CATALOGO **2017**

AREF

CATENE TRAZIONATE GARANTITE

GARANZIA TEST FULL TRACTION

INDICE

11 TecnØ®

CATENE IN MATASSA

15 ACCESSORI

18 TecnØ TESTED

20 PENDENTI DI CATENA

22 ACCESSORI A RICHIESTA

23 ***SHOP***

23 CATENE IN SCATOLA

24 CATENE SU BOBINA

25 CATENE ORNAMENTALI

28 ACCESSORI

31 ESPOSITORI

33 ***SAFETY***

CATENE DI SICUREZZA

34 CATENE ACCIAIO SEZIONI SAGOMATE

37 CATENE ACCIAIO A MAGLIA TONDA

38 LUCCHETTI

39 **CITY**

CATENE PER ARREDO URBANO

41 ACCESSORI

42 **NAUTA**

CATENE INOX

44 ACCESSORI INOX

46 CATENE ZINCATE A CALDO

49 **RANCH**

CATENE PER ALLEVAMENTI

50 LEGAMI 3 CAPI

ACCESSORI

LINEE DI PRODOTTO E CAMPI DI APPLICAZIONE
PRODUCT LINES AND APPLICATION AREA

TecnØ

QUANDO UNA CATENA
NON VALE UN'ALTRA
WHEN A CHAIN IS NOT ANOTHER

INDUSTRIA *INDUSTRY* | EDILIZIA *BUILDING* | SANITARI *IDRAULIC* | TRASMISSIONE *TRASMISSION* | GIARDINAGGIO *GARDEN* | PARCHI *PLAYGROUND*

TecnØTESTED

CATENE ED ACCESSORI
PER IL SOLLEVAMENTO
LIFTING CHAIN AND FITTINGS

SOLLEVAMENTO *LIFTING* | TRASMISSIONE *TRASMISSION* | INDUSTRIA *INDUSTRY* | EDILIZIA *BUILDING*

SHOP

UNA LINEA COMPLETA
DI PRODOTTI DEDICATI
ALLA FERRAMENTA E FAI DA TE
PRODUCTS STUDIED
FOR THE HARDWARE AND DIY

FAI DA TE *DIY* | GIARDINAGGIO *GARDEN* | INDUSTRIA *INDUSTRY* | EDILIZIA *BUILDING* | SANITARI *IDRAULIC* | PARCHI *PLAYGROUND*

SAFETY

CATENE DI SICUREZZA
SAFETY CHAINS

SICUREZZA *SECURITY* | FAI DA TE *DIY* | INDUSTRIA *INDUSTRY* | NAUTICA *MARINE*

CITY

CATENE PER ARREDO URBANO
STREET FORNITURE

ARREDO URBANO *STREET FORNITURE* | FAI DA TE *DIY* | GIARDINAGGIO *GARDEN* | PARCHI *PLAYGROUND* | EDILIZIA *BUILDING*

NAUTA

CATENE INOX E ZINCATE A CALDO
STAINLESS STEEL
AND HOT DIPPED GALV. CHAINS

NAUTICA *MARINE* | FAI DA TE *DIY* | INDUSTRIA *INDUSTRY* | EDILIZIA *BUILDING* | SANITARI *IDRAULIC*

ALIMENTARI *FOOD* | TRASMISSIONE *TRASMISSION* | PARCHI *PLAYGROUND* | GIARDINAGGIO *GARDEN*

RANCH

CATENE PER ALLEVAMENTI;
ZOOTECNIA ED INDUSTRIA
ALIMENTARE
CHAINS FOR BREEDING CATTLE, ANIMAL
FARMING AND FOOD INDUSTRY

AGRICOLTURA *FARMING* | ALIMENTARI *FOOD*

La AREF (acronimo di Angelo Ratti E Francesca) srl è una storica azienda nata a Lecco, un distretto produttivo che ha nella lavorazione dell'acciaio e dei suoi derivati, in particolare nella produzione di catene ad anelli, una vocazione più che centenaria.

L'azienda, che oggi ha sede nello stabilimento di Valmadrera, da sempre attenta all'ammodernamento degli impianti ed all'innovazioe tecnologica, ha destinato rilevanti investimenti per la completa integrazione di cicli produttivi, che consentono la realizzazione di prodotti finiti, partendo direttamente dalla trafilatura dei vari materiali utilizzati.

AREF is a historic company originally established in Lecco, heart of an industrial district with a 100-year old tradition of processing steel and its derivatives, in particular link chains.

The company now has its HQ and factory in Valmadrera. Using innovative technology and continuously updated state-of-the-art production lines, AREF has invested significant resources in the complete integration of the production cycle, obtaining the finished product directly from drawing various raw materials.

SISTEMA QUALITÀ CERTIFICATO DAL 2002

Attraverso la particolare attenzione all'innovazione ed all'integrazione dei cicli produttivi, facciamo in modo che tutti i nostri prodotti garantiscano la miglior qualità e che i servizi corrispondano sia alle specifiche dei nostri clienti che agli standard internazionali.
I nostri prodotti e servizi, uniti alla dedizione dei nostri dipendenti, sono il fondamento della ricerca alla completa soddisfazione del cliente.
In questa ottica la nostra gestione della qualità è determinata dal principio: "Ai nostri clienti fornire solo prodotti di qualità pienamente adeguati agli standard tecnologici e alle sue esigenze di utilizzo".
La nostra azienda è costantemente impegnata a mantenere l'attività produttiva con un minimo impatto ambientale, sforzandoci di ridurre l'uso di energia, rispettando l'ambiente, evitando le emissioni nocive mantenendo al minimo la produzione di rifiuti.

ISO 9001: 2008

CERTIFICATE
No. Z1 13 02 83367 001

QUALITY SISTEM CERTIFIED FROM 2002

Using innovative technology an continuously update state of the art production lines we make sure that all our products ensure the best quality ,and the services must meet both the specifications of our customers and the international standards our products and services, as well as our employees' passionate dedication are the foundation to our pursuit of outstanding services and complete customer satisfaction to this end, AREF quality management is determined by the principle: "We supply our customers with quality products which fully meet technological standards and its usage requirements".
Our company continuously committed that the productive activity has a very low environmental impact, we strive to reduce the use of energy, environmentally harmful emissions and keep the production of waste to a minimum.

PROCESSO PRODUTTIVO

Il processo produttivo è controllato in ogni singola fase.
Dal magazzino materie prime viene prelevato il materiale, normalmente acciaio laminato, con il quale, dopo il posizionamento su adeguate piattaforme, inizia il processo di lavorazione.

Ogni linea di produzione è costituita da 5 macchine operatrici:

1. Macchine trafilatrici ad asse orizzontale per la calibratura a diametro dell'acciaio
2. Macchine piegatrici per catena in cui tutte le sequenze sono controllati meccanicamente

3-4. Macchine saldatrici per saldatura catena a resistenza con controllo elettronico dei parametri di saldatura

5. Speciali trazionatrici con carico di prova applicato sistematicamente su ogni singola maglia prodotta; (Garanzia test "Full Traction")

PRODUCTION PROCESS

The production process is controlled in every stage.
The raw materials, normally rolled steel, is taken from warehouse, and, after placement of the coils on platforms, we starts the machining process.

Each chain manufacturing lines consists of 5 operating machines:

1. *Horizontal wire drawing bullblocks where the rolled steel is drawn in wire.*
2. *Chain Bending Machines where all sequences are mechanically controlled*

3-4. Chain Welding Machines studied for the resistance butt welding with electronic control of the welding parameters.

5. *Special Machines for test load, load systematically applied on every link chain produced. ("Full Traction" test warranty)*

GARANZIA TEST FULL TRACTION

GARANZIA TEST
FULL TRACTION

Acronimo di sicurezza, perché ogni singola maglia da noi prodotta viene sottoposta a collaudo. A tale scopo tutte le nostre linee di produzione catena sono equipaggiate con macchine per il controllo a trazione di tutta la produzione.
La prova di trazione è una prova che consiste nel sottoporre le singole maglie ad un carico longitudinale, applicato al massimo valore calcolato e stabilito dalle Norme (UNI –DIN- ecc….), studiate per vari tipi di catene e per le quali possiamo garantire qualità ed affidabilità.

FULL TRACTION TEST WARRANTY

Acronym of safety, because every single link produced by us is subjected to testing. For this purpose all our chain manufacturing lines are equipped with proof testing machines for final inspection of entire production.
The test load consists in subjecting the individual links to a lungitudinal load, applied to the maximum value, calculated and planned of Standards (UNI -DIN- ... etc.), studied for various types of chains and for which we guarantee quality and reliability.

IMPIANTO DI ZINCATURA ELETTROLITICA

BLUCROM la finitura a 5 stelle
Rif. UNI EN ISO 4520

Con le seguenti specifiche caratteristiche e prerogative:

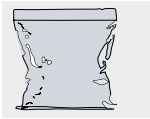
- Nuovo sistema di zincatura conforme alla Direttiva Europa nr. 2200/95/CE (RoHS) che vieta l'utilizzo del cromo esavalente.
- Innovativo processo di zincatura in linea con autotensionamento della catena che garantisce un deposito uniforme anche nei punti di congiunzione delle maglie.
- Spessore di zinco costante che assicura la miglior protezione ad ogni singola maglia in profondità ed in modo omogeneo.
- Elevata resistenza agli agenti atmosferici.
- Colorazione superficiale della catena dal caratteristico ed unico BLU lucente.

With the following specific characteristics and properties:

- *New galvanizing system in compliance with RoHS EU ECO-Directive (2002/95/EC), which prohibits the use of hexavalent chromium.*
- *Innovative in-line galvanizing process with automatic tension control to guarantee uniform coating of all link joints.*
- *Uniform zinc coating thickness offers the best protection of each individual link.*
- *Excellent weather protection.*
- *Chain surface coating in unique, typical bright BLUE.*

IMBALLI STANDARD
STANDARD PACKAGING

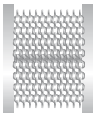
SACCHETTO
BAG



MATASSA
BUNDLE

SCATOLA
BOX

BOBINA
REEL



scatola *box*	dimensioni *dimensions* cm
SC2	15 x 24 x 36
SC1	12 x 22 x 22

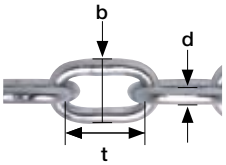
Bobina *Reel*	Dimensioni dimensions d x l (mm)
A30	200 x 315
A15	200 x 150
A09	200 x 90
SP1	90 x 180
SP2	90 x 85

AVVERTENZE

Tutti gli articoli, tranne quelli previsti nella linea TecnØTESTED, sono di qualità commerciale, non adatti ad applicazioni che prevedono variazioni di portata e/o superamento dei carichi di lavoro indicati o che siano destinati al sollevamento, trazione, sollecitazioni anomale. AREF è esente da ogni responsabilità per danni causati da un uso improprio degli articoli, come l'utilizzo degli stessi in presenza di fattori anomali di impiego quali usura, deformazione, attorcigliamento, corrosione, saldatura o riparazione non conforme, ecc.
Le caratteristiche dimensionali e i valori indicati sono i più accurati possibile al momento della stampa. Tuttavia, essi possono variare senza preavviso a causa del continuo miglioramento della qualità e del design dei nostri prodotti.

WARNING

All of the articles, with the exception of those in the TecnØtested line, are commercial quality. They are not suitable for applications that call for varying loads and/or exceeding the specified working load limit (rated capacity), or for use in hoisting, towing and/or heavy-duty applications. AREF declines all responsibility for damages caused by improper use, for example when used under conditions, such as wear, deformation, kinking or twisting, corrosion, welding, non-compliant repairs, etc.
The dimensions and values indicated herein are as accurate as possible at the time of print. However, they are subject to change without notice due to the continuous improvements in quality and product development.

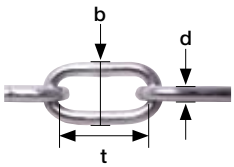


catena genovese
genoese chain

numero *number*	dimensioni *dimensions* d x t x b mm	peso *weight* ≃ kg/m	matassa *bundle* m	GARANZIA TEST FULL TRACTION	lucida *bright* cod.	€/m	BLUCROM cod.	€/m
10	1,5 x 12,8 x 6,8	0,039	50	8	CF015GN1050	0,735	CF015GM1050E	0,855
12	1,6 x 13,0 x 7,2	0,043	50	15	CF016GN1050	0,745	CF016GM1050E	0,885
13	2,0 x 13,8 x 9,0	0,064	50	20	CF020GN1050	0,760	CF020GM1050E	0,950
14	2,2 x 15,6 x 10,2	0,088	75	25	CF022GN1075	0,850	CF022GM1075E	1,005
15	2,4 x 16,0 x 10,8	0,100	75	30	CF024GN1075	0,960	CF024GM1075E	1,145
16	2,7 x 17,5 x 12,2	0,130	75	40	CF027GN1075	1,070	CF027GM1075E	1,305
17	3,0 x 19,0 x 13,0	0,160	75	55	CF030GN1075	1,230	CF030GM1075E	1,425
18	3,4 x 20,0 x 12,8	0,210	75	100	CF034GN1075	1,520	CF034GM1075E	1,755
19	4,0 x 21,5 x 15,3	0,275	75	110	CF040GN1075	1,725	CF040GM1075E	1,995
20	4,4 x 21,8 x 16,6	0,355	50	200	CF044GN1050	2,185	CF044GM1050E	2,400
21	5,0 x 24,0 x 18,2	0,440	50	250	CF050GN1050	2,605	CF050GM1050E	2,760
22	5,5 x 25,0 x 20,0	0,540	40	300	CF055GN1040	3,150	CF055GM1040E	3,325
23	6,0 x 28,0 x 22,2	0,655	30	310	CF060GN1030	3,530	CF060GM1030E	3,770
24	6,5 x 29,5 x 24,0	0,780	25	400	CF065GN1025	4,105	CF065GM1025E	4,480
25	7,0 x 31,0 x 26,5	0,950	25	450	CF070GN1025	4,745	CF070GM1025E	5,160
26	7,5 x 31,5 x 28,0	1,100	25	550	CF075GN1025	5,500	CF075GM1025E	5,905
27	8,0 x 35,0 x 29,8	1,250	25	600	CF080GN1025	5,955	CF080GM1025E	6,445
28	9,0 x 37,0 x 34,0	1,500	25	800	CF090GN1025	7,500	CF090GM1025E	7,995
30	10,0 x 40,0 x 37,0	1,950	25	1000	CF100GN1025	9,140	CF100GM1025E	10,300
32	12,0 x 47,5 x 44,5	2,850	25	1400	CF120GN1025	13,080	CF120GM1025E	14,935
34	14,0 x 56,0 x 51,0	4,150	20	1800	CF140GN1020	19,135	CF140GM1020E	21,405
36	16,0 x 56,0 x 54,0	5,300	20	2500	CF160GN1020	25,900	CF160GM1020E	28,915
38	18,0 x 63,0 x 60,0	6,700	20	3500	CF180GN1020	37,390	CF180GM1020E	41,740
40	20,0 x 70,0 x 67,0	8,100	20	4300	CF200GN1020	45,520	CF200GM1020E	50,815

carico limite di lavoro kg *working load limit*

Tolleranze come da tabelle DIN 5685-2 - *Tollerances as DIN 5685-2 norms*

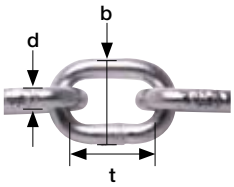


catena usuale
usual chain

norma VSM
VSM norm

dimensioni *dimensions* d x t x b mm	peso *weight* ≃ kg/m	matassa *bundle* m	GARANZIA TEST FULL TRACTION	lucida *bright* cod.	€/m	BLUCROM cod.	€/m
2,0 x 21,0 x 10,0	0,071	50	20	CF020UN1050	0,950	CF020UM1050E	1,100
2,5 x 22,0 x 11,5	0,109	50	35	CF025UN1050	1,150	CF025UM1050E	1,300
3,0 x 23,0 x 13,0	0,170	50	65	CF030UN1050	1,350	CF030UM1050E	1,600
3,5 x24,0 x 15,0	0,232	50	85	CF035UN1050	1,850	CF035UM1050E	2,100
4,0 x 26,0 x 17,0	0,292	50	150	CF040UN1050	2,150	CF040UM1050E	2,450
4,5 x 28,0 x 19,0	0,379	50	200	CF045UN1050	2,700	CF045UM1050E	3,000
5,0 x 30,0 x 21,0	0,456	50	250	CF049UN1050	3,200	CF049UM1050E	3,350
6,0 x 34,0 x 25,0	0,683	40	350	CF060UN1040	4,600	CF060UM1040E	4,850
6,5 x 36,0 x 27,0	0,842	25	400	CF065UN1025	5,300	CF065UM1025E	5,600
7,0 x 39,0 x 29,0	0,948	25	450	CF070UN1025	6,050	CF070UM1025E	6,400
8,0 x 45,0 x 33,0	1,169	25	600	CF080UN1025	7,650	CF080UM1025E	8,100
10,0 x 53,0 x 39,0	1,991	25	900	CF100UN1025	11,050	CF100UM1025E	11,750
12,0 x 56,0 x 50,0	3,000	25	1100	CF120UN1025	17,825	CF120UM1025E	20,250
14,0 x 62,0 x 66,0	3,800	20	1500	CF140UN1025	26,345	CF140UM1025E	27,845

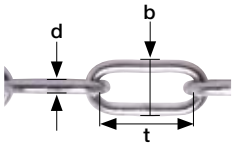
carico limite di lavoro kg *working load limit*



catena DIN 5685/A (nuova DIN 5685-2)

DIN 5685/A chain *(new DIN 5685-2)*

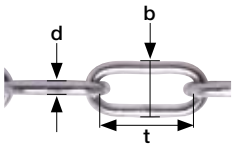
dimensioni dimensions d x t x b mm	peso weight ≃ kg/m	matassa bundle m	GARANZIA TEST FULL TRACTION		lucida bright cod.	€/m	BLUCROM cod.	€/m
3,0 x 16,0 x 11,4	0,165	30	55	carico limite di lavoro kg *working load limit*	CF030AN1030	1,420	CF030AM1030E	1,620
4,0 x 19,0 x 15,2	0,300	30	100		CF040AN1030	2,175	CF040AM1030E	2,430
5,0 x 21,0 x 19,0	0,500	30	165		CF050AN1030	2,930	CF050AM1030E	3,090
6,0 x 24,0 x 22,8	0,730	30	225		CF060AN1030	3,890	CF060AM1030E	4,105
7,0 x 28,0 x 26,6	1,000	30	300		CF070AN1030	5,310	CF070AM1030E	5,600
8,0 x 32,0 x 30,4	1,300	30	400		CF080AN1030	6,465	CF080AM1030E	6,845
10,0 x 40 ,0x 38,0	2,050	30	625		CF100AN1030	9,500	CF100AM1030E	10,420



catena DIN 5685/C (nuova DIN 5685-1)

