

AREF

CATENE TRAZIONATE GARANTITE



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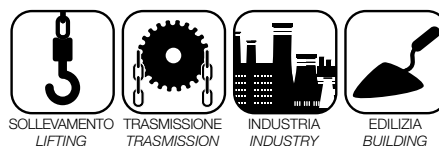
TecnØ

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



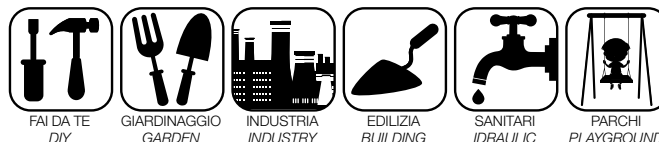
TecnØTESTED

CATENE ED ACCESSORI
PER IL SOLLEVAMENTO
LIFTING CHAIN AND FITTINGS



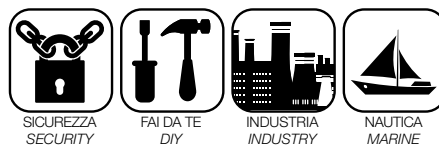
SHOP

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



SAFETY

CATENE DI SICUREZZA
SAFETY CHAINS



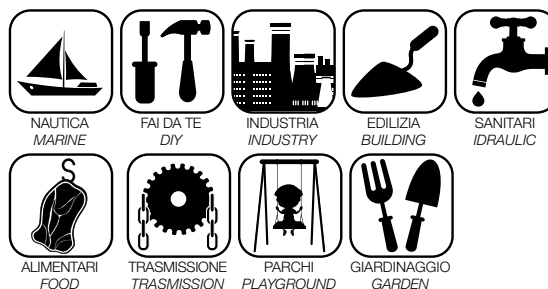
CITY

CATENE PER ARREDO URBANO
STREET FURNITURE



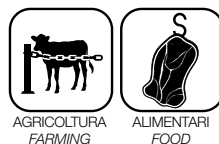
NAUTA

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



RANCH

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





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'innovazione 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.

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.



ISO 9001: 2015



**CERTIFICATE
No. Z1 en 3D N 02 83367 001**





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



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 longitudinal 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



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



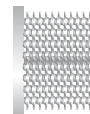
MATASSA
BUNDLE



SCATOLA
BOX



BOBINA
REEL



scatola box	dimensioni dimensions cm	Bobina Reel	Dimensioni dimensions d x l (mm)
SC2	15 x 24 x 36	A30	200 x 315
SC1	12 x 22 x 22	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.*

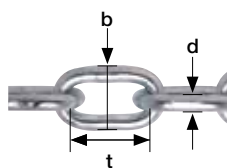
The dimensions and values indicated herein are as accurate as possible