino.

**SNAP 362** Heavy duty bolt swivel nut  
Gancio ad alto carico con occhiolo girevole



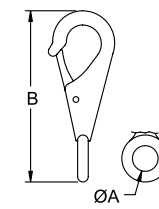
| #           | Size | Material | Color | pcs | g  | A  |       | B  |         | C  |    |
|-------------|------|----------|-------|-----|----|----|-------|----|---------|----|----|
|             |      |          |       |     |    | mm | in    | mm | in      | mm | in |
| 362180000YK | 18   | bronze   | O     | 50  | 62 | 18 | 23/32 | 85 | 3 11/32 | -  | -  |
| 362180N00YK | 18   | bronze   | N     | 50  | 62 | 18 | 23/32 | 85 | 3 11/32 | -  | -  |

**SNAP 369** Bolt snap square swivel eye  
Gancio con occhiolo girevole a base piatta



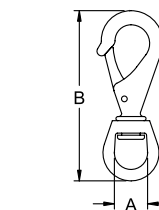
| #           | Size | Material | Color | pcs | g  | A  |        | B  |         | C  |       |
|-------------|------|----------|-------|-----|----|----|--------|----|---------|----|-------|
|             |      |          |       |     |    | mm | in     | mm | in      | mm | in    |
| 369130000YK | 13   | bronze   | O     | 100 | 28 | 13 | 33/64  | 65 | 2 9/16  | 10 | 25/64 |
| 369130N00YK | 13   | bronze   | N     | 100 | 28 | 13 | 33/64  | 65 | 2 9/16  | 10 | 25/64 |
| 369130Y00YK | 13   | bronze   | Y     | 100 | 28 | 13 | 33/64  | 65 | 2 9/16  | 10 | 25/64 |
| 369200000YK | 20   | bronze   | O     | 100 | 30 | 20 | 25/32  | 66 | 2 19/32 | 10 | 25/64 |
| 369200N00YK | 20   | bronze   | N     | 100 | 30 | 20 | 25/32  | 66 | 2 19/32 | 10 | 25/64 |
| 369270000YK | 27   | bronze   | O     | 50  | 50 | 27 | 1 1/16 | 76 | 2 63/64 | 11 | 7/16  |
| 369270Y00YK | 27   | bronze   | Y     | 50  | 50 | 27 | 1 1/16 | 76 | 2 63/64 | 11 | 7/16  |
| 369270N00YK | 27   | bronze   | N     | 50  | 50 | 27 | 1 1/16 | 76 | 2 63/64 | 11 | 7/16  |

**SNAP 363** Spring gate snap - fixed eye  
Gancio con leva a molla e occhiolo fisso



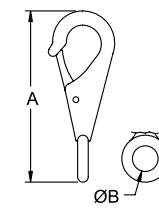
| #           | Size | Material | Color | pcs | g   | A  |       | B  |         | C  |    |
|-------------|------|----------|-------|-----|-----|----|-------|----|---------|----|----|
|             |      |          |       |     |     | mm | in    | mm | in      | mm | in |
| 363000000YK | 00   | bronze   | O     | 100 | 25  | 11 | 7/16  | 54 | 2 1/8   | -  | -  |
| 363000N00YK | 00   | bronze   | N     | 100 | 25  | 11 | 7/16  | 54 | 2 1/8   | -  | -  |
| 363010000YK | 01   | bronze   | O     | 50  | 40  | 17 | 43/64 | 73 | 2 7/8   | -  | -  |
| 363010N00YK | 01   | bronze   | N     | 50  | 40  | 17 | 43/64 | 73 | 2 7/8   | -  | -  |
| 363010Y00YK | 01   | bronze   | Y     | 50  | 40  | 17 | 43/64 | 73 | 2 7/8   | -  | -  |
| 363020000YK | 02   | bronze   | O     | 50  | 63  | 18 | 23/32 | 82 | 3 15/64 | -  | -  |
| 363020N00YK | 02   | bronze   | N     | 50  | 63  | 18 | 23/32 | 82 | 3 15/64 | -  | -  |
| 363030000YK | 03   | bronze   | O     | 25  | 110 | 19 | 3/4   | 99 | 3 57/64 | -  | -  |
| 363030N00YK | 03   | bronze   | N     | 25  | 110 | 19 | 3/4   | 99 | 3 57/64 | -  | -  |

**SNAP 310** Spring gate snap - round swivel eye  
Gancio con leva a molla - occhiolo arrotondato e girevole



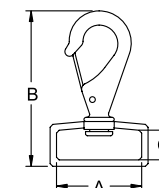
| #           | Size | Material | Color | pcs | g   | A  |       | B   |         | C  |    |
|-------------|------|----------|-------|-----|-----|----|-------|-----|---------|----|----|
|             |      |          |       |     |     | mm | in    | mm  | in      | mm | in |
| 310010000YK | 01   | bronze   | O     | 50  | 56  | 17 | 43/64 | 83  | 3 17/64 | -  | -  |
| 310010N00YK | 01   | bronze   | N     | 50  | 56  | 17 | 43/64 | 83  | 3 17/64 | -  | -  |
| 310020000YK | 02   | bronze   | O     | 50  | 77  | 20 | 25/32 | 94  | 3 45/64 | -  | -  |
| 310020N00YK | 02   | bronze   | N     | 50  | 77  | 20 | 25/32 | 94  | 3 45/64 | -  | -  |
| 310030000YK | 03   | bronze   | O     | 25  | 130 | 25 | 63/64 | 113 | 4 29/64 | -  | -  |
| 310030N00YK | 03   | bronze   | N     | 25  | 130 | 25 | 63/64 | 113 | 4 29/64 | -  | -  |

**SNAP 315** Flat spring snap - fixed eye  
Gancio con leva piatta a molla - occhiolo fisso



| #           | Size | Material | Color | pcs | g  | A  |       | B  |         | C  |    |
|-------------|------|----------|-------|-----|----|----|-------|----|---------|----|----|
|             |      |          |       |     |    | mm | in    | mm | in      | mm | in |
| 315100000YK | 10   | bronze   | O     | 100 | 10 | 10 | 25/64 | 46 | 1 13/16 | -  | -  |
| 315100N00YK | 10   | bronze   | N     | 100 | 10 | 10 | 25/64 | 46 | 1 13/16 | -  | -  |

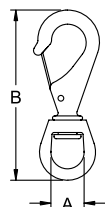
**SNAP 316** Flat spring snap - rectangular swivel eye  
Gancio con leva piatta a molla - occhiolo girevole a base piatta



| #           | Size | Material | Color | pcs | g  | A  |       | B  |         | C  |       |
|-------------|------|----------|-------|-----|----|----|-------|----|---------|----|-------|
|             |      |          |       |     |    | mm | in    | mm | in      | mm | in    |
| 316150N00YK | 15   | bronze   | N     | 100 | 14 | 15 | 19/32 | 46 | 1 13/16 | 5  | 13/64 |
| 316180000YK | 18   | bronze   | O     | 100 | 15 | 18 | 23/32 | 48 | 1 57/64 | 5  | 13/64 |
| 316180N00YK | 18   | bronze   | N     | 100 | 15 | 18 | 23/32 | 48 | 1 57/64 | 5  | 13/64 |

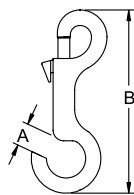


**SNAP 317** Flat spring snap - round swivel eye  
Gancio con leva piatta a molla - occhio girevole arrotondato



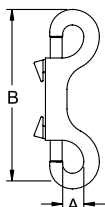
| #           | Size | Material | Color   | pcs | g  | A  | B     | C  |
|-------------|------|----------|---|-----|----|----|-------|----|
|             |      |          |   |     |    | mm | in    | mm |
| 317100000YK | 10   | bronze   | <span style="border: 1px solid black; padding: 0 2px;">0</span> | 100 | 14 | 10 | 25/64 | 52 |
| 317100N00YK | 10   | bronze   | <span style="border: 1px solid black; padding: 0 2px;">N</span> | 100 | 14 | 10 | 25/64 | 52 |

**SNAP 366** Open-end snap for chain  
Gancio con terminale aperto per catene



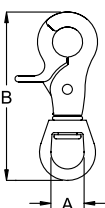
| #           | Size | Material | Color   | pcs | g  | A  | B    | C  |
|-------------|------|----------|---|-----|----|----|------|----|
|             |      |          |   |     |    | mm | in   | mm |
| 366090000YK | -    | bronze   | <span style="border: 1px solid black; padding: 0 2px;">0</span> | 50  | 56 | 7  | 9/32 | 89 |

**SNAP 367** Double end bolt snap  
Gancio doppio



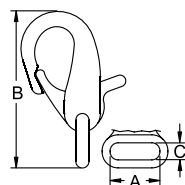
| #           | Size | Material | Color   | pcs | g  | A  | B     | C   |
|-------------|------|----------|---|-----|----|----|-------|-----|
|             |      |          |   |     |    | mm | in    | mm  |
| 367090000YK | 90   | bronze   | <span style="border: 1px solid black; padding: 0 2px;">0</span> | 50  | 44 | 9  | 23/64 | 90  |
| 367090N00YK | 90   | bronze   | <span style="border: 1px solid black; padding: 0 2px;">N</span> | 50  | 44 | 9  | 23/64 | 90  |
| 367100000YK | 100  | bronze   | <span style="border: 1px solid black; padding: 0 2px;">0</span> | 50  | 54 | 11 | 7/16  | 100 |
| 367100N00YK | 100  | bronze   | <span style="border: 1px solid black; padding: 0 2px;">N</span> | 50  | 54 | 11 | 7/16  | 100 |
| 367120000YK | 120  | bronze   | <span style="border: 1px solid black; padding: 0 2px;">0</span> | 50  | 60 | 11 | 7/16  | 120 |
| 367120N00YK | 120  | bronze   | <span style="border: 1px solid black; padding: 0 2px;">N</span> | 50  | 60 | 11 | 7/16  | 120 |

**SNAP 368** "Trigger" snap - round swivel eye  
Gancio "Trigger" - occhio girevole arrotondato



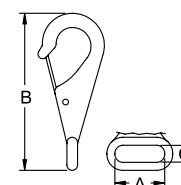
| #           | Size | Material | Color   | pcs | g  | A  | B     | C  |
|-------------|------|----------|---|-----|----|----|-------|----|
|             |      |          |   |     |    | mm | in    | mm |
| 368120000YK | 12   | bronze   | <span style="border: 1px solid black; padding: 0 2px;">0</span> | 50  | 40 | 12 | 15/32 | 64 |
| 368120N00YK | 12   | bronze   | <span style="border: 1px solid black; padding: 0 2px;">N</span> | 50  | 40 | 12 | 15/32 | 64 |

**SNAP 387** Big snap with lever - fixed square eye  
Gancio grande con leva posteriore - occhio quadrato fisso



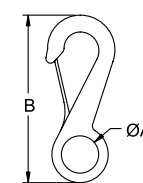
| #           | Size | Material | Color   | pcs | g  | A  | B      | C  |
|-------------|------|----------|---|-----|----|----|--------|----|
|             |      |          |   |     |    | mm | in     | mm |
| 387230000YK | 23   | bronze   | <span style="border: 1px solid black; padding: 0 2px;">0</span> | 50  | 40 | 23 | 29/32  | 55 |
| 387230N00YK | 23   | bronze   | <span style="border: 1px solid black; padding: 0 2px;">N</span> | 50  | 40 | 23 | 29/32  | 55 |
| 387280000YK | 28   | bronze   | <span style="border: 1px solid black; padding: 0 2px;">0</span> | 50  | 45 | 28 | 1 7/64 | 55 |
| 387280N00YK | 28   | bronze   | <span style="border: 1px solid black; padding: 0 2px;">N</span> | 50  | 45 | 28 | 1 7/64 | 55 |

**SNAP 388** Snap without lever - fixed oval eye  
Gancio senza leva posteriore - occhio quadrato fisso



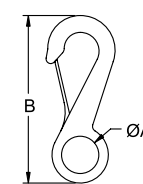
| #           | Size | Material | Color   | pcs | g  | A  | B     | C  |
|-------------|------|----------|---|-----|----|----|-------|----|
|             |      |          |   |     |    | mm | in    | mm |
| 388220000YK | 22   | bronze   | <span style="border: 1px solid black; padding: 0 2px;">0</span> | 50  | 35 | 22 | 55/64 | 63 |
| 388220N00YK | 22   | bronze   | <span style="border: 1px solid black; padding: 0 2px;">N</span> | 50  | 35 | 22 | 55/64 | 63 |
| 388220Y00YK | 22   | bronze   | <span style="border: 1px solid black; padding: 0 2px;">Y</span> | 50  | 35 | 22 | 55/64 | 63 |

**SNAP 382** Heavy duty snap hook - wire gate  
Gancio ad alto carico - leva a filo



| #           | Size | Material | Color   | pcs | g   | A  | B      | C   |
|-------------|------|----------|---|-----|-----|----|--------|-----|
|             |      |          |   |     |     | mm | in     | mm  |
| 382010000YK | 1    | bronze   | <span style="border: 1px solid black; padding: 0 2px;">0</span> | 25  | 90  | 19 | 3/4    | 93  |
| 382010N00YK | 1    | bronze   | <span style="border: 1px solid black; padding: 0 2px;">N</span> | 25  | 90  | 19 | 3/4    | 93  |
| 382020000YK | 2    | bronze   | <span style="border: 1px solid black; padding: 0 2px;">0</span> | 25  | 145 | 19 | 3/4    | 104 |
| 382020N00YK | 2    | bronze   | <span style="border: 1px solid black; padding: 0 2px;">N</span> | 25  | 145 | 19 | 3/4    | 104 |
| 382030000YK | 3    | bronze   | <span style="border: 1px solid black; padding: 0 2px;">0</span> | 10  | 190 | 28 | 1 7/64 | 119 |
| 382030N00YK | 3    | bronze   | <span style="border: 1px solid black; padding: 0 2px;">N</span> | 10  | 190 | 28 | 1 7/64 | 119 |

**SNAP 383** Heavy duty snap hook - flat gate  
Gancio ad alto carico - leva piatta



| #           | Size | Material | Color   | pcs | g   | A  | B      | C   |
|-------------|------|----------|---|-----|-----|----|--------|-----|
|             |      |          |   |     |     | mm | in     | mm  |
| 383020000YK | 2    | bronze   | <span style="border: 1px solid black; padding: 0 2px;">0</span> | 20  | 145 | 19 | 3/4    | 104 |
| 383020N00YK | 2    | bronze   | <span style="border: 1px solid black; padding: 0 2px;">N</span> | 20  | 145 | 19 | 3/4    | 104 |
| 383030000YK | 3    | bronze   | <span style="border: 1px solid black; padding: 0 2px;">0</span> | 20  | 195 | 28 | 1 7/64 | 120 |
| 383030N00YK | 3    | bronze   | <span style="border: 1px solid black; padding: 0 2px;">N</span> | 20  | 195 | 28 | 1 7/64 | 120 |

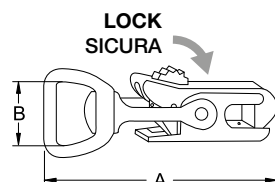
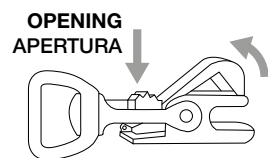
## SNAP FOR LEASHES

### PANIC SNAPS WITH SAFETY LOCK

- The special snap opening will release even if the connectors are loaded and the safety-lock prevents accidental opening.
- The remarkable feature is that they never become jammed, not even if they are used with mud, ice, snow, dust, etc. Items 372 and 373 (see picture) were specifically designed for hunting dog leashes.
- With the connector open, the collar remains attached by one end to the leash, giving the animal complete freedom.

### CONNETTORI A SGANCIO RAPIDO CON SICURA

- La particolare apertura permette lo sgancio anche con i connettori sotto carico e la sicura ne impedisce l'apertura accidentale.
- La caratteristica notevole è che non si bloccano anche se usati in presenza di fango, ghiaccio, polvere, ecc. Gli art. 372 e 373 (vedi particolare) sono studiati soprattutto per cani da caccia.
- Il collare, a connettore aperto resta attaccato per un capo al guinzaglio e lasciando l'animale completamente libero.



## SNAP FOR LEASHES 372

Square swivel eye - it allows the release of the collar  
Occhiolo girevole a base piatta - permette lo sgancio del collare

| #          | Size | Material | Color | pcs | g  | A  | B       | C  |        |    |    |
|------------|------|----------|-------|-----|----|----|---------|----|--------|----|----|
|            |      |          |       |     |    | mm | in      | mm | in     | mm | in |
| 37220000YK | 20   | bronze   | 0     | 50  | 80 | 88 | 3 15/32 | 20 | 25/32  | -  | -  |
| 37226000YK | 26   | bronze   | 0     | 50  | 76 | 87 | 3 27/64 | 26 | 1 1/32 | -  | -  |



## SNAP FOR LEASHES 373

Round swivel eye - it allows the release of the collar  
Occhiolo girevole arrotondato - permette lo sgancio del collare

| #          | Size | Material | Color | pcs | g  | A  | B       | C  |       |    |    |
|------------|------|----------|-------|-----|----|----|---------|----|-------|----|----|
|            |      |          |       |     |    | mm | in      | mm | in    | mm | in |
| 37322000YK | 22   | bronze   | 0     | 50  | 81 | 95 | 3 47/64 | 22 | 55/64 | -  | -  |



## SNAP FOR LEASHES 370

Square swivel eye  
Occhiolo girevole a base piatta

| #          | Size | Material | Color | pcs | g  | A  | B      | C  |        |    |    |
|------------|------|----------|-------|-----|----|----|--------|----|--------|----|----|
|            |      |          |       |     |    | mm | in     | mm | in     | mm | in |
| 37020000YK | 20   | bronze   | 0     | 50  | 65 | 77 | 3 1/32 | 20 | 25/32  | -  | -  |
| 37026000YK | 26   | bronze   | 0     | 50  | 66 | 77 | 3 1/32 | 26 | 1 1/32 | -  | -  |



## SNAP FOR LEASHES 371

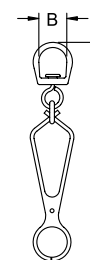
Round swivel eye  
Occhiolo girevole arrotondato

| #          | Size | Material | Color | pcs | g  | A  | B      | C  |       |    |    |
|------------|------|----------|-------|-----|----|----|--------|----|-------|----|----|
|            |      |          |       |     |    | mm | in     | mm | in    | mm | in |
| 37122000YK | 22   | bronze   | 0     | 50  | 70 | 84 | 3 5/16 | 22 | 55/64 | -  | -  |



## SNAP FOR LEASHES 354 (nickel plated steel)

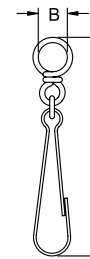
Clamp hook  
Gancio a pinza



| #           | Size | Material | Color | pcs | g  | A   | B       | C  |       |    |    |
|-------------|------|----------|-------|-----|----|-----|---------|----|-------|----|----|
|             |      |          |       |     |    | mm  | in      | mm | in    | mm | in |
| 354050N00XK | 50   | steel    | N     | 100 | 20 | 85  | 3 11/32 | 11 | 7/16  | -  | -  |
| 354060N00XK | 60   | steel    | N     | 100 | 28 | 97  | 3 13/16 | 14 | 35/64 | -  | -  |
| 354070N00XK | 70   | steel    | N     | 50  | 40 | 110 | 4 21/64 | 16 | 5/8   | -  | -  |

## SNAP FOR LEASHES 450 (nickel plated steel)

"Simplex" classic hook  
"Simplex" gancio classico



| #           | Size | Material | Color | pcs | g   | A   | B       | C  |       |    |    |
|-------------|------|----------|-------|-----|-----|-----|---------|----|-------|----|----|
|             |      |          |       |     |     | mm  | in      | mm | in    | mm | in |
| 450300N00XK | 30   | steel    | N     | 250 | 5   | 51  | 2 1/64  | 10 | 25/64 | -  | -  |
| 450400N00XK | 40   | steel    | N     | 200 | 9   | 63  | 2 31/64 | 11 | 7/16  | -  | -  |
| 450500N00XK | 50   | steel    | N     | 100 | 13  | 78  | 3 5/64  | 13 | 33/64 | -  | -  |
| 450600N00XK | 60   | steel    | N     | 100 | 19  | 91  | 3 37/64 | 13 | 33/64 | -  | -  |
| 450700N00XK | 70   | steel    | N     | 100 | 30  | 110 | 4 21/64 | 14 | 35/64 | -  | -  |
| 450800N00XK | 80   | steel    | N     | 50  | 41  | 120 | 4 23/32 | 15 | 19/32 | -  | -  |
| 450900N00XK | 90   | steel    | N     | 50  | 60  | 140 | 5 33/64 | 20 | 25/32 | -  | -  |
| 450910N00XK | 91   | steel    | N     | 50  | 77  | 146 | 5 3/4   | 20 | 25/32 | -  | -  |
| 450920N00XK | 92   | steel    | N     | 25  | 135 | 176 | 6 59/64 | 21 | 53/64 | -  | -  |



## JIB SNAPS

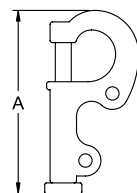
### PRESSURE DIE-CAST JIB SNAPS

- These are made of marine bronze (softer material than the stainless steel of the stay), therefore they do not damage the stay at contact points (always the same when sailing).