DIN 5685/C chain *(new DIN 5685-1)*

dimensioni dimensions d x t x b mm	peso weight ≃ kg/m	matassa bundle m	GARANZIA TEST FULL TRACTION		lucida bright cod.	€/m	BLUCROM cod.	€/m
2,5 x 24,0 x 9,5	0,100	30	30	carico limite di lavoro kg *working load limit*	CF025CN1030	0,980	CF025CM1030E	1,055
3,0 x 26,0 x 11,4	0,150	30	55		CF030CN1030	1,255	CF030CM1030E	1,405
3,5 x 28,0 x 13,3	0,200	30	75		CF035CN1030	1,575	CF035CM1030E	1,755
4,0 x 32,0 x 15,2	0,270	30	100		CF040CN1030	1,740	CF040CM1030E	1,960
4,5 x 34,0 x 17,1	0,350	30	125		CF045CN1030	1,910	CF045CM1030E	2,105
5,0 x 35,0 x 19,0	0,430	30	165		CF050CN1030	2,250	CF050CM1030E	2,410
6,0 x 42,0 x 22,8	0,630	30	225		CF060CN1030	3,155	CF060CM1030E	3,345
7,0 x 49,0 x 26,6	0,860	30	300		CF070CN1030	4,150	CF070CM1030E	4,405
8,0 x 52,0 x 30,4	1,100	30	400		CF080CN1030	5,225	CF080CM1030E	5,570
10,0 x 65,0 x 38,0	1,750	30	625		CF100CN1030	8,045	CF100CM1030E	8,595
12,0 x 78,0 x 45,6	2,550	20	900		CF120CN1020	12,305	CF120CM1020E	13,240
13,0 x 82,0 x 49,4	2,950	20	1060		CF130CN1020	14,350	CF130CM1020E	15,510

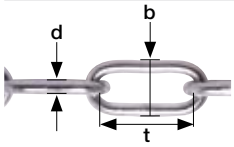


catena a maglia lunga

long link chain

dimensioni dimensions d x t x b mm	peso weight ≃ kg/m	matassa bundle m	GARANZIA TEST FULL TRACTION		lucida bright cod.	€/m
16,0 x 100,0 x 56,0	4,400	20	2000	carico limite di lavoro kg *working load limit*	CF160CN1020	21,525
20,0 x 100,0 x 75,0	7,450	20	3000		CF200CN1020	38,895

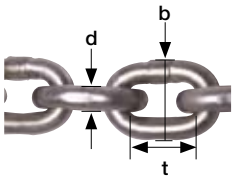
Catene per usi generali - Materiali: acciaio basso tenore carbonio - *General utility chain - Material: low carbon steel*
Attenzione: non oltrepassare il limite del Carico di Lavoro - Non usare per sollevamento - **Warning:** *do not exceed working load limit - Do not use for overhead lifting*



catena norma DIN 763
chain ref. DIN 763 norm

dimensioni dimensions d x t x b mm	peso weight ≃ kg/m	matassa bundle m	GARANZIA TEST FULL TRACTION	lucida bright cod.	€/m	BLUCROM cod.	€/m
4,0 x 32,0 x 15,2	0,270	30	150	CF0403N1030	1,950	CF0403M1030E	2,225
5,0 x 35,0 x 19,0	0,430	30	210	CF0503N1030	2,500	CF0503M1030E	2,725
6,0 x 42,0 x 22,8	0,630	30	270	CF0603N1030	3,390	CF0603M1030E	3,585
7,0 x 49,0 x 26,6	0,860	30	350	CF0703N1030	4,570	CF0703M1030E	4,850
8,0 x 52,0 x 30,4	1,100	30	460	CF0803N1030	5,710	CF0803M1030E	6,080
10,0 x 65,0 x 38,0	1,750	30	700	CF1003N1030	8,325	CF1003M1030E	8,890
13,0 x 82,0 x 49,4	2,950	15	1200	CF1303N1015	15,165	CF1303M1015E	16,315
16,0 x 100,0 x 60,8	4,450	15	2200	CF1603N1015	22,750	CF1603M1015E	24,550

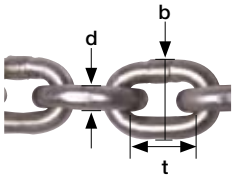
carico limite di lavoro kg *working load limit*



catena norma DIN 766 (nuova DIN 5685-3)
chain ref. DIN 766 norm (new DIN 5685-3)

dimensioni dimensions d x t x b mm	peso weight ≃ kg/m	matassa bundle m	GARANZIA TEST FULL TRACTION	lucida bright cod.	€/m	BLUCROM cod.	€/m
4,0 x 16,0 x 12,8	0,320	30	150	CF0406N1030	2,305	CF0406M1030E	2,565
5,0 x 18,5 x 16,0	0,500	30	250	CF0506N1030	3,090	CF0506M1030E	3,320
6,0 x 18,5 x 19,2	0,800	30	350	CF0606N1030	4,605	CF0606M1030E	4,835
7,0 x 22,0 x 22,4	1,100	30	450	CF0706N1030	5,375	CF0706M1030E	5,680
8,0 x 24,0 x 25,6	1,400	30	630	CF0806N1030	6,935	CF0806M1030E	7,350
10,0 x 28,0 x 32,0	2,300	30	900	CF1006N1030	10,165	CF1006M1030E	10,985
13,0 x 36,0 x 41,6	3,900	15	1600	CF1306N1015	20,780	CF1306M1015E	22,220
14,0 x 41,0 x 44,8	4,400	15	1900	CF1406N1015	31,400	CF1406M1015E	33,545

carico limite di lavoro kg *working load limit*

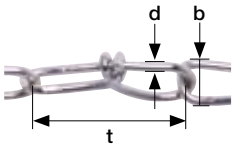


catena norma ISO 4565
chain ref. ISO 4565 norm

dimensioni dimensions d x t x b mm	peso weight ≃ kg/m	matassa bundle m	GARANZIA TEST FULL TRACTION	lucida bright cod.	€/m	BLUCROM cod.	€/m
6,0 x 18,0 x 22,0	0,700	30	450	CF060àN1030	AR	CF060àM1030	AR
8,0 x 24,0 x 26,0	1,250	30	800	CF080àN1030	AR	CF080àM1030	AR
10,0 x 30,0 x 33,5	2,000	30	1250	CF100àN1030	AR	CF100àM1030	AR
12,0 x 36,0 x 40,2	2,950	15	1650	CF120àN1015	AR	CF120àM1015	AR

carico limite di lavoro kg *working load limit*

AR: A RICHIESTA - *ON REQUIRED*

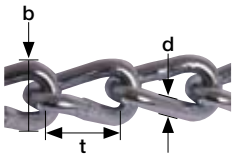


catena Vittoria norma DIN 5686

double loop chain DIN 5686 NORM

dimensioni dimensions d x t x b mm	*peso* weight ≃ kg/m	*matassa* bundle m	GARANZIA TEST FULL TRACTION	BLUCROM cod.	BLUCROM €/m
1,5 x 20,0 x 6,3	0,048	25	20	CF015VM1025E	0,955
1,6 x 23,0 x 7,2	0,054	25	25	CF016VM1025E	1,010
1,8 x 25,0 x 8,0	0,069	25	32	CF018VM1025E	1,120
2,0 x 28,0 x 9,0	0,087	25	41	CF020VM1025E	1,210
2,2 x 31,0 x 10,0	0,102	25	52	CF022VM1025E	1,345
2,4 x 35,0 x 11,0	0,120	25	60	CF024VM1025E	1,640
2,8 x 39,0 x 12,5	0,150	25	70	CF028VM1025E	1,865
3,0 x 41,0 x 14,0	0,200	25	91	CF030VM1025E	2,120

carico limite di lavoro kg *working load limit*



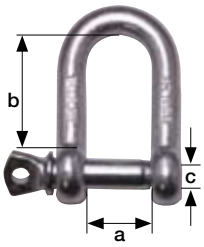
catena genovese ritorta

genovese twisted chain

numero number	*dimensioni* dimensions d x t x b mm	*peso* weight ≃ kg/m	*matassa* bundle m	GARANZIA TEST FULL TRACTION	*lucida* bright cod.	*lucida* bright €/m	BLUCROM cod.	BLUCROM €/m
18	3,4 x 20,0 x 12,8	0,250	75	75	CF034RN1075	2,185	CF034RM1075E	2,380
19	4,0 x 21,5 x 15,3	0,360	75	100	CF040RN1075	2,900	CF040RM1075E	3,150
20	4,4 x 21,8 x 16,6	0,455	50	125	CF044RN1050	3,635	CF044RM1050E	3,850
21	5,0 x 24,0 x 18,2	0,570	50	165	CF050RN1050	4,850	CF050RM1050E	5,040
22	5,5 x 25,0 x 20,0	0,685	40	185	CF055RN1040	5,500	CF055RM1040E	5,690
23	6,0 x 28,0 x 22,2	0,825	30	225	CF060RN1030	6,235	CF060RM1030E	6,460
24	6,5 x 29,5 x 24,0	0,965	25	265	CF065RN1025	7,270	CF065RM1025E	7,340
25	7,0 x 31,0 x 26,5	1,295	25	300	CF070RN1025	8,600	CF070RM1025E	8,910
26	7,5 x 31,5 x 28,0	1,440	25	350	CF075RN1025	10,070	CF075RM1025E	10,500

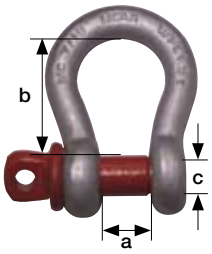
carico limite di lavoro kg *working load limit*

Catene per usi generali - Materiali: acciaio basso tenore carbonio - *General utility chain - Material: low carbon steel*
Attenzione: non oltrepassare il limite del Carico di Lavoro - Non usare per sollevamento - **Warning:** *do not exceed working load limit - Do not use for overhead lifting*



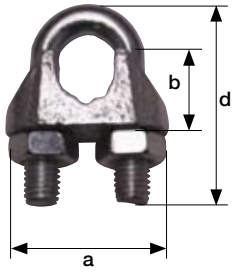
grilli zincati
zinc plated straight shackles

misure *size*		***dimensioni*** *dimensions*		**€/cad.** *€/PC*
mm	**pollici**	**a x b x c mm**	*cod.*	
5	3/16	10,0 x 21,0 x 5,0	GRIDZINCEL5	0,550
6	1/4	13,0 x 28,0 x 6,0	GRIDZINCEL6	0,630
8	5/16	16,0 x 36,0 x 8,0	GRIDZINCEL8	0,935
10	3/8	19,0 x 43,0 x 10,0	GRIDZINCEL10	1,530
12	1/2	25,0 x 57,0 x 12,0	GRIDZINCEL12	2,270
14	9/16	28,0 x 64,0 x 14,0	GRIDZINCEL14	3,865
16	5/8	32,0 x 72,0 x 16,0	GRIDZINCEL16	5,800
18	11/16	37,0 x 74,0 x 18,0	GRIDZINCEL18	7,200
20	3/4	38,0 x 86,0 x 20,0	GRIDZINCEL20	8,065



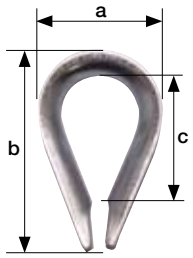
grilli a omega zincati a caldo
shackles omega type hot. dipped galv.

misure *size*		***dimensioni*** *dimensions*	GARANZIA TEST FULL TRACTION			**€/cad.** *€/PC*
mm	**pollici**	**a x b x c mm**	**kg**		*cod.*	
6	1/4	12,0 x 28,5 x 6,0	500	carico limite di lavoro kg *working load limit*	GRICZINCAL6	2,060
8	5/16	13,5 x 31,0 x 8,0	750		GRICZINCAL8	2,460
10	3/8	16,8 x 36,6 x 10,0	1000		GRICZINCAL10	3,410
11	7/16	19,1 x 42,9 x 11,0	1500		GRICZINCAL11	4,480
12	1/2	20,6 x 47,8 x 12,0	2000		GRICZINCAL12	6,610
16	5/8	26,9 x 60,5 x 16,0	3250		GRICZINCAL16	10,805
20	3/4	31,8 x 71,4 x 20,0	4750		GRICZINCAL20	16,785
22	7/8	36,6 x 84,1 x 22,0	6500		GRICZINCAL22	25,160
24	1	42,9 x 95,3 x 24,0	8500		GRICZINCAL24	36,510



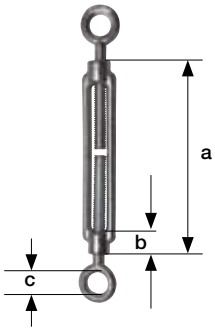
morsetti a cavallotto zincati
zinc plated wire rope clips

misure *size*		***dimensioni*** *dimensions*		**€/cad.** *€/PC*
mm	**pollici**	**a x b x c x d mm**	*cod.*	
3	1/8	21,0 x 8,0 x 4,0 x 20,0	MORZINCEL3	0,140
5	3/16	24,0 x 9,0 x 5,0 x 24,0	MORZINCEL5	0,190
6	1/4	29,0 x 9,0 x 6,0 x 34,0	MORZINCEL6	0,220
8	5/16	33,0 x 12,0 x 6,0 x 35,0	MORZINCEL8	0,340
10	3/8	37,0 x 13,0 x 8,0 x 42,0	MORZINCEL10	0,600
11	7/16	43,0 x 15,0 x 8,0 x 46,0	MORZINCEL11	0,640
12	1/2	45,0 x 16,0 x 10,0 x 56,0	MORZINCEL12	1,110
14	9/16	46,0 x 17,0 x 10,0 x 56,0	MORZINCEL14	1,150
16	5/8	54,0 x 20,0 x 10,0 x 64,0	MORZINCEL16	2,015
20	3/4	61,0 x 21,0 x 12,0 x 77,0	MORZINCEL20	2,500



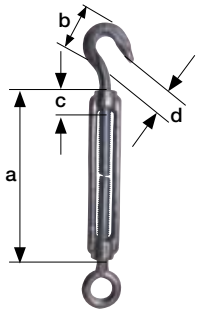
redance zincate
zinc plated thimbles

misure *size*		***dimensioni*** *dimensions*		**€/cad.** *€/PC*
mm	**pollici**	**a x b x c mm**	*cod.*	
3		9,5 x 24,0 x 14,0	REDZINCEL3	0,180
4		11,5 x 28,0 x 17,0	REDZINCEL4	0,195
5		14,0 x 36,0 x 21,0	REDZINCEL5	0,210
6		17,0 x 40,0 x 23,0	REDZINCEL6	0,270
8		19,0 x 48,0 x 30,0	REDZINCEL8	0,375
10		22,0 x 55,0 x 34,0	REDZINCEL10	0,580
12		26,0 x 65,0 x 42,0	REDZINCEL12	0,820
14		30,0 x 78,0 x 50,0	REDZINCEL14	0,985
16		36,0 x 90,0 x 60,0	REDZINCEL16	1,285



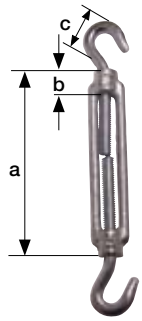
tenditori zincati a due occhi
zinc plated turnbuckles eye and eye

misure *size*		***dimensioni*** *dimensions*		**€/cad.** *€/PC*
mm	**pollici**	**a x b x c mm**	*cod.*	
5	3/16	60,0 x 9,0 x 9,0	TENOOZINCEL5	1,195
6	1/4	80,0 x 11,0 x 10,0	TENOOZINCEL6	1,345
8	5/16	109,0 x 14,0 x 12,0	TENOOZINCEL8	1,790
10	3/8	130,0 x 20,0 x 13,0	TENOOZINCEL10	3,320
12	1/2	136,0 x 23,0 x 15,0	TENOOZINCEL12	5,180
14	9/16	140,0 x 24,0 x 16,0	TENOOZINCEL14	8,180
16	5/8	170,0 x 26,0 x 18,0	TENOOZINCEL16	12,460
18	11/16	190,0 x 28,0 x 25,0	TENOOZINCEL18	17,580
20	3/4	220,0 x 33,0 x 27,0	TENOOZINCEL20	21,530



tenditori zincati ad occhio e gancio
zinc plated turnbuckles eye and hook

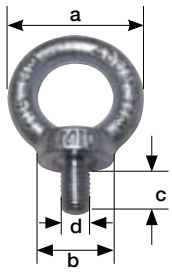
misure *size*		***dimensioni*** *dimensions*		**€/cad.** *€/PC*
mm	**pollici**	**a x b x c mm**	*cod.*	
5	3/16	60,0 x 18,0 x 9,0 x 5,0	TENOGZINCEL5	1,195
6	1/4	80,0 x 22,0 x 11,0 x 7,0	TENOGZINCEL6	1,345
8	5/16	109,0 x 30,0 x 14,0 x 9,0	TENOGZINCEL8	1,790
10	3/8	130,0 x 36,0 x 20,0 x 12,0	TENOGZINCEL10	3,320
12	1/2	136,0 x 42,0 x 23,0 x 13,0	TENOGZINCEL12	5,180
14	9/16	140,0 x 48,0 x 24,0 x 15,0	TENOGZINCEL14	8,180
16	5/8	170,0 x 53,0 x 26,0 x 15,0	TENOGZINCEL16	12,460
18	11/16	190,0 x 58,0 x 28,0 x 16,0	TENOGZINCEL18	17,580
20	3/4	220,0 x 82,0 x 33,0 x 23,0	TENOGZINCEL20	21,530



tenditori zincati a due ganci
zinc plated turnbuckles hook and hook

misure *size*		***dimensioni*** *dimensions*		**€/cad.** *€/PC*
mm	**pollici**	**a x b x c mm**	*cod.*	
5	3/16	60,0 x 18,0 x 9,0	TENGGZINCEL5	1,195
6	1/4	80,0 x 22,0 x 11,0	TENGGZINCEL6	1,345
8	5/16	109,0 x 30,0 x 14,0	TENGGZINCEL8	1,790
10	3/8	130,0 x 36,0 x 20,0	TENGGZINCEL10	3,320
12	1/2	136,0 x 42,0 x 23,0	TENGGZINCEL12	5,180
14	9/16	140,0 x 48,0 x 24,0	TENGGZINCEL14	8,180
16	5/8	170,0 x 53,0 x 26,0	TENGGZINCEL16	12,460
18	11/16	190,0 x 58,0 x 28,0	TENGGZINCEL18	17,580
20	3/4	220,0 x 82,0 x 33,0	TENGGZINCEL20	21,530

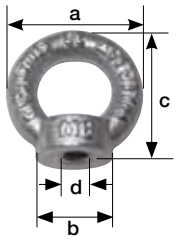
N.B. dimensioni indicative - ***N.B.*** *indicative dimensions*



golfari maschi zincati

zinc. plated eye bolts

misure *size*		***dimensioni*** *dimensions*		**€/cad.** *€/PC*
mm	**pollici**	**a x b x c x d mm**	*cod.*	
6		28,0 x 15,0 x 10,0 x 6,0	GOLMASZIN6	1,210
8		36,0 x 20,0 x 15,0 x 8,0	GOLMASZIN8	1,215
10		45,0 x 25,0 x 18,0 x 10,0	GOLMASZIN10	1,800
12		54,0 x 30,0 x 22,0 x 12,0	GOLMASZIN12	2,810
14		54,0 x 30,0 x 22,0 x 14,0	GOLMASZIN14	2,860
16		63,0 x 35,0 x 26,0 x 16,0	GOLMASZIN16	4,115
18		70,0 x 38,0 x 28,0 x 16,0	GOLMASZIN18	4,140
20		76,0 x 42,0 x 30,0 x 20,0	GOLMASZIN20	6,305



golfari femmina zincati

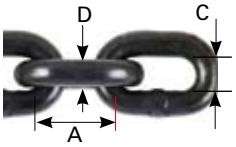
zinc. plated eye nuts

misure *size*		***dimensioni*** *dimensions*		**€/cad.** *€/PC*
mm	**pollici**	**a x b x c x d mm**	*cod.*	
6		36,0 x 20,0 x 36,0 x 6,0	GOLFEMZIN6	1,210
8		36,0 x 20,0 x 36,0 x 8,0	GOLFEMZIN8	1,215
10		45,0 x 25,0 x 45,0 x 10,0	GOLFEMZIN10	1,800
12		54,0 x 30,0 x 53,0 x 12,0	GOLFEMZIN12	2,810
14		54,0 x 35,0 x 53,0 x 14,0	GOLFEMZIN14	2,860
16		63,0 x 35,0 x 62,0 x 16,0	GOLFEMZIN16	4,115
18		76,0 x 40,0 x 75,0 x 18,0	GOLFEMZIN18	4,140
20		76,0 x 40,0 x 75,0 x 18,0	GOLFEMZIN20	6,305

TUTTI I COMPONENTI SONO PRODOTTI IN ITALIA O DI PROVENIENZA CE

ALL COMPONENTS ARE MADE IN ITALY OR MADE C.E.

TecnØTESTED

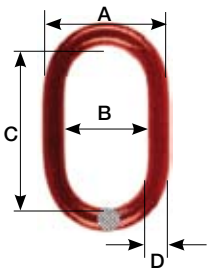


catena grado 80 Verniciata nera *G80 / Chain Black color*

Caratteristiche secondo EN 818-2 / Caracteristics according to EN 818-2

Fattore di sicurezza 4:1 / Safety factor 4:1

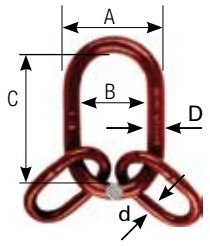
dimensioni *size*			peso *weight*	carico di prova *proof load*	carico di rottura *breaking load*	TecnØ TESTED		matassa *bundle*		
D mm	A mm	C mm	Kg/cad. *Kg/PC*	KN	KN			*cod.*	m	€/m
6,0	18,0	8,5	0,800	28,300	45,200	1120	carico limite di lavoro kg *working load limit*	CZ060NN1100	100	16,500
7,0	21,0	10,0	1,100	38,500	61,600	1500		CZ070NN1100	100	21,300
8,0	24,0	10,4	1,400	50,300	80,400	2000		CZ080NN1100	100	22,650
10,0	30,0	13,0	2,200	78,500	126,000	3200		CZ0100NN1100	100	35,800
13,0	39,0	16,9	3,800	133,000	212,000	5400		CZ0130NN1050	50	66,450
16,0	48,0	21,5	5,700	201,000	322,000	8000		CZ0160NN1050	50	105,100



Anellone ovale DIN 5686-3 / *master link DIN 5686-3*

Fattore di sicurezza 4:1 / Safety factor 4:1

				Kg/cad. *Kg/PC*	1 braccio *1 legs*	2 bracci *2 legs*	TecnØ TESTED			pz/ scatola *pcs/box*	€/cad. *€/PC*
D mm	A mm	B mm	C mm		Ø mm	Ø mm			*cod.*		
13,0	86,0	60,0	110,0	0,34	6,0-7,0	6,0	2000	carico limite di lavoro kg *working load limit*	BELLVERN13	50	9,050
16,0	92,0	60,0	110,0	0,53	8,0	7,0	3200		BELLVERN16	36	15,615
18,0	111,0	75,0	135,0	0,80	10,0	8,0	4000		BELLVERN18	22	20,480
22,0	134,0	90,0	160,0	1,50	13,0	10,0	6400		BELLVERN22	10	36,190
26,0	152,0	100,0	180,0	2,30	16,0	13,0	10000		BELLVERN26	6	50,195

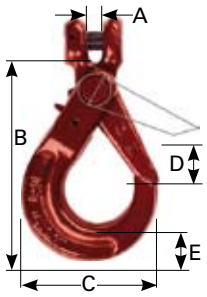


Anellone assembly DIN 5688-3 / *master link assembly DIN 5686-3*

Fattore di sicurezza 4:1 / Safety factor 4:1

					3-4 bracci *3-4 legs*	TecnØ TESTED			pz/ scatola *pcs/box*	€/cad. *€/PC*
D - d mm	A mm	B mm	C mm	Kg/cad. *Kg/PC*	Ø mm			*cod.*		
18-13	111,0	75,0	135,0	1,16	6,0-7,0	6400	carico limite di lavoro kg *working load limit*	BELLVERN18AS	10	41,285
22-16	134,0	90,0	160,0	2,22	8,0	8000		BELLVERN22AS	5	64,865
26-18	152,0	100,0	180,0	3,36	10,0	12800		BELLVERN26AS	4	88,485
32-22	174,0	110,0	200,0	6,02	13,0	20000		BELLVERN32AS	3	160,085

Attenzione: non oltrepassare il limite del Carico di Lavoro
Warning: *do not exceed working load limit*

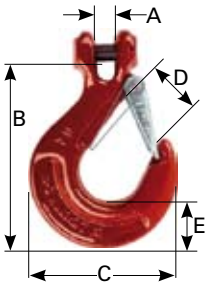


Gancio self locking clevis - grado 80

G80 clevis self locking hook

Fattore di sicurezza 4:1 / Safety factor 4:1

misura catene mm *chain size mm*	A mm	B mm	C mm	D mm	E mm	Kg/cad. *Kg/PC*	TecnØ TESTED		cod.	pz/scatola *pcs/box*	€/cad. *€/PC*
7-8	9,0	143,0	86,0	38,0	21,0	0,870	2000	carico limite di lavoro kg *working load limit*	GANLOCCLEV8	20	42,885
10	12,0	174,0	110,0	47,0	25,0	1,710	3200		GANLOCCLEV10	10	72,215
13	15,0	229,0	137,0	67,0	32,0	3,150	5400		GANLOCCLEV13	6	137,200
16											263,040

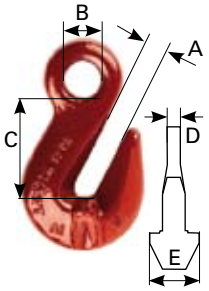


Gancio sling clevis con sicurezza - grado 80

G80 clevis sling hook with latch

Fattore di sicurezza 4:1 / Safety factor 4:1

misura catene mm *chain size mm*	A mm	B mm	C mm	D mm	E mm	Kg/cad. *Kg/PC*	TecnØ TESTED		cod.	pz/scatola *pcs/box* m	€/cad. *€/PC*
7-8	9,5	120,0	96,0	30,0	26,5	0,630	2000	carico limite di lavoro kg *working load limit*	GANCLEVSIC8	20	21,555
10	11,5	144,0	117,0	37,0	32,5	1,250	3200		GANCLEVSIC10	10	30,750
13	15,0	181,0	151,0	50,0	42,0	2,100	5400		GANCLEVSIC13	8	57,730
16											108,770

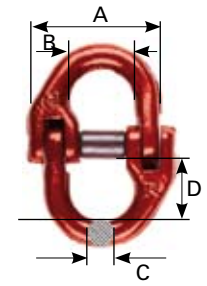


Gancio accorciatore ad occhiolo - grado 80

G80 eye grag shortening hook

Fattore di sicurezza 4:1 / Safety factor 4:1

misura catene mm *chain size mm*	A mm	B mm	C mm	D mm	E mm	Kg/cad. *Kg/PC*	TecnØ TESTED		cod.	pz/scatola *pcs/box*	€/cad. *€/PC*
7-8	10,5	17,0	47,0	10,5	28,0	0,270	2000	carico limite di lavoro kg *working load limit*	GANACCOCC8	50	9,575
10	13,5	23,0	60,0	15,0	43,0	0,730	3200		GANACCOCC10	25	18,675
13	15,5	26,5	71,0	17,5	56,0	1,230	5400		GANACCOCC13	15	36,035



Maglia di connessione - grado 80

G80 connecting link

Fattore di sicurezza 4:1 / Safety factor 4:1

misura catene mm *chain size mm*	A mm	B mm	C mm	D mm	Kg/cad. *Kg/PC*	TecnØ TESTED		cod.	pz/scatola *pcs/box*	€/cad. *€/PC*
6	42,0	13,5	7,0	17,0	0,110	1120	carico limite di lavoro kg *working load limit*	MAGCONVERN6	50	16,535
7-8	53,0	17,6	9,0	20,0	0,200	2000		MAGCONVERN8	50	17,770
10	67,0	25,0	11,0	24,0	0,300	3200		MAGCONVERN10	50	19,595
13	83,0	30,0	15,0	30,0	0,700	5400		MAGCONVERN13	30	29,250

TecnØTESTED

pendenti di catena

chain sling

Lunghezza dei bracci 1m / *legs 1m*

Carico limite di lavoro secondo norma EN 818-4 / Working load limit according EN 818-4

diametro *diameter*	***Bracci*** *legs*	TecnØ TESTED				**€/cad.** *€/PC*
mm	**N°**	**0-45°**		**45°-60°**	*cod.*	
7	1	1500	carico limite di lavoro kg *working load limit*	1500	BRACA711	184,40
7	2	2120		1500	BRACA721	276,60
7	4	3180		2250	BRACA741	521,55
8	1	2000		2000	BRACA811	204,05
8	2	2830		2000	BRACA821	317,50
8	4	4240		3000	BRACA841	585,90
10	1	3150		3150	BRACA1011	262,40
10	2	4450		3150	BRACA1021	430,45
10	4	6680		4720	BRACA1041	799,75
13	1	5300		5300	BRACA1311	343,70
13	2	7490		5300	BRACA1321	581,00
13	4	11240		7950	BRACA1341	1.153,85

pendenti di catena

chain sling

Lunghezza dei bracci 2m / *legs 2m*

Carico limite di lavoro secondo norma EN 818-4 / Working load limit according EN 818-4

diametro *diameter*	***Bracci*** *legs*	TecnØ TESTED				**€/cad.** *€/PC*
mm	**N°**	**0-45°**		**45°-60°**	*cod.*	
7	1	1500	carico limite di lavoro kg *working load limit*	1500	BRACA712	210,60
7	2	2120		1500	BRACA722	328,95
7	4	3180		2250	BRACA742	626,30
8	1	2000		2000	BRACA812	253,15
8	2	2830		2000	BRACA822	379,70
8	4	4240		3000	BRACA842	710,30
10	1	3150		3150	BRACA1012	308,25
10	2	4450		3150	BRACA1022	522,10
10	4	6680		4720	BRACA1042	982,80
13	1	5300		5300	BRACA1312	417,35
13	2	7490		5300	BRACA1322	728,30
13	4	11240		7950	BRACA1342	1.448,40

Attenzione: non oltrepassare il limite del Carico di Lavoro
Warning: *do not exceed working load limit*

pendenti di catena

chain sling

Lunghezza dei bracci 3m / *legs 3m*

Carico limite di lavoro secondo norma En 818-4 / Working load limit according EN 818-4

diametro *diameter*	***Bracci*** *legs*					**€/cad.** *€/PC*
mm	**N°**	**0-45°**		**45°-60°**	*cod.*	
7	1	1500	carico limite di lavoro kg *working load limit*	1500	BRACA713	236,70
7	2	2120		1500	BRACA723	381,30
7	4	3180		2250	BRACA743	731,00
8	1	2000		2000	BRACA813	266,20
8	2	2830		2000	BRACA823	441,90
8	4	4240		3000	BRACA843	823,70
10	1	3150		3150	BRACA1013	354,00
10	2	4450		3150	BRACA1023	613,75
10	4	6680		4720	BRACA1043	1.166,00
13	1	5300		5300	BRACA1313	490,00
13	2	7490		5300	BRACA1323	875,60
13	4	11240		7950	BRACA1343	1.743,00

pendenti di catena

chain sling

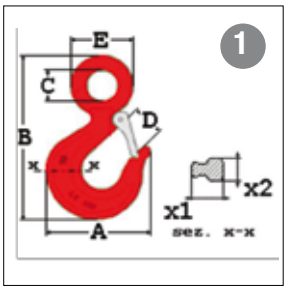
Lunghezza dei bracci 4m / *legs 4m*

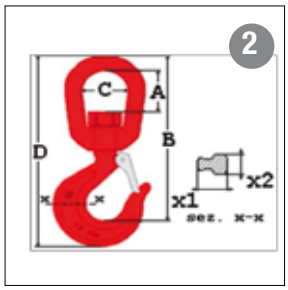
Carico limite di lavoro secondo norma En 818-4 / Working load limit according EN 818-4

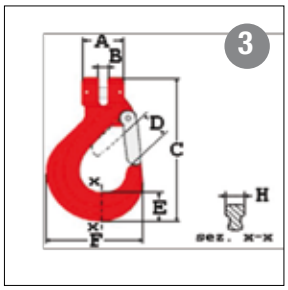
diametro *diameter*	***Bracci*** *legs*					**€/cad.** *€/PC*
mm	**N°**	**0-45°**		**45°-60°**	*cod.*	
7	1	1500	carico limite di lavoro kg *working load limit*	1500	BRACA714	262,90
7	2	2120		1500	BRACA724	433,70
7	4	3180		2250	BRACA744	835,70
8	1	2000		2000	BRACA814	297,30
8	2	2830		2000	BRACA824	504,10
8	4	4240		3000	BRACA844	948,10
10	1	3150		3150	BRACA1014	399,88
10	2	4450		3150	BRACA1024	705,38
10	4	6680		4720	BRACA1043	1.349,30
13	1	5300		5300	BRACA1314	564,60
13	2	7490		5300	BRACA1324	1.022,90
13	4	11240		7950	BRACA1344	2.037,60

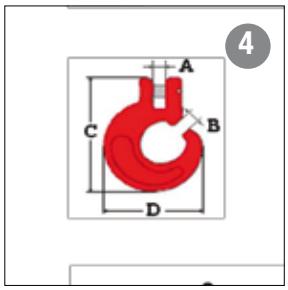
ACCESSORI DISPONIBILI SU RICHIESTA
FITTING AVAILABLE ON REQUEST

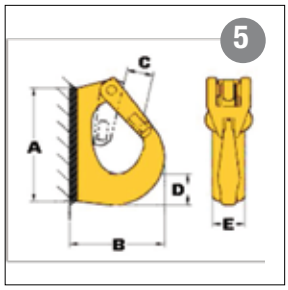
Ganci *hooks*

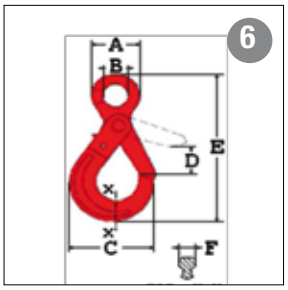


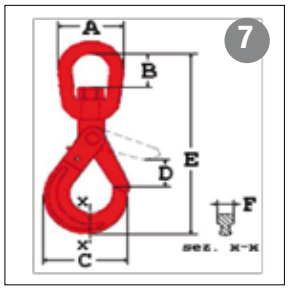


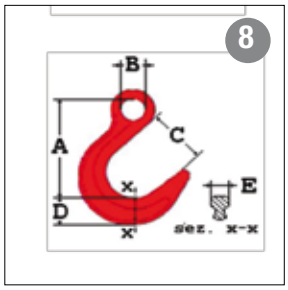




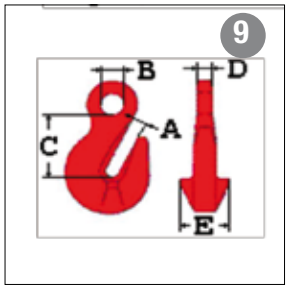


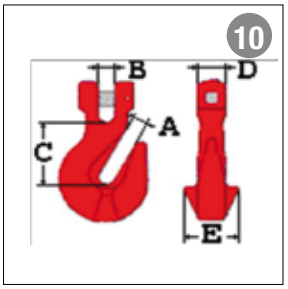


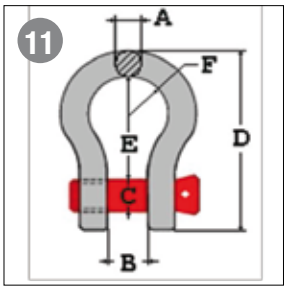


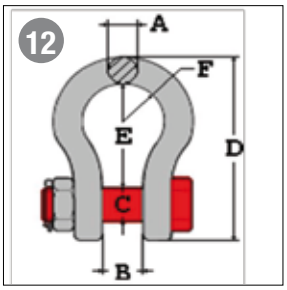


Grilli *straight shackles*

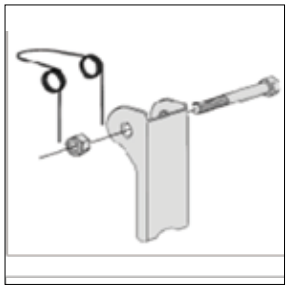


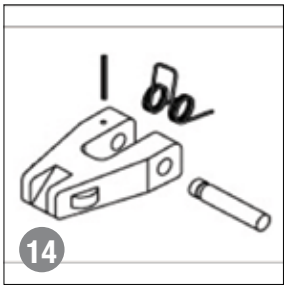


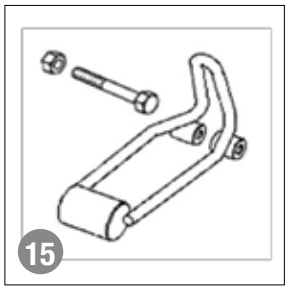


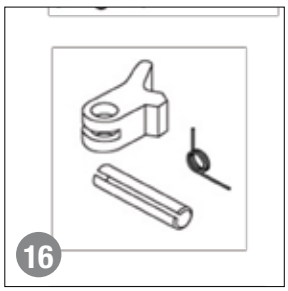


Sicurezze per ganci *safety for hooks*

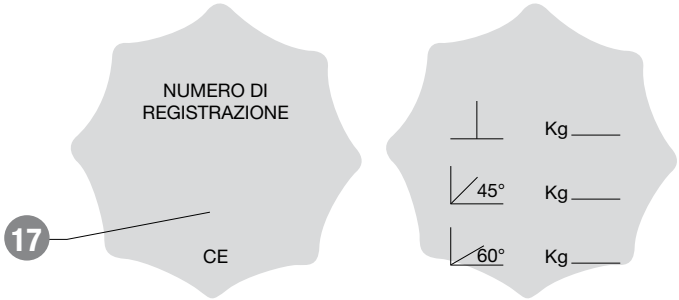


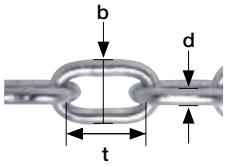






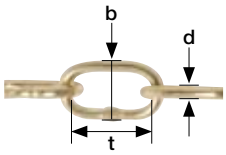
Medaglia ottagonale per imbracature *sling medal*