### GARROCCI DA FIOCCO PRESSOFUSI

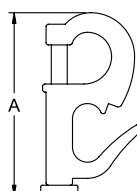
- Sono in bronzo marino (materiale più tenero dell'acciaio inox dello strallo), quindi non logorano lo strallo nei punti di contatto (sempre gli stessi in navigazione).

### JIB SNAP 330 Sew-on type Da cucire



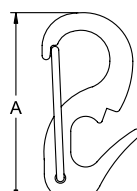
| #           | Size | Material | Color | pcs | g  | A  |         | B  |    | C  |    |
|-------------|------|----------|-------|-----|----|----|---------|----|----|----|----|
|             |      |          |       |     |    | mm | in      | mm | in | mm | in |
| 33030000XK  | 30   | bronze   | 0     | 200 | 10 | 30 | 1 3/16  | -  | -  | -  | -  |
| 330300N00XK | 30   | bronze   | N     | 200 | 10 | 30 | 1 3/16  | -  | -  | -  | -  |
| 33040000XK  | 40   | bronze   | 0     | 100 | 23 | 43 | 1 11/16 | -  | -  | -  | -  |
| 330400N00XK | 40   | bronze   | N     | 100 | 23 | 43 | 1 11/16 | -  | -  | -  | -  |
| 33050000XK  | 50   | bronze   | 0     | 50  | 34 | 53 | 2 3/32  | -  | -  | -  | -  |
| 330500N00XK | 50   | bronze   | N     | 50  | 34 | 53 | 2 3/32  | -  | -  | -  | -  |
| 33060000XK  | 60   | bronze   | 0     | 50  | 45 | 63 | 2 31/64 | -  | -  | -  | -  |
| 330600N00XK | 60   | bronze   | N     | 50  | 45 | 63 | 2 31/64 | -  | -  | -  | -  |

### JIB SNAP 331 Knock-on type Da ribattere



| #          | Size | Material | Color | pcs | g  | A  |         | B  |    | C  |    |
|------------|------|----------|-------|-----|----|----|---------|----|----|----|----|
|            |      |          |       |     |    | mm | in      | mm | in | mm | in |
| 33140000YK | 40   | bronze   | 0     | 100 | 25 | 43 | 1 11/16 | -  | -  | -  | -  |
| 33150000YK | 50   | bronze   | 0     | 50  | 36 | 54 | 2 1/8   | -  | -  | -  | -  |
| 33160000YK | 60   | bronze   | 0     | 50  | 54 | 64 | 2 33/64 | -  | -  | -  | -  |
| 33175000YK | 75   | bronze   | 0     | 25  | 90 | 80 | 3 5/32  | -  | -  | -  | -  |

### JIB SNAP 332 Knock-on type with wire gate Da ribattere, con leva a filo



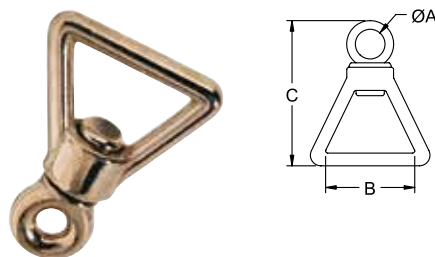
| #          | Size | Material | Color | pcs | g  | A  |         | B  |    | C  |    |
|------------|------|----------|-------|-----|----|----|---------|----|----|----|----|
|            |      |          |       |     |    | mm | in      | mm | in | mm | in |
| 33250000WK | 50   | bronze   | 0     | 50  | 32 | 50 | 1 31/32 | -  | -  | -  | -  |
| 33255000WK | 55   | bronze   | 0     | 50  | 33 | 57 | 2 1/4   | -  | -  | -  | -  |
| 33265000WK | 65   | bronze   | 0     | 50  | 50 | 66 | 2 19/32 | -  | -  | -  | -  |

- With the wire gate, they can be put on and taken off the stay one-handed.  
- Con leva in filo si mettono e si tolgono dallo strallo con una sola mano.



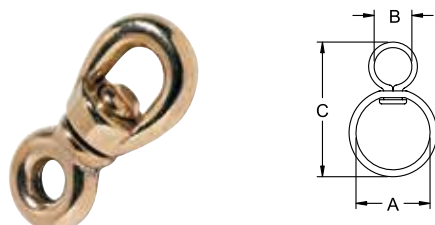


**SWIVEL 300** Triangle swivel  
Girello girevole



| #           | Size | Material | Color | pcs | g  | A  | B    | C  |
|-------------|------|----------|-------|-----|----|----|------|----|
|             |      |          |       |     |    | mm | mm   | mm |
|             |      |          |       |     |    | in | in   | in |
| 300080000YK | 8-28 | bronze   | O     | 50  | 56 | 8  | 5/16 | 28 |
| 300080N00XK | 8-28 | bronze   | N     | 50  | 56 | 8  | 5/16 | 28 |

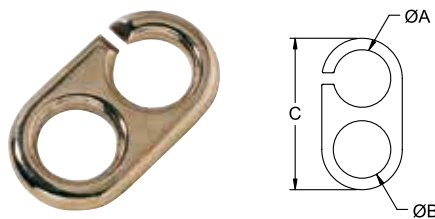
**SWIVEL 301** Round swivel  
Girello arrotondato



| #            | Size | Material | Color | pcs | g  | A  | B     | C  |
|--------------|------|----------|-------|-----|----|----|-------|----|
|              |      |          |       |     |    | mm | mm    | mm |
|              |      |          |       |     |    | in | in    | in |
| 301070N00YK  | 7-12 | bronze   | N     | 50  | 38 | 7  | 9/32  | 12 |
| 301070Y00YK  | 7-12 | bronze   | Y     | 50  | 38 | 7  | 9/32  | 12 |
| 301070Z00YK  | 7-12 | bronze   | Z     | 50  | 38 | 7  | 9/32  | 12 |
| 301090N00YK* | 9-12 | bronze   | N     | 50  | 59 | 9  | 23/64 | 12 |
| 301090Y00YK  | 9-12 | bronze   | Y     | 50  | 59 | 9  | 23/64 | 12 |
| 301090Z00YK  | 9-12 | bronze   | Z     | 50  | 59 | 9  | 23/64 | 12 |

\* On request / Su richiesta

**CONNECTION RING 308** Plate mortise for flat  
Piastra ad incastro rapido



| #           | Size | Material | Color | pcs | g  | A  | B   | C  |
|-------------|------|----------|-------|-----|----|----|-----|----|
|             |      |          |       |     |    | mm | mm  | mm |
|             |      |          |       |     |    | in | in  | in |
| 308160000XK | 16   | bronze   | O     | 50  | 33 | 16 | 5/8 | 45 |

- Ring and swivel with rapid slide-in connection.
- Particularly suited for rapid coupling of flags for signalling.
- Anello e girello con attacco rapido a incastro.
- Particolarmente adatti per l'aggancio rapido di bandiere da segnalazione.

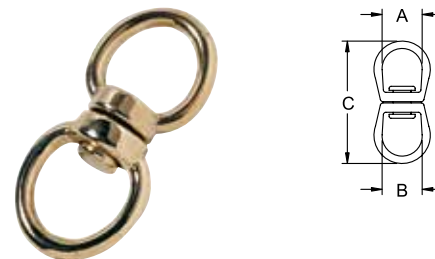
**SWIVEL 309** Swivel with notch (for mod. 308)  
Girello con tacca (per mod. 308)



| #           | Size | Material | Color | pcs | g  | A  | B   | C  |
|-------------|------|----------|-------|-----|----|----|-----|----|
|             |      |          |       |     |    | mm | mm  | mm |
|             |      |          |       |     |    | in | in  | in |
| 309160000XK | 16   | bronze   | O     | 50  | 45 | 16 | 5/8 | 67 |
| 309160N00XK | 16   | bronze   | N     | 50  | 45 | 16 | 5/8 | 67 |

- Ring and swivel with rapid slide-in connection.
- Particularly suited for rapid coupling of flags for signalling.
- Anello e girello con attacco rapido a incastri.
- Particolarmente adatti per l'aggancio rapido di bandiere da segnalazione.

**SWIVEL 320**



| #           | Size  | Material | Color | pcs | g  | A  | B     | C  |
|-------------|-------|----------|-------|-----|----|----|-------|----|
|             |       |          |       |     |    | mm | mm    | mm |
|             |       |          |       |     |    | in | in    | in |
| 320160000XK | 16-16 | bronze   | O     | 50  | 45 | 16 | 5/8   | 67 |
| 320160N00YK | 16-16 | bronze   | N     | 50  | 45 | 16 | 5/8   | 67 |
| 320210000YK | 21-21 | bronze   | O     | 50  | 50 | 21 | 53/64 | 70 |
| 320210N00YK | 21-21 | bronze   | N     | 50  | 50 | 21 | 53/64 | 70 |
| 320250000YK | 25-25 | bronze   | O     | 25  | 65 | 25 | 63/64 | 83 |
| 320250N00YK | 25-25 | bronze   | N     | 25  | 65 | 25 | 63/64 | 83 |

**SWIVEL 303** Round swivel not welded  
Girello arrotondato non saldato



| #           | Size | Material | Color | pcs | g  | A  | B     | C  |
|-------------|------|----------|-------|-----|----|----|-------|----|
|             |      |          |       |     |    | mm | mm    | mm |
|             |      |          |       |     |    | in | in    | in |
| 303100000XK | 10   | bronze   | O     | 500 | 5  | 10 | 25/64 | 30 |
| 303100N00XK | 10   | bronze   | N     | 500 | 5  | 10 | 25/64 | 30 |
| 303120000XK | 12   | bronze   | O     | 250 | 8  | 12 | 15/32 | 37 |
| 303120N00XK | 12   | bronze   | N     | 250 | 8  | 12 | 15/32 | 37 |
| 303130000XK | 13   | bronze   | O     | 250 | 9  | 13 | 33/64 | 40 |
| 303140000XK | 14   | bronze   | O     | 250 | 10 | 14 | 35/64 | 41 |
| 303140N00XK | 14   | bronze   | N     | 250 | 10 | 14 | 35/64 | 41 |
| 303150000XK | 15   | bronze   | O     | 250 | 12 | 15 | 19/32 | 43 |
| 303150N00XK | 15   | bronze   | N     | 250 | 12 | 15 | 19/32 | 43 |

**SWIVEL 313-1** Bronze swivel with open stainless steel nail  
Girello in bronzo con gancio aperto in acciaio inox



| #           | Size | Material | Color | pcs | g | A  | B     | C  |
|-------------|------|----------|-------|-----|---|----|-------|----|
|             |      |          |       |     |   | mm | mm    | mm |
|             |      |          |       |     |   | in | in    | in |
| 313101N00XK | 10   | bronze   | N     | 100 | 6 | 10 | 25/64 | 36 |

**SWIVEL 313-2** Bronze swivel with closed stainless steel nail  
Girello in bronzo con gancio chiuso in acciaio inox



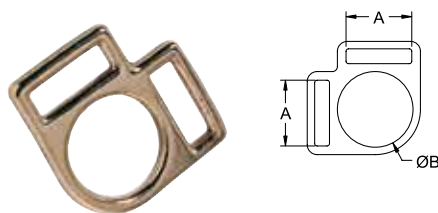
| #           | Size | Material | Color | pcs | g | A  | B     | C  |
|-------------|------|----------|-------|-----|---|----|-------|----|
|             |      |          |       |     |   | mm | mm    | mm |
|             |      |          |       |     |   | in | in    | in |
| 313102N00XK | 10   | bronze   | N     | 100 | 6 | 10 | 25/64 | 29 |

## ROUND RING 101



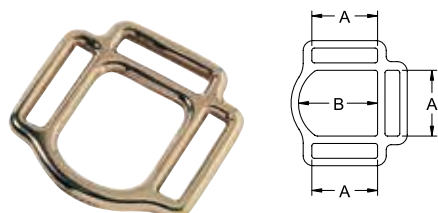
| #           | Size | Material | Color | pcs | g   | A  |         | B  |       | C  |    |
|-------------|------|----------|-------|-----|-----|----|---------|----|-------|----|----|
|             |      |          |       |     |     | mm | in      | mm | in    | mm | in |
| 101270Y00YK | 27   | bronze   | Y     | 100 | 16  | 27 | 1 1/16  | 5  | 13/64 | -  | -  |
| 101270N00YK | 27   | bronze   | N     | 100 | 16  | 27 | 1 1/16  | 5  | 13/64 | -  | -  |
| 10127Y000YK | 27   | bronze   | N     | 100 | 16  | 27 | 1 1/16  | 5  | 13/64 | -  | -  |
| 101290N00YK | 29   | bronze   | N     | 100 | 17  | 29 | 1 9/64  | 5  | 13/64 | -  | -  |
| 101290Y00YK | 29   | bronze   | Y     | 100 | 17  | 29 | 1 9/64  | 5  | 13/64 | -  | -  |
| 101320N00YK | 32   | bronze   | N     | 100 | 22  | 32 | 1 17/64 | 5  | 13/64 | -  | -  |
| 101320Y00YK | 32   | bronze   | Y     | 100 | 22  | 32 | 1 17/64 | 5  | 13/64 | -  | -  |
| 101350N00YK | 35   | bronze   | N     | 100 | 25  | 35 | 1 3/8   | 5  | 13/64 | -  | -  |
| 101350Y00YK | 35   | bronze   | Y     | 100 | 25  | 35 | 1 3/8   | 5  | 13/64 | -  | -  |
| 101380000YK | 38   | bronze   | O     | 100 | 29  | 38 | 1 1/2   | 6  | 15/64 | -  | -  |
| 101380N00YK | 38   | bronze   | N     | 100 | 29  | 38 | 1 1/2   | 6  | 15/64 | -  | -  |
| 101380Y00YK | 38   | bronze   | Y     | 100 | 29  | 38 | 1 1/2   | 6  | 15/64 | -  | -  |
| 101450000YK | 45   | bronze   | O     | 50  | 44  | 45 | 1 49/64 | 7  | 9/32  | -  | -  |
| 101450N00YK | 45   | bronze   | N     | 50  | 44  | 45 | 1 49/64 | 7  | 9/32  | -  | -  |
| 101450Y00YK | 45   | bronze   | Y     | 50  | 44  | 45 | 1 49/64 | 7  | 9/32  | -  | -  |
| 101500N00YK | 50   | bronze   | N     | 50  | 46  | 50 | 1 31/32 | 7  | 9/32  | -  | -  |
| 101500Y00YK | 50   | bronze   | Y     | 50  | 46  | 50 | 1 31/32 | 7  | 9/32  | -  | -  |
| 101650N00YK | 65   | bronze   | N     | 25  | 113 | 65 | 2 9/16  | 9  | 23/64 | -  | -  |
| 101650Y00YK | 65   | bronze   | Y     | 25  | 113 | 65 | 2 9/16  | 9  | 23/64 | -  | -  |
| 101750N00YK | 75   | bronze   | N     | 25  | 127 | 75 | 2 61/64 | 9  | 23/64 | -  | -  |
| 101750Y00YK | 75   | bronze   | Y     | 25  | 127 | 75 | 2 61/64 | 9  | 23/64 | -  | -  |

## 2 LIGHTS RING 102



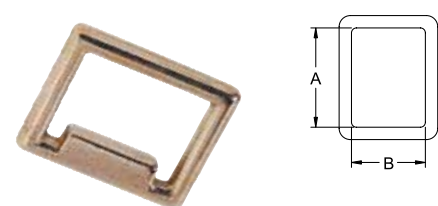
| #           | Size | Material | Color | pcs | g  | A  |        | B  |         | C  |    |
|-------------|------|----------|-------|-----|----|----|--------|----|---------|----|----|
|             |      |          |       |     |    | mm | in     | mm | in      | mm | in |
| 102160N00YK | 16   | bronze   | N     | 100 | 25 | 16 | 5/8    | 22 | 55/64   | -  | -  |
| 102160Y00YK | 16   | bronze   | Y     | 100 | 25 | 16 | 5/8    | 22 | 55/64   | -  | -  |
| 102190N00YK | 19   | bronze   | N     | 100 | 28 | 19 | 3/4    | 22 | 55/64   | -  | -  |
| 102190Y00YK | 19   | bronze   | Y     | 100 | 28 | 19 | 3/4    | 22 | 55/64   | -  | -  |
| 102200N00YK | 20   | bronze   | N     | 100 | 34 | 20 | 25/32  | 32 | 1 17/64 | -  | -  |
| 102200Y00YK | 20   | bronze   | Y     | 100 | 34 | 20 | 25/32  | 32 | 1 17/64 | -  | -  |
| 102270000YK | 27   | bronze   | O     | 100 | 42 | 27 | 1 1/16 | 31 | 1 7/32  | -  | -  |
| 102270N00YK | 27   | bronze   | N     | 100 | 42 | 27 | 1 1/16 | 31 | 1 7/32  | -  | -  |
| 102270Y00YK | 27   | bronze   | Y     | 100 | 42 | 27 | 1 1/16 | 31 | 1 7/32  | -  | -  |

## 3 LIGHTS RING 103



| #           | Size | Material | Color | pcs | g  | A  |        | B  |         | C  |    |
|-------------|------|----------|-------|-----|----|----|--------|----|---------|----|----|
|             |      |          |       |     |    | mm | in     | mm | in      | mm | in |
| 103200N00YK | 20   | bronze   | N     | 100 | 36 | 20 | 25/32  | 23 | 29/32   | -  | -  |
| 103200Y00YK | 20   | bronze   | Y     | 100 | 36 | 20 | 25/32  | 23 | 29/32   | -  | -  |
| 103270000YK | 27   | bronze   | O     | 100 | 44 | 27 | 1 1/16 | 32 | 1 17/64 | -  | -  |
| 103270N00YK | 27   | bronze   | N     | 100 | 44 | 27 | 1 1/16 | 32 | 1 17/64 | -  | -  |
| 103270Y00YK | 27   | bronze   | Y     | 100 | 44 | 27 | 1 1/16 | 32 | 1 17/64 | -  | -  |
| 103290N00YK | 29   | bronze   | N     | 100 | 47 | 29 | 1 9/64 | 33 | 1 19/64 | -  | -  |
| 103290Y00YK | 29   | bronze   | Y     | 100 | 47 | 29 | 1 9/64 | 33 | 1 19/64 | -  | -  |

## RECTANGULAR RING 104



| #           | Size | Material | Color | pcs | g  | A  |        | B  |       | C  |    |
|-------------|------|----------|-------|-----|----|----|--------|----|-------|----|----|
|             |      |          |       |     |    | mm | in     | mm | in    | mm | in |
| 104260000XK | 26   | bronze   | O     | 100 | 15 | 26 | 1 1/32 | 16 | 5/8   | -  | -  |
| 104260Y00XK | 26   | bronze   | Y     | 100 | 15 | 26 | 1 1/32 | 16 | 5/8   | -  | -  |
| 104310Y00XK | 31   | bronze   | Y     | 100 | 27 | 31 | 1 7/32 | 21 | 53/64 | -  | -  |

## SQUARE RING 105



| #           | Size | Material | Color | pcs | g | A  |       | B  |       | C  |    |
|-------------|------|----------|-------|-----|---|----|-------|----|-------|----|----|
|             |      |          |       |     |   | mm | in    | mm | in    | mm | in |
| 105200N00XK | 20   | bronze   | N     | 200 | 9 | 20 | 25/32 | 20 | 25/32 | -  | -  |
| 105200Y00XK | 20   | bronze   | Y     | 200 | 9 | 20 | 25/32 | 20 | 25/32 | -  | -  |
| 10520Y000XK | 20   | bronze   | N     | 200 | 9 | 20 | 25/32 | 20 | 25/32 | -  | -  |

## OVAL RING 107



| #            | Size | Material | Color | pcs | g | A  |        | B  |      | C  |    |
|--------------|------|----------|-------|-----|---|----|--------|----|------|----|----|
|              |      |          |       |     |   | mm | in     | mm | in   | mm | in |
| 107200N00XK* | 20.5 | bronze   | N     | 200 | 3 | 21 | 53/64  | 7  | 9/32 | -  | -  |
| 107200Y00XK  | 20.5 | bronze   | Y     | 200 | 3 | 21 | 53/64  | 7  | 9/32 | -  | -  |
| 107270N00XK* | 27   | bronze   | N     | 200 | 4 | 27 | 1 1/16 | 7  | 9/32 | -  | -  |
| 107270Y00XK  | 27   | bronze   | Y     | 200 | 4 | 27 | 1 1/16 | 7  | 9/32 | -  | -  |

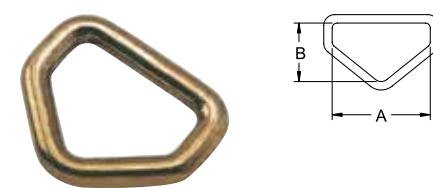
\* On request / Su richiesta

## RECTANGULAR RING 108



| #           | Size | Material | Color | pcs | g | A  |        | B  |      | C  |    |
|-------------|------|----------|-------|-----|---|----|--------|----|------|----|----|
|             |      |          |       |     |   | mm | in     | mm | in   | mm | in |
| 108220Y00XK | 22   | bronze   | Y     | 500 | 4 | 22 | 55/64  | 7  | 9/32 | -  | -  |
| 108270Y00XK | 27   | bronze   | Y     | 500 | 4 | 27 | 1 1/16 | 7  | 9/32 | -  | -  |