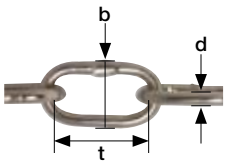


catena genovese
genoese chain

numero *number*	**dimensioni** *dimensions* **d x t x b mm**	GARANZIA TEST FULL TRACTION		**scatola** *box*	*cod.* BLUCROM	**€/scatola** *€/box*	**m/scatola** *m/box*	**€/m**
10	1,5 x 12,8 x 6,8	8	carico limite di lavoro kg *working load limit*	SC2	CF015GA1100E00X	85,500	100	0,855
12	1,6 x 13,0 x 7,2	15		SC2	CF016GA1100E00X	88,500	100	0,885
13	2,0 x 13,8 x 9,0	20		SC2	CF020GA1075E00X	71,250	75	0,950
14	2,2 x 15,6 x 10,2	25		SC2	CF022GA1075E00X	75,375	75	1,005
15	2,4 x 16,0 x 10,8	30		SC2	CF024GA1075E00X	85,875	75	1,145
16	2,7 x 17,5 x 12,2	40		SC2	CF027GA1075E00X	97,875	75	1,305
17	3,0 x 19,0 x 13,0	55		SC2	CF030GA1075E00X	106,875	75	1,425
18	3,4 x 20,0 x 12,8	100		SC2	CF034GA1075E00X	131,625	75	1,755
19	4,0 x 21,5 x 15,3	110		SC2	CF040GA1075E00X	149,625	75	1,995
20	4,4 x 21,8 x 16,6	200		SC2	CF044GA1050E00X	120,000	50	2,400
21	5,0 x 24,0 x 18,2	250		SC2	CF050GA1050E00X	137,750	50	2,755
22	5,5 x 25,0 x 20,0	300		SC2	CF055GA1040E00X	131,600	40	3,290
23	6,0 x 28,0 x 22,2	310		SC2	CF060GA1030E00X	113,100	30	3,770
24	6,5 x 29,5 x 24,0	400		SC2	CF065GA1025E00X	112,000	25	4,480
25	7,0 x 31,0 x 26,5	450		SC2	CF070GA1025E00X	129,000	25	5,160
26	7,5 x 31,5 x 28,0	550		SC2	CF075GA1020E00X	118,100	20	5,905
27	8,0 x 35,0 x 29,8	600		SC2	CF080GA1015E00X	96,675	15	6,445
28	9,0 x 37,0 x 34,0	800		SC2	CF090GA1015E00X	123,000	15	8,200
30	10,0 x 40,0 x 37,0	1000		SC2	CF100GA1010E00X	103,000	10	10,300
32	12,0 x 47,5 x 44,5	1400		SC2	CF120GA1008E00X	119,480	8	14,935

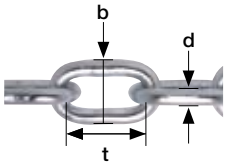


numero *number*	**dimensioni** *dimensions* **d x t x b mm**	GARANZIA TEST FULL TRACTION		**scatola** *box*	*cod.* ***ottonata*** *brass plated*	**€/scatola** *€/box*	**m/scatola** *m/box*	**€/m**
8	1,3 x 10,0 x 5,6	6	carico limite di lavoro kg *working load limit*	SC1	CF013GN1025A00X	27,500	25	1,100
10	1,5 x 12,8 x 6,8	8		SC1	CF015GN1025A00X	23,625	25	0,945
12	1,6 x 13,0 x 7,2	15		SC1	CF016GN1025A00X	24,875	25	0,995
13	2,0 x 13,8 x 9,0	20		SC1	CF020GN1025A00X	27,375	25	1,095
14	2,2 x 15,6 x 10,2	25		SC1	CF022GN1025A00X	36,625	25	1,465
15	2,4 x 16,0 x 10,8	30		SC1	CF024GN1025A00X	40,000	25	1,600
16	2,7 x 17,5 x 12,2	40		SC1	CF027GN1025A00X	52,000	25	2,080
17	3,0 x 19,0 x 13,0	55		SC1	CF030GN1025A00X	52,500	25	2,100



numero *number*	**dimensioni** *dimensions* **d x t x b mm**	GARANZIA TEST FULL TRACTION		**scatola** *box*	*cod.* ***nichelata*** *nickel plated*	**€/scatola** *€/box*	**m/scatola** *m/box*	**€/m**
8	1,3 x 10,0 x 5,6	6	carico limite di lavoro kg *working load limit*	SC1	CF013GN1025N00X	27,500	25	1,100
10	1,5 x 12,8 x 6,8	8		SC1	CF015GN1025N00X	23,625	25	0,945
12	1,6 x 13,0 x 7,2	15		SC1	CF016GN1025N00X	24,875	25	0,995
13	2,0 x 13,8 x 9,0	20		SC1	CF020GN1025N00X	27,375	25	1,095
14	2,2 x 15,6 x 10,2	25		SC1	CF022GN1025N00X	36,625	25	1,465
15	2,4 x 16,0 x 10,8	30		SC1	CF024GN1025N00X	40,000	25	1,600
16	2,7 x 17,5 x 12,2	37		SC1	CF027GN1025N00X	52,000	25	2,080
17	3,0 x 19,0 x 13,0	55		SC1	CF030GN1025N00X	52,500	25	2,100

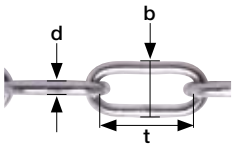
Tolleranze come da tabelle DIN 5685-2 - *Tollerances as DIN 5685-2 norms*



catena genovese
genovese chain

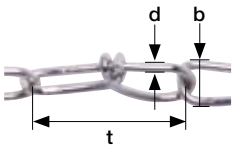
numero *number*	dimensioni *dimensions* d x t x b mm	GARANZIA TEST FULL TRACTION		bobina *reel*	bobina/ scat. *reel/box*	cod. BLUCROM	€/bobina *€/reel*	m/bobina *m/reel*	€/ m
10	1,5 x 12,8 x 6,8	8	carico limite di lavoro kg *working load limit*	A15	2	CF015GA1150E00B	132,000	150	0,880
12	1,6 x 13,0 x 7,2	15		A15	2	CF016GA1150E00B	137,250	150	0,915
13	2,0 x 13,8 x 9,0	20		A15	2	CF020GA1100E00B	101,500	100	1,015
14	2,2 x 15,6 x 10,2	25		A15	2	CF022GA1075E00B	83,625	75	1,115
15	2,4 x 16,0 x 10,8	30		A15	2	CF024GA1075E00B	94,875	75	1,265
16	2,7 x 17,5 x 12,2	40		A30	1	CF027GA1075E00B	109,875	75	1,465
17	3,0 x 19,0 x 13,0	55		A30	1	CF030GA1075E00B	116,250	75	1,550
18	3,4 x 20,0 x 12,8	100		A30	1	CF034GA1075E00B	141,750	75	1,890
19	4,0 x 21,5 x 15,3	110		A30	1	CF040GA1075E00B	160,125	75	2,135
20	4,4 x 21,8 x 16,6	200		A30	1	CF044GA1050E00B	125,750	50	2,515
21	5,0 x 24,0 x 18,2	250		A30	1	CF050GA1050E00B	150,250	50	3,005
22	5,5 x 25,0 x 20,0	300		A30	1	CF055GA1040E00B	143,000	40	3,575
23	6,0 x 28,0 x 22,2	310		A30	1	CF060GA1030E00B	124,200	30	4,140
24	6,5 x 29,5 x 24,0	400		A30	1	CF065GA1025E00B	121,750	25	4,870
25	7,0 x 31,0 x 26,5	450		A30	1	CF070GA1025E00B	140,750	25	5,630
26	7,5 x 31,5 x 28,0	550		A30	1	CF075GA1020E00B	124,800	20	6,240
27	8,0 x 35,0 x 29,8	600		A30	1	CF080GA1015E00B	106,725	15	7,115
28	9,0 x 37,0 x 34,0	800		A30	1	CF090GA1015E00B	133,800	15	8,920
30	10,0 x 40,0 x 37,0	1000		A30	1	CF100GA1010E00B	110,150	10	11,015
32	12,0 x 47,5 x 44,5	1400		A30	1	CF120GA1008E00B	126,680	8	15,835

Tolleranze come da tabelle DIN 5685-2 - *Tollerances as DIN 5685-2 norms*



catena a norma DIN 5685/C (nuova DIN 5685-1)
chain ref. DIN 5685/C *(new DIN 5685-1)*

dimensioni *dimensions* d x t x b mm	GARANZIA TEST FULL TRACTION		bobina *reel*	bobina/ scat. *reel/box*	cod. BLUCROM	€/bobina *€/reel*	m/bobina *m/reel*	€/ m
3,0 x 26,0 x 11,4	65	carico limite di lavoro kg *working load limit*	A30	1	CF030CA1060E00B	85,500	60	1,425
4,0 x 32,0 x 15,2	100		A30	1	CF040CA1060E00B	128,100	60	2,135
5,0 x 35,0 x 19,0	165		A30	1	CF050CA1030E00B	83,250	30	2,775
6,0 x 42,0 x 22,8	225		A30	1	CF060CA1025E00B	93,500	25	3,740
7,0 x 49,0 x 26,6	300		A30	1	CF070CA1015E00B	76,575	15	5,105
8,0 x 52,0 x 30,4	400		A30	1	CF080CA1010E00B	66,250	10	6,625

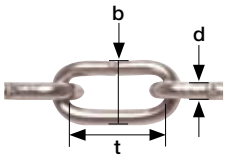


catena vittoria norma DIN 5686
double loop chain DIN 5686 norm

dimensioni *dimensions* d x t x b mm	GARANZIA TEST FULL TRACTION		bobina *reel*	bobina/ scat. *reel/box*	cod. BLUCROM	€/bobina *€/reel*	m/bobina *m/reel*	€/ m
1,5 x 20,0 x 6,3	20	carico limite di lavoro kg *working load limit*	A15	2	CF015VA1100E00B	93,500	100	0,935
1,6 x 23,0 x 7,2	25		A15	2	CF016VA1100E00B	95,500	100	0,955
1,8 x 25,0 x 8,0	32		A15	2	CF018VA1100E00B	99,500	100	0,995
2,0 x 28,0 x 9,0	41		A09	3	CF020VA1060E00B	73,200	60	1,220
2,2 x 31,0 x 10,0	52		A09	3	CF022VA1040E00B	54,800	40	1,370
2,4 x 35,0 x 11,0	60		A09	3	CF024VA1020E00B	33,300	20	1,665
2,8 x 39,0 x 12,5	70		A09	3	CF028VA1020E00B	39,300	20	1,965
3,0 x 41,0 x 14,0	91		A09	3	CF030VA1020E00B	46,100	20	2,305

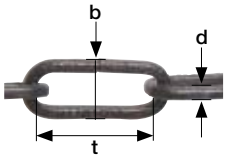
Catene per usi generali - Materiali: acciaio basso tenore carbonio - *General utility chain - Material: low carbon steel*
Attenzione: non oltrepassare il limite del Carico di Lavoro - Non usare per sollevamento - **Warning:** *do not exceed working load limit - Do not use for overhead lifting*

AREF



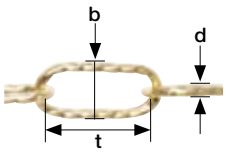
catene a maglia tonda
round link chain

dimensioni *dimensions*	GARANZIA TEST FULL TRACTION		***bobina*** *reel*	***bobina/ scat.*** *reel/box*	*cod.*	**€/bobina** *€/reel*	**m/bobina** *m/reel*	**€/ m**
d x t x b mm					***ottonata****/brass plated*			
2,2 x 16,0 x 10,4	10	carico limite di lavoro kg *working load limit*	SP1	1	CF022TN1020A00B	35,400	20	1,770
2,8 x 34,0 x 15,6	10		A09	3	CF028TN1020A00B	42,600	20	2,130
3,8 x 40,0 x 19,6	20		A09	3	CF038TN1015A00B	51,675	15	3,445
d x t x b mm					***nichelata/*** *nichel plated*			
2,2 x 16,0 x 10,4	10		SP1	1	CF022TN1020N00B	35,400	20	1,770
2,8 x 34,0 x 15,6	10		A09	3	CF028TN1020N00B	42,600	20	2,130
3,8 x 40,0 x 19,6	20		A09	3	CF038TN1015N00B	51,675	15	3,445
d x t x b mm					***bronzata****/bronze plated*			
2,2 x 16,0 x 10,4	10		SP1	1	CF022TN1020Z00B	35,400	20	1,770
2,8 x 34,0 x 15,6	10		A09	3	CF028TN1020Z00B	42,600	20	2,130
3,8 x 40,0 x 19,6	20		A09	3	CF038TN1015Z00B	51,675	15	3,445



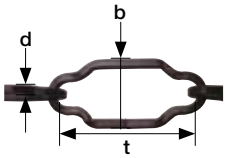
catena a maglia quadra rullata
square link chain

dimensioni *dimensions*	GARANZIA TEST FULL TRACTION		***bobina*** *reel*	***bobina/ scat.*** *reel/box*	*cod.*	**€/bobina** *€/reel*	**m/bobina** *m/reel*	**€/ m**
d x t x b mm					***ottonata****/brass plated*			
2,2 x 17,0 x 10,4	15	carico limite di lavoro kg *working load limit*	A09	3	CF022LN1030A00B	56,400	30	1,880
2,7 x 28,0 x 14,4	20		A09	3	CF027LN1020A00B	57,800	20	2,890
3,8 x 28,0 x 16,6	50		A09	3	CF038LN1020A00B	87,400	20	4,370
5,0 x 30,0 x 20,0	80		A09	3	CF050LN1010A00B	66,700	10	6,670
d x t x b mm					***brunita****/burnished*			
2,2 x 17,0 x 10,4	15		A09	3	CF022LN1030B00B	56,400	30	1,880
2,7 x 28,0 x 14,4	20		A09	3	CF027LN1020B00B	57,800	20	2,890
3,8 x 28,0 x 16,6	50		A09	3	CF038LN1025B00B	87,400	20	4,370
5,0 x 30,0 x 20,0	80		A09	3	CF050LN1010B00B	66,700	10	6,670
d x t x b mm					***bronzata****/bronze plated*			
2,2 x 17,0 x 10,4	15		A09	3	CF022LN1030Z00B	56,400	30	1,880
2,7 x 28,0 x 14,4	20		A09	3	CF027LN1020Z00B	57,800	20	2,890
3,8 x 28,0 x 16,6	50		A09	3	CF038LN1025Z00B	87,400	20	4,370
5,0 x 30,0 x 20,0	80		A09	3	CF050LN1010Z00B	66,700	10	6,670



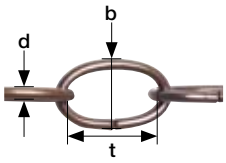
catena a maglia quadra ritorta
twisted square link chain

dimensioni *dimensions*	GARANZIA TEST FULL TRACTION		***bobina*** *reel*	***bobina/ scat.*** *reel/box*	*cod.*	**€/bobina** *€/reel*	**m/bobina** *m/reel*	**€/ m**
d x t x b mm					***ottonata****/brass plated*			
2,5 x 25,0 x 8,0	30	carico limite di lavoro kg *working load limit*	A09	3	CF035ON1030A00B	60,450	30	2,015
3,5 x 40,0 x 19,0	20		A09	3	CF035ON1020A00B	58,600	20	2,930
d x t x b mm					***brunita****/burnished*			
2,5 x 25,0 x 8,0	30		A09	3	CF035ON1030B00B	60,450	30	2,015
3,5 x 40,0 x 19,0	20		A09	3	CF035ON1020B00B	49,500	20	2,930
d x t x b mm					***bronzata****/bronze plated*			
2,5 x 25,0 x 8,0	30		A09	3	CF035ON1030Z00B	60,450	30	2,015
3,5 x 40,0 x 19,0	20		A09	3	CF035ON1020Z00B	49,500	20	2,930



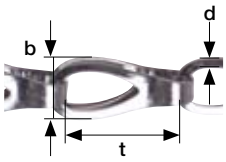
catena a maglia cattedrale
cathedral link chain

dimensioni *dimensions*	GARANZIA TEST FULL TRACTION		bobina *reel*	bobina/ scat. *reel/box*	cod.	€/bobina *€/reel*	m/bobina *m/reel*	€/ m
d x t x b mm					***ottonata**/brass plated*			
2,2 x 25,0 x 14,4	10	carico limite di lavoro kg *working load limit*	A09	3	CF022DN1030A00B	55,050	30	1,835
2,7 x 40,0 x 19,4	10		A09	3	CF027DN1020A00B	42,400	20	2,120
d x t x b mm					***brunita**/burnished*			
2,2 x 25,0 x 14,4	10		A09	3	CF022DN1030B00B	55,050	30	1,835
2,7 x 40,0 x 19,4	10		A09	3	CF027DN1020B00B	42,400	20	2,120
d x t x b mm					***bronzata**/bronze plated*			
2,2 x 25,0 x 14,4	10		A09	3	CF022DN1030Z00B	55,050	30	1,835
2,7 x 40,0 x 19,4	10		A09	3	CF027DN1020Z00B	42,400	20	2,120



catena a maglia ovale
oval link chain

dimensioni *dimensions*	GARANZIA TEST FULL TRACTION		bobina *reel*	bobina/ scat. *reel/box*	cod.	€/bobina *€/reel*	m/bobina *m/reel*	€/ m
d x t x b mm					***ottonata**/brass plated*			
2,2 x 16,0 x 8,0	10	carico limite di lavoro kg *working load limit*	A09	3	CF0229N1015A00B	52,655	30	1,755
2,8 x 18,0 x 10,0	25		A09	3	CF0279N1020A00B	67,500	30	2,250
d x t x b mm					***brunita**/burnished*			
2,2 x 16,0 x 8,0	10		A09	3	CF0229N1015B00B	52,655	30	1,755
2,8 x 18,0 x 10,0	25		A09	3	CF0279N1020B00B	67,500	30	2,250
d x t x b mm					***bronzata**/bronze plated*			
2,2 x 16,0 x 8,0	10		A09	3	CF0229N1015Z00B	52,655	30	1,755
2,8 x 18,0 x 10,0	25		A09	3	CF0279N1020Z00B	67,500	30	2,250

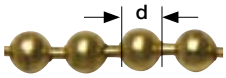


catena piatta tranciata
blanked brass chain

dimensioni *dimensions*	bobina *reel*	bobina/ scat. *reel/box*	cod.	€/bobina *€/reel*	m/bobina *m/reel*	€/ m
d x t x c mm			***ottonata**/brass plated*			
0,35 x 12,5 x 5,0	SP2	1	CO004PA1025000B	68,500	25	2,740
d x t x c mm			***ottone cromato**/crome plated*			
0,35 x 12,5 x 5,0	SP2	1	CC004PA1025000B	84,375	25	3,375

triangolo terminale AISI 304
AISI 304 blanked chain fittings

dimensioni *dimensions*	cod.	€/cad. *€/PC*
Ø mm		
2,0 x 13,0	TRIINOX213	0,095



catena pallini
balls chain

dimensioni *dimensions*	bobina *reel*	bobina/ scat. *reel/box*	cod.	€/bobina *€/reel*	m/bobina *m/reel*	€/ m
d Ø mm			***ottonata**/brass plated*			
3,2	SP2	1	CO032HA1025000B	53,875	25	2,155
3,6	SP2	1	CO036HA1025000B	68,375	25	2,735
			***ottone cromato**/crome plated*			
3,2	SP2	1	CC032HA1025000B	62,250	25	2,490
3,6	SP2	1	CC036HA1025000B	76,875	25	3,075

Disponibili anche verniciate colore rosso - blu - *Avaiable in red - blue painted colour*

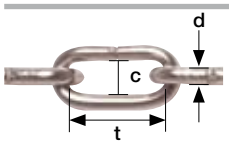
Catene per usi generali - Materiali: acciaio basso tenore carbonio - *General utility chain - Material: low carbon steel*
Attenzione: non oltrepassare il limite del Carico di Lavoro - Non usare per sollevamento - **Warning:** *do not exceed working load limit - Do not use for overhead lifting*

chiusura a bastoncino
easy balls chain connection

dimensioni *dimensions*	*cod.*	**€/cad.** *€/PC*
Ø mm	***ottonata****/brass plated*	
3,2	BASTOTT32	0,085
3,6	BASTOTT36	0,105
	ottone cromato*/crome plated*	
3,2	BASTOTTCR32	0,105
3,6	BASTOTTCR36	0,115

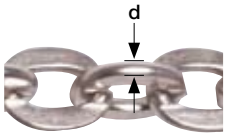
chiusura easy
easy balls chain connection

dimensioni *dimensions*		**€/cad.** *€/PC*
Ø mm	***ottone****/brass*	
3,2	CHIUSOTT32E	0,075
3,6	CHIUSOTT36E	0,075
	ottone cromato*/crome plated*	
3,2	CHIUSOTTCR32E	0,095
3,6	CHIUSOTTCR36E	0,095



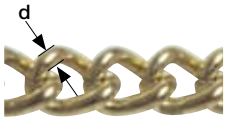
catena forzatina
clock chain

dimensioni *dimensions*	***bobina*** *reel*	***bobina/scat.*** *reel/box*	*cod.*	**€/bobina** *€/reel*	**m/bobina** *m/reel*	**€/m**
d x t x c			***nichelata****/nickel plated*			
1,3 x 8,0 x 2,5	SP2	1	CF013FN1025N00B	41,375	25	1,655
1,5 x 8,0 x 3,3	SP2	1	CF015FN1025N00B	47,750	25	1,910
d x t x c			***ottonata****/brass plated*			
1,3 x 8,0 x 2,5	SP2	1	CF013FN1025A00B	41,375	25	1,655
1,5 x 8,0 x 3,3	SP2	1	CF015FN1025A00B	47,750	25	1,910
d x t x c			***piombo****/lead color*			
1,3 x 8,0 x 2,5	SP2	1	CF013FN1025P00B	41,375	25	1,655
1,5 x 8,0 x 3,3	SP2	1	CF015FN1025P00B	47,750	25	1,910



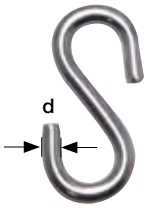
catena forzatina battuta
square link clock chain

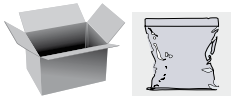
dimensioni *dimensions*	***bobina*** *reel*	***bobina/scat.*** *reel/box*	*cod.*	**€/bobina** *€/reel*	**m/bobina** *m/reel*	**€/m**
d Ø mm			***nichelata****/nichel plated*			
1,0	SP2	1	CF010ZN1025N00B	54,500	25	2,180



catena groumette
small twisted chain

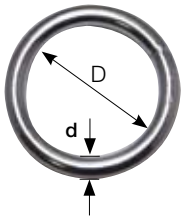
dimensioni *dimensions*	***bobina*** *reel*	***bobina/scat.*** *reel/box*	*cod.*	**€/bobina** *€/reel*	**m/bobina** *m/reel*	**€/m**
d Ø mm			***ottonata****/brass plated*			
1,0	SP2	1	CF010MN1025A00B	47,375	25	1,895
1,2	SP2	1	CF012MN1025A00B	52,625	25	2,105
1,5	SP2	1	CF015MN1025A00B	63,375	25	2,535
d Ø mm			***nichelata****/ nichel plated*			
1,0	SP2	1	CF010MN1025N00B	47,375	25	1,895
1,2	SP2	1	CF012MN1025N00B	52,625	25	2,105
1,5	SP2	1	CF015MN1025N00B	63,375	25	2,535

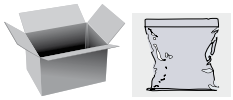




ganci ad "S" zincati
zinc-plated "S" hooks for chain

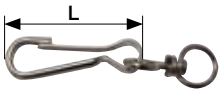
numero *number*	***diametro*** *diameter*	*cod.*	**€/scatola** *€/box*	***pz./ scatola*** *PCS/box*	**€/cad.** *€/PC*	*cod.*	**€/ sacchetto** *€/bag*	***peso*** *weight*	**€/kg**
	d mm	**confezione P**				**confezione G**		**kg**	
15	2,5	SF02500Z030E	13,000	500	0,026	SF03000E030E	37,075	5	7,415
16	2,7	SF02500Z027E	14,000	500	0,028	SF02700E031E	37,000	5	7,400
17	3,0	SF03000Z033E	13,600	400	0,034	SF03000E033E	36,750	5	7,350
18	3,4	SF03400Z037E	18,800	400	0,047	SF03400E037E	36,275	5	7,255
19	3,9	SF03900Z040E	19,500	300	0,065	SF03900E040E	36,000	5	7,200
20	4,4	SF04400Z046E	19,000	200	0,095	SF04400E046E	35,900	5	7,180
21	4,9	SF04900Z048E	22,000	200	0,110	SF04900E048E	35,250	5	7,050
22	5,4	SF05400Z050E	24,750	150	0,165	SF05400E050E	35,000	5	7,000
23	5,9	SF05900Z054E	28,500	150	0,190	SF05900E054E	35,000	5	7,000
24	6,4	SF06400Z062E	25,500	100	0,255	SF06400E062E	35,100	5	7,020
25	7,0	SF07000Z070E	26,800	80	0,335	SF07000E070E	36,000	5	7,200
26	7,5	SF07500Z078E	24,600	60	0,410	SF07500E078E	36,000	5	7,200
27	8,0	SF08000Z079E	16,800	30	0,560	SF08000E079E	36,250	5	7,250
30	10,0	SF10000Z098E	15,100	20	0,755	SF10000E098E	36,250	5	7,250





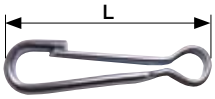
anelli zincati
zinc-plated round ring

numero *number*	***diam.*** *diameter*	***diam. interno*** *diam. inside*	*cod.*	**€/scatola** *€/box*	***pz./ scatola*** *PCS/box*	**€/cad.** *€/PC*	*cod.*	**€/ sacchetto** *€/bag*	***peso*** *weight*	**€/kg**
	d mm	***D***	**confezione P**				**confezione G**		**kg**	
19	4,0	20	AF04000Z020E	75,000	500	0,150	AF04000E020E	104,625	5	20,925
20	4,4	25	AF04400Z025E	36,000	200	0,180	AF04400E025E	80,250	5	16,050
21	4,9	30	AF04900Z030E	44,000	200	0,220	AF04900E030E	66,075	5	13,215
22	5,4	35	AF05400Z035E	28,500	100	0,285	AF05400E035E	58,450	5	11,690
23	5,9	40	AF05900Z040E	35,000	100	0,350	AF05900E040E	54,050	5	10,810
24	6,4	45	AF06400Z045E	22,000	50	0,440	AF06400E045E	50,525	5	10,105
25	7,0	50	AF07000Z050E	21,800	40	0,545	AF07000E050E	45,925	5	9,185
27	8,0	60	AF08000Z060E	25,500	30	0,850	AF08000E060E	47,000	5	9,400



moschettoni Simplex DIN 5287 tipo B
simplex hooks DIN 5287 form B

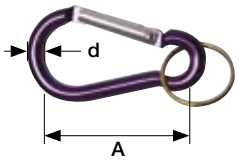
lunghezza esterna *outside lenght*	BLUCROM	**€/ sacchetto** *€/bag*	***pz./ sacchetto*** *PCS/bag*	**€/cad.** *€/PC*	***nichelata*** *nickel plated*	**€/ sacchetto** *€/bag*	***pz./ sacchetto*** *PCS/bag*	**€/cad.** *€/PC*
L mm								
30	MOSSMZINCEL30	12,500	100	0,125	MOSSIMNIC30	12,500	100	0,125
40	MOSSMZINCEL40	14,250	75	0,190	MOSSIMNIC40	14,250	75	0,190
50	MOSSMZINCEL50	20,250	75	0,270	MOSSIMNIC50	20,250	75	0,270
60	MOSSMZINCEL60	22,500	50	0,450	MOSSIMNIC60	22,500	50	0,450
70	MOSSMZINCEL70	26,500	50	0,530	MOSSIMNIC70	26,500	50	0,530
80	MOSSMZINCEL80	22,125	25	0,885	MOSSIMNIC80	22,125	25	0,885
90	MOSSMZINCEL90	26,750	25	1,070	MOSSIMNIC90	26,750	25	1,070
100	MOSSMZINCEL100	36,500	25	1,460	MOSSIMNIC100	36,500	25	1,460
120	MOSSMZINCEL120	53,000	25	2,120	MOSSIMNIC120	53,000	25	2,120



moschettoni Simplex DIN 5287 tipo A

simplex hooks DIN 5287 form A

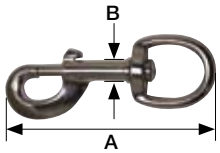
lunghezza esterna *outside lenght*	BLUCROM	**€/ sacchetto** *€/bag*	***pz./ sacchetto*** *PCS/bag*	**€/cad.** *€/PC*	***nichelata*** *nickel plated*	**€/ sacchetto** *€/bag*	***pz./ sacchetto*** *PCS/bag*	**€/cad.** *€/PC*
L mm								
30	MOLLELEGGEREZIN30	5,000	100	0,050	MOLLELEGGERE30	5,000	100	0,050
40	MOLLELEGGEREZIN40	7,125	75	0,095	MOLLELEGGERE40	7,125	75	0,095
50	MOLLELEGGEREZIN50	12,750	75	0,170	MOLLELEGGERE50	12,750	75	0,170
60	MOLLELEGGEREZIN60	14,250	50	0,285	MOLLELEGGERE60	14,250	50	0,285
70	MOLLELEGGEREZIN70	18,500	50	0,370	MOLLELEGGERE70	18,500	50	0,370
80	MOLLELEGGEREZIN80	14,000	25	0,560	MOLLELEGGERE80	14,000	25	0,560
90	MOLLELEGGEREZIN90	16,250	25	0,650	MOLLELEGGERE90	16,250	25	0,650
100	MOLLELEGGEREZIN100	25,750	25	1,030	MOLLELEGGERE100	25,750	25	1,030
120	MOLLELEGGEREZIN120	42,250	25	1,690	MOLLELEGGERE120	42,250	25	1,690



moschettoni in alluminio

alluminium snap hook coloured with split ring

diametro *diameter*	***dimensioni*** *dimensions*	*cod.*	**€/sacchetto** *€/bag*	***pz./ sacchetto*** *PCS/bag*	**€/cad.** *€/PC*
d mm	**A mm**				
5,0	50,0	MOSALL50	10,650	10	1,065
6,0	60,0	MOSALL60	11,650	10	1,165
7,0	70,0	MOSALL70	13,300	10	1,330



moschettoni in zama nichelato

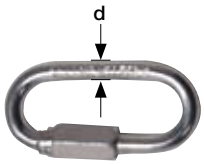
nickel swivel snap hook in zinc diecast

dimensioni *dimensions*	*cod.*	**€/sacchetto** *€/bag*	***pz./ sacchetto*** *PCS/bag*	**€/cad.** *€/PC*
A x B mm				
53,0 x 10,0	MOSZAMNIC1053	12,300	10	1,230
76,0 x 14,0	MOSZAMNIC1476	21,850	10	2,185
80,0 x 16,0	MOSZAMNIC1680	28,300	10	2,830

false maglie zincate

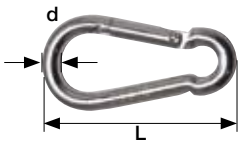
zinc plated connection links

diametro *diameter*	*cod.*	**€/sacchetto** *€/bag*	***pz./ sacchetto*** *PCS/bag*	**€/cad.** *€/PC*
d mm				
3,5	FMAGZINCEL35	145,000	1000	0,145
4,0	FMAGZINCEL4	165,000	1000	0,165
5,0	FMAGZINCEL5	140,000	500	0,280
6,0	FMAGZINCEL6	181,500	300	0,605
7,0	FMAGZINCEL7	74,000	100	0,740
8,0	FMAGZINCEL8	109,500	100	1,095



maglie rapide zincate
zinc plated quick links

diametro *diameter*	*cod.*	**€/sacchetto** *€/bag*	***pz./sacchetto*** *PCS/bag*	**€/cad.** *€/PC*
d mm				
3,5	MAGRAPZINCEL35	48,500	100	0,485
4,0	MAGRAPZINCEL4	53,500	100	0,535
5,0	MAGRAPZINCEL5	34,500	50	0,690
6,0	MAGRAPZINCEL6	43,000	50	0,860
8,0	MAGRAPZINCEL8	60,500	50	1,210
10,0	MAGRAPZINCEL10	62,125	25	2,485
12,0	MAGRAPZINCEL12	101,875	25	4,075



moschettoni pompiere zincati
zinc plated carbine hook

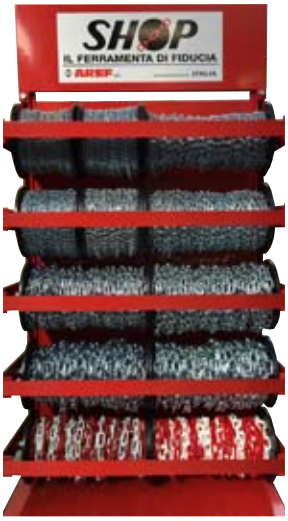
diametro *diameter*	***lunghezza esterna*** *outside lenght*	*cod.*	**€/sacchetto** *€/bag*	***pz./sacchetto*** *PCS/bag*	**€/cad.** *€/PC*
d mm	**L mm**				
4,0	40	MOSPOMZINCEL40	28,000	50	0,560
5,0	50	MOSPOMZINCEL50	30,500	50	0,610
6,0	60	MOSPOMZINCEL60	36,250	50	0,725
7,0	70	MOSPOMZINCEL70	23,375	25	0,935
8,0	80	MOSPOMZINCEL80	27,875	25	1,115
9,0	90	MOSPOMZINCEL90	40,250	25	1,610
10,0	100	MOSPOMZINCEL100	50,000	25	2,000
12,0	120	MOSPOMZINCEL120	71,875	25	2,875

espositore EPD

EPD display merchandiser

numero *number*	descrizione *description*		denominazione *number*	diametro *diameter*	lunghezza *lenght*
	BLUCRO			mm	
2	bobina catena genovese	genoese chain reel	12	1,6	
2	bobina catena genovese	genoese chain reel	14	2,2	
1	bobina catena genovese	genoese chain reel	16	2,7	
1	bobina catena genovese	genoese chain reel	18	3,4	
2	bobina catena genovese	genoese chain reel	20	4,4	
1	bobina catena genovese	genoese chain reel	22	5,5	
2	bobina catena genovese	genoese chain reel	24	6,5	
1	bobina catena genovese	genoese chain reel	26	7,5	

1 Dimensioni / *dimensions* cm 70 x 60 x 60 **€ 1.815,00 cad.**



espositore EGD

EGD display merchandiser

numero *number*	descrizione *description*		denominazione *number*	diametro *diameter*	lunghezza *lenght*
	BLUCRO			mm	
2	bobina catena genovese	genoese chain reel	12	1,6	
2	bobina catena genovese	genoese chain reel	14	2,2	
2	bobina catena genovese	genoese chain reel	15	2,4	
1	bobina catena genovese	genoese chain reel	16	2,7	
1	bobina catena genovese	genoese chain reel	17	3,0	
1	bobina catena genovese	genoese chain reel	18	3,4	
1	bobina catena genovese	genoese chain reel	19	4,0	
1	bobina catena genovese	genoese chain reel	20	4,4	
1	bobina catena genovese	genoese chain reel	21	5,0	
1	bobina catena genovese	genoese chain reel	22	5,5	
1	bobina catena genovese	genoese chain reel	23	6,0	
1	bobina catena genovese	genoese chain reel	24	6,5	
1	bobina catena genovese	genoese chain reel	25	7,0	
1	bobina catena genovese	genoese chain reel	26	7,5	
1	bobina catena genovese	genoese chain reel	27	8,0	
1	bobina catena genovese	genoese chain reel	28	9,0	
1	bobina catena genovese	genoese chain reel	30	10,0	

Dimensioni / *dimensions* cm 170 x 40 x 80 **€ 3.145,00 cad.**

espositore ECO

ECO display merchandiser

numero *number*	descrizione *description*	diametro *diameter*	bobina tipo *type spool*
	cromata *chrome plated*	**mm**	
1	catena a pallini *balls chain*	3,60	SP2
1	catena piatta tranciata *sash chain*	0,35	SP2
	ottonata *brass plated*	**mm**	
1	catena forzatina *cloch chain*	1,30	SP2
1	catena gourmette *small twisted chain*	1,20	SP2
1	catena maglia cattedrale *cathedral link chain*	2,20	SP1
1	catena maglia tonda *round link chain*	2,80	A09
	bronzata *bronze plated*	**mm**	
1	catena maglia quadra rullata *square link chain*	2,20	SP1
1	catena maglia quadra ritorta *twisted square link chain*	3,50	A09
	nera *black painted*	**mm**	
1	catena maglia cattedrale *cathedral link chain*	2,70	A09

Dimensioni / *dimensions* cm 70 x 35 x 45 **€ 680,00 cad.**

HOT TREATMENT

Tutte le nostre catene di sicurezza ***SAFETY*** sono sottoposte al trattamento HT (cementazione + tempra)

HT è un trattamento termochimico di diffusione che prevede un arricchimento di Carbonio sulla superficie della catena. Questo trattamento viene eseguito in atmosfera controllata ad una temperatura che varia generalmente da 870°C a 940°C. La Cementazione è normalmente seguita da un trattamento di Tempra in olio e successivo rinvenimento per ottenere la durezza superficiale richiesta. La lavorazione viene eseguita su acciai da cementazione allo scopo di migliorarne la resistenza al taglio, all'usura e alla fatica.

La seguente tabella specifica gli indici di prestazione che le nostre catene ***SAFETY*** offrono nei vari utilizzi. La resistenza al taglio risulta essere più performante quando vengono combinati i parametri relativi alla sezione resistente (diametro catena) con la qualità dell'acciaio utilizzato e le relative durezze superficiali e al nucleo ottenute dopo trattamento termico.

*All our **SAFETY** chains undergo HT (carburization + hardening) heat treatment*

HT is a thermochemical diffusion process that calls for carbon enrichment of the chain surface. This treatment is performed under controlled atmosphere at temperatures that generally vary from 870 °C to 940 °C. Carburization is usually followed by hardening in an oil quench phase, and thereafter, tempering to reach the required surface hardness. Processing is performed on case hardening steels with the aim of improving their resistance to cutting, wear and fatigue.