## TRIANGULAR RING 122



| #           | Size | Material | Color | pcs | g  | A  |        | B  |       | C  |    |
|-------------|------|----------|-------|-----|----|----|--------|----|-------|----|----|
|             |      |          |       |     |    | mm | in     | mm | in    | mm | in |
| 122270Y00XK |      | bronze   | Y     | 200 | 18 | 27 | 1 1/16 | 20 | 25/32 | -  | -  |

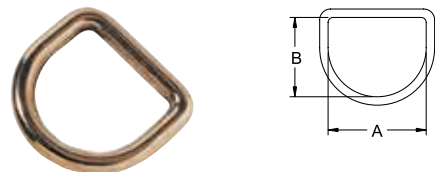
## D RING LIGHT 123



| #           | Size | Material | Color | pcs | g | A  |         | B  |       | C  |    |
|-------------|------|----------|-------|-----|---|----|---------|----|-------|----|----|
|             |      |          |       |     |   | mm | in      | mm | in    | mm | in |
| 123140N00XK | 14   | bronze   | N     | 500 | 5 | 14 | 35/64   | 11 | 7/16  | -  | -  |
| 123140Y00XK | 14   | bronze   | Y     | 500 | 5 | 14 | 35/64   | 11 | 7/16  | -  | -  |
| 123170N00XK | 17   | bronze   | N     | 250 | 6 | 17 | 43/64   | 13 | 33/64 | -  | -  |
| 123170Y00XK | 17   | bronze   | Y     | 250 | 6 | 17 | 43/64   | 13 | 33/64 | -  | -  |
| 12317Y000XK | 17   | bronze   | N     | 250 | 6 | 17 | 43/64   | 13 | 33/64 | -  | -  |
| 123210000XK | 21   | bronze   | O     | 250 | 7 | 21 | 53/64   | 14 | 35/64 | -  | -  |
| 123210N00XK | 21   | bronze   | N     | 250 | 7 | 21 | 53/64   | 14 | 35/64 | -  | -  |
| 123210Y00XK | 21   | bronze   | Y     | 250 | 7 | 21 | 53/64   | 14 | 35/64 | -  | -  |
| 123270000XK | 27   | bronze   | O     | 250 | 9 | 27 | 1 1/16  | 17 | 43/64 | -  | -  |
| 123270N00XK | 27   | bronze   | N     | 250 | 9 | 27 | 1 1/16  | 17 | 43/64 | -  | -  |
| 123270Y00XK | 27   | bronze   | Y     | 250 | 9 | 27 | 1 1/16  | 17 | 43/64 | -  | -  |
| 12327Y000XK | 27   | bronze   | N     | 250 | 9 | 27 | 1 1/16  | 17 | 43/64 | -  | -  |
| 123290000XK | 29   | bronze   | O     | 200 | 5 | 29 | 1 9/64  | 21 | 53/64 | -  | -  |
| 123290N00XK | 29   | bronze   | N     | 200 | 5 | 29 | 1 9/64  | 21 | 53/64 | -  | -  |
| 123290Y00XK | 29   | bronze   | Y     | 200 | 5 | 29 | 1 9/64  | 21 | 53/64 | -  | -  |
| 123360Y00XK | 36   | bronze   | Y     | 100 | 8 | 36 | 1 27/64 | 21 | 53/64 | -  | -  |



**D RING HEAVY 140**



| #           | Size | Material | Color | pcs | g  | A  |         | B  |         | C  |    |
|-------------|------|----------|-------|-----|----|----|---------|----|---------|----|----|
|             |      |          |       |     |    | mm | in      | mm | in      | mm | in |
| 140180N00XK | 18   | bronze   | N     | 250 | 5  | 18 | 23/32   | 18 | 23/32   | -  | -  |
| 140180Y00YK | 18   | bronze   | Y     | 250 | 5  | 18 | 23/32   | 18 | 23/32   | -  | -  |
| 140250000YK | 25   | bronze   | O     | 100 | 15 | 25 | 63/64   | 23 | 29/32   | -  | -  |
| 140250C00XK | 25   | bronze   | C     | 100 | 16 | 25 | 63/64   | 23 | 29/32   | -  | -  |
| 140250N00XK | 25   | bronze   | N     | 100 | 15 | 25 | 63/64   | 23 | 29/32   | -  | -  |
| 140250Y00YK | 25   | bronze   | Y     | 100 | 15 | 25 | 63/64   | 23 | 29/32   | -  | -  |
| 140400N00XK | 40   | bronze   | N     | 100 | 33 | 40 | 1 37/64 | 35 | 1.3/8   | -  | -  |
| 140400Y00YK | 40   | bronze   | Y     | 100 | 33 | 40 | 1 37/64 | 35 | 1.3/8   | -  | -  |
| 140530N00XK | 53   | bronze   | N     | 50  | 70 | 53 | 2 3/32  | 46 | 1 13/16 | -  | -  |
| 140530Y00YK | 53   | bronze   | Y     | 50  | 70 | 53 | 2 3/32  | 46 | 1 13/16 | -  | -  |

**RECTANGULAR RING 177**



| #           | Size | Material | Color | pcs | g  | A  |       | B  |       | C  |    |
|-------------|------|----------|-------|-----|----|----|-------|----|-------|----|----|
|             |      |          |       |     |    | mm | in    | mm | in    | mm | in |
| 177200000XK | 20   | bronze   | O     | 100 | 11 | 20 | 25/32 | 12 | 15/32 | -  | -  |
| 177200N00XK | 20   | bronze   | N     | 100 | 11 | 20 | 25/32 | 12 | 15/32 | -  | -  |

**BUCKLE 125**



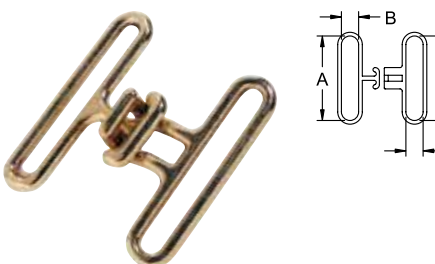
| #           | Size  | Material | Color | pcs | g  | A  |       | B  |      | C  |    |
|-------------|-------|----------|-------|-----|----|----|-------|----|------|----|----|
|             |       |          |       |     |    | mm | in    | mm | in   | mm | in |
| 125250N00XK | 25x11 | bronze   | N     | 32  | 21 | 25 | 63/64 | 11 | 7/16 | -  | -  |
| 125250Y00XK | 25x11 | bronze   | Y     | 32  | 21 | 25 | 63/64 | 11 | 7/16 | -  | -  |

**BUCKLE 129** 2 lights  
2 luci



| #           | Size | Material | Color | pcs | g  | A  |        | B  |       | C  |    |
|-------------|------|----------|-------|-----|----|----|--------|----|-------|----|----|
|             |      |          |       |     |    | mm | in     | mm | in    | mm | in |
| 129200Y00XK | 20   | bronze   | Y     | 250 | 8  | 20 | 25/32  | 7  | 9/32  | -  | -  |
| 129250N00XK | 25   | bronze   | N     | 200 | 11 | 25 | 63/64  | 6  | 15/64 | -  | -  |
| 129250Y00XK | 25   | bronze   | Y     | 200 | 11 | 25 | 63/64  | 6  | 15/64 | -  | -  |
| 129280N00XK | 28   | bronze   | N     | 200 | 14 | 28 | 1 7/64 | 8  | 5/16  | -  | -  |
| 129280Y00XK | 28   | bronze   | Y     | 200 | 14 | 28 | 1 7/64 | 8  | 5/16  | -  | -  |

**BUCKLE 191** Buckle mortise 2 pcs  
Fibbia a incastro rapido, 2 pz



| #           | Size | Material | Color | pcs | g  | A  |         | B  |       | C  |    |
|-------------|------|----------|-------|-----|----|----|---------|----|-------|----|----|
|             |      |          |       |     |    | mm | in      | mm | in    | mm | in |
| 191500N00XK | 50   | bronze   | N     | 50  | 35 | 50 | 1 31/32 | 5  | 13/64 | -  | -  |
| 191500Y00YK | 50   | bronze   | Y     | 50  | 35 | 50 | 1 31/32 | 5  | 13/64 | -  | -  |

**BUCKLE 192** Double buckle for mod. 191  
Fibbia doppia per mod. 191



| #           | Size | Material | Color | pcs | g  | A  |         | B  |       | C  |    |
|-------------|------|----------|-------|-----|----|----|---------|----|-------|----|----|
|             |      |          |       |     |    | mm | in      | mm | in    | mm | in |
| 192500000YK | 50   | bronze   | O     | 100 | 14 | 50 | 1 31/32 | 5  | 13/64 | -  | -  |
| 192500N00XK | 50   | bronze   | N     | 100 | 14 | 50 | 1 31/32 | 5  | 13/64 | -  | -  |
| 192500Y00YK | 50   | bronze   | Y     | 100 | 14 | 50 | 1 31/32 | 5  | 13/64 | -  | -  |

### SIMPLE BUCKLE ROLLER 132



| #           | Size | Material | Color | pcs | g  | A  |        | B  |        | C  |    |
|-------------|------|----------|-------|-----|----|----|--------|----|--------|----|----|
|             |      |          |       |     |    | mm | in     | mm | in     | mm | in |
| 132160N00XK | 16   | bronze   | N     | 250 | 7  | 16 | 5/8    | 14 | 35/64  | -  | -  |
| 132160Y00YK | 16   | bronze   | Y     | 250 | 7  | 16 | 5/8    | 14 | 35/64  | -  | -  |
| 132200N00XK | 20   | bronze   | N     | 200 | 13 | 20 | 25/32  | 18 | 23/32  | -  | -  |
| 132200Y00YK | 20   | bronze   | Y     | 200 | 13 | 20 | 25/32  | 18 | 23/32  | -  | -  |
| 132300N00XK | 30   | bronze   | N     | 100 | 26 | 30 | 1 3/16 | 27 | 1 1/16 | -  | -  |

### SIMPLE BUCKLE 144



| #           | Size | Material | Color | pcs | g  | A  |       | B  |        | C  |    |
|-------------|------|----------|-------|-----|----|----|-------|----|--------|----|----|
|             |      |          |       |     |    | mm | in    | mm | in     | mm | in |
| 144250N00XK | 25   | bronze   | N     | 100 | 23 | 25 | 63/64 | 30 | 1 3/16 | -  | -  |
| 144250Y00YK | 25   | bronze   | Y     | 100 | 23 | 25 | 63/64 | 30 | 1 3/16 | -  | -  |

### SIMPLE BUCKLE 161 Half-round Semi-circolare



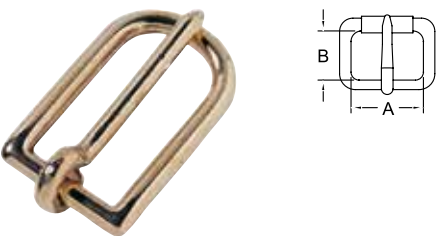
| #           | Size | Material | Color | pcs | g  | A  |       | B  |       | C  |    |
|-------------|------|----------|-------|-----|----|----|-------|----|-------|----|----|
|             |      |          |       |     |    | mm | in    | mm | in    | mm | in |
| 161130N00YK | 13   | bronze   | N     | 250 | 11 | 13 | 33/64 | 16 | 5/8   | -  | -  |
| 161130Y00YK | 13   | bronze   | Y     | 250 | 11 | 13 | 33/64 | 16 | 5/8   | -  | -  |
| 161160N00YK | 16   | bronze   | N     | 250 | 13 | 16 | 5/8   | 18 | 23/32 | -  | -  |
| 161160Y00YK | 16   | bronze   | Y     | 250 | 13 | 16 | 5/8   | 18 | 23/32 | -  | -  |
| 161210N00YK | 21   | bronze   | N     | 100 | 19 | 21 | 53/64 | 19 | 3/4   | -  | -  |
| 161210Y00YK | 21   | bronze   | Y     | 100 | 19 | 21 | 53/64 | 19 | 3/4   | -  | -  |
| 161210000YK | 21   | bronze   | O     | 100 | 19 | 21 | 53/64 | 19 | 3/4   | -  | -  |

### SIMPLE BUCKLE 176



| #           | Size | Material | Color | pcs | g  | A  |        | B  |        | C  |    |
|-------------|------|----------|-------|-----|----|----|--------|----|--------|----|----|
|             |      |          |       |     |    | mm | in     | mm | in     | mm | in |
| 176260N00XK | 26   | bronze   | N     | 100 | 15 | 26 | 1 1/32 | 28 | 1 7/64 | -  | -  |
| 176260Y00YK | 26   | bronze   | Y     | 100 | 15 | 26 | 1 1/32 | 28 | 1 7/64 | -  | -  |

### SIMPLE BUCKLE 185 Long Lunga



| #           | Size | Material | Color | pcs | g  | A  |       | B  |         | C  |    |
|-------------|------|----------|-------|-----|----|----|-------|----|---------|----|----|
|             |      |          |       |     |    | mm | in    | mm | in      | mm | in |
| 185220N00XK | 22   | bronze   | N     | 100 | 38 | 22 | 55/64 | 43 | 1 11/16 | -  | -  |
| 185220Y00YK | 22   | bronze   | Y     | 100 | 38 | 22 | 55/64 | 43 | 1 11/16 | -  | -  |

### SIMPLE BUCKLE ROLLER 186



| #           | Size | Material | Color | pcs | g  | A  |       | B  |       | C  |    |
|-------------|------|----------|-------|-----|----|----|-------|----|-------|----|----|
|             |      |          |       |     |    | mm | in    | mm | in    | mm | in |
| 186180N00XK | 18   | bronze   | N     | 200 | 18 | 18 | 23/32 | 19 | 3/4   | -  | -  |
| 186180Y00YK | 18   | bronze   | Y     | 200 | 18 | 18 | 23/32 | 19 | 3/4   | -  | -  |
| 186210N00YK | 21   | bronze   | N     | 200 | 20 | 21 | 53/64 | 21 | 53/64 | -  | -  |
| 186210Y00YK | 21   | bronze   | Y     | 200 | 20 | 21 | 53/64 | 21 | 53/64 | -  | -  |

### SIMPLE BUCKLE 171



| #           | Size | Material | Color | pcs | g  | A  |       | B  |       | C  |    |
|-------------|------|----------|-------|-----|----|----|-------|----|-------|----|----|
|             |      |          |       |     |    | mm | in    | mm | in    | mm | in |
| 171140N00YK | 14   | bronze   | N     | 200 | 8  | 14 | 35/64 | 17 | 43/64 | -  | -  |
| 171140Y00YK | 14   | bronze   | Y     | 200 | 8  | 14 | 35/64 | 17 | 43/64 | -  | -  |
| 171170000YK | 17   | bronze   | O     | 250 | 10 | 17 | 43/64 | 20 | 25/32 | -  | -  |
| 171170N00YK | 17   | bronze   | N     | 250 | 10 | 17 | 43/64 | 20 | 25/32 | -  | -  |
| 171170Y00YK | 17   | bronze   | Y     | 250 | 10 | 17 | 43/64 | 20 | 25/32 | -  | -  |

### SIMPLE BUCKLE 172



| #            | Size | Material | Color | pcs | g | A  |       | B  |       | C  |    |
|--------------|------|----------|-------|-----|---|----|-------|----|-------|----|----|
|              |      |          |       |     |   | mm | in    | mm | in    | mm | in |
| 172120N00XK  | 12   | bronze   | N     | 250 | 6 | 12 | 15/32 | 17 | 43/64 | -  | -  |
| 172120Y00YK  | 12   | bronze   | Y     | 250 | 6 | 12 | 15/32 | 17 | 43/64 | -  | -  |
| 172150N00XK* | 15   | bronze   | N     | 250 | 8 | 15 | 19/32 | 18 | 23/32 | -  | -  |
| 172150Y00YK  | 15   | bronze   | Y     | 250 | 8 | 15 | 19/32 | 18 | 23/32 | -  | -  |

\* On request / Su richiesta

### SIMPLE BUCKLE ROLLER 178



| #           | Size | Material | Color | pcs | g | A  |       | B  |       | C  |    |
|-------------|------|----------|-------|-----|---|----|-------|----|-------|----|----|
|             |      |          |       |     |   | mm | in    | mm | in    | mm | in |
| 178140000XK | 14   | bronze   | O     | 500 | 7 | 14 | 35/64 | 12 | 15/32 | -  | -  |
| 178140N00XK | 14   | bronze   | N     | 500 | 7 | 14 | 35/64 | 12 | 15/32 | -  | -  |
| 178140Y00YK | 14   | bronze   | Y     | 500 | 7 | 14 | 35/64 | 12 | 15/32 | -  | -  |

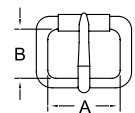
### SIMPLE BUCKLE ROLLER 179



| #           | Size | Material | Color | pcs | g  | A  |        | B  |        | C  |    |
|-------------|------|----------|-------|-----|----|----|--------|----|--------|----|----|
|             |      |          |       |     |    | mm | in     | mm | in     | mm | in |
| 179260N00YK | 26   | bronze   | N     | 100 | 19 | 26 | 1 1/32 | 21 | 53/64  | -  | -  |
| 179260Y00YK | 26   | bronze   | Y     | 100 | 19 | 26 | 1 1/32 | 21 | 53/64  | -  | -  |
| 179350N00YK | 35   | bronze   | N     | 100 | 39 | 35 | 1 3/8  | 26 | 1 1/32 | -  | -  |
| 179350Y00YK | 35   | bronze   | Y     | 100 | 39 | 35 | 1 3/8  | 26 | 1 1/32 | -  | -  |

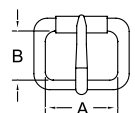


### HEAVY DUTY BUCKLE 180



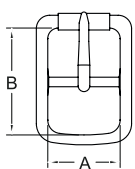
| #           | Size | Material | Color | pcs | g  | A  | B      | C  |
|-------------|------|----------|-------|-----|----|----|--------|----|
|             |      |          |       |     |    | mm | in     | mm |
| 180260N00YK | 26   | bronze   | N     | 100 | 30 | 26 | 1 1/32 | 28 |
|             |      |          |       |     |    | mm | in     | mm |
|             |      |          |       |     |    |    |        |    |

### SIMPLE BUCKLE 187



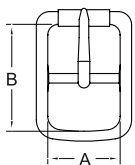
| #           | Size | Material | Color | pcs | g  | A  | B      | C  |
|-------------|------|----------|-------|-----|----|----|--------|----|
|             |      |          |       |     |    | mm | in     | mm |
| 187270N00YK | 27   | bronze   | N     | 250 | 24 | 27 | 1 1/16 | 29 |
| 187270Y00YK | 27   | bronze   | Y     | 250 | 24 | 27 | 1 1/16 | 29 |

### CENTER BAR BUCKLE 135



| #           | Size | Material | Color | pcs | g  | A  | B      | C  |
|-------------|------|----------|-------|-----|----|----|--------|----|
|             |      |          |       |     |    | mm | in     | mm |
| 135270N00XK | 27   | bronze   | N     | 100 | 32 | 27 | 1 1/16 | 41 |
| 135270Y00XK | 27   | bronze   | Y     | 100 | 32 | 27 | 1 1/16 | 41 |

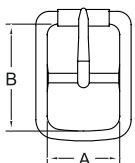
### CENTER BAR BUCKLE 154



| #            | Size | Material | Color | pcs | g  | A  | B      | C  |
|--------------|------|----------|-------|-----|----|----|--------|----|
|              |      |          |       |     |    | mm | in     | mm |
| 154120N00YK  | 12   | bronze   | N     | 250 | 9  | 12 | 15/32  | 19 |
| 154120Y00YK  | 12   | bronze   | Y     | 250 | 9  | 12 | 15/32  | 19 |
| 154130N00YK  | 13   | bronze   | N     | 250 | 10 | 13 | 33/64  | 25 |
| 154130Y00YK  | 13   | bronze   | Y     | 250 | 10 | 13 | 33/64  | 25 |
| 154170N00YK  | 17   | bronze   | N     | 200 | 11 | 17 | 43/64  | 26 |
| 154170Y00YK* | 17   | bronze   | Y     | 200 | 11 | 17 | 43/64  | 26 |
| 154200N00YK  | 20   | bronze   | N     | 200 | 13 | 20 | 25/32  | 32 |
| 154200Y00YK  | 20   | bronze   | Y     | 200 | 13 | 20 | 25/32  | 32 |
| 154270N00YK  | 27   | bronze   | N     | 100 | 29 | 27 | 1 1/16 | 43 |
| 154270Y00YK  | 27   | bronze   | Y     | 100 | 29 | 27 | 1 1/16 | 43 |

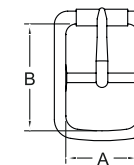
\* On request / Su richiesta

### CENTER BAR BUCKLE 157 Oval Ovale



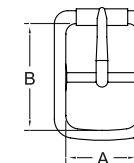
| #           | Size | Material | Color | pcs | g  | A  | B      | C  |
|-------------|------|----------|-------|-----|----|----|--------|----|
|             |      |          |       |     |    | mm | in     | mm |
| 157200N00YK | 20   | bronze   | N     | 100 | 24 | 20 | 25/32  | 36 |
| 157200Y00YK | 20   | bronze   | Y     | 100 | 24 | 20 | 25/32  | 36 |
| 157220N00YK | 22   | bronze   | N     | 100 | 36 | 22 | 55/64  | 42 |
| 157220Y00YK | 22   | bronze   | Y     | 100 | 36 | 22 | 55/64  | 42 |
| 157260N00YK | 26   | bronze   | N     | 50  | 39 | 26 | 1 1/32 | 45 |
| 157260Y00YK | 26   | bronze   | Y     | 50  | 39 | 26 | 1 1/32 | 45 |

### CENTER BAR BUCKLE ROLLER 163



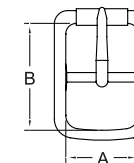
| #           | Size | Material | Color | pcs | g | A  | B     | C  |
|-------------|------|----------|-------|-----|---|----|-------|----|
|             |      |          |       |     |   | mm | in    | mm |
| 163140N00XK | 14   | bronze   | N     | 250 | 5 | 14 | 35/64 | 18 |
| 163140Y00XK | 14   | bronze   | Y     | 250 | 5 | 14 | 35/64 | 18 |

### CENTER BAR BUCKLE ROLLER 174



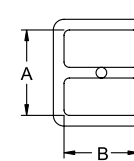
| #           | Size | Material | Color | pcs | g  | A  | B     | C  |
|-------------|------|----------|-------|-----|----|----|-------|----|
|             |      |          |       |     |    | mm | in    | mm |
| 174200N00XK | 20   | bronze   | N     | 100 | 15 | 20 | 25/32 | 30 |
| 174200Y00YK | 20   | bronze   | Y     | 100 | 15 | 20 | 25/32 | 30 |

### CENTER BAR BUCKLE ROLLER 175



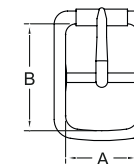
| #           | Size | Material | Color | pcs | g  | A  | B      | C  |
|-------------|------|----------|-------|-----|----|----|--------|----|
|             |      |          |       |     |    | mm | in     | mm |
| 175160N00YK | 16   | bronze   | N     | 200 | 8  | 16 | 5/8    | 21 |
| 175160Y00YK | 16   | bronze   | Y     | 200 | 8  | 16 | 5/8    | 21 |
| 17516YN00YK | 16   | bronze   | N     | 200 | 8  | 16 | 5/8    | 21 |
| 175180N00XK | 18   | bronze   | N     | 200 | 11 | 18 | 23/32  | 23 |
| 175180Y00YK | 18   | bronze   | Y     | 200 | 11 | 18 | 23/32  | 23 |
| 175200N00YK | 20   | bronze   | N     | 100 | 14 | 20 | 25/32  | 25 |
| 175200Y00YK | 20   | bronze   | Y     | 100 | 14 | 20 | 25/32  | 25 |
| 175220N00YK | 22   | bronze   | N     | 100 | 16 | 22 | 55/64  | 26 |
| 175220Y00YK | 22   | bronze   | Y     | 100 | 16 | 22 | 55/64  | 26 |
| 175270N00YK | 27   | bronze   | N     | 100 | 30 | 27 | 1 1/16 | 31 |
| 175270Y00YK | 27   | bronze   | Y     | 100 | 30 | 27 | 1 1/16 | 31 |

### CENTER BAR BUCKLE 149



| #           | Size | Material | Color | pcs | g  | A  | B      | C  |
|-------------|------|----------|-------|-----|----|----|--------|----|
|             |      |          |       |     |    | mm | in     | mm |
| 149160N00YK | 16   | bronze   | N     | 250 | 14 | 16 | 5/8    | 27 |
| 149160Y00YK | 16   | bronze   | Y     | 250 | 14 | 16 | 5/8    | 27 |
| 149190000XK | 19   | bronze   | N     | 200 | 16 | 19 | 3/4    | 31 |
| 149190N00YK | 19   | bronze   | N     | 200 | 16 | 19 | 3/4    | 31 |
| 149190Y00YK | 19   | bronze   | Y     | 200 | 16 | 19 | 3/4    | 31 |
| 149260N00YK | 26   | bronze   | N     | 100 | 25 | 26 | 1 1/32 | 39 |
| 149260Y00YK | 26   | bronze   | Y     | 100 | 25 | 26 | 1 1/32 | 39 |

### CENTER ROLLER BUCKLE 181



| #           | Size | Material | Color | pcs | g  | A  | B     | C  |
|-------------|------|----------|-------|-----|----|----|-------|----|
|             |      |          |       |     |    | mm | in    | mm |
| 181220N00YK | 22   | bronze   | N     | 100 | 32 | 22 | 55/64 | 38 |
| 181220Y00YK | 22   | bronze   | Y     | 100 | 32 | 22 | 55/64 | 38 |

### CENTER BAR BUCKLE 182



| #           | Size | Material | Color | pcs | g  | A  |        | B  |        | C  |    |
|-------------|------|----------|-------|-----|----|----|--------|----|--------|----|----|
|             |      |          |       |     |    | mm | in     | mm | in     | mm | in |
| 18214X000XK | 14   | bronze   | 0     | 100 | 8  | 14 | 35/64  | 20 | 25/32  | -  | -  |
| 182210000XK | 21   | bronze   | 0     | 100 | 13 | 21 | 53/64  | 25 | 63/64  | -  | -  |
| 182270000XK | 27   | bronze   | 0     | 100 | 20 | 27 | 1 1/16 | 29 | 1 9/64 | -  | -  |

### CENTER BAR BUCKLE 183



| #           | Size | Material | Color | pcs | g  | A  |        | B  |         | C  |    |
|-------------|------|----------|-------|-----|----|----|--------|----|---------|----|----|
|             |      |          |       |     |    | mm | in     | mm | in      | mm | in |
| 183280N00XK | 28   | bronze   | N     | 100 | 46 | 28 | 1 7/64 | 43 | 1 11/16 | -  | -  |
| 183280Y00XK | 28   | bronze   | Y     | 100 | 46 | 28 | 1 7/64 | 43 | 1 11/16 | -  | -  |

### BUCKLE 923 2 lights buckle



| #           | Size | Material        | Color | pcs | g  | A  |         | B  |         | C  |       | D  |       |
|-------------|------|-----------------|-------|-----|----|----|---------|----|---------|----|-------|----|-------|
|             |      |                 |       |     |    | mm | in      | mm | in      | mm | in    | mm | in    |
| 923A302N0XK | 30   | alu alloy       | ■     | 50  | 12 | 32 | 1 17/64 | 35 | 1 3/8   | 7  | 9/32  | 5  | 13/64 |
| 923A302P0XK | 30   | alu alloy       | □     | 50  | 12 | 32 | 1 17/64 | 35 | 1 3/8   | 7  | 9/32  | 5  | 13/64 |
| 923A442B0XK | 44   | alu alloy       | ■     | 50  | 17 | 44 | 1 47/64 | 41 | 1 39/64 | 9  | 23/64 | 6  | 15/64 |
| 923A442N0XK | 44   | alu alloy       | ■     | 50  | 17 | 44 | 1 47/64 | 41 | 1 39/64 | 9  | 23/64 | 6  | 15/64 |
| 923A442P0XK | 44   | alu alloy       | □     | 50  | 17 | 44 | 1 47/64 | 41 | 1 39/64 | 9  | 23/64 | 6  | 15/64 |
| 923I44200XK | 44   | stainless steel | □     | 50  | 39 | 44 | 1 47/64 | 41 | 1 39/64 | 9  | 23/64 | 6  | 15/64 |

### BUCKLE 924



| #           | Size | Material     | Color | pcs | g  | A  |         | B  |         | C  |       |
|-------------|------|--------------|-------|-----|----|----|---------|----|---------|----|-------|
|             |      |              |       |     |    | mm | in      | mm | in      | mm | in    |
| 924A301N0XK | 30   | alu alloy    | ■     | 50  | 8  | 32 | 1 17/64 | 35 | 1 3/8   | 21 | 53/64 |
| 924A441B0XK | 44   | alu alloy    | ■     | 50  | 12 | 44 | 1 47/64 | 40 | 1 37/64 | 25 | 63/64 |
| 924A441N0XK | 44   | alu alloy    | ■     | 50  | 12 | 44 | 1 47/64 | 40 | 1 37/64 | 25 | 63/64 |
| 924A441P0XK | 44   | alu alloy    | □     | 50  | 12 | 44 | 1 47/64 | 40 | 1 37/64 | 25 | 63/64 |
| 924F4410ZKX | 44   | carbon steel | ■     | 50  | 47 | 44 | 1 47/64 | 45 | 1 49/64 | 25 | 63/64 |

### BUCKLE 925 2 lights round buckle



| #           | Size | Material  | Color | pcs | g  | A  |         | B  |       | C  |       | D  |        |
|-------------|------|-----------|-------|-----|----|----|---------|----|-------|----|-------|----|--------|
|             |      |           |       |     |    | mm | in      | mm | in    | mm | in    | mm | in     |
| 925A442N0XK | 44   | alu alloy | ■     | 100 | 25 | 44 | 1 47/64 | 6  | 15/64 | 18 | 45/64 | 79 | 3 7/64 |

### BUCKLE 926 2 lights buckle



| #           | Size | Material     | Color | pcs | g  | A  |         | B  |       | C  |       | D  |         |
|-------------|------|--------------|-------|-----|----|----|---------|----|-------|----|-------|----|---------|
|             |      |              |       |     |    | mm | in      | mm | in    | mm | in    | mm | in      |
| 926A462P0XK | 46   | alu alloy    | □     | -   | 24 | 44 | 1 47/64 | 6  | 15/64 | 17 | 43/64 | 61 | 2 13/32 |
| 926F462Z0XK | 46   | carbon steel | ■     | -   | 60 | 44 | 1 47/64 | 6  | 15/64 | 17 | 43/64 | 61 | 2 13/32 |

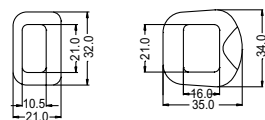
### BUCKLE 929 2 lights buckle



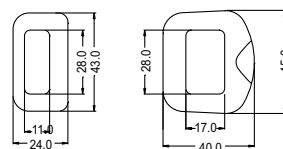
| #           | Size | Material        | Color | pcs | g  | A  |         | B  |        | C  |       |
|-------------|------|-----------------|-------|-----|----|----|---------|----|--------|----|-------|
|             |      |                 |       |     |    | mm | in      | mm | in     | mm | in    |
| 929F4420ZKX | 44   | carbon steel    | ■     | 50  | 37 | 44 | 1 47/64 | 29 | 1 9/64 | 5  | 13/64 |
| 929I44200XK | 44   | stainless steel | □     | 50  | 23 | 44 | 1 47/64 | 26 | 1 1/32 | 5  | 13/64 |



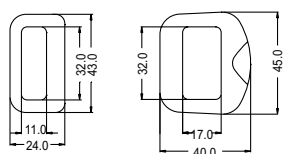
**BUCKLE 927** Self-locking buckle with rectangular counter-buckle  
Fibbia autobloccante con contro-fibbia rettangolare



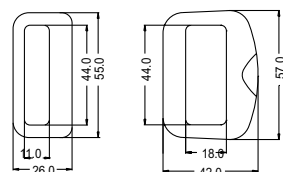
| #           | Size | Material     | Color | pcs | g  |
|-------------|------|--------------|-------|-----|----|
| 927F211N0XK | 21   | carbon steel | ■     | 50  | 28 |



| #           | Size | Material     | Color | pcs | g  |
|-------------|------|--------------|-------|-----|----|
| 927F281N0XK | 28   | carbon steel | ■     | 50  | 40 |

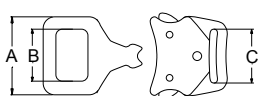


| #           | Size | Material     | Color | pcs | g  |
|-------------|------|--------------|-------|-----|----|
| 927F321N0XK | 32   | carbon steel | ■     | 50  | 39 |

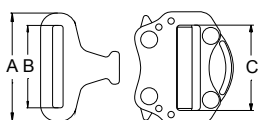


| #           | Size | Material     | Color | pcs | g  |
|-------------|------|--------------|-------|-----|----|
| 927F441N0XK | 44   | carbon steel | ■     | 50  | 51 |

**BUCKLE 928** Fast buckle  
Fibbia automatica



| #           | Size | Material  | Color | pcs | g  | A  | B       | C  |        |    |        |
|-------------|------|-----------|-------|-----|----|----|---------|----|--------|----|--------|
|             |      |           |       |     |    | mm | in      | mm | in     | mm | in     |
| 928A282N0XK | 28   | alu alloy | ■     | 50  | 39 | 43 | 1 11/16 | 28 | 1 7/64 | 28 | 1 7/64 |



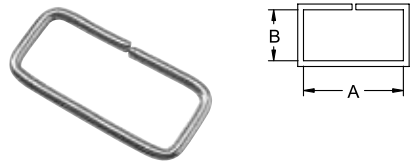
| #           | Size | Material     | Color | pcs | g   | A  | B       | C  |         |    |         |
|-------------|------|--------------|-------|-----|-----|----|---------|----|---------|----|---------|
|             |      |              |       |     |     | mm | in      | mm | in      | mm | in      |
| 928F441N0XK | 44   | carbon steel | ■     | 50  | 133 | 60 | 2 23/64 | 46 | 1 13/16 | 46 | 1 13/16 |





**FITTINGS FOR STRAPS 017** Self-locking buckle 40 mm  
Fibbia autobloccante 40 mm

Rectangular ring not welded (stainless steel)  
Anello rettangolare non saldato (acciaio inox)



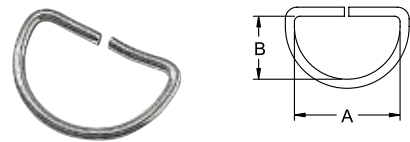
| #           | Size  | Material        | Color | pcs | g  | A  | B       |
|-------------|-------|-----------------|-------|-----|----|----|---------|
|             |       |                 |       |     |    | mm | in      |
| 625020000XK | 40x18 | stainless steel |       | 100 | 13 | 40 | 1 37/64 |
|             |       |                 |       |     |    | mm | in      |
|             |       |                 |       |     |    | 18 | 23/32   |

2 Lights self-locking buckle  
Fibbia autobloccante a 2 luci

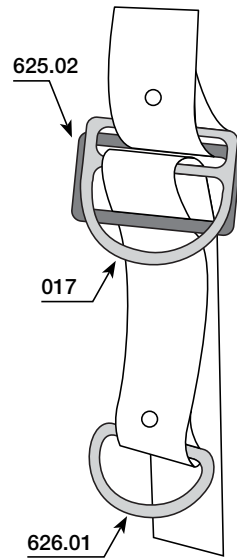


| #           | Size | Material | Color | pcs | g  | A  | B       |
|-------------|------|----------|-------|-----|----|----|---------|
|             |      |          |       |     |    | mm | in      |
| 017400000ZK | 40   | bronze   |       | 100 | 23 | 40 | 1 37/64 |
|             |      |          |       |     |    | mm | in      |
|             |      |          |       |     |    | -  | -       |
| 017400N00XK | 40   | bronze   |       | 100 | 23 | 40 | 1 37/64 |
|             |      |          |       |     |    | mm | in      |
|             |      |          |       |     |    | -  | -       |

Half round ring not welded (stainless steel)  
Anello semi-circolare non saldato (acciaio inox)

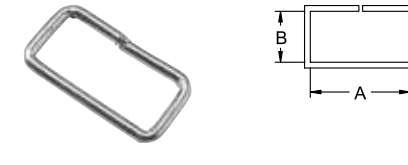


| #           | Size  | Material        | Color | pcs | g  | A  | B       |
|-------------|-------|-----------------|-------|-----|----|----|---------|
|             |       |                 |       |     |    | mm | in      |
| 626010000XK | 40x28 | stainless steel |       | 100 | 13 | 42 | 1 21/32 |
|             |       |                 |       |     |    | mm | in      |
|             |       |                 |       |     |    | 22 | 55/64   |



**FITTINGS FOR STRAPS 019** Self-locking buckle 50 mm  
Fibbia autobloccante 50 mm

Rectangular ring not welded (stainless steel)  
Anello rettangolare non saldato (acciaio inox)



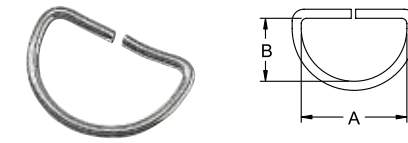
| #           | Size  | Material        | Color | pcs | g  | A  | B       |
|-------------|-------|-----------------|-------|-----|----|----|---------|
|             |       |                 |       |     |    | mm | in      |
| 625030000XK | 50x20 | stainless steel |       | 100 | 15 | 50 | 1 31/32 |
|             |       |                 |       |     |    | mm | in      |
|             |       |                 |       |     |    | 20 | 25/32   |

3 Lights self-locking buckle  
Fibbia autobloccante a 3 luci

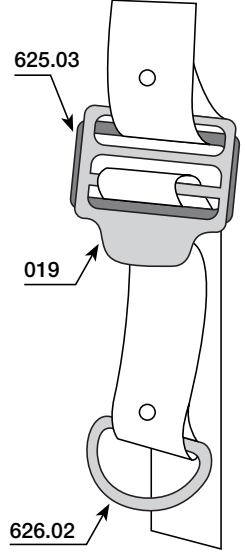


| #           | Size | Material | Color | pcs | g  | A  | B       |
|-------------|------|----------|-------|-----|----|----|---------|
|             |      |          |       |     |    | mm | in      |
| 019500000XK | 50   | bronze   |       | 100 | 42 | 50 | 1 31/32 |
|             |      |          |       |     |    | mm | in      |
|             |      |          |       |     |    | -  | -       |
| 019500N00XK | 50   | bronze   |       | 100 | 42 | 50 | 1 31/32 |
|             |      |          |       |     |    | mm | in      |
|             |      |          |       |     |    | -  | -       |
| 01950XC00XK | 50   | bronze   |       | 100 | 42 | 50 | 1 31/32 |
|             |      |          |       |     |    | mm | in      |
|             |      |          |       |     |    | -  | -       |

Half round ring not welded (stainless steel)  
Anello semi-circolare non saldato (acciaio inox)

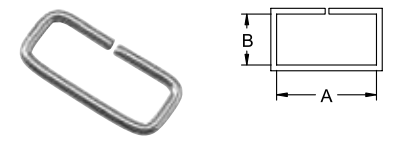


| #           | Size  | Material        | Color | pcs | g  | A  | B       |
|-------------|-------|-----------------|-------|-----|----|----|---------|
|             |       |                 |       |     |    | mm | in      |
| 626020000XK | 50x25 | stainless steel |       | 100 | 15 | 50 | 1 31/32 |
|             |       |                 |       |     |    | mm | in      |
|             |       |                 |       |     |    | 26 | 1 1/32  |



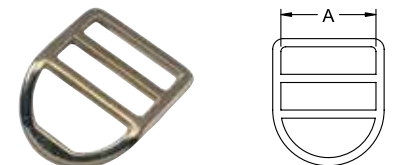
**FITTINGS FOR STRAPS 018** Self-locking buckle 40 mm  
Fibbia autobloccante 40 mm

Rectangular ring not welded (stainless steel)  
Anello rettangolare non saldato (acciaio inox)



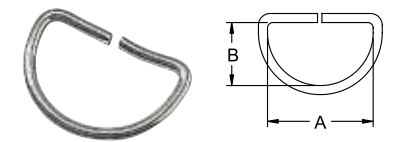
| #           | Size  | Material        | Color | pcs | g  | A  | B       |
|-------------|-------|-----------------|-------|-----|----|----|---------|
|             |       |                 |       |     |    | mm | in      |
| 625010000XK | 40x13 | stainless steel |       | 100 | 12 | 40 | 1 37/64 |
|             |       |                 |       |     |    | mm | in      |
|             |       |                 |       |     |    | 13 | 33/64   |

3 Lights self-locking buckle  
Fibbia autobloccante a 3 luci

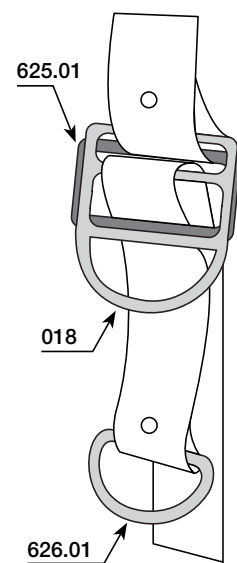


| #           | Size | Material | Color | pcs | g  | A  | B       |
|-------------|------|----------|-------|-----|----|----|---------|
|             |      |          |       |     |    | mm | in      |
| 018400000XK | 40   | bronze   |       | 100 | 47 | 40 | 1 37/64 |
|             |      |          |       |     |    | mm | in      |
|             |      |          |       |     |    | -  | -       |
| 018400N00XK | 40   | bronze   |       | 100 | 47 | 40 | 1 37/64 |
|             |      |          |       |     |    | mm | in      |
|             |      |          |       |     |    | -  | -       |

Half round ring not welded (stainless steel)  
Anello semi-circolare non saldato (acciaio inox)



| #           | Size  | Material        | Color | pcs | g  | A  | B       |
|-------------|-------|-----------------|-------|-----|----|----|---------|
|             |       |                 |       |     |    | mm | in      |
| 626010000XK | 40x28 | stainless steel |       | 100 | 13 | 42 | 1 21/32 |
|             |       |                 |       |     |    | mm | in      |
|             |       |                 |       |     |    | 22 | 55/64   |

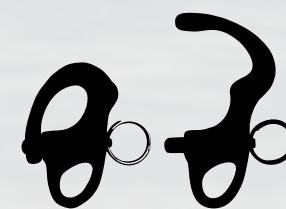




Kong offers a wide range of accessories dedicated to the nautical world, consisting of sophisticated fastening devices and quick releases, special connectors for every need, anchor savers, crickets and famous anchor connectors appreciated worldwide and made in the highest quality. The material used is the precious stainless steel AISI 316, the best for strength and durability in highly corrosive saline environments, urban and industrial environments, chemical, food and agro-food industries.