*The following table specifies the performance index that our **SAFETY** chains offer in various applications. Cut resistance is greatest when the parameters relative to the resistant cross-section (chain link diameter) are combined with quality steel and the relevant case and core hardeness following heat treatment.*

Alta prestazione *High performance*		Media prestazione *Medium performance*		Prestazione normale *Normal performance*	
HT	HT	HT	HT	HT	HT
10	9	8	7	6	5

catena di sicurezza TT 810

TT 810 safety chain

catena in acciaio legato con maglia a sez. "D", cementata e bonificata (durezza superficiale 57-60 HRC), zincata e rivestita di Tubo Tessile

chain in Alloy steel with link in "D" shape, hardened (57-60 HRC) zinc plated and covered with Texil Tube

numero *number*	***diametro*** *diameter*	***lunghezza*** *lenght*	**HT**			**€/scatola** *€/box*	***pz./scatola*** *PCS/box*	**€/cad.** *€/PC*
	mm	**cm**			*cod.*			
23	6,0	60	7	indice di prestazione *performance index*	CA060QIW060E0T	132,900	20	6,645
23	6,0	80	7		CA060QIW080E0T	172,900	20	8,645
23	6,0	100	7		CA060QIW100E0T	162,000	15	10,800
27	8,0	80	8		CA080QIW080E0T	237,150	15	15,810
27	8,0	100	8		CA080QIW100E0T	198,000	10	19,800
27	8,0	120	8		CA080QIW120E0T	190,560	8	23,820
27	8,0	150	8		CA080QIW150E0T	178,140	6	29,690
27	8,0	200	8		CA080QIW200E0T	156,620	4	39,155
30	10,0	100	9		CA100QIW100E0T	218,640	8	27,330
30	10,0	120	9		CA100QIW120E0T	163,900	5	32,780
30	10,0	150	9		CA100QIW150E0T	163,060	4	40,765
30	10,0	200	9		CA100QIW200E0T	212,800	4	53,200

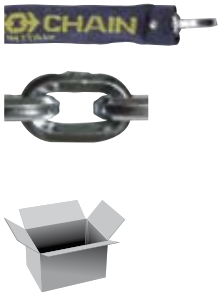
catena di sicurezza TT 111

TT 111 safety chain

catena in acciaio legato con maglia a sez. rettangolare 11 mm, cementata e bonificata (durezza superficiale 58-61 HRC) - zincata e rivestita di Tubo Tessile

chain in Alloy steel with 11 mm rettangular shape link, hardened (58-61 HRC) zinc plated and covered with Texil Tube

	diametro *diameter*	***lunghezza*** *lenght*	**HT**			**€/scatola** *€/box*	***pz./scatola*** *PCS/box*	**€/cad.** *€/PC*
	mm	**cm**			*cod.*			
	11,0	90	10	indice di prestazione *performance index*	CZ110QIW090E0T	225,990	6	37,665
	11,0	120	10		CZ110QIW120E0T	248,680	5	49,735
	11,0	150	10		CZ110QIW150E0T	248,840	4	62,210



catena di sicurezza IRON BLOCK

IRON BLOCK safety chain

catena in acciaio legato con maglia a sez. esagonale 13 mm, cementata e bonificata (durezza superficiale 58-61 HRC) - zincata e rivestita di Tubo Tessile

chain in Alloy steel with 13 mm hexagonal shape link, hardened (58-61 HRC) zinc plated covered with Texil Tube

	diametro *diameter*	***lunghezza*** *lenght*	**HT**			**€/scatola** *€/box*	***pz./scatola*** *PCS/box*	**€/cad.** *€/PC*
	mm	**cm**			*cod.*			
	11,0	120	10	indice di prestazione *performance index*	CZ110!IW120E0T	335,460	6	55,910
	11,0	150	10		CZ110!IW150E0T	344,375	5	68,875
	11,0	180	10		CZ110!IW180E0T	324,280	4	81,070

catena di sicurezza TT 810/L

TT 810/L safety chain

catena in acciaio legato con maglia a sez. "D", cementata e bonificata (durezza superficiale 57-60 HRC), zincata e rivestita di Tubo Tessile - lucchetto corazzato con doppio ancoraggio catena e spinotti antistrappo - confezione singola in sacchetto

chain in Alloy steel with link in "D" shape, hardened (57-60 HRC) zinc plated and covered with Texil Tube - Armoured lock with double ancorage chainand keglock anti-stratch - single packing in handly bag

numero *number*	**diametro** *diameter*	**lunghezza** *lenght*	HT			**pz./ sacchetto** *PCS/bag*	**€/cad.** *€/PC*
	mm	**cm**			*cod.*		
23	6,0	60	7	indice di prestazione *performance index*	CA060QIW060E0U	1	43,890
23	6,0	80	7		CA060QIW080E0U	1	45,940
23	6,0	100	7		CA060QIW100E0U	1	48,090
27	8,0	80	8		CA080QIW080E0U	1	58,695
27	8,0	100	8		CA080QIW100E0U	1	62,970
27	8,0	120	8		CA080QIW120E0U	1	65,650
27	8,0	150	8		CA080QIW150E0U	1	69,970
27	8,0	200	8		CA080QIW200E0U	1	83,320
30	10,0	100	9		CA100QIW100E0U	1	70,280
30	10,0	120	9		CA100QIW120E0U	1	74,365
30	10,0	150	9		CA100QIW150E0U	1	80,650
30	10,0	200	9		CA100QIW200E0U	1	98,000

catena di sicurezza TT 810/L

TT 810/L safety chain / TT 810/L

catena in acciaio legato con maglia a sez. "D", cementata e bonificata (durezza superficiale 57-60 HRC), zincata e rivestita di Tubo Tessile - lucchetto corazzato con doppio ancoraggio catena e spinotti antistrappo - confezione in scatola

chain in Alloy steel with link in "D" shape, hardened (57-60 HRC) zinc plated and covered with Texil Tube - Armoured lock with double ancorage chainand keglock anti-stratch - packing in box

numero *number*	**diametro** *diameter*	**lunghezza** *lenght*	HT			**€/scatola** *€/box*	**pz./scatola** *PCS/box*	**€/cad.** *€/PC*
	mm	**cm**			*cod.*			
23	6,0	60	7	indice di prestazione *performance index*	CA060QIW060E0Z	254,760	8	31,845
23	6,0	80	7		CA060QIW080E0Z	271,440	8	33,930
23	6,0	100	7		CA060QIW100E0Z	288,640	8	36,080
27	8,0	80	8		CA080QIW080E0Z	379,520	8	47,440
27	8,0	100	8		CA080QIW100E0Z	308,760	6	51,460
27	8,0	120	8		CA080QIW120E0Z	332,760	6	55,460
27	8,0	150	8		CA080QIW150E0Z	367,800	6	61,300
27	8,0	200	8		CA080QIW200E0Z	284,000	4	71,000
30	10,0	100	9		CA100QIW100E0Z	238,420	4	59,605
30	10,0	120	9		CA100QIW120E0Z	271,980	4	67,995
30	10,0	150	9		CA100QIW150E0Z	291,760	4	72,940
30	10,0	200	9		CA100QIW200E0Z	343,140	4	85,785

catena di sicurezza TT 810/LP

TT 810/L safety chain / TT 810/LP

catena in acciaio legato con maglia a sez. "D", cementata e bonificata (durezza superficiale 57-60 HRC), zincata e rivestita di Tubo Tessile - lucchetto tubolare corazzato - confezione in scatola

chain in Alloy steel with link in "D" shape, hardened (57-60 HRC) zinc plated and covered with Texil Tube - Armoured tubular lock - packing in box

numero *number*	**diametro** *diameter*	**lunghezza** *lenght*	HT			**€/scatola** *€/box*	**pz./scatola** *PCS/box*	**€/cad.** *€/PC*
	mm	**cm**			*cod.*			
23 x 60	6,0	60	7	indice di prestazione *performance index*	CA060QIW060E0Z	249,840	8	31,230
23 x 80	6,0	80	7		CA060QIW060E0Z	264,200	8	33,025
23 x 100	6,0	100	7		CA060QIW060E0Z	279,160	8	34,895

catena di sicurezza Thor

Thor safety chain

catena in acciaio legato con maglia a sez. "D", cementata e bonificata (durezza superficiale 57-60 HRC), zincata elettroliticamente, rivestita con guaina termoretrattata antigraffio

chain in Alloy steel with link in "D" shape, hardened (57-60 HRC) zinc plated and covered with coloured sheat anti-scratch

numero *number*	***diametro*** *diameter*	***lunghezza*** *lenght*	**HT**			**€/scatola** *€/box*	***pz./scatola*** *PCS/box*	**€/cad.** *€/PC*
	mm	**cm**			*cod.*			
23	6,0	60	7	indice di prestazione *performance index*	CA060QIW060E0I	116,000	20	5,800
23	6,0	80	7		CA060QIW080E0I	154,400	20	7,720
23	6,0	100	7		CA060QIW100E0I	140,480	15	9,365
27	8,0	80	8		CA080QIW080E0I	147,350	10	14,735
27	8,0	100	8		CA080QIW100E0I	181,400	10	18,140
27	8,0	120	8		CA080QIW120E0I	175,200	8	21,900
27	8,0	150	8		CA080QIW150E0I	163,410	6	27,235
27	8,0	200	8		CA080QIW200E0I	219,840	6	36,640
30	10,0	100	9		CA100QIW100E0I	206,000	8	25,750
30	10,0	120	9		CA100QIW120E0I	154,430	5	30,885
30	10,0	150	9		CA100QIW150E0I	155,560	4	38,890
30	10,0	200	9		CA100QIW200E0I	202,600	4	50,650

catena di sicurezza Action

Action safety chain

catena in acciaio legato con maglia a sez. "D", cementata e bonificata (durezza superficiale 58-60 HRC), zincata elettrolitica-rivestita con guaina termoretratta antigraffio - lucchetto corazzato con doppio ancoraggio catena e spinotti antistrappo - confezione in sacchetto

chain in Alloy steel with link in "D" shape, hardened (57-60 HRC) zinc plated and covered with coloured sheat anti-scratch - Armoured lock with double ancorage chainand keglock anti-stratch - packing in handly bag

numero *number*	***diametro*** *diameter*	***lunghezza*** *lenght*	**HT**			***pz./ sacchetto*** *PCS/bag*	**€/cad.** *€/PC*
	mm	**cm**			*cod.*		
23	6,0	60	7	indice di prestazione *performance index*	CA060QIW060E0L	1	42,360
23	6,0	80	7		CA060QIW080E0L	1	44,100
23	6,0	100	7		CA060QIW100E0L	1	45,955
27	8,0	80	8		CA080QIW080E0L	1	59,935
27	8,0	100	8		CA080QIW100E0L	1	62,750
27	8,0	120	8		CA080QIW120E0L	1	65,715
27	8,0	150	8		CA080QIW150E0L	1	69,990
27	8,0	200	8		CA080QIW200E0L	1	79,380
30	10,0	100	9		CA100QIW100E0L	1	70,350
30	10,0	120	9		CA100QIW120E0L	1	74,365
30	10,0	150	9		CA100QIW150E0L	1	80,650
30	10,0	200	9		CA100QIW200E0L	1	91,050

catena di sicurezza Action

Action box safety chain

catena in acciaio legato con maglia a sez. "D", cementata e bonificata (durezza superficiale 58-60 HRC), zincata elettrolitica-rivestita con guaina termoretratta antigraffio - lucchetto corazzato con doppio ancoraggio catena e spinotti antistrappo - confezione in scatola

chain in Alloy steel with link in "D" shape, hardened (57-60 HRC) zinc plated and covered with coloured sheat anti-scratch - Armoured lock with double ancorage chainand keglock anti-stratch - packing in box

numero *number*	***diametro*** *diameter*	***lunghezza*** *lenght*	HT			**€/scatola** *€/box*	***pz./scatola*** *PC/box*	**€/cad.** *€/PC*
	mm	**cm**			*cod.*			
23	6,0	60	7	indice di prestazione *performance index*	CA060QIW060E0B	244,640	8	30,580
23	6,0	80	7		CA060QIW080E0B	258,520	8	32,315
23	6,0	100	7		CA060QIW100E0B	273,400	8	34,175
27	8,0	80	8		CA080QIW080E0B	366,920	8	45,865
27	8,0	100	8		CA080QIW100E0B	296,880	6	49,480
27	8,0	120	8		CA080QIW120E0B	319,020	6	53,170
27	8,0	150	8		CA080QIW150E0B	350,190	6	58,365
27	8,0	200	8		CA080QIW200E0B	274,760	4	68,690
30	10,0	100	9		CA100QIW100E0B	229,200	4	57,300
30	10,0	120	9		CA100QIW120E0B	248,540	4	62,135
30	10,0	150	9		CA100QIW150E0B	277,860	4	69,465
30	10,0	200	9		CA100QIW200E0B	327,200	4	81,800

catena di sicurezza a maglia tonda

safety round link chain

catena in acciaio cementato, zincocromata, rivestita con guaina termoretratta antigraffio

chain hardened steel, zincplated, covered with special coloured sheath anti-scratch

numero *number*	***diametro*** *diameter*	***lunghezza*** *lenght*	HT			**€/scatola** *€/box*	***pz./scatola*** *PCS/box*	**€/cad.** *€/PC*
	mm	**cm**			*cod.*			
19	4,0	50	5	indice di prestazione *performance index*	CF040GKW050E0I	158,550	70	2,265
19	4,0	60	5		CF040GKW060E0I	155,100	60	2,585
19	4,0	70	5		CF040GKW070E0I	116,000	40	2,900
19	4,0	80	5		CF040GKW080E0I	128,000	40	3,200
21	5,0	50	5		CF050GKW050E0I	133,250	50	2,665
21	5,0	60	5		CF050GKW060E0I	121,800	40	3,045
21	5,0	80	5		CF050GKW080E0I	99,500	25	3,980
21	5,0	100	5		CF050GKW100E0I	123,500	25	4,940
23	6,0	60	6		CF060GKW060E0I	80,000	20	4,000
23	6,0	80	6		CF060GKW080E0I	101,900	20	5,095
23	6,0	100	6		CF060GKW100E0I	95,550	15	6,370
26	7,5	60	6		CF075GKW060E0I	118,100	20	5,905
26	7,5	80	6		CF075GKW080E0I	115,050	15	7,670
26	7,5	100	6		CF075GKW100E0I	95,000	10	9,500
26	7,5	120	6		CF075GKW120E0I	113,450	10	11,345
26	7,5	150	6		CF075GKW150E0I	85,380	6	14,230
26	7,5	200	6		CF075GKW200E0I	111,240	6	18,540
28	9,0	100	7		CF090GKW100E0I	156,200	10	15,620
28	9,0	120	7		CF090GKW120E0I	112,590	6	18,765
28	9,0	150	7		CF090GKW150E0I	138,150	6	23,025
28	9,0	200	7		CF090GKW200E0I	152,280	5	30,455
30	10,0	100	8		CF100GKW100E0I	157,920	8	19,740
30	10,0	120	8		CF100GKW120E0I	118,350	5	23,670
30	10,0	150	8		CF100GKW150E0I	117,540	4	29,385
30	10,0	200	8		CF100GKW200E0I	154,780	4	38,695

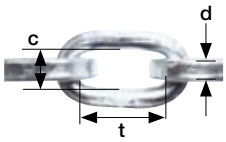
ogni catena di sicurezza della linea safety può essere equipaggiata da una placchetta porta etichetta di plastica idonea al gancio per pannello forato dell'espositore.
costo placchetta: € 4.00

we can offer our safety chains
with plastic hanger support label for display merchandiser.
Plastic hanger cost: € 4.00

lucchetto 810
810 lock

lucchetto corazzato con doppio ancoraggio catena e spinotti antistrappo
armoured lock with double ancorage chainand keglock anti-stratch

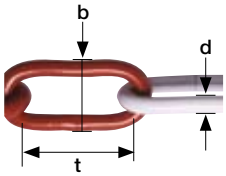
per catene *chains*		***pz./scatola*** *PCS/box*	**€/cad.** *€/PC*
mm	*cod.*		
6	LUC060	1	27,385
8	LUC810	1	33,935



catena in acciaio legato a maglia sez. "D"
alloy steel chain link "D" shape

catena in acciaio legato con maglia a sez. "D", cementata e bonificata (durezza superficiale 57-60 HRC), zincata elettroliticamente
chain in Alloy steel with link in "D" shape, hardened (57-60 HRC) zinc plated

dimensioni *dimensions*	***peso*** *weight*	HT		**cementata + zinc. elettrol.** *hardned + zinc.plated*	**€/matassa** *€/bundles*	**matassa** *bundle*	**€/m**
d x t x c mm	**≃ kg/m**			*cod.*		**m**	
6,0 x 28,5 x 11,2	0,730	7	indice di prestazione *performance index*	CA060QP1025E	202,500	25	8,100
8,0 x 32,0 x 14,0	1,475	8		CA080QP1025E	433,125	25	17,325
10,0 x 40,0 x 17,5	2,175	9		CA100QP1025E	624,375	25	24,975
11,0 x 45,5 x 18,5	2,800	10		CA110QP1025E	902,875	25	36,115

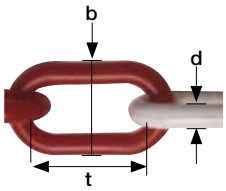


catena di segnalazione in metallo vernice epossidica
epoxy painted signal chain

catena zincata e verniciata in spezzoni da 50 cm alternati rossi e bianchi, o colore unico, studiata per l'esterno e idonea a delimitare aree o evidenziare percorsi

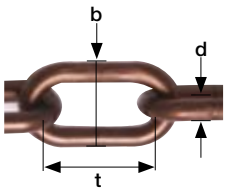
zinc. electrolytic and painted chain with alternate red and white colour each 50 cm, sudied for outdoor use

dimensioni *dimensions*	GARANZIA TEST FULL TRACTION		***bobina*** *reel*	***bobina/ scat.*** *reel/box*			***€/bobina*** *€/reel*	***m/bobina*** *m/reel*	***€/m***
d x t x b						*cod.*			
5,0 x 35,0 x 19,0	30	carico limite di lavoro kg *wor-king load limit*	A30	1	***bicolore rossa bianca*** *bicolor red-white*	CF050CA1030EV0B	172,500	30	5,750
5,0 x 35,0 x 19,0	30		A30	1	***bianca****/white*	CF050CA1030EB0B	132,750	30	4,425
5,0 x 35,0 x 19,0	30		A30	1	***nera****/ black*	CF050CA1030EN0B	132,750	30	4,425
6,0 x 42,0 x 24,0	40		A30	1	***bicolore rossa bianca*** *bicolor red-white*	CF060CA1025EV0B	174,625	25	6,985
6,0 x 42,0 x 24,0	40		A30	1	***bianca****/white*	CF060CA1025EB0B	139,500	25	5,580
6,0 x 42,0 x 24,0	40		A30	1	***nera****/ black*	CF060CA1025EN0B	139,500	25	5,580



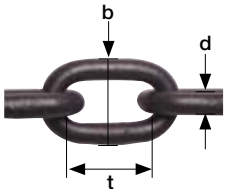
catena in plastica rossa e bianca
red and white plastic chain

dimensioni *dimensions*	***bobina*** *reel*	***bobina/ scat.*** *reel/box*			***€/bobina*** *€/reel*	***m/bobina*** *m/reel*	***€/m***
d x t x b				*cod.*			
6,0 x 27,0 x 24,0	A30	1	***bicolore rossa bianca*** *bicolor red-white*	CP060BM1025000B	64,375	25	2,575
7,5 x 33,0 x 29,0	A30	1	***bicolore rossa bianca*** *bicolor red-white*	CP080BM1025000B	83,250	25	3,330
10,0 x 54,0 x 42,0	A30	1	***bicolore rossa bianca*** *bicolor red-white*	CP100BM2125000B	62,125	12,5	4,970



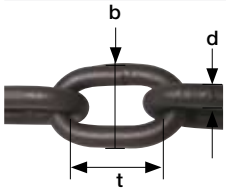
catena in plastica ramata
copper plastic chain

dimensioni *dimensions*	***bobina*** *reel*	***bobina/ scat.*** *reel/box*			***€/bobina*** *€/reel*	***m/bobina*** *m/reel*	***€/m***
d x t x b				*cod.*			
6,0 x 27,0 x 24,0	A30	1	***ramata*** *copper*	CT060BM1025000B	64,375	25	2,575
7,5 x 33,0 x 29,0	A30	1	***ramata*** *copper*	CT080BM1025000B	83,250	25	3,330
10,0 x 54,0 x 42,0	A30	1	***ramata*** *copper*	CT100BM2125000B	62,125	12,5	4,970