Kong offre un'ampia gamma di prodotti accessori dedicati al mondo della nautica, composta da raffinati dispositivi per l'attracco e lo sgancio rapido, speciali connettori per ogni esigenza, salva-ancora, grilli e i famosi ed apprezzati giunti per ancora di altissima qualità.

Il materiale utilizzato è il pregiato acciaio inossidabile AISI 316, il top per quanto riguarda resistenza e durabilità in ambienti salini altamente corrosivi, ambienti urbani ed industriali, industria chimica, alimentare ed agroalimentare.



Quick release  
Sganci rapidi



Mooring hooks  
Ganci d'attracco



Anchor connectors  
Giunti per ancora



Chain connectors  
Connettori per catena



## QUICK RELEASE 520

- Stainless steel AISI 316 quick release, useful in all situations where you may need to quickly disengage from the attachment point (water skiing, lanyard positioning, etc...)
- It is sufficient to pull the ring to quickly open the closing lever, even under load.
- Available in 4 sizes.

- Sgancio rapido in acciaio inox AISI 316, utile in tutte le situazioni in cui potrebbe essere necessario svincolarsi velocemente dal punto di attacco (sci nautico, longe di posizionamento, ecc...)
- È sufficiente tirare l'anello per aprire rapidamente la leva di chiusura, anche sotto carico.
- Disponibile in 4 misure.



| #              | Size | Material        | S.W.L. 1/4 USE kN | Norm | Color | ◀ kN    | ▲ g | A mm | B mm | C mm | D mm | E mm | F mm |
|----------------|------|-----------------|-------------------|------|-------|---------|-----|------|------|------|------|------|------|
| 520000000XK 00 | 00   | stainless steel | 100 kg            | -    | ■     | 400 kg  | 10  | 33   | 21   | 10   | -    | 6    | -    |
| 520010000XK 01 | 01   | stainless steel | 300 kg            | -    | ■     | 1200 kg | 50  | 57   | 33   | 12   | -    | 10   | -    |
| 520020000XK 02 | 02   | stainless steel | 550 kg            | -    | ■     | 2000 kg | 90  | 70   | 46   | 18   | -    | 13   | -    |
| 520030000XK 03 | 03   | stainless steel | 875 kg            | -    | ■     | 3500 kg | 232 | 100  | 60   | 26   | -    | 17   | -    |

## QUICK RELEASE 521

- Stainless steel AISI 316 quick release, useful in all situations where you may need to quickly disengage from the attachment point (water skiing, lanyard positioning, etc...)
- Equipped with swivel connection to prevent tangling of the lanyard.
- It is sufficient to pull the ring to quickly open the closing lever, even under load.
- Available in 3 sizes.

- Sgancio rapido in acciaio inox AISI 316, utile in tutte le situazioni in cui potrebbe essere necessario svincolarsi velocemente dal punto di attacco (sci nautico, longe di posizionamento, ecc...)
- Dotato di attacco girevole per evitare l'attorcigliamento delle longe.
- È sufficiente tirare l'anello per aprire rapidamente la leva di chiusura, anche sotto carico.
- Disponibile in 3 misure.



| #              | Size | Material        | S.W.L. 1/4 USE kN | Norm | Color | ◀ kN    | ▲ g | A mm | B mm | C mm | D mm | E mm | F mm |
|----------------|------|-----------------|-------------------|------|-------|---------|-----|------|------|------|------|------|------|
| 521010000XK 01 | 01   | stainless steel | 300 kg            | -    | ■     | 1200 kg | 58  | 68   | 33   | 13   | -    | 11   | -    |
| 521020000XK 02 | 02   | stainless steel | 550 kg            | -    | ■     | 2000 kg | 120 | 87   | 42   | 18   | -    | 15   | -    |
| 521030000XK 03 | 03   | stainless steel | 875 kg            | -    | ■     | 3500 kg | 320 | 125  | 60   | 24   | -    | 19   | -    |

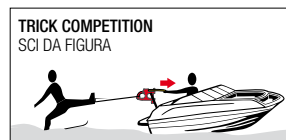
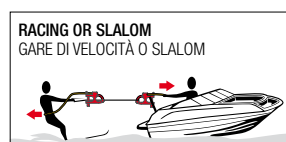
## QUICK RELEASE 525 ■ PATENTED

- Stainless steel AISI 316 quick release, useful in all situations where you may need to quickly disengage from the attachment point (water skiing, lanyard positioning, etc...)
- It is sufficient to pull the cord to quickly open the closing lever, even under load.
- Certified R.I.N.A.
- Patented.

- Sgancio rapido in acciaio inox AISI 316, utile in tutte le situazioni in cui potrebbe essere necessario svincolarsi velocemente dal punto di attacco (sci nautico, longe di posizionamento, ecc...)
- È sufficiente tirare il cordino per aprire rapidamente la leva di chiusura, anche sotto carico.
- Certificato R.I.N.A.
- Brevettato.



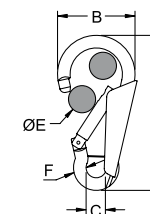
| #              | Size | Material        | S.W.L. 1/4 USE kN | Norm                 | Color | ◀ kN    | ▲ g | A mm | B mm | C mm | D mm | E mm | F mm |
|----------------|------|-----------------|-------------------|----------------------|-------|---------|-----|------|------|------|------|------|------|
| 525000000KK 01 | 01   | stainless steel | 150 kg            | R.I.N.A. 1/165/86/DP | ■     | 1000 kg | 75  | 59   | 37   | 17   | -    | 16   | -    |



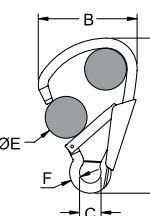
## MOORING HOOK ■ KEYLOCK

- The KONG mooring hook plate can be fitted to any boathook by using the two screws included.
- It allows easy and safe docking maneuvers to the buoy.
- Made of stainless steel AISI 316.

- La piastra del gancio d'attacco KONG si applica a qualunque mezzo marinaio mediante le due viti in dotazione.
- Facilita e rende sicure le manovre di attracco alla boa.
- Realizzato in acciaio inox AISI 316.



| #           | Size | Material        | S.W.L. 1/4 USE kN | Norm | Color | ◀ kN | ▲ g | A mm | B mm | C mm | D mm | E mm | F mm |
|-------------|------|-----------------|-------------------|------|-------|------|-----|------|------|------|------|------|------|
| 650160000KK | -    | stainless steel | 6                 | -    | ■     | 24   | 450 | 160  | 80   | 22.5 | -    | 30   | 13   |

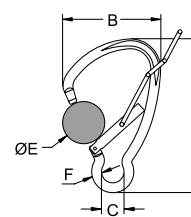


| #           | Size | Material        | S.W.L. 1/4 USE kN | Norm | Color | ◀ kN | ▲ g | A mm | B mm | C mm | D mm | E mm | F mm |
|-------------|------|-----------------|-------------------|------|-------|------|-----|------|------|------|------|------|------|
| 650200000KK | -    | stainless steel | 6                 | -    | ■     | 24   | 590 | 200  | 129  | 22.5 | -    | 56   | 13   |

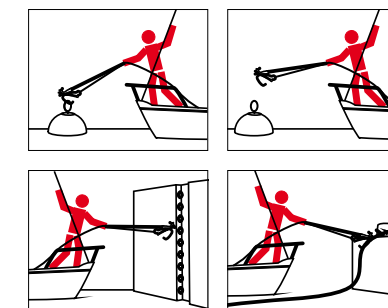
## MOORING HOOK 201 ■ KEYLOCK ■ PATENTED

- Mooring hook that allows the user to hold and release a buoy from a distance, avoiding the fixing of any support on the boat hook.
- Very simple to use, you just have to hold the boat hook with one hand and pull the rope with the other hand in order to open the gate of the connector.
- Made with stainless steel AISI 316, it guarantees heavy loads up to 24 kN.
- Patent n° 9410992.

- Gancio d'attracco che permette di effettuare a distanza l'aggancio e lo sgancio di una boa, senza dover fissare nessun supporto al mezzo marinaio.
- Basta semplicemente tenere con una mano il mezzo marinaio e con l'altra mano trazione la cima per permettere l'apertura della leva.
- Realizzato in acciaio inox AISI 316, garantisce carichi elevati (24 kN).
- Sistema brevettato: brevetto n° 9410992.



| #           | Size | Material        | S.W.L. 1/4 USE kN | Norm | Color | ◀ kN | ▲ g | A mm | B mm | C mm | D mm | E mm | F mm |
|-------------|------|-----------------|-------------------|------|-------|------|-----|------|------|------|------|------|------|
| 650201000KK | -    | stainless steel | 6                 | -    | ■     | 24   | 550 | 200  | 129  | 22.5 | -    | 56   | 13   |





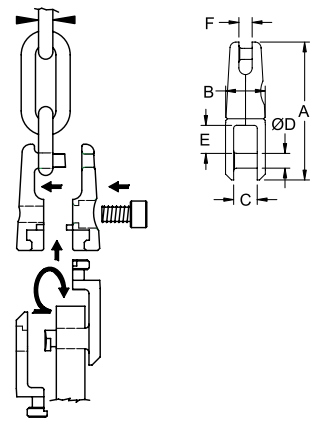
## SWIVEL ANCHOR CONNECTOR

- Swivel anchor connector made of high quality stainless steel AISI 316.
- Anchor slides perfectly through the ferrule without any problems or damage to the sheaving. Anchor straightens up automatically and is correctly positioned on board.
- It has a hold on the seabed without the chain twisting.
- The bigger version # 644.16 is designed for anchors up to 150 kg.

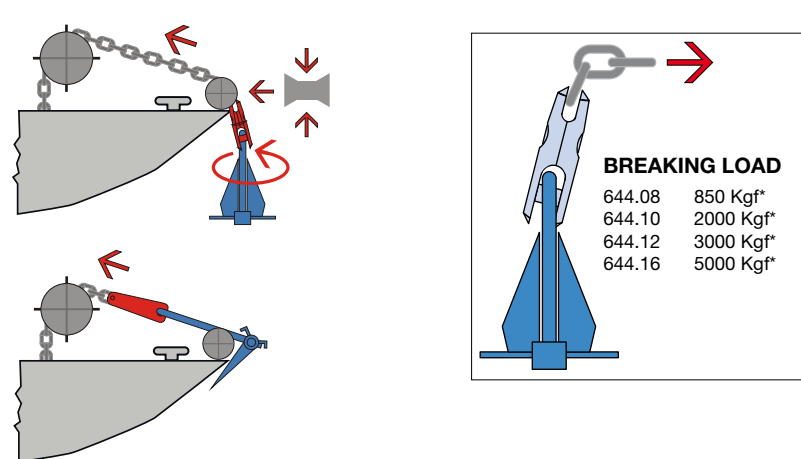
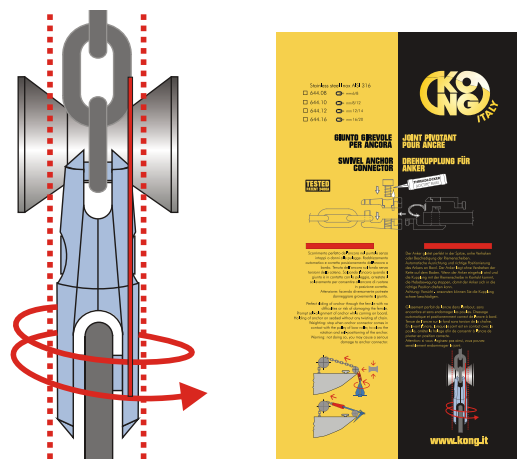
- Giunto girevole per ancora realizzato in acciaio inox AISI 316 di altissima qualità.
- Scorrimento perfetto dell'ancora nel puntale senza intoppi o danni alle pulegge. Raddrizzamento automatico e corretto posizionamento dell'ancora a bordo.
- Tenuta dell'ancora sul fondo senza torsioni sulla catena.
- Disponibile in quattro misure per catene da 6 a 20 mm.
- La speciale versione 644.16 è in grado di sostenere ancore fino a 150 kg.



Up to 3/4" chains (20 mm).  
Up to 150 kg anchors.  
Fino a catene da 20 mm.  
Fino ad ancore 150 kg.



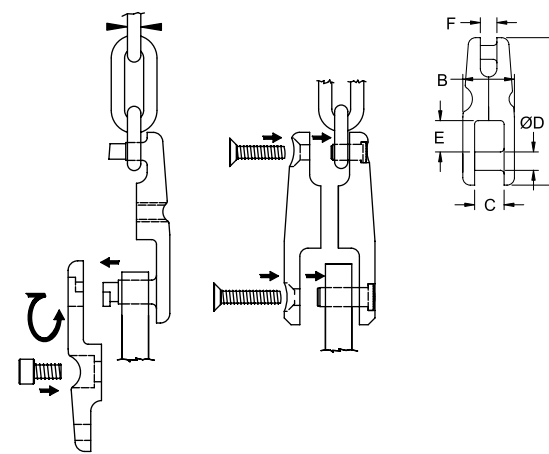
| #          | mm    | Material        | USE Kg* | Color | g    | A mm | B mm | C mm | D mm | E mm | F mm |
|------------|-------|-----------------|---------|-------|------|------|------|------|------|------|------|
| 64408000KK | 6÷8   | stainless steel | 2500    | 850   | 240  | 93   | 28   | 16   | 10   | 19   | 9    |
| 64410000KK | 8÷12  | stainless steel | 5000    | 2000  | 550  | 117  | 37   | 22   | 13   | 23   | 13   |
| 64412000KK | 12÷14 | stainless steel | 9500    | 3000  | 2350 | 155  | 66   | 35   | 18   | 30   | 17   |
| 64416000KK | 16÷20 | stainless steel | 20000   | 5000  | 5000 | 190  | 86   | 43   | 22   | 42   | 20   |



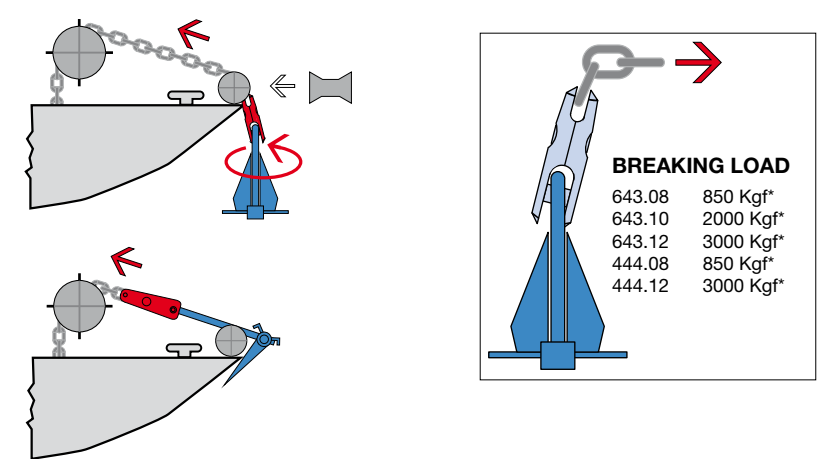
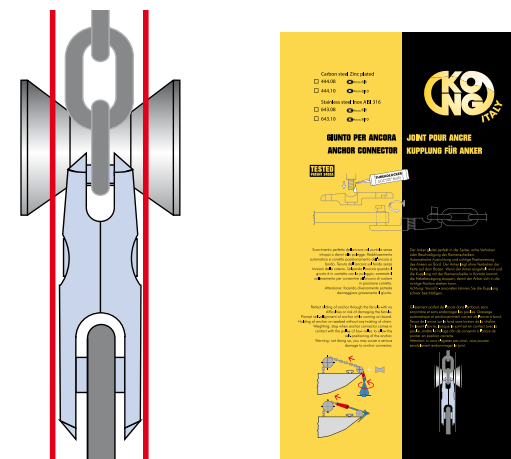
## FIXED ANCHOR CONNECTOR

- Fixed anchor connector made of high quality stainless steel AISI 316 or carbon steel.
- Anchor slides perfectly through the ferrule without any problems or damage to the sheaving.
- Anchor straightens up automatically and is correctly positioned on board.
- Available in 3 sizes.

- Giunto per ancora realizzato in acciaio inox AISI 316 o acciaio al carbonio di altissima qualità.
- Scorrimento perfetto dell'ancora nel puntale senza intoppi o danni alle pulegge.
- Raddrizzamento automatico e corretto posizionamento dell'ancora a bordo.
- Disponibile in 3 misure.



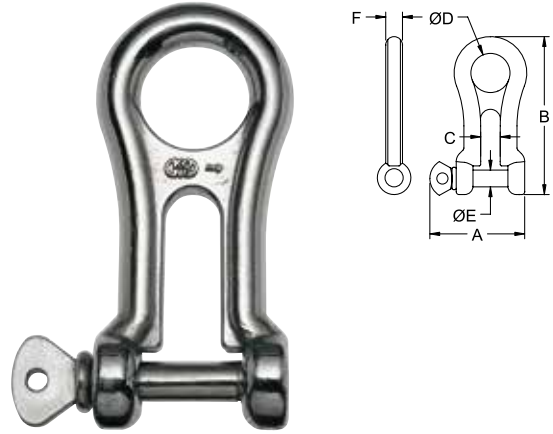
| #           | mm       | Material        | USE Kg* | Color | g    | A mm | B mm | C mm | D mm | E mm | F mm |
|-------------|----------|-----------------|---------|-------|------|------|------|------|------|------|------|
| 64308000KK  | 6-7-8    | stainless steel | 2500    | 850   | 180  | 80   | 28   | 16   | 10   | 19   | 9    |
| 64310000KK  | 8-10-12  | stainless steel | 5000    | 2000  | 410  | 100  | 37   | 22   | 13   | 23.5 | 13   |
| 64312000KK  | 12-13-14 | stainless steel | 9500    | 3000  | 1000 | 125  | 55   | 33   | 18   | 28   | 17   |
| 444080Z00KK | 6-7-8    | carbon steel    | 2500    | 850   | 180  | 80   | 28   | 16   | 10   | 19   | 9    |
| 444120Z00KK | 12-13-14 | carbon steel    | 9500    | 3000  | 1440 | 144  | 54   | 31   | 16   | 26   | 16   |



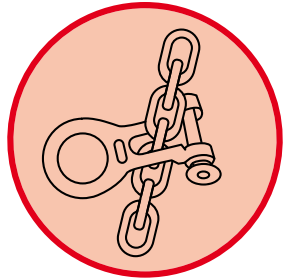
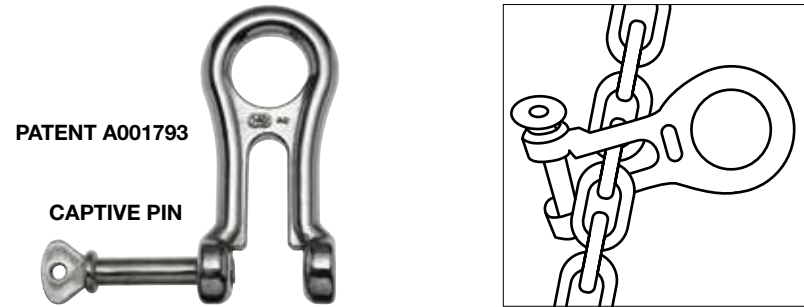
## CHAIN GRIPPER ■ PATENTED

- Innovative multipurpose connector for rapid attachment to any chain parts from 5 to 12 mm.
- Made of AISI 316 stainless steel, high quality.
- Patented.

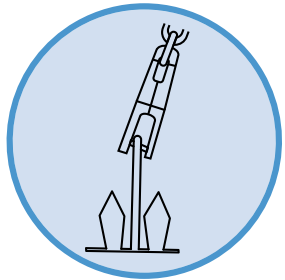
- Innovativo connettore multiuso per attaccarsi rapidamente ad ogni punto di qualsiasi catena da mm. 5 a mm. 12.
- Realizzato in acciaio INOX AISI 316 di altissima qualità.
- Prodotto brevettato.



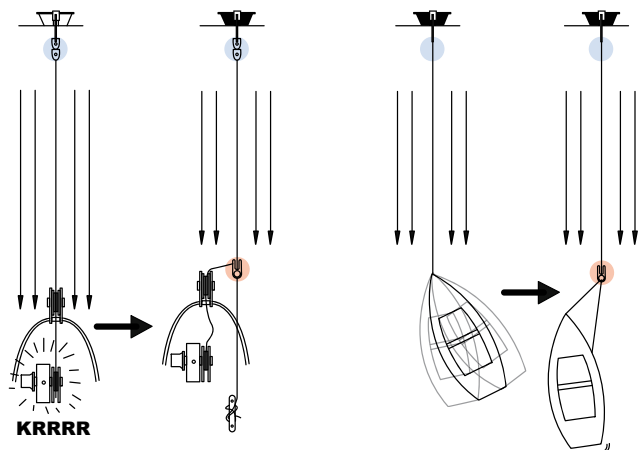
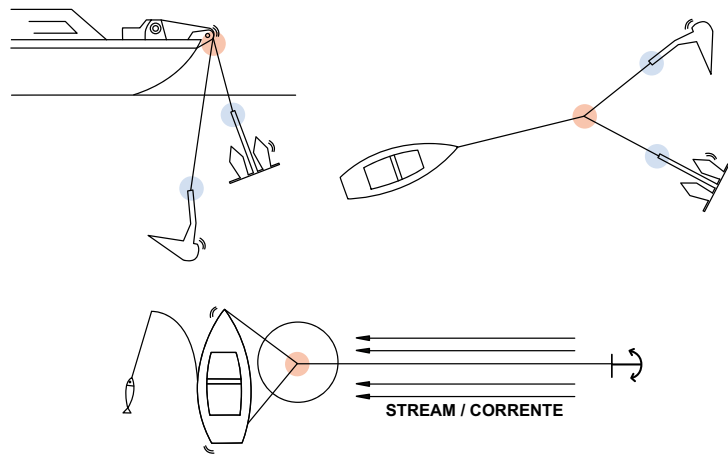
| #          | mm   | Material        | S.W.L. 1/4 USE kN | Norm | Color | ◆ kN | ▲ g | A mm | B mm | C mm | D mm | E mm | F mm |
|------------|------|-----------------|-------------------|------|-------|------|-----|------|------|------|------|------|------|
| 61408000KK | 5÷8  | stainless steel | 7                 | -    | ■     | 25   | 94  | 47.5 | 75   | 9.5  | 19   | 8    | 8    |
| 61412000KK | 8÷12 | stainless steel | 15                | -    | ■     | 50   | 297 | 68   | 113  | 14   | 28   | 12   | 12   |



#614.08  
#614.12  
**CHAIN GRIPPER**



#643  
#644  
#444  
**ANCHOR CONNECTOR**

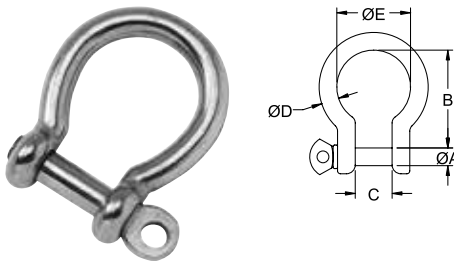


## SHACKLE 609



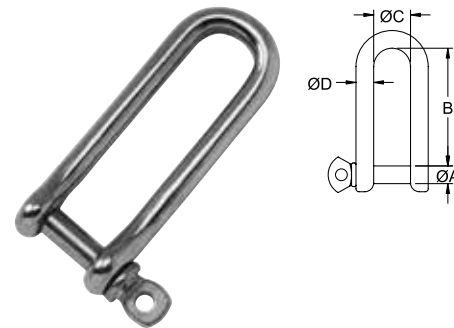
| #           | Size | Material        | Color | ◆ kN     | ◆ kN | ↻ kN | ▲ g | A mm | B mm | C mm | D mm | E mm | F mm |
|-------------|------|-----------------|-------|----------|------|------|-----|------|------|------|------|------|------|
| 609040000XK | 4    | stainless steel | ■     | 700 Kg   | -    | -    | 7   | 4    | 18   | 8    | 4    | -    | -    |
| 609050000XK | 5    | stainless steel | ■     | 1000 Kg  | -    | -    | 16  | 5    | 20   | 9    | 5    | -    | -    |
| 609060000XK | 6    | stainless steel | ■     | 1600 Kg  | -    | -    | 24  | 6    | 21.5 | 12   | 6    | -    | -    |
| 609080000XK | 8    | stainless steel | ■     | 3000 Kg  | -    | -    | 59  | 8    | 33   | 16.5 | 8    | -    | -    |
| 609100000XK | 10   | stainless steel | ■     | 4800 Kg  | -    | -    | 109 | 10   | 34.5 | 20   | 10   | -    | -    |
| 609120000XK | 12   | stainless steel | ■     | 7000 Kg  | -    | -    | 192 | 12   | 43.5 | 23   | 12   | -    | -    |
| 609130000XK | 13   | stainless steel | ■     | 9000 Kg  | -    | -    | 311 | 13   | 54.5 | 27   | 13   | -    | -    |
| 609140000XK | 14   | stainless steel | ■     | 10000 Kg | -    | -    | 320 | 14   | 55   | 29   | 14   | -    | -    |
| 609160000XK | 16   | stainless steel | ■     | 11000 Kg | -    | -    | 494 | 16   | 66   | 31   | 16   | -    | -    |

## SHACKLE 610



| #           | Size | Material        | Color | ◆ kN    | ◆ kN | ↻ kN | ▲ g | A mm | B mm | C mm | D mm | E mm | F mm |
|-------------|------|-----------------|-------|---------|------|------|-----|------|------|------|------|------|------|
| 610040000XK | 4    | stainless steel | ■     | 700 Kg  | -    | -    | 8   | 4    | 18.5 | 9    | 4    | 12.5 | -    |
| 610050000XK | 5    | stainless steel | ■     | 1000 Kg | -    | -    | 15  | 5    | 21.5 | 11.5 | 5    | 18.5 | -    |
| 610060000XK | 6    | stainless steel | ■     | 1600 Kg | -    | -    | 26  | 6    | 24.5 | 13   | 6    | 20   | -    |
| 610080000XK | 8    | stainless steel | ■     | 3000 Kg | -    | -    | 67  | 8    | 34   | 15.5 | 8    | 27   | -    |
| 610100000XK | 10   | stainless steel | ■     | 4800 Kg | -    | -    | 120 | 10   | 42.5 | 21   | 10   | 32.5 | -    |
| 610120000XK | 12   | stainless steel | ■     | 7000 Kg | -    | -    | 207 | 12   | 49   | 25   | 12   | 39   | -    |

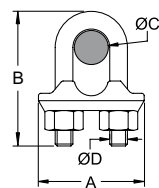
## SHACKLE 611



| #           | Size | Material        | Color | ◆ kN    | ◆ kN | ↻ kN | ▲ g | A mm | B mm | C mm | D mm | E mm | F mm |
|-------------|------|-----------------|-------|---------|------|------|-----|------|------|------|------|------|------|
| 611040000XK | 4    | stainless steel | ■     | 700 Kg  | -    | -    | 10  | 4    | 34   | 9    | 3.5  | -    | -    |
| 611050000XK | 5    | stainless steel | ■     | 1000 Kg | -    | -    | 20  | 5    | 38.5 | 10.5 | 5    | -    | -    |
| 611060000XK | 6    | stainless steel | ■     | 1600 Kg | -    | -    | 34  | 6    | 46   | 12.5 | 6    | -    | -    |
| 611080000XK | 8    | stainless steel | ■     | 3000 Kg | -    | -    | 83  | 8    | 61   | 17   | 8    | -    | -    |
| 611100000XK | 10   | stainless steel | ■     | 4800 Kg | -    | -    | 152 | 10   | 80.5 | 21   | 10   | -    | -    |



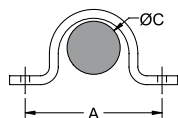
### CLIP 634



| #           | Size | Material        | Color | ◀  | ◆  | ↻  | ▲   | A  | B  | C  | D  | E  | F  |
|-------------|------|-----------------|-------|----|----|----|-----|----|----|----|----|----|----|
|             |      |                 |       | kN | kN | kN | g   | mm | mm | mm | mm | mm | mm |
| 634040000XK | 4    | stainless steel | ■     | -  | -  | -  | 10  | 22 | 22 | 4  | 4  | -  | -  |
| 634060000XK | 6    | stainless steel | ■     | -  | -  | -  | 30  | 30 | 33 | 6  | 6  | -  | -  |
| 634080000XK | 8    | stainless steel | ■     | -  | -  | -  | 40  | 33 | 35 | 8  | 6  | -  | -  |
| 634100000XK | 10   | stainless steel | ■     | -  | -  | -  | 70  | 37 | 43 | 10 | 8  | -  | -  |
| 634120000XK | 12   | stainless steel | ■     | -  | -  | -  | 120 | 45 | 54 | 12 | 10 | -  | -  |

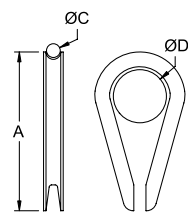
Other sizes on request / Altre misure su richiesta

### CLIP 635



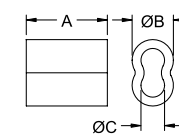
| #           | Size | Material        | Color | ◀  | ◆  | ↻  | ▲  | A  | B  | C  | D  | E  | F  |
|-------------|------|-----------------|-------|----|----|----|----|----|----|----|----|----|----|
|             |      |                 |       | kN | kN | kN | g  | mm | mm | mm | mm | mm | mm |
| 635100000XK | 10   | stainless steel | ■     | -  | -  | -  | 3  | 31 | -  | 11 | -  | -  | -  |
| 635200000XK | 20   | stainless steel | ■     | -  | -  | -  | 7  | 36 | -  | 14 | -  | -  | -  |
| 635300000XK | 30   | stainless steel | ■     | -  | -  | -  | 13 | 42 | -  | 17 | -  | -  | -  |

### THIMBLE 645



| #           | Size | Material        | Color | ◀  | ◆  | ↻  | ▲  | A    | B  | C   | D    | E  | F  |
|-------------|------|-----------------|-------|----|----|----|----|------|----|-----|------|----|----|
|             |      |                 |       | kN | kN | kN | g  | mm   | mm | mm  | mm   | mm | mm |
| 645010000XK | 2    | stainless steel | ■     | -  | -  | -  | 1  | 18   | -  | 2   | 7    | -  | -  |
| 645020000XK | 2.5  | stainless steel | ■     | -  | -  | -  | 2  | 21   | -  | 2.5 | 8    | -  | -  |
| 645030000XK | 3    | stainless steel | ■     | -  | -  | -  | 3  | 25   | -  | 3   | 10   | -  | -  |
| 645040000XK | 4    | stainless steel | ■     | -  | -  | -  | 4  | 28   | -  | 4   | 11   | -  | -  |
| 645050000XK | 5    | stainless steel | ■     | -  | -  | -  | 5  | 32   | -  | 5   | 12.5 | -  | -  |
| 645060000XK | 6    | stainless steel | ■     | -  | -  | -  | 10 | 38   | -  | 6   | 14   | -  | -  |
| 645080000XK | 8    | stainless steel | ■     | -  | -  | -  | 18 | 48   | -  | 8   | 18   | -  | -  |
| 645100000XK | 10   | stainless steel | ■     | -  | -  | -  | 25 | 56   | -  | 10  | 27   | -  | -  |
| 645120000XK | 12   | stainless steel | ■     | -  | -  | -  | 36 | 66   | -  | 12  | 28   | -  | -  |
| 645140000XK | 14   | stainless steel | ■     | -  | -  | -  | 60 | 72   | -  | 14  | 32   | -  | -  |
| 645160000XK | 16   | stainless steel | ■     | -  | -  | -  | 81 | 85.5 | -  | 16  | 38   | -  | -  |

### COPPER SLEEVE (TYPE TALLORIT)



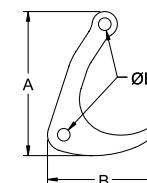
| #           | Size | Material | Color | ◀  | ◆  | ↻  | ▲  | A    | B    | C    | D  | E  | F  |
|-------------|------|----------|-------|----|----|----|----|------|------|------|----|----|----|
|             |      |          |       | kN | kN | kN | g  | mm   | mm   | mm   | mm | mm | mm |
| 646010000XK | 2    | copper   | ■     | -  | -  | -  | 1  | 9.5  | 4    | 2    | -  | -  | -  |
| 646020000XK | 2.5  | copper   | ■     | -  | -  | -  | 2  | 10   | 5.5  | 3    | -  | -  | -  |
| 646030000XK | 3    | copper   | ■     | -  | -  | -  | 7  | 14   | 8.5  | 4    | -  | -  | -  |
| 646040000XK | 4    | copper   | ■     | -  | -  | -  | 10 | 16   | 9    | 4.5  | -  | -  | -  |
| 646050000XK | 5    | copper   | ■     | -  | -  | -  | 16 | 18   | 11   | 5.5  | -  | -  | -  |
| 646060000XK | 6    | copper   | ■     | -  | -  | -  | 20 | 22   | 12   | 6.5  | -  | -  | -  |
| 646080000XK | 8    | copper   | ■     | -  | -  | -  | 50 | 27   | 17   | 9    | -  | -  | -  |
| 646100000XK | 10   | copper   | ■     | -  | -  | -  | 67 | 31.5 | 18.5 | 11.5 | -  | -  | -  |



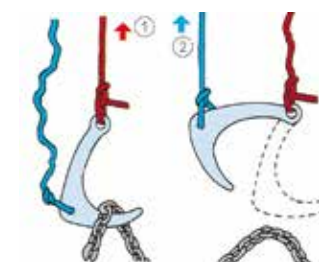
### ANCHOR SAVER

- Stainless steel hook that allows the freeing of an anchor that is entangled in the chains of others, in the catenary of buoys, moorings, etc. without the need to dive into the water, without effort, without getting dirty and especially without risks.
- Made of stainless steel, the Kong Anchor Saver is an accessory that is essential on every boat.

- Gancio che permette di liberare l'ancora rimasta impigliata nelle catene altrui, nella catenaria di boe, ormeggi, ecc..., senza tuffarsi in acqua, senza fatica, senza sporcare e soprattutto senza rischi.
- Realizzato in acciaio inox, il Salva Ancora Kong è un accessorio che non può assolutamente mancare in qualunque imbarcazione.



| #           | Size | Material     | S.W.L. 1/4 USE kN | Norm | Color | ▲   | A   | B   | C  | D  | E  | F  |
|-------------|------|--------------|-------------------|------|-------|-----|-----|-----|----|----|----|----|
|             |      |              |                   |      |       | g   | mm  | mm  | mm | mm | mm | mm |
| 422000Z00KK | -    | carbon steel | 300 kg            | -    | ■     | 685 | 195 | 150 | -  | -  | 15 | -  |



## ELASTIC TETHER EVO

- Elastic safety tether for improving the safety during sailboat racing.
- Aluminum double-action safety hook, built-in stress indicator and stainless steel connectors with express sleeve for improved security offshore, whether racing or cruising.
- The boat-end aluminum safety hook has an easy-to-use double-action gate that automatically locks closed, so it won't accidentally release from attachment points.

- Longe elastica per migliorare la sicurezza durante durante gli spostamenti a bordo delle imbarcazioni, in particolare durante le regate.
- Dotato di connettore in lega d'alluminio a doppia azione, fettuccia elastica con indicatore di stress e connettore express in acciaio inox.
- Il connettore in alluminio ha una leva a doppia azione semplice da usare, che si blocca automaticamente in chiusura, in modo da non fuoriuscire accidentalmente dai punti di attacco.

With overload indicator  
Con indicatore di sovraccarico

## ELASTIC TETHER EVO SINGLE



| #           | Norm              | g   |
|-------------|-------------------|-----|
| 234SETE01KK | EN ISO 12401:2009 | 450 |

## ELASTIC TETHER EVO DOUBLE



| #           | Norm              | g   |
|-------------|-------------------|-----|
| 233SETE01KK | EN ISO 12401:2009 | 650 |

## ELASTIC TETHER

- Elastic safety tether for improving the safety during sailboat racing.
- Aluminum double-action safety hook, built-in stress indicator and welded O-ring for improved security offshore, whether racing or cruising.
- The boat-end aluminum safety hook has an easy-to-use double-action gate that automatically locks closed, so it won't accidentally release from attachment points.

With overload indicator  
Con indicatore di sovraccarico

## ELASTIC TETHER SINGLE



| #           | Norm       | g |
|-------------|------------|---|
| 284SETE01KK | CE EN 1095 | - |

## ELASTIC TETHER DOUBLE



| #           | Norm       | g |
|-------------|------------|---|
| 283SETE01KK | CE EN 1095 | - |



| #           | Description                     | Page |
|-------------|---------------------------------|------|
| <b># 0</b>  |                                 |      |
| 01740000ZK  | FITTINGS FOR STRAPS 017 SIZE 40 | 78   |
| 017400N00XK | FITTINGS FOR STRAPS 017 SIZE 40 | 78   |
| 018400000XK | FITTINGS FOR STRAPS 018 SIZE 40 | 78   |
| 018400N00XK | FITTINGS FOR STRAPS 018 SIZE 40 | 78   |
| 019500000XK | FITTINGS FOR STRAPS 019 SIZE 50 | 79   |
| 019500N00XK | FITTINGS FOR STRAPS 019 SIZE 50 | 79   |
| 01950XC00XK | FITTINGS FOR STRAPS 019 SIZE 50 | 79   |
| <b># 1</b>  |                                 |      |
| 101270N00YK | ROUND RING 102 SIZE 27          | 66   |
| 101270Y00YK | ROUND RING 101 SIZE 27          | 66   |
| 10127YN00YK | ROUND RING 103 SIZE 27          | 66   |
| 101290N00YK | ROUND RING 104 SIZE 29          | 66   |
| 101290Y00YK | ROUND RING 105 SIZE 29          | 66   |
| 101320N00YK | ROUND RING 106 SIZE 32          | 66   |
| 101320Y00YK | ROUND RING 107 SIZE 32          | 66   |
| 101350N00YK | ROUND RING 108 SIZE 35          | 66   |
| 101350Y00YK | ROUND RING 109 SIZE 35          | 66   |
| 101380000YK | ROUND RING 110 SIZE 38          | 66   |
| 101380N00YK | ROUND RING 111 SIZE 38          | 66   |
| 101380Y00YK | ROUND RING 112 SIZE 38          | 66   |
| 101450000YK | ROUND RING 113 SIZE 45          | 66   |
| 101450N00YK | ROUND RING 114 SIZE 45          | 66   |
| 101450Y00YK | ROUND RING 115 SIZE 45          | 66   |
| 101500N00YK | ROUND RING 116 SIZE 50          | 66   |
| 101500Y00YK | ROUND RING 117 SIZE 50          | 66   |
| 101650N00YK | ROUND RING 118 SIZE 65          | 66   |
| 101650Y00YK | ROUND RING 119 SIZE 65          | 66   |
| 101750N00YK | ROUND RING 120 SIZE 75          | 66   |
| 101750Y00YK | ROUND RING 121 SIZE 75          | 66   |
| 102160N00YK | 2 LIGHTS RING 102 SIZE 16       | 66   |
| 102160Y00YK | 2 LIGHTS RING 102 SIZE 16       | 66   |
| 102190N00YK | 2 LIGHTS RING 102 SIZE 19       | 66   |
| 102190Y00YK | 2 LIGHTS RING 102 SIZE 19       | 66   |
| 102200N00YK | 2 LIGHTS RING 102 SIZE 20       | 66   |
| 102200Y00YK | 2 LIGHTS RING 102 SIZE 20       | 66   |
| 102270000YK | 2 LIGHTS RING 102 SIZE 27       | 66   |
| 102270N00YK | 2 LIGHTS RING 102 SIZE 27       | 66   |
| 102270Y00YK | 2 LIGHTS RING 102 SIZE 27       | 66   |
| 103200N00YK | 3 LIGHTS RING 103 SIZE 20       | 66   |
| 103200Y00YK | 3 LIGHTS RING 103 SIZE 20       | 66   |
| 103270000YK | 3 LIGHTS RING 103 SIZE 27       | 66   |
| 103270N00YK | 3 LIGHTS RING 103 SIZE 27       | 66   |
| 103270Y00YK | 3 LIGHTS RING 103 SIZE 27       | 66   |
| 103290N00YK | 3 LIGHTS RING 103 SIZE 29       | 66   |
| 103290Y00YK | 3 LIGHTS RING 103 SIZE 29       | 66   |
| 104260000XK | RECTANGULAR RING 104 SIZE 26    | 66   |
| 104260Y00XK | RECTANGULAR RING 104 SIZE 26    | 66   |
| 104310Y00XK | RECTANGULAR RING 104 SIZE 31    | 66   |
| 105200N00XK | SQUARE RING 105 SIZE 20         | 67   |