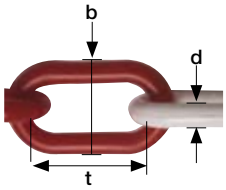
catena genovese verniciata micacea
micaceous lacquered genoese chain

numero number	dimensioni dimensions d x t x b mm	peso weight ≃ kg/m	matassa bundle m	GARANZIA TEST FULL TRACTION		cod.	€/m
23	6,0 x 28,0 x 22,2	0,655	30	310	carico limite di lavoro kg *working load limit*	**grigio micaceo** *grey micaceous* CF060GM1030G	7,450
23	6,0 x 28,0 x 22,2	0,655	30	310		**nero micaceo** *black micaceous* CF060GM1030M	7,450
27	8,0 x 35,0 x 29,8	1,250	15	600		**grigio micaceo** *grey micaceous* CF080GM1015G	12,450
27	8,0 x 35,0 x 29,8	1,250	15	600		**nero micaceo** *black micaceous* CF080GM1015M	12,450



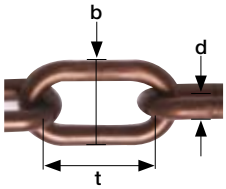
catena DIN 5685/C verniciata micacea (nuova DIN 5685-1)
micaceous lacquered DIN 5685/C chain (new DIN 5685-1)

dimensioni dimensions d x t x b mm	peso weight ≃ kg/m	matassa bundle m	GARANZIA TEST FULL TRACTION		cod.	€/m
8,0 x 52,0 x 30,4	1,100	15	400	carico limite di lavoro kg *working load limit*	**grigio micaceo** *grey micaceous* CF080CM1015G	10,800
8,0 x 52,0 x 30,4	1,100	15	400		**nero micaceo** *black micaceous* CF080CM1015M	10,800
10,0 x 65,0 x 38,0	1,750	15	625		**grigio micaceo** *grey micaceous* CF100CM1015G	16,100
10,0 x 65,0 x 38,0	1,750	15	625		**nero micaceo** *black micaceous* CF100CM1015M	16,100



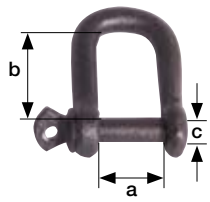
catena in plastica rossa e bianca
red and white plastic chain

dimensioni dimensions d x t x b	sacchetto bag m		cod.	€/m
6,0 x 27,0 x 24,0	25	**bicolore rossa bianca** *bicolor red-white*	CP060BM1025	1,965
8,0 x 33,0 x 29,0	25	**bicolore rossa bianca** *bicolor red-white*	CP080BM1025	2,715
10,0 x 54,0 x 42,0	12,5	**bicolore rossa bianca** *bicolor red-white*	CP100BM2125	3,745



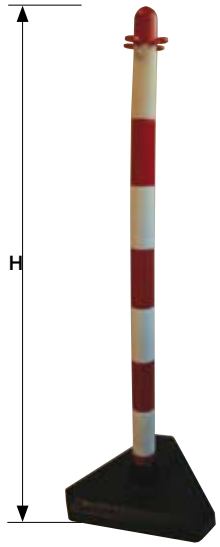
catena in plastica ramata
copper plastic chain

dimensioni dimensions d x t x b	sacchetto bag m		cod.	€/m
6,0 x 27,0 x 24,0	25	**ramata** *copper*	CT060BM1025	1,965
8,0 x 33,0 x 29,0	25	**ramata** *copper*	CT080BM1025	2,715
10,0 x 54,0 x 42,0	12,5	**ramata** *copper*	CT100BM2125	3,745



grilli verniciati micacei
straight shackles micaceous lacquared

pollici	mm	a x b x c mm		cod.	
1/4	6	13,0 x 28,0 x 6,0	***grigio micaceo*** *grey micaceous*	GRIDG6	1,205
1/4	6	13,0 x 28,0 x 6,0	***nero micaceo*** *black micaceous*	GRIDM6	1,205
3/8	10	19,0 x 43,0 x 10,0	***grigio micaceo*** *grey micaceous*	GRIDG10	2,250
3/8	10	19,0 x 43,0 x 10,0	***nero micaceo*** *black micaceous*	GRIDM10	2,250



colonnina in plastica bicolore rossa e bianca
plastic red and white post

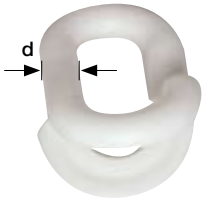
dimensioni *dimensions*		**€/cad.** *€/PC*
H cm	*cod.*	
90	COLPLAS	9,200

base triangolare colonnina riempita
triangolar base for column concrete filled

cod.	**€/cad.** *€/PC*
BASECEM	9,900

vuota
empty

cod.	**€/cad.** *€/PC*
BASEPLAS	5,500



maglia giunzione plastica
plastic connecting link

d mm	*cod.*	**€/cad.** *€/PC*
8	MAGPLAS8	0,290

ACCIAIO INOX

Per la linea NAUTA, utilizziamo acciai inox austenitici con le analisi sottoriportate

ACCIAIO INOX AISI 316
Grande resistenza alla corrosione dell'acqua di mare ed ai prodotti acidi usati nelle industrie chimiche.

ACCIAIO INOX AISI 304
Buona resistenza alla corrosione e mantiene ottime caratteristiche meccaniche a temperature molto basse.

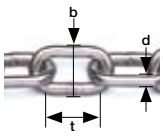
STAINLESS STEEL

AREF NAUTA lines use austenitic stainless steel with the analyses indicated below

STAINLESS STEEL AISI 316
Great resistance to the salt water corrosion and acid products used in chemical industries.

STAINLESS STEEL AISI 304
Good resistance to the corrosion and maintains extremly good characteristics at very low temperatures.

	C %	Si %	Mn %	P %	S %	Cr %	Mo %	Ni %
AISI 316	≦ 0,03	≦ 1,00	≦ 2,00	≦ 0,045	≦ 0,030	16.00-18.00	2.00-3.00	10.00-14.00
AISI 304	≦ 0,03	≦ 1,00	≦ 2,00	≦ 0,045	≦ 0,030	18.00-20.00	–	8.00-12.00

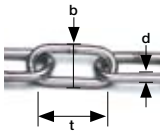


catena genovese inox AISI 304
Stainless steel AISI 304 genoese chain

n. *n.*	dimensioni *dimensions* d x t x b mm	GARANZIA TEST FULL TRACTION	peso *weight* ≃ kg/m	lungh. *lenght* m	€/m	matassa *bundle* cod.	scatola *box* cod.	scat. *box*	bobina *reel* cod.	bobina *reel*
10	1,5 x 12,8 x 6,8	8	0,039	50	2,360	CX015GN1050	CX015GN1050000X	SCN	CX015GN1050000B	A15
13	2,0 x 13,8 x 9,0	20	0,064	50	2,675	CX020GN1050	CX020GN1050000X	SCN	CX020GN1050000B	A15
17	3,0 x 19,0 x 13,0	55	0,160	50	6,550	CX030GN1050	CX030GN1050000X	SCN	CX020GN1050000B	A30
19	4,0 x 21,5 x 15,3	100	0,275	50	9,015	CX040GN1050	CX040GN1050000X	SCN	CX040GN1050000B	A30
21	5,0 x 24,0 x 18,2	250	0,440	40	13,540	CX050GN1040	CX050GN1040000X	SCN	CX050GN1040000B	A30
23	6,0 x 28,0 x 22,2	310	0,655	30	18,830	CX060GN1030	CX060GN1030000X	SCN	CX060GN1030000B	A30
27	8,0 x 35,0 x 29,8	600	1,250	15	32,830	CX080GN1015	CX080GN1015000X	SCN	CX080GN1015000B	A30

carico limite di lavoro kg *working load limit*

Tolleranze come da tabelle DIN 5685-2 - *Tollerances as DIN 5685-2 norms*



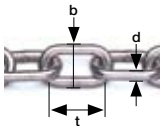
catena DIN 5685/C inox AISI 304
Stainless steel AISI 304 DIN 5685/C chain

(nuova DIN 5685-1)
(new DIN 5685-1)

dimensioni *dimensions* d x t x b mm	GARANZIA TEST FULL TRACTION	peso *weight* ≃ kg/m	lungh. *lenght* m	€/m	matassa *bundle* cod.	scatola *box* cod.	scat. *box*	bobina *reel* cod.	bobina *reel*
2,5 x 24,0 x 9,5	30	0,100	50	3,305	CX025CN1050	CX025CN1050000X	SCN	CX025CN1050000B	A15
3,0 x 26,0 x 11,4	55	0,150	50	5,740	CX030CN1050	CX030CN1050000X	SCN	CX030CN1050000B	A30
4,0 x 32,0 x 15,2	100	0,270	50	7,830	CX040CN1050	CX040CN1050000X	SCN	CX040CN1050000B	A30
5,0 x 35,0 x 19,0	165	0,430	40	11,705	CX050CN1040	CX050CN1040000X	SCN	CX050CN1040000B	A30
6,0 x 42,0 x 22,8	225	0,630	30	16,580	CX060CN1030	CX060CN1030000X	SCN	CX060CN1030000B	A30
8,0 x 52,0 x 30,4	400	1,100	15	29,255	CX080CN1015	CX080CN1015000X	SCN	CX080CN1015000B	A30

carico limite di lavoro kg *working load limit*

Attenzione: non oltrepassare il limite del Carico di Lavoro - Non usare per sollevamento - **Warning:** *do not exceed working load limit - Do not use for overhead lifting*

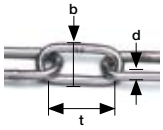


catena genovese inox AISI 316

Stainless steel AISI 316 genoese chain

n. *n.*	dimensioni *dimensions* d x t x b mm	GARANZIA TEST FULL TRACTION		peso *weight* ≃ kg/m	lungh. *lenght* m	€/m	matassa *bundle* cod.	scatola *box* cod.	scat. *box*	bobina *reel* cod.	bobina *reel*
10	1,5 x 12,8 x 6,8	8	carico limite di lavoro kg *working load limit*	0,039	50	2,640	CY015GN1050	CY015GN1050000X	SCN	CY015GN1050000B	A15
13	2,0 x 13,8 x 9,0	20		0,064	50	3,230	CY020GN1050	CY020GN1050000X	SCN	CY020GN1050000B	A15
17	3,0 x 19,0 x 13,0	55		0,160	50	8,130	CY030GN1050	CY030GN1050000X	SCN	CY030GN1050000B	A30
19	4,0 x 21,5 x 15,3	110		0,275	50	11,580	CY040GN1050	CY040GN1050000X	SCN	CY040GN1050000B	A30
21	5,0 x 24,0 x 18,2	260		0,440	40	16,730	CY050GN1040	CY050GN1040000X	SCN	CY050GN1040000B	A30
23	6,0 x 28,0 x 22,2	310		0,655	30	23,570	CY060GN1030	CY060GN1030000X	SCN	CY060GN1030000B	A30
27	8,0 x 35,0 x 29,8	600		1,250	15	41,410	CY080GN1015	CY080GN1015000X	SCN	CY080GN1015000B	A30
30	10,0 x 40,0 x 37,0	1000		1,950	10	66,720	CY100GN1010	CY100GN1010000X	SCN	CY100GN1010000B	A30

Tolleranze come da tabelle DIN 5685-2 - *Tollerances as DIN 5685-2 norms*



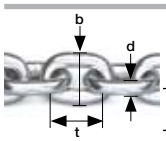
catena DIN 5685/C inox AISI 316

(nuova DIN 5685-1)

Stainless steel AISI 316 DIN 5685/C chain

(new DIN 5685-1)

dimensioni *dimensions* d x t x b mm	GARANZIA TEST FULL TRACTION		peso *weight* ≃ kg/m	lungh. *lenght* m	€/m	matassa *bundle* cod.	scatola *box* cod.	scat. *box*	bobina *reel* cod.	bobina *reel*
2,5 x 24,0 x 9,5	30	carico limite di lavoro kg *working load limit*	0,100	50	4,300	CY025CN1050	CY025CN1050000X	SCN	CY025CN1050000B	A15
3,0 x 26,0 x 11,4	55		0,150	50	7,130	CY030CN1050	CY030CN1050000X	SCN	CY030CN1050000B	A30
4,0 x 32,0 x 15,2	100		0,270	50	10,185	CY040CN1050	CY040CN1050000X	SCN	CY040CN1050000B	A30
5,0 x 35,0 x 19,0	165		0,430	40	14,610	CY050CN1040	CY050CN1040000X	SCN	CY050CN1040000B	A30
6,0 x 42,0 x 22,8	225		0,630	30	20,840	CY060CN1030	CY060CN1030000X	SCN	CY060CN1030000B	A30
8,0 x 52,0 x 30,4	400		1,100	15	37,100	CY080CN1015	CY080CN1015000X	SCN	CY080CN1015000B	A30



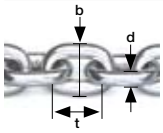
catena DIN 766 inox AISI 316

(nuova DIN 5685-3)

Stainless steel AISI 316 DIN 766 chain

(new DIN 5685-3)

dimensioni *dimensions* d x t x b mm	GARANZIA TEST FULL TRACTION		peso *weight* ≃ kg/m	lungh. *lenght* m	€/m	matassa *bundle* cod.	scatola *box* cod.	scat. *box*	bobina *reel* cod.	bobina *reel*
4,0 x 16,0 x 12,8	200	carico limite di lavoro kg *working load limit*	0,320	50	13,760	CY0406N1050	CY0406N1050000X	SCN	CY0406N1050000B	A30
5,0 x 18,5 x 16,0	320		0,500	40	21,575	CY0506N1040	CY0506N1040000X	SCN	CY0506N1040000B	A30
6,0 x 18,5 x 19,2	400		0,800	30	30,950	CY0606N1030	CY0606N1030000X	SCN	CY0606N1030000B	A30
8,0 x 24,0 x 25,6	800		1,400	15	51,450	CY0806N1015	CY0806N1015000X	SCN	CY0806N1015000B	A30
10,0 x 28,0 x 32,0	1250		2,300	10	78,375	CY1006N1010	CY1006N1010000X	SCN	CY1006N1010000B	A30

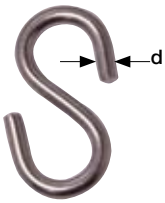


catena NF E 26011 inox AISI 316

Stainless steel AISI 316 NF E 26011 chain

dimensioni *dimensions* d x t x b mm	GARANZIA TEST FULL TRACTION		peso *weight* ≃ kg/m	lungh. *lenght* m	€/m	matassa *bundle* cod.	scatola *box* cod.	scat. *box*	bobina *reel* cod.	bobina *reel*
10,0 x 30,0 x 33,0	1230	carico limite di lavoro kg *working load limit*	2,054	10	78,375	CY100EN1010	CY100EN1010000X	SCN	CY100EN1010000B A30	A30

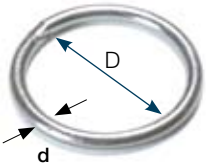
NAUTA



ganci ad “S” inox AISI 316

Stainless steel AISI 316 “S” hooks

numero *number*	*diametro* *diameter* d mm	peso *weight* Kg/cad. *Kg/PC*	*cod.*	€/cad. *€/PC*
17	3	0,004	SY03000Z028	0,135
19	4	0,009	SY03900Z032	0,295
21	5	0,014	SY04900Z038	0,450
23	6	0,025	SY05900Z050	0,800



anelli inox AISI 304

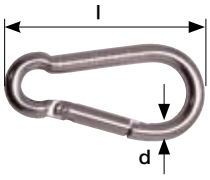
Stainless steel AISI 304 rings

numero *number*	*diametro* *diameter* d mm	*diametro interno* *inside diameter* D mm	peso *weight* Kg/cad. *Kg/PC*	*cod.*	€/cad. *€/PC*
17	3	20	0,007	AX03000Z020	0,320
19	4	25	0,010	AX04000Z025	0,440
21	5	30	0,017	AX04900Z030	0,650
23	6	35	0,026	AX05900Z035	0,870

maglie rapide inox AISI 316

Stainless steel AISI 316 quick links

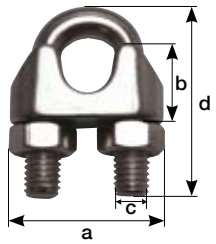
numero *number*	*diametro* *diameter* d mm	dimensioni interne *inside dimensions* l mm	peso *weight* Kg/cad. *Kg/PC*	*cod.*	€/cad. *€/PC*
	4	32	0,011	MAGRAPIN3164	3,255
	5	39	0,022	MAGRAPIN3165	3,620
	6	45	0,038	MAGRAPIN3166	4,910
	8	58	0,080	MAGRAPIN3168	9,135
	10	69	0,144	MAGRAPIN31610	16,055



moschettoni pompiere inox AISI 316

Stainless steel AISI 316 fire brigade snap hooks

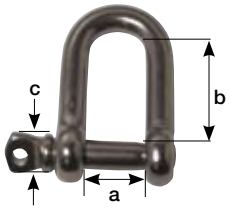
numero *number*	*diametro* *diameter* d mm	dimensioni ersterne *outside dimensions* l mm	peso *weight* Kg/cad. *Kg/PC*	*cod.*	€/cad. *€/PC*
	4	40	0,0135	MOSPOMIN31640	2,715
	5	50	0,0160	MOSPOMIN31650	2,850
	6	60	0,0270	MOSPOMIN31660	3,670
	8	80	0,0650	MOSPOMIN31680	6,710



morsetti inox AISI 316

Stainless steel AISI 316 wire rope clips

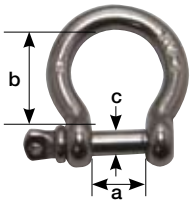
misure *size*	pollici	dimensioni *dimensions*	peso *weight*		
mm		**a x b x c x d mm**	**Kg/cad.** *Kg/PC*	*cod.*	**€/cad.** *€/PC*
3	1/8	21,0 x 8,0 x 4,0 x 20,0	0,0140	MORIN3163	2,400
5	3/16	24,0 x 9,0 x 5,0 x 24,0	0,0150	MORIN3165	2,700
6	1/4	29,0 x 9,0 x 6,0 x 34,0	0,0210	MORIN3166	3,060
8	5/16	33,0 x 12,0 x 6,0 x 35,0	0,0680	MORIN3168	3,980
10	3/8	37,0 x 13,0 x 8,0 x 42,0	0,0760	MORIN31610	6,450



grilli diritti inox AISI 316

Stainless steel AISI 316 dee shackles

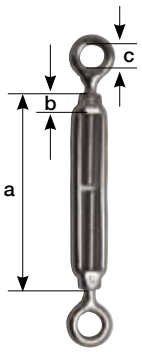
misure *size*	pollici	dimensioni *dimensions*	peso *weight*		
mm		**a x b x c mm**	**Kg/cad.** *Kg/PC*	*cod.*	**€/cad.** *€/PC*
5	3/16	10,0 x 21,0 x 5,0	0,0140	GRIDIN3165	2,810
6	1/4	13,0 x 28,0 x 6,0	0,0270	GRIDIN3166	3,340
8	5/16	16,0 x 36,0 x 8,0	0,0640	GRIDIN3168	5,430
10	3/8	19,0 x 43,0 x 10,0	0,1200	GRIDIN31610	9,570
12	1/2	25,0 x 57,0 x 12,0	0,2100	GRIDIN31612	15,510



grilli a cuore inox AISI 316

Stainless steel AISI 316 bow shackles

misure *size*	pollici	dimensioni *dimensions*	peso *weight*		€/cad. *€/PC*
mm		**a x b x c mm**	**Kg/cad.** *Kg/PC*	*cod.*	
5	3/16	11,0 x 25,5 x 5,0	0,0180	GRICIN3165	2,995
6	1/4	12,0 x 28,5 x 6,0	0,0280	GRICIN3166	3,550
8	5/16	13,5 x 31,0 x 8,0	0,0640	GRICIN3168	5,850
10	3/8	16,8 x 36,6 x 10,0	0,1500	GRICIN31610	9,025
12	1/2	20,6 x 47,8 x 12,0	0,2230	GRICIN31612	14,330



tenditore a due occhi inox AISI 316

Stainless steel AISI 316 eye-eye turnbukle

misure *size*	pollici	dimensioni *dimensions*	peso *weight*		€/cad. *€/PC*
mm		**a x b x c mm**	**Kg/cad.** *Kg/PC*	*cod.*	
5	3/16	60,0 x 9,0 x 9,0	0,0410	TENOOIN3165	6,625
6	1/4	80,0 x 11,0 x 10,0	0,0800	TENOOIN3166	9,475
8	5/16	109,0 x 14,0 x 12,0	0,1590	TENOOIN3168	16,375
10	3/8	130,0 x 20,0 x 13,0	0,2550	TENOOIN31610	20,770

ZINCATURA A CALDO NORMA EN ISO 1461
HOT DIP GALVANIZATION EN ISO 1461 NORM

La zincatura a caldo si attua mediante l'immersione delle catene in zinco fuso tenuto mediamente alla temperatura di 455 °C, ricoprendole interamente. Grazie al pre-trattamento in un bagno di sali fusi di zinco cloruro e ammonio cloruro, l'acciaio delle catene si lega allo zinco conferendo resistenza alla corrosione superiore che nella zincatura elettrolitica, anche dovuta alla maggiore resistenza meccanica dello strato protettivo. Il processo può essere suddiviso nelle seguenti fasi:

- decapaggio e sgrassaggio, ottenuti con acido cloridrico e tensioattivi a temperatura ambiente;
- flussaggio: immersione in soluzione di ammonio cloruro e zinco cloruro;
- zincatura: immersione, dopo preriscaldamento a 100 °C, in vasca di zinco fuso a 455 °C per il tempo necessario a che le catene raggiungano la stessa temperatura dello zinco

La norma italiana che regola la zincatura a caldo, come già indicato, è la EN ISO 1461. Il testo della norma è stato pubblicato per la prima volta nel 1999 ed è giunta alla sua terza revisione nel 2009.