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| 105200Y00XK | SQUARE RING 105 SIZE 20          | 67   |
| 10520YN00XK | SQUARE RING 105 SIZE 20          | 67   |
| 107200N00XK | OVAL RING 107 SIZE 20.5          | 67   |
| 107200Y00XK | OVAL RING 107 SIZE 20.5          | 67   |
| 107270N00XK | OVAL RING 107 SIZE 27            | 67   |
| 107270Y00XK | OVAL RING 107 SIZE 27            | 67   |
| 108220Y00XK | RECTANGULAR RING 108 SIZE 22     | 67   |
| 108270Y00XK | RECTANGULAR RING 108 SIZE 27     | 67   |
| 122270Y00XK | TRIANGULAR RING 122              | 67   |
| 123140N00XK | D RING LIGHT 123 SIZE 14         | 67   |
| 123140Y00XK | D RING LIGHT 123 SIZE 14         | 67   |
| 123170N00XK | D RING LIGHT 123 SIZE 17         | 67   |
| 123170Y00XK | D RING LIGHT 123 SIZE 17         | 67   |
| 12317YN00XK | D RING LIGHT 123 SIZE 17         | 67   |
| 123210000XK | D RING LIGHT 123 SIZE 21         | 67   |
| 123210N00XK | D RING LIGHT 123 SIZE 21         | 67   |
| 123210Y00XK | D RING LIGHT 123 SIZE 21         | 67   |
| 123270000XK | D RING LIGHT 123 SIZE 27         | 67   |
| 123270N00XK | D RING LIGHT 123 SIZE 27         | 67   |
| 123270Y00XK | D RING LIGHT 123 SIZE 27         | 67   |
| 12327YN00XK | D RING LIGHT 123 SIZE 27         | 67   |
| 123290000XK | D RING LIGHT 123 SIZE 29         | 67   |
| 123290N00XK | D RING LIGHT 123 SIZE 29         | 67   |
| 123290Y00XK | D RING LIGHT 123 SIZE 29         | 67   |
| 123360Y00XK | D RING LIGHT 123 SIZE 36         | 67   |
| 125250N00XK | BUCKLE 125 SIZE 25X11            | 69   |
| 125250Y00XK | BUCKLE 125 SIZE 25X11            | 69   |
| 129200Y00XK | BUCKLE 129 SIZE 20               | 69   |
| 129250N00XK | BUCKLE 129 SIZE 25               | 69   |
| 129250Y00XK | BUCKLE 129 SIZE 25               | 69   |
| 129280N00XK | BUCKLE 129 SIZE 28               | 69   |
| 129280Y00XK | BUCKLE 129 SIZE 28               | 69   |
| 132160N00XK | SIMPLE BUCKLE ROLLER 132 SIZE 16 | 70   |
| 132160Y00YK | SIMPLE BUCKLE ROLLER 132 SIZE 16 | 70   |
| 132200N00XK | SIMPLE BUCKLE ROLLER 132 SIZE 20 | 70   |
| 132200Y00YK | SIMPLE BUCKLE ROLLER 132 SIZE 20 | 70   |
| 132300N00XK | SIMPLE BUCKLE ROLLER 132 SIZE 30 | 70   |
| 135270N00XK | CENTER BAR BUCKLE 135 SIZE 27    | 72   |
| 135270Y00XK | CENTER BAR BUCKLE 135 SIZE 27    | 72   |
| 140180N00XK | D RING HEAVY 140 SIZE 18         | 68   |
| 140180Y00YK | D RING HEAVY 140 SIZE 18         | 68   |
| 140250000YK | D RING HEAVY 140 SIZE 25         | 68   |
| 140250C00XK | D RING HEAVY 140 SIZE 25         | 68   |
| 140250N00XK | D RING HEAVY 140 SIZE 25         | 68   |
| 140250Y00YK | D RING HEAVY 140 SIZE 25         | 68   |
| 140400N00XK | D RING HEAVY 140 SIZE 40         | 68   |
| 140400Y00YK | D RING HEAVY 140 SIZE 40         | 68   |
| 140530N00XK | D RING HEAVY 140 SIZE 53         | 68   |
| 140530Y00YK | D RING HEAVY 140 SIZE 53         | 68   |
| 144250N00XK | SIMPLE BUCKLE 144 SIZE 25        | 70   |

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| 144250Y00YK | SIMPLE BUCKLE 144 SIZE 25            | 70   |
| 149160N00YK | CENTER BAR BUCKLE 149 SIZE 16        | 73   |
| 149160Y00YK | CENTER BAR BUCKLE 149 SIZE 16        | 73   |
| 149190000XK | CENTER BAR BUCKLE 149 SIZE 19        | 73   |
| 149190N00YK | CENTER BAR BUCKLE 149 SIZE 19        | 73   |
| 149190Y00YK | CENTER BAR BUCKLE 149 SIZE 19        | 73   |
| 149260N00YK | CENTER BAR BUCKLE 149 SIZE 26        | 73   |
| 149260Y00YK | CENTER BAR BUCKLE 149 SIZE 26        | 73   |
| 154120N00YK | CENTER BAR BUCKLE 154 SIZE 12        | 72   |
| 154120Y00YK | CENTER BAR BUCKLE 154 SIZE 12        | 72   |
| 154130N00YK | CENTER BAR BUCKLE 154 SIZE 13        | 72   |
| 154130Y00YK | CENTER BAR BUCKLE 154 SIZE 13        | 72   |
| 154170N00YK | CENTER BAR BUCKLE 154 SIZE 17        | 72   |
| 154170Y00YK | CENTER BAR BUCKLE 154 SIZE 17        | 72   |
| 154200000YK | CENTER BAR BUCKLE 154 SIZE 20        | 72   |
| 154200N00YK | CENTER BAR BUCKLE 154 SIZE 20        | 72   |
| 154270N00YK | CENTER BAR BUCKLE 154 SIZE 27        | 72   |
| 154270Y00YK | CENTER BAR BUCKLE 154 SIZE 27        | 72   |
| 157200N00YK | CENTER BAR BUCKLE 157 SIZE 20        | 72   |
| 157200Y00YK | CENTER BAR BUCKLE 157 SIZE 20        | 72   |
| 157220000YK | CENTER BAR BUCKLE 157 SIZE 22        | 72   |
| 157220N00YK | CENTER BAR BUCKLE 157 SIZE 22        | 72   |
| 157220Y00YK | CENTER BAR BUCKLE 157 SIZE 22        | 72   |
| 157260N00YK | CENTER BAR BUCKLE 157 SIZE 26        | 72   |
| 157260Y00YK | CENTER BAR BUCKLE 157 SIZE 26        | 72   |
| 161130N00YK | SIMPLE BUCKLE 161 SIZE 13            | 70   |
| 161130Y00YK | SIMPLE BUCKLE 161 SIZE 13            | 70   |
| 161160N00YK | SIMPLE BUCKLE 161 SIZE 16            | 70   |
| 161160Y00YK | SIMPLE BUCKLE 161 SIZE 16            | 70   |
| 161210000YK | SIMPLE BUCKLE 161 SIZE 21            | 70   |
| 161210N00YK | SIMPLE BUCKLE 161 SIZE 21            | 70   |
| 161210Y00YK | SIMPLE BUCKLE 161 SIZE 21            | 70   |
| 163140N00XK | CENTER BAR BUCKLE ROLLER 163 SIZE 14 | 73   |
| 163140Y00XK | CENTER BAR BUCKLE ROLLER 163 SIZE 14 | 73   |
| 171140N00YK | SIMPLE BUCKLE 171 SIZE 14            | 71   |
| 171140Y00YK | SIMPLE BUCKLE 171 SIZE 14            | 71   |
| 171170000YK | SIMPLE BUCKLE 171 SIZE 17            | 71   |
| 171170N00YK | SIMPLE BUCKLE 171 SIZE 17            | 71   |
| 171170Y00YK | SIMPLE BUCKLE 171 SIZE 17            | 71   |
| 172120N00XK | SIMPLE BUCKLE 172 SIZE 12            | 71   |
| 172120Y00YK | SIMPLE BUCKLE 172 SIZE 12            | 71   |
| 172150N00XK | SIMPLE BUCKLE 172 SIZE 15            | 71   |
| 172150Y00YK | SIMPLE BUCKLE 172 SIZE 15            | 71   |
| 174200N00XK | CENTER BAR BUCKLE ROLLER 174 SIZE 20 | 73   |
| 174200Y00YK | CENTER BAR BUCKLE ROLLER 174 SIZE 20 | 73   |
| 175160N00YK | CENTER BAR BUCKLE ROLLER 175 SIZE 16 | 73   |
| 175160Y00YK | CENTER BAR BUCKLE ROLLER 175 SIZE 16 | 73   |
| 17516YN00YK | CENTER BAR BUCKLE ROLLER 175 SIZE 16 | 73   |
| 175180N00XK | CENTER BAR BUCKLE ROLLER 175 SIZE 18 | 73   |
| 175180Y00YK | CENTER BAR BUCKLE ROLLER 175 SIZE 18 | 73   |

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| 175200N00YK | CENTER BAR BUCKLE ROLLER 175 SIZE 20 | 73   |
| 175200Y00YK | CENTER BAR BUCKLE ROLLER 175 SIZE 20 | 73   |
| 175220N00YK | CENTER BAR BUCKLE ROLLER 175 SIZE 22 | 73   |
| 175220Y00YK | CENTER BAR BUCKLE ROLLER 175 SIZE 22 | 73   |
| 175270N00YK | CENTER BAR BUCKLE ROLLER 175 SIZE 27 | 73   |
| 175270Y00YK | CENTER BAR BUCKLE ROLLER 175 SIZE 27 | 73   |
| 176260N00XK | SIMPLE BUCKLE 176 SIZE 26            | 70   |
| 176260Y00YK | SIMPLE BUCKLE 176 SIZE 26            | 70   |
| 177200000XK | RECTANGULAR RING 177 SIZE 20         | 68   |
| 177200N00XK | RECTANGULAR RING 177 SIZE 20         | 68   |
| 178140000XK | SIMPLE BUCKLE ROLLER 178 SIZE 14     | 71   |
| 178140N00XK | SIMPLE BUCKLE ROLLER 178 SIZE 14     | 71   |
| 178140Y00YK | SIMPLE BUCKLE ROLLER 178 SIZE 14     | 71   |
| 179260N00YK | SIMPLE BUCKLE ROLLER 179 SIZE 26     | 71   |
| 179260Y00YK | SIMPLE BUCKLE ROLLER 179 SIZE 26     | 71   |
| 179350N00YK | SIMPLE BUCKLE ROLLER 179 SIZE 35     | 71   |
| 179350Y00YK | SIMPLE BUCKLE ROLLER 179 SIZE 35     | 71   |
| 180260N00YK | HEAVY DUTY BUCKLE 180 SIZE 26        | 72   |
| 181220N00YK | CENTER BAR BUCKLE 181 SIZE 22        | 73   |
| 181220Y00YK | CENTER BAR BUCKLE 181 SIZE 22        | 73   |
| 18214X000XK | CENTER BAR BUCKLE 182 SIZE 14        | 74   |
| 182210000XK | CENTER BAR BUCKLE 182 SIZE 21        | 74   |
| 182270000XK | CENTER BAR BUCKLE 182 SIZE 27        | 74   |
| 183280N00XK | CENTER BAR BUCKLE 183 SIZE 28        | 74   |
| 183280Y00XK | CENTER BAR BUCKLE 183 SIZE 28        | 74   |
| 185220N00XK | SIMPLE BUCKLE 185 SIZE 22            | 70   |
| 185220Y00YK | SIMPLE BUCKLE 185 SIZE 22            | 70   |
| 186180N00XK | SIMPLE BUCKLE ROLLER 186 SIZE 18     | 71   |
| 186180Y00YK | SIMPLE BUCKLE ROLLER 186 SIZE 18     | 71   |
| 186210N00YK | SIMPLE BUCKLE ROLLER 186 SIZE 21     | 71   |
| 186210Y00YK | SIMPLE BUCKLE ROLLER 186 SIZE 21     | 71   |
| 187270N00YK | SIMPLE BUCKLE 187 SIZE 27            | 72   |
| 187270Y00YK | SIMPLE BUCKLE 187 SIZE 27            | 72   |
| 191500N00XK | BUCKLE 191 SIZE 50                   | 69   |
| 191500Y00YK | BUCKLE 191 SIZE 50                   | 69   |
| 192500000YK | BUCKLE 192 SIZE 50                   | 69   |
| 192500N00XK | BUCKLE 192 SIZE 50                   | 69   |
| 192500Y00YK | BUCKLE 192 SIZE 50                   | 69   |
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| 234SETE01KK | ELASTIC TETHER EVO SINGLE            | 90   |
| 233SETE01KK | ELASTIC TETHER EVO DOUBLE            | 90   |
| 265000100KK | PADDLE BENT GATE KEYLOCK             | 21   |
| 265000105KK | PADDLE BAR BENT GATE                 | 21   |
| 265BD0400KK | PADDLE BENT GATE KEYLOCK             | 21   |
| 265BD0405KK | PADDLE BAR BENT GATE                 | 21   |
| 265NN0400KK | PADDLE BENT GATE KEYLOCK             | 21   |
| 265NN0405KK | PADDLE BAR BENT GATE                 | 21   |
| 265RC0400KK | PADDLE BENT GATE KEYLOCK             | 21   |
| 265RC0405KK | PADDLE BAR BENT GATE                 | 21   |
| 266RY0400KK | PADDLE BENT GATE                     | 21   |

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| 283SETE01KK | ELASTIC TETHER DOUBLE | 91   |
| 284SETE01KK | ELASTIC TETHER SINGLE | 91   |
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| 300080000YK | SWIVEL 300 SIZE 8-28  | 64   |
| 300080N00XK | SWIVEL 300 SIZE 8-28  | 64   |
| 301070N00YK | SWIVEL 301 SIZE 7-12  | 64   |
| 301070Y00YK | SWIVEL 301 SIZE 7-12  | 64   |
| 301070Z00YK | SWIVEL 301 SIZE 7-12  | 64   |
| 301090N00YK | SWIVEL 301 SIZE 9-12  | 64   |
| 301090Y00YK | SWIVEL 301 SIZE 9-12  | 64   |
| 301090Z00YK | SWIVEL 301 SIZE 9-12  | 64   |
| 303100000XK | SWIVEL 303 SIZE 10    | 65   |
| 303100N00XK | SWIVEL 303 SIZE 10    | 65   |
| 303120000XK | SWIVEL 303 SIZE 12    | 65   |
| 303120N00XK | SWIVEL 303 SIZE 12    | 65   |
| 303130000XK | SWIVEL 303 SIZE 13    | 65   |
| 303140000XK | SWIVEL 303 SIZE 14    | 65   |
| 303140N00XK | SWIVEL 303 SIZE 14    | 65   |
| 303150000XK | SWIVEL 303 SIZE 15    | 65   |
| 303150N00XK | SWIVEL 303 SIZE 15    | 65   |
| 308160000XK | SWIVEL 308 SIZE 16    | 64   |
| 309160000XK | SWIVEL 309 SIZE 16    | 64   |
| 309160N00XK | SWIVEL 309 SIZE 16    | 64   |
| 310010000YK | SNAP 310 SIZE 01      | 57   |
| 310010N00YK | SNAP 310 SIZE 01      | 57   |
| 310020000YK | SNAP 310 SIZE 02      | 57   |
| 310020N00YK | SNAP 310 SIZE 02      | 57   |
| 310030000YK | SNAP 310 SIZE 03      | 57   |
| 310030N00YK | SNAP 310 SIZE 03      | 57   |
| 313101N00XK | SWIVEL 303-1 SIZE 10  | 65   |
| 313102N00XK | SWIVEL 303-2 SIZE 10  | 65   |
| 315100000YK | SNAP 315 SIZE 10      | 57   |
| 315100N00YK | SNAP 315 SIZE 10      | 57   |
| 316150N00YK | SNAP 316 SIZE 15      | 57   |
| 316180000YK | SNAP 316 SIZE 18      | 57   |
| 316180N00YK | SNAP 316 SIZE 18      | 57   |
| 317100000YK | SNAP 317 SIZE 10      | 58   |
| 317100N00YK | SNAP 317 SIZE 10      | 58   |
| 320160000XK | SWIVEL 320 SIZE 16-16 | 65   |
| 320160N00YK | SWIVEL 320 SIZE 16-16 | 65   |
| 320210000YK | SWIVEL 320 SIZE 21-21 | 65   |
| 320210N00YK | SWIVEL 320 SIZE 21-21 | 65   |
| 320250000YK | SWIVEL 320 SIZE 25-25 | 65   |
| 320250N00YK | SWIVEL 320 SIZE 25-25 | 65   |
| 330300000XK | JIB SNAP 330 SIZE 30  | 62   |
| 330300N00XK | JIB SNAP 330 SIZE 30  | 62   |
| 330400000XK | JIB SNAP 330 SIZE 40  | 62   |
| 330400N00XK | JIB SNAP 330 SIZE 40  | 62   |
| 330500000XK | JIB SNAP 330 SIZE 50  | 62   |
| 330500N00XK | JIB SNAP 330 SIZE 50  | 62   |
| 330600000XK | JIB SNAP 330 SIZE 60  | 62   |

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| 330600N00XK | JIB SNAP 330 SIZE 60         | 62   |
| 331400000YK | JIB SNAP 331 SIZE 40         | 62   |
| 331500000YK | JIB SNAP 331 SIZE 50         | 62   |
| 331600000YK | JIB SNAP 331 SIZE 60         | 62   |
| 331750000YK | JIB SNAP 331 SIZE 75         | 62   |
| 332500000WK | JIB SNAP 332 SIZE 50         | 62   |
| 332550000WK | JIB SNAP 332 SIZE 55         | 62   |
| 332650000WK | JIB SNAP 332 SIZE 65         | 62   |
| 354050N00XK | SNAP FOR LEASHES 354 SIZE 50 | 61   |
| 354060N00XK | SNAP FOR LEASHES 354 SIZE 60 | 61   |
| 354070N00XK | SNAP FOR LEASHES 354 SIZE 70 | 61   |
| 359100000YK | SNAP 359 SIZE 10             | 56   |
| 359100N00YK | SNAP 359 SIZE 10             | 56   |
| 359120000YK | SNAP 359 SIZE 12             | 56   |
| 359120N00YK | SNAP 359 SIZE 12             | 56   |
| 359120Y00YK | SNAP 359 SIZE 12             | 56   |
| 360100000YK | SNAP 360 SIZE 10             | 56   |
| 360100N00YK | SNAP 360 SIZE 10             | 56   |
| 360100Y00YK | SNAP 360 SIZE 10             | 56   |
| 360120000YK | SNAP 360 SIZE 12             | 56   |
| 360120N00YK | SNAP 360 SIZE 12             | 56   |
| 360120Y00YK | SNAP 360 SIZE 12             | 56   |
| 360160000YK | SNAP 360 SIZE 16             | 56   |
| 360160C00YK | SNAP 360 SIZE 16             | 56   |
| 360160N00YK | SNAP 360 SIZE 16             | 56   |
| 360160Y00YK | SNAP 360 SIZE 16             | 56   |
| 360210000YK | SNAP 360 SIZE 21             | 56   |
| 360210N00YK | SNAP 360 SIZE 21             | 56   |
| 360210Y00YK | SNAP 360 SIZE 21             | 56   |
| 360250000YK | SNAP 360 SIZE 25             | 56   |
| 360250N00YK | SNAP 360 SIZE 25             | 56   |
| 360250Y00YK | SNAP 360 SIZE 25             | 56   |
| 360280000YK | SNAP 360 SIZE 28             | 56   |
| 360280N00YK | SNAP 360 SIZE 28             | 56   |
| 360320000YK | SNAP 360 SIZE 32             | 56   |
| 360320N00YK | SNAP 360 SIZE 32             | 56   |
| 361200000YK | SNAP 361 SIZE 20             | 56   |
| 361200N00XK | SNAP 361 SIZE 20             | 56   |
| 362180000YK | SNAP 362 SIZE 18             | 56   |
| 362180N00YK | SNAP 362 SIZE 18             | 56   |
| 363000000YK | SNAP 363 SIZE 0              | 57   |
| 363000N00YK | SNAP 363 SIZE 0              | 57   |
| 363010000YK | SNAP 363 SIZE 1              | 57   |
| 363010N00YK | SNAP 363 SIZE 1              | 57   |
| 363010Y00YK | SNAP 363 SIZE 1              | 57   |
| 363020000YK | SNAP 363 SIZE 2              | 57   |
| 363020N00YK | SNAP 363 SIZE 2              | 57   |
| 363030000YK | SNAP 363 SIZE 3              | 57   |
| 363030N00YK | SNAP 363 SIZE 3              | 57   |
| 366090000YK | SNAP 366                     | 58   |
| 367090000YK | SNAP 367 SIZE 90             | 58   |

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| 367100000YK | SNAP 367 SIZE 100                         | 58   |
| 367100N00YK | SNAP 367 SIZE 100                         | 58   |
| 367120000YK | SNAP 367 SIZE 120                         | 58   |
| 367120N00YK | SNAP 367 SIZE 120                         | 58   |
| 368120000YK | SNAP 368 SIZE 12                          | 58   |
| 368120N00YK | SNAP 368 SIZE 12                          | 58   |
| 369130000YK | SNAP 369 SIZE 13                          | 57   |
| 369130N00YK | SNAP 369 SIZE 13                          | 57   |
| 369130Y00YK | SNAP 369 SIZE 13                          | 57   |
| 369200000YK | SNAP 369 SIZE 20                          | 57   |
| 369200N00YK | SNAP 369 SIZE 20                          | 57   |
| 369270000YK | SNAP 369 SIZE 27                          | 57   |
| 369270N00YK | SNAP 369 SIZE 27                          | 57   |
| 369270Y00YK | SNAP 369 SIZE 27                          | 57   |
| 370200000YK | SNAP FOR LEASHES 370 SIZE 20              | 60   |
| 370260000YK | SNAP FOR LEASHES 370 SIZE 26              | 60   |
| 371220000YK | SNAP FOR LEASHES 371 SIZE 22              | 60   |
| 372200000YK | SNAP FOR LEASHES 372 SIZE 20              | 60   |
| 372260000YK | SNAP FOR LEASHES 372 SIZE 26              | 60   |
| 373220000YK | SNAP FOR LEASHES 373 SIZE 22              | 60   |
| 382010000YK | SNAP 382 SIZE 1                           | 59   |
| 382010N00YK | SNAP 382 SIZE 1                           | 59   |
| 382020000YK | SNAP 382 SIZE 2                           | 59   |
| 382020N00YK | SNAP 382 SIZE 2                           | 59   |
| 382030000YK | SNAP 382 SIZE 3                           | 59   |
| 382030N00YK | SNAP 382 SIZE 3                           | 59   |
| 383020000YK | SNAP 383 SIZE 2                           | 59   |
| 383020N00YK | SNAP 383 SIZE 2                           | 59   |
| 383030000YK | SNAP 383 SIZE 3                           | 59   |
| 383030N00YK | SNAP 383 SIZE 3                           | 59   |
| 387230000YK | SNAP 387 SIZE 23                          | 58   |
| 387230N00YK | SNAP 387 SIZE 23                          | 58   |
| 387280000YK | SNAP 387 SIZE 28                          | 58   |
| 387280N00YK | SNAP 387 SIZE 28                          | 58   |
| 388220000YK | SNAP 388 SIZE 22                          | 59   |
| 388220N00YK | SNAP 388 SIZE 22                          | 59   |
| 388220Y00YK | SNAP 388 SIZE 22                          | 59   |
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| 400040ZB2XK | QUICK LINK CARBON STEEL SIZE 4            | 51   |
| 400050ZB2XK | QUICK LINK CARBON STEEL SIZE 5            | 51   |
| 400060ZB2XK | QUICK LINK CARBON STEEL SIZE 6            | 51   |
| 400080ZB2XK | QUICK LINK CARBON STEEL SIZE 8            | 51   |
| 400100ZB2XK | QUICK LINK CARBON STEEL SIZE 10           | 51   |
| 400120ZB2XK | QUICK LINK CARBON STEEL SIZE 12           | 51   |
| 401040Z00XK | CLASSIC CARBON STEEL STRAIGHT GATE SIZE 4 | 37   |
| 401050Z00XK | CLASSIC CARBON STEEL STRAIGHT GATE SIZE 5 | 37   |
| 401060Z00XK | CLASSIC CARBON STEEL STRAIGHT GATE SIZE 6 | 37   |
| 401070Z00XK | CLASSIC CARBON STEEL STRAIGHT GATE SIZE 7 | 37   |
| 401080Z00XK | CLASSIC CARBON STEEL STRAIGHT GATE SIZE 8 | 37   |
| 401090Z00XK | CLASSIC CARBON STEEL STRAIGHT GATE SIZE 9 | 37   |

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| 401120Z00XK | CLASSIC CARBON STEEL STRAIGHT GATE SIZE 12             | 37   |
| 401140Z00XK | CLASSIC CARBON STEEL STRAIGHT GATE SIZE 14             | 37   |
| 401160Z00XK | CLASSIC CARBON STEEL STRAIGHT GATE SIZE 16             | 37   |
| 403071ZB2KK | QUICK LINK ASYMMETRIC ZINC PLATED CARBON STEEL SIZE 10 | 51   |
| 409100ZB2KK | "D" QUICK LINK ZINC PLATED CARBON STEEL SIZE 10        | 51   |
| 410120Z00KK | X-LARGE CARBON STEEL STRAIGHT GATE                     | 34   |
| 411120ZL1KK | X-LARGE CARBON STEEL SCREW SLEEVE                      | 34   |
| 411120ZOZKK | X-LARGE ANSI CARBON STEEL AUTO BLOCK                   | 35   |
| 411120ZTZKK | X-LARGE ANSI CARBON STEEL TWIST LOCK                   | 35   |
| 411120ZYZKK | X-LARGE CARBON STEEL AUTO BLOCK                        | 34   |
| 411120ZZZKK | X-LARGE CARBON STEEL TWIST LOCK                        | 34   |
| 412110ZOZKK | OVALONE ANSI CARBON STEEL AUTO BLOCK                   | 29   |
| 412110ZTZKK | OVALONE ANSI CARBON STEEL TWIST LOCK                   | 29   |
| 412110ZYZKK | OVALONE CARBON STEEL SCREW SLEEVE                      | 28   |
| 412110ZYZKK | OVALONE CARBON STEEL AUTO BLOCK                        | 28   |
| 412110ZZZKK | OVALONE CARBON STEEL TWIST LOCK                        | 28   |
| 414110ZOZKK | OVALONE DNA ANSI AUTO BLOCK                            | 30   |
| 414110ZTZKK | OVALONE DNA ANSI TWIST LOCK                            | 30   |
| 414110ZYZKK | OVALONE DNA AUTO BLOCK                                 | 30   |
| 414110ZZZKK | OVALONE DNA TWIST LOCK                                 | 30   |
| 416130ZX1KK | DOUBLE GATE SIZE 12                                    | 36   |
| 422000Z00KK | ANCHOR SAVER   | 89   |
| 435050Z00KK | HARNESS CARBON STEEL STRAIGHT GATE SIZE 5              | 32   |
| 435060Z00KK | HARNESS CARBON STEEL STRAIGHT GATE SIZE 6              | 32   |
| 435080Z00KK | HARNESS CARBON STEEL STRAIGHT GATE SIZE 8              | 32   |
| 435100Z00KK | HARNESS CARBON STEEL STRAIGHT GATE SIZE 10             | 32   |
| 435120Z00KK | HARNESS CARBON STEEL STRAIGHT GATE SIZE 12             | 32   |
| 436080ZC1KK | HARNESS CARBON STEEL SCREW SLEEVE SIZE 8               | 32   |
| 436100ZC1KK | HARNESS CARBON STEEL SCREW SLEEVE SIZE 10              | 32   |
| 436120ZC1KK | HARNESS CARBON STEEL SCREW SLEEVE SIZE 12              | 32   |
| 436120ZYZKK | HARNESS CARBON STEEL AUTO BLOCK SIZE 12                | 32   |
| 436120ZZZKK | HARNESS CARBON STEEL TWIST LOCK SIZE 12                | 32   |
| 437050Z00KK | HARNESS EYE CARBON STEEL STRAIGHT GATE SIZE 5          | 33   |
| 437060Z00KK | HARNESS EYE CARBON STEEL STRAIGHT GATE SIZE 6          | 33   |
| 437080Z00KK | HARNESS EYE CARBON STEEL STRAIGHT GATE SIZE 8          | 33   |
| 437100Z00KK | HARNESS EYE CARBON STEEL STRAIGHT GATE SIZE 10         | 33   |
| 437120Z00KK | HARNESS EYE CARBON STEEL STRAIGHT GATE SIZE 12         | 33   |
| 438080ZC1KK | HARNESS EYE CARBON STEEL SCREW SLEEVE SIZE 8           | 33   |
| 438100ZC1KK | HARNESS EYE CARBON STEEL SCREW SLEEVE SIZE 10          | 33   |
| 438120ZC1KK | HARNESS EYE CARBON STEEL SCREW SLEEVE SIZE 12          | 33   |
| 438120ZYZKK | HARNESS EYE CARBON STEEL AUTO BLOCK SIZE 12            | 33   |
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| 444080Z00KK | FIXED ANCHOR CONNECTOR 6-7-8 MM                        | 85   |
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| 450300N00XK | SNAP FOR LEASHES 450 SIZE 30                           | 61   |
| 450400N00XK | SNAP FOR LEASHES 450 SIZE 40                           | 61   |
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| 450600N00XK | SNAP FOR LEASHES 450 SIZE 60                           | 61   |
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| 51012BB04KK | X-LARGE STAINLESS STEEL STRAIGHT GATE SIZE 12 | 43   |
| 5111200L3KK | X-LARGE STAINLESS STEEL SCREW SLEEVE SIZE 12  | 43   |
| 5111200Y3KK | X-LARGE STAINLESS STEEL AUTO BLOCK SIZE 12    | 43   |
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| 516100000KK | BBQ WIDE OPENING SIZE 10                      | 50   |
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| 520010000XK | QUICK RELEASE 520 SIZE 01                     | 82   |
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| 53506BB04KK | HARNESS STAINLESS STEEL STRAIGHT GATE SIZE 6  | 40   |
| 535080000KK | HARNESS STAINLESS STEEL STRAIGHT GATE SIZE 8  | 40   |
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| 53510BB04KK | HARNESS STAINLESS STEEL STRAIGHT GATE SIZE 10 | 40   |
| 535120000KK | HARNESS STAINLESS STEEL STRAIGHT GATE SIZE 12 | 40   |
| 53512BB04KK | HARNESS STAINLESS STEEL STRAIGHT GATE SIZE 12 | 40   |
| 535200000KK | HARNESS STAINLESS STEEL STRAIGHT GATE SIZE 20 | 40   |
| 5360800C3KK | HARNESS STAINLESS STEEL SCREW SLEEVE SIZE 8   | 40   |
| 5360800J1KK | HARNESS STAINLESS STEEL SCREW SLEEVE SIZE 8   | 40   |
| 5361000C3KK | HARNESS STAINLESS STEEL SCREW SLEEVE SIZE 10  | 40   |
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| 5361200Y3KK | HARNESS STAINLESS STEEL AUTO BLOCK SIZE 12    | 40   |
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| 537100000KK | HARNESS STAINLESS STEEL STRAIGHT GATE SIZE 10       | 41   |
| 53710BB04KK | HARNESS STAINLESS STEEL STRAIGHT GATE SIZE 10       | 41   |
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| 5381200C3KK | HARNESS STAINLESS STEEL SCREW SLEEVE SIZE 12        | 41   |
| 5381200Y3KK | HARNESS STAINLESS STEEL AUTO BLOCK SIZE 12          | 41   |
| 5381200Z3KK | HARNESS STAINLESS STEEL TWIST LOCK SIZE 12          | 41   |
| 555050000KK | CLASSIC STAINLESS STEEL STRAIGHT GATE SIZE 5        | 46   |
| 55505BB04KK | CLASSIC STAINLESS STEEL STRAIGHT GATE SIZE 5        | 46   |
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| 557120000KK | CLASSIC EYE STAINLESS STEEL STRAIGHT GATE SIZE 12   | 46   |
| 557160000KK | CLASSIC EYE STAINLESS STEEL STRAIGHT GATE SIZE 16   | 46   |
| 5581000C3KK | CLASSIC EYE STAINLESS STEEL SCREW SLEEVE SIZE 10    | 47   |
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| 567080000KK | INDOOR BAR STRAIGHT GATE SIZE 8             | 44   |
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| 6000500D1KK | QUICK LINK STAINLESS STEEL SIZE 5           | 51   |
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| 6001000D1KK | QUICK LINK STAINLESS STEEL SIZE 10          | 51   |
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| 634120000XK | CLIP 634 SIZE 12                            | 88   |
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| 644100000KK | SWIVEL ANCHOR CONNECTOR 8÷12 MM             | 84   |
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| 7060801A1KK | HARNESS ALU ALLOY SCREW SLEEVE SIZE 8       | 12   |
| 7061001A1KK | HARNESS ALU ALLOY SCREW SLEEVE SIZE 10      | 12   |
| 7061201A1KK | HARNESS ALU ALLOY SCREW SLEEVE SIZE 12      | 12   |
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| 7120001V1KK | OVALONE ALU ALLOY AUTO BLOCK                | 10   |
| 712NNN6VNKK | OVALONE ALU ALLOY AUTO BLOCK                | 10   |
| 712ONO6AOKK | OVALONE ALU ALLOY SCREW SLEEVE              | 10   |
| 712OPN7VNKK | OVALONE ALU ALLOY AUTO BLOCK                | 10   |
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| 712RNP4A1KK | OVALONE ALU ALLOY SCREW SLEEVE              | 10   |
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| 712RPP3V1KK | OVALONE ALU ALLOY AUTO BLOCK                | 10   |
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| 713FC0400KK | GUIDE STRAIGHT GATE                         | 19   |
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| 71500NNX2KK | TANGO DOUBLE GATE                           | 26   |
| 71500RPX2KK | TANGO DOUBLE GATE                           | 26   |
| 71624P1X2KK | QUEEDY DOUBLE GATE                          | 26   |
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| 730NNN6ANKK | OVAL ALU SCREW SLEVE                     | 11   |
| 730ONO6AOKK | OVAL ALU SCREW SLEEVE                    | 11   |
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| 7330001A1KK | GUIDE SCREW SLEEVE                       | 19   |
| 733FCP4A1KK | GUIDE SCREW SLEEVE                       | 19   |
| 733NNN6ANKK | GUIDE SCREW SLEEVE                       | 19   |
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| 763NN0400KK | ERGO BENT GATE                           | 16   |
| 769000100KK | TRAPPER BENT GATE                        | 18   |
| 769CN0400KK | TRAPPER BENT GATE                        | 18   |
| 7780001A1KK | FERRATA SCREW SLEEVE                     | 20   |
| 7780001G1KK | FERRATA EXPRESS SLEEVE                   | 20   |
| 7780001P1KK | FERRATA TWIST LOCK                       | 20   |
| 7780001V1KK | FERRATA AUTO BLOCK                       | 20   |
| 778NNN6ANKK | FERRATA SCREW SLEEVE                     | 20   |
| 778NNN6GNKK | FERRATA EXPRESS SLEEVE                   | 20   |
| 778NNN6PNKK | FERRATA TWIST LOCK                       | 20   |
| 778NNN6VNKK | FERRATA AUTO BLOCK                       | 20   |
| 778RPP3G1KK | FERRATA EXPRESS SLEEVE                   | 20   |
| 778RPP3P1KK | FERRATA TWIST LOCK                       | 20   |
| 778RPP3V1KK | FERRATA AUTO BLOCK                       | 20   |
| 7830001A1KK | ERGO SCREW SLEEVE                        | 16   |
| 7830001G1KK | ERGO EXPRESS SLEEVE                      | 16   |
| 7830001P1KK | ERGO TWIST LOCK                          | 17   |
| 7830001V1KK | ERGO AUTO BLOCK                          | 17   |

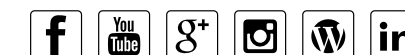
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|-------------|-----------------------------|------|
| 783NCP4A1KK | ERGO SCREW SLEEVE           | 16   |
| 783NNN6ANKK | ERGO SCREW SLEEVE           | 16   |
| 783NNN6PNKK | ERGO TWIST LOCK             | 17   |
| 783NNN6VNKK | ERGO AUTO BLOCK             | 17   |
| 785NNN6ANKK | HEAVY DUTY ALU SCREW SLEEVE | 17   |
| 7860001A1KK | H.M.S. CLASSIC SCREW SLEEVE | 24   |
| 7860001P1KK | H.M.S. CLASSIC TWIST LOCK   | 24   |
| 7860001V1KK | H.M.S. CLASSIC AUTO BLOCK   | 24   |
| 786DBD6ADKK | H.M.S. CLASSIC SCREW SLEEVE | 24   |
| 786DPB5PBKK | H.M.S. CLASSIC TWIST LOCK   | 24   |
| 786DPB5VBKK | H.M.S. CLASSIC AUTO BLOCK   | 24   |
| 786NNN6ANKK | H.M.S. CLASSIC SCREW SLEEVE | 24   |
| 786NNN6PNKK | H.M.S. CLASSIC TWIST LOCK   | 24   |
| 786NNN6VNKK | H.M.S. CLASSIC AUTO BLOCK   | 24   |
| 786ONO6AOKK | H.M.S. CLASSIC SCREW SLEEVE | 24   |
| 786OPN7PNKK | H.M.S. CLASSIC TWIST LOCK   | 24   |
| 786OPN7VNKK | H.M.S. CLASSIC AUTO BLOCK   | 24   |
| 786RNP4A1KK | H.M.S. CLASSIC SCREW SLEEVE | 24   |
| 786RPP3V1KK | H.M.S. CLASSIC AUTO BLOCK   | 24   |
| 789CNP4A1KK | TRAPPER SCREW SLEEVE        | 18   |
| 789NNN6ANKK | TRAPPER SCREW SLEEVE        | 18   |
| 793000100KK | ERGO STRAIGHT GATE          | 16   |
| 793NC0400KK | ERGO STRAIGHT GATE          | 16   |
| 793NN0400KK | ERGO STRAIGHT GATE          | 16   |
| 799000100KK | TRAPPER STRAIGHT GATE       | 18   |
| 799CN0400KK | TRAPPER STRAIGHT GATE       | 18   |
| <b># 9</b>  |                             |      |
| 901000100KK | PADDLE WIRE BENT GATE       | 21   |
| 901B00300KK | PADDLE WIRE BENT GATE       | 21   |
| 901R00300KK | PADDLE WIRE BENT GATE       | 21   |
| 907N003X3KK | ERGO DOUBLE GATE            | 17   |
| 908B00300KK | ARGON F - LIGHT ALLOY       | 14   |
| 908D00300KK | ARGON F - LIGHT ALLOY       | 14   |
| 909B00300KK | ARGON RF - LIGHT ALLOY      | 15   |
| 910000100KK | X-LARGE ALU STRAIGHT GATE   | 23   |
| 9110001A1KK | X-LARGE ALU SCREW SLEEVE    | 23   |
| 9110001V1KK | X-LARGE ALU AUTO BLOCK      | 23   |
| 911NNN6ANKK | X-LARGE ALU SCREW SLEEVE    | 23   |
| 911ONO6AOKK | X-LARGE ALU SCREW SLEEVE    | 23   |
| 911OPN7PNKK | X-LARGE ALU TWIST LOCK      | 23   |
| 911OPN7VNKK | X-LARGE ALU AUTO BLOCK      | 23   |
| 911RPP3P1KK | X-LARGE ALU TWIST LOCK      | 23   |
| 911RPP3V1KK | X-LARGE ALU AUTO BLOCK      | 23   |
| 911RXP4A1KK | X-LARGE ALU SCREW SLEEVE    | 23   |
| 923A302NOXK | BUCKLE 923 SIZE 30          | 75   |
| 923A302POXK | BUCKLE 923 SIZE 30          | 75   |
| 923A442B0XK | BUCKLE 923 SIZE 44          | 75   |
| 923A442NOXK | BUCKLE 923 SIZE 44          | 75   |
| 923A442POXK | BUCKLE 923 SIZE 44          | 75   |
| 923I44200XK | BUCKLE 923 SIZE 44          | 75   |
| 924A301NOXK | BUCKLE 924 SIZE 30          | 75   |

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| 924A441B0XK | BUCKLE 924 SIZE 44        | 75   |
| 924A441NOXK | BUCKLE 924 SIZE 44        | 75   |
| 924A441POXK | BUCKLE 924 SIZE 44        | 75   |
| 924F441OZXK | BUCKLE 924 SIZE 44        | 75   |
| 925A442NOXK | BUCKLE 925 SIZE 44        | 75   |
| 926A462P0XK | BUCKLE 926 SIZE 46        | 75   |
| 926F462Z0XK | BUCKLE 926 SIZE 46        | 75   |
| 927F211NOXK | BUCKLE 927 SIZE 21        | 76   |
| 927F281NOXK | BUCKLE 927 SIZE 28        | 76   |
| 927F321NOXK | BUCKLE 927 SIZE 32        | 76   |
| 927F441NOXK | BUCKLE 927 SIZE 44        | 76   |
| 928A282NOXK | BUCKLE 928 SIZE 28        | 76   |
| 928F441NOXK | BUCKLE 928 SIZE 44        | 76   |
| 929F442OZXK | BUCKLE 929 SIZE 44        | 75   |
| 929I44200XK | BUCKLE 929 SIZE 44        | 75   |
| 9570001A1KK | H.M.S. NAPIK SCREW SLEEVE | 25   |
| 9570001P1KK | H.M.S. NAPIK TWIST LOCK   | 25   |
| 957BDB6ABKK | H.M.S. NAPIK SCREW SLEEVE | 25   |
| 957BPD5PDKK | H.M.S. NAPIK TWIST LOCK   | 25   |
| 957BPD5VDKK | H.M.S. NAPIK AUTO BLOCK   | 25   |
| 957NNN6ANKK | H.M.S. NAPIK SCREW SLEEVE | 25   |
| 957OPF4A1KK | H.M.S. NAPIK SCREW SLEEVE | 25   |
| 957ONO6AOKK | H.M.S. NAPIK SCREW SLEEVE | 25   |
| 957OPN7PNKK | H.M.S. NAPIK TWIST LOCK   | 25   |
| 957OPN7VNKK | H.M.S. NAPIK AUTO BLOCK   | 25   |
| 957RPP3P1KK | H.M.S. NAPIK TWIST LOCK   | 25   |
| 957RPP3V1KK | H.M.S. NAPIK AUTO BLOCK   | 25   |

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