Spessore del rivestimento

La norma gli indica spessori minimi relativi al processo di zincatura a caldo.
La tabella fornisce i valori minimi e medi comunemente accettati a seconda dello spessore del materiale trattato.

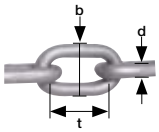
Hot galvanizing is performed by dipping the chains in a molten bath of zinc at a temperature of 455 °C where they are completely covered. Thanks to pretreatment in a bath of molten zinc ammonium chloride salts, the chains bond to the zinc providing greater corrosion resistance than that of electrolytic galvanization, also due to the greater mechanical resistance of the protective layer.
The process can be divided into the following separate phases:

- *degreasing and pickling, using ambient temperature hydrochloric acid and surfactants*
- *fluxing: dipping in a zinc ammonium chloride solution*
- *zinc coating: after preheating to 10°C dipping in a molten bath of zinc at 455 °C for the time required for the chain to reach the same temperature as the molten zinc*

Coating thickness

The standard specifies the minimum coating thickness for the hot-dip galvanizing process. The table provides the minimum and average values that are commonly accepted based on the thickness of the treated material.

Spessore dell'acciaio (mm) ***Steel thickness (mm)***	**Minimo spessore locale del rivestimento (µm)** ***Minimum local coating thickness (µm)***	**Minimo spessore medio del rivestimento (µm)** ***Minimum average coating thickness (µm)***
Acciaio / Steel >=6 mm	70	85
Acciaio / Steel >=3 a < 6mm	55	70
Acciaio / Steel >=1.5 a < 3mm	45	55
Acciaio / Steel < 1.5mm	35	45
fusioni / Castings >=6mm	70	80
fusioni / Castings < 6mm	60	70

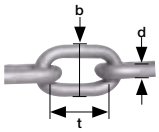


catena genovese zincata a caldo
genovese chain hot dip. Galv

n. *n.*	dimensioni *dimensions* d x t x b mm	GARANZIA TEST FULL TRACTION	peso *weight* ≃ kg/m	matassa *bundle* m	zincata a caldo *hot. dipped galv.* cod.	€/m
17	3,0 x 19,0 x 13,0	55	0,160	75	CF030GM1075C	1,990
18	3,4 x 20,0 x 12,8	100	0,210	75	CF034GM1075C	2,595
19	4,0 x 21,5 x 15,3	110	0,275	75	CF040GM1075C	2,655
20	4,4 x 21,8 x 16,6	200	0,355	50	CF044GM1050C	3,090
21	5,0 x 24,0 x 18,2	250	0,440	50	CF050GM1050C	3,585
22	5,5 x 25,0 x 20,0	300	0,540	40	CF055GM1040C	4,380
23	6,0 x 28,0 x 22,2	310	0,655	30	CF060GM1030C	4,960
24	6,5 x 29,5 x 24,0	400	0,780	25	CF065GM1025C	5,845
25	7,0 x 31,0 x 26,5	450	0,950	25	CF070GM1025C	6,565
26	7,5 x 31,5 x 28,0	550	1,100	25	CF075GM1025C	7,625
27	8,0 x 35,0 x 29,8	600	1,250	25	CF080GM1025C	8,250
28	9,0 x 37,0 x 34,0	800	1,500	25	CF090GM1025C	10,530
30	10,0 x 40,0 x 37,0	1000	1,950	25	CF100GM1025C	12,740
32	12,0 x 47,5 x 44,5	1400	2,850	25	CF120GM1025C	17,900
34	14,0 x 56,0 x 51,0	1800	4,150	20	CF140GM1020C	26,570
36	16,0 x 56,0 x 54,0	2500	5,300	20	CF160GM1020C	35,065
38	18,0 x 63,0 x 60,0	3500	6,700	20	CF180GM1020C	50,610
40	20,0 x 70,0 x 67,0	4300	8,100	20	CF200GM1020C	61,610

carico limite di lavoro kg *working load limit*

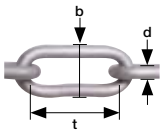
Tolleranze come da tabelle DIN 5685-2 - *Tollerances as DIN 5685-2 norms*



catena DIN 5685/A zincata a caldo (nuova DIN 5685-2)
DIN 5685/A chain hot dip. Galv (new DIN 5685-2)

dimensioni *dimensions* d x t x b mm	GARANZIA TEST FULL TRACTION	peso *weight* ≃ kg/m	matassa *bundle* m	zincata a caldo *hot. dipped galv.* cod.	€/m
3,0 x 16,0 x 11,4	55	0,165	30	CF030AM1030C	2,230
4,0 x 19,0 x 15,2	100	0,300	30	CF040AM1030C	2,815
5,0 x 21,0 x 19,0	165	0,500	30	CF050AM1030C	3,865
6,0 x 24,0 x 22,8	225	0,730	30	CF060AM1030C	5,270
7,0 x 28,0 x 26,6	300	1,000	30	CF070AM1030C	7,180
8,0 x 32,0 x 30,4	400	1,300	30	CF080AM1030C	8,575
10,0 x 40,0 x 38,0	625	2,050	30	CF100AM1030C	12,270

carico limite di lavoro kg *working load limit*

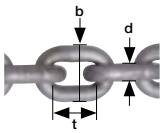


catena DIN 5685/C zincata a caldo (nuova DIN 5685-1)
hot dip. Galv chain DIN 5685/C chain (new DIN 5685-1)

dimensioni *dimensions* d x t x b mm	GARANZIA TEST FULL TRACTION	peso *weight* ≃ kg/m	matassa *bundle* m	zincata a caldo *hot. dipped galv.* cod.	€/m
3,0 x 26,0 x 11,4	55	0,150	30	CF030CM1030C	1,895
3,5 x 28,0 x 13,3	75	0,200	30	CF035CM1030C	2,485
4,0 x 32,0 x 15,2	100	0,270	30	CF040CM1030C	2,580
4,5 x 34,0 x 17,1	125	0,350	30	CF045CM1030C	2,930
5,0 x 35,0 x 19,0	165	0,430	30	CF050CM1030C	3,070
6,0 x 42,0 x 22,8	225	0,630	30	CF060CM1030C	4,360
7,0 x 49,0 x 26,6	300	0,860	30	CF070CM1030C	5,790
8,0 x 52,0 x 30,4	400	1,100	30	CF080CM1030C	7,100
10,0 x 65,0 x 38,0	625	1,750	30	CF100CM1030C	10,795
12,0 x 78,0 x 45,6	900	2,550	20	CF120CM1020C	16,405
13,0 x 82,0 x 49,4	1060	2,950	20	CF130CM1020C	19,140
16,0 x 100,0 x 56,0	2000	4,400	20	CF160CM1020C	28,000
20,0 x 100,0 x 75,0	3000	7,450	20	CF200CM1020C	50,640

carico limite di lavoro kg *working load limit*

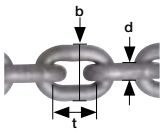
Attenzione: non oltrepassare il limite del Carico di Lavoro - Non usare per sollevamento - **Warning:** *do not exceed working load limit - Do not use for overhead lifting*



catena norma Nf E 26011 zincata a caldo
hot dip. galv chain ref. NF E 26011 norm

dimensioni *dimensions* d x t x b mm	GARANZIA TEST FULL TRACTION	peso *weight* ≃ kg/m	matassa *bundle* m	zincata a caldo *hot. dipped galv.* cod.	€/m
5,0 x 15,0 x 16,5	250	0,545	30	CF050EM1030C	4,220
6,0 x 18,0 x 19,8	360	0,785	30	CF060EM1030C	6,205
7,0 x 21,0 x 23,1	440	1,070	30	CF070EM1030C	7,540
8,0 x 24,0 x 26,4	640	1,400	30	CF080EM1030C	9,260
10,0 x 30,0 x 33,0	1000	2,185	30	CF100EM1030C	13,550
12,0 x 36,0 x 39,6	1445	3,145	15	CF120EM1015C	22,845
14,0 x 42,0 x 46,2	1970	4,280	15	CF140EM1015C	30,860
16,0 x 48,0 x 52,8	2570	5,590	15	CF160EM1015C	38,835

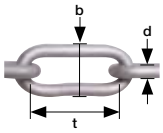
carico limite di lavoro kg *working load limit*



catena norma DIN 766 zincata a caldo (nuova DIN 5685-3)
hot dip. galv chain ref. DIN 766 norm *(new DIN 5685-3)*

dimensioni *dimensions* d x t x b mm	GARANZIA TEST FULL TRACTION	peso *weight* ≃ kg/m	matassa *bundle* m	zincata a caldo *hot. dipped galv.* cod.	€/m
4,0 x 16,0 x 12,8	150	0,310	30	CF0406M1030C	3,085
5,0 x 18,5 x 16,0	250	0,500	30	CF0506M1030C	3,880
6,0 x 18,5 x 19,2	350	0,770	30	CF0606M1030C	6,145
7,0 x 22,0 x 22,4	450	1,040	30	CF0706M1030C	7,395
8,0 x 24,0 x 25,6	640	1,400	30	CF0806M1030C	9,305
10,0 x 28,0 x 32,0	900	2,225	30	CF1006M1030C	14,005
13,0 x 36,0 x 41,6	1600	3,780	15	CF1306M1015C	27,645
14,0 x 41,0 x 44,8	1900	4,280	15	CF1406M1015C	40,820
16,0 x 45,0 x 51,2	2500	5,685	15	CF1606M1015C	39,250

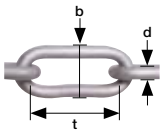
carico limite di lavoro kg *working load limit*



catena norma DIN 763 zincata a caldo
hot dip. galv chain ref. DIN 763 norm

dimensioni *dimensions* d x t x b mm	GARANZIA TEST FULL TRACTION	peso *weight* ≃ kg/m	matassa *bundle* m	zincata a caldo *hot. dipped galv.* cod.	€/m
4,0 x 32,0 x 15,2	150	0,270	30	CF0403M1030E	2,640
5,0 x 35,0 x 19,0	210	0,430	30	CF0503M1030E	3,140
6,0 x 42,0 x 22,8	270	0,630	30	CF0603M1030E	4,450
7,0 x 49,0 x 26,6	350	0,860	30	CF0703M1030E	5,910
8,0 x 52,0 x 30,4	460	1,100	30	CF0803M1030E	7,250
10,0 x 65,0 x 38,0	700	1,750	30	CF1003M1030E	11,025
13,0 x 82,0 x 49,4	1200	2,950	15	CF1303M1015E	20,190
16,0 x 100,0 x 60,8	2200	4,450	15	CF1603M1015E	29,540

carico limite di lavoro kg *working load limit*



catena norma ISO 4565 zincata a caldo
hot dip. galv chain ref. ISO 4565 NORM

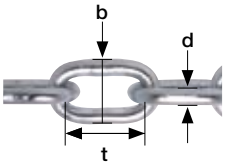
dimensioni *dimensions* d x t x b mm	GARANZIA TEST FULL TRACTION	peso *weight* ≃ kg/m	matassa *bundle* m	zincata a caldo *hot. dipped galv.* cod.	€/m
6,0 x 18,0 x 22,0	450	0,700	AR	CF060à1025C	AR
8,0 x 24,0 x 26,0	800	1,250	AR	CF080à1025C	AR
10,0 x 30,0 x 33,5	1250	2,000	AR	CF100à1025C	AR
12,0 x 36,0 x 40,2	1650	2,950	AR	CF120à1025C	AR

carico limite di lavoro kg *working load limit*

NAUTA

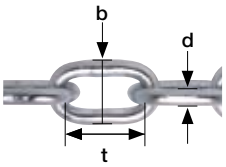
AR: A RICHIESTA - *ON REQUIRED*

AREF



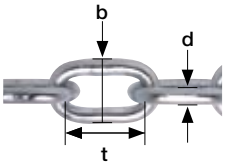
catena per impianti zootecnici
chain for zootechnics systems

dimensioni *dimensions* d x t x b mm	GARANZIA TEST FULL TRACTION	peso *weight* ≃ kg/m	acciaio cementato *alloy steel hardened* cod.	€/m	aisi 304L cod.	€/m	aisi 316L cod.	€/m
6 x 27,5 x 21,0	450 carico limite di lavoro kg *working load limit*	0,640	CF060òQ1030	AR	CX060òQ1030	AR	CX060òQ1030	AR
6 x 32,0 x 21,0	450	0,625	CF061òQ1030	AR	CX061òQ1030	AR	CX061òQ1030	AR



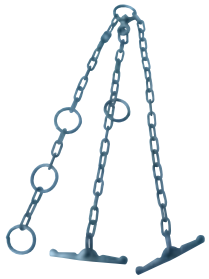
catena per trasporto industria alimentare
conveyor chain for industrial food

dimensioni *dimensions* d x t x b mm	GARANZIA TEST FULL TRACTION	peso *weight* ≃ kg/m	acciaio cementato *alloy steel hardened* cod.	€/m	BLUCROM cod.	€/m
8 x 25,4 x 26,2	800 carico limite di lavoro kg *working load limit*	1,260	CF080ìQ1025	AR	CF080ìQ1025E	AR



catena per pulizia stalle
chain for cleaning cow stable

dimensioni *dimensions* d x t x b mm	peso *weight* ≃ kg/m	acciaio cementato *alloy steel hardened* cod.	€/m
8,0 x 38 x 29,5	1,150	CF080èQ1030	AR
10,0 x 38 x 34,0	1,875	CF100èQ1030	AR
12,0 x 38 x 40,0	2,850	CF100èQ1030	AR



legami 3 capi catena a maglia genovese
Links for cattle genoese chain

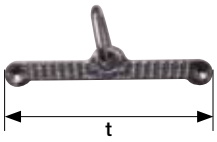
numero *number*	*diametro* *diameter*	peso *weight*	lucidi *bright*		BLUCROM	
	mm	Kg/cad. *Kg/PC*	*cod.*	€/cad. *€/PC*	*cod.*	€/cad. *€/PC*
18	3,5	0,490	LEGGEN3CLUC18	12,215	LEGGEN3CZIN18	12,625
19	4,0	0,650	LEGGEN3CLUC19	14,215	LEGGEN3CZIN19	14,765
20	4,5	0,820	LEGGEN3CLUC20	18,200	LEGGEN3CZIN20	18,895
21	5,0	1,040	LEGGEN3CLUC21	19,380	LEGGEN3CZIN21	20,550
22	5,5	1,300	LEGGEN3CLUC22	21,990	LEGGEN3CZIN22	23,080
23	6,0	1,650	LEGGEN3CLUC23	24,035	LEGGEN3CZIN23	25,425
24	6,5	1,970	LEGGEN3CLUC24	27,770	LEGGEN3CZIN24	29,430
25	7,0	2,400	LEGGEN3CLUC25	32,235	LEGGEN3CZIN25	34,255
26	7,5	2,950	LEGGEN3CLUC26	42,510	LEGGEN3CZIN26	44,995

legami 3 capi catena a maglia ritorta
Links for cattle twisted chain

numero *number*	*diametro* *diameter*	peso *weight*	lucidi *bright*		BLUCROM	
	mm	Kg/cad. *Kg/PC*	*cod.*	€/cad. *€/PC*	*cod.*	€/cad. *€/PC*
17	3,0	0,265	LEGPRU3CLUC17	11,525	LEGPRU3CZIN17	11,745
18	3,5	0,500	LEGPRU3CLUC18	11,995	LEGPRU3CZIN18	12,415
19	4,0	0,670	LEGPRU3CLUC19	13,625	LEGPRU3CZIN19	14,190
20	4,5	0,836	LEGPRU3CLUC20	17,715	LEGPRU3CZIN20	18,420
21	5,0	1,020	LEGPRU3CLUC21	19,420	LEGPRU3CZIN21	20,280
22	5,5	1,350	LEGPRU3CLUC22	21,935	LEGPRU3CZIN22	23,075
23	6,0	1,650	LEGPRU3CLUC23	24,135	LEGPRU3CZIN23	25,525
24	6,5	2,000	LEGPRU3CLUC24	28,285	LEGPRU3CZIN24	29,670
25	7,0	2,300	LEGPRU3CLUC25	33,910	LEGPRU3CZIN25	35,845
26	7,5	3,000	LEGPRU3CLUC26	43,605	LEGPRU3CZIN26	46,135

givolari zincati
zinc-plated loose ring swivel

numero *number*	*diametro* *diameter*		€/scatola *€/box*	pz./sacchetto *PCS/bag*	€/cad. *€/PC*
	d mm	*cod.*			
21	5,0	GIVZINCEL5	30,500	10	3,050
23	6,0	GIVZINCEL6	33,200	10	3,320
25	7,0	GIVZINCEL7	42,700	10	4,270
27	8,0	GIVZINCEL8	45,050	10	4,505



traversini zincati
zinc-plated toggle

lunghezza *lenght*		€/sacchetto *€/bag*	pz./sacchetto *PCS/bag*	€/cad. *€/PC*
L mm	*cod.*			
100	TRAVZINCEL100	22,100	10	2,210
120	TRAVZINCEL120	29,600	10	2,960
135	TRAVZINCEL135	37,750	10	3,775

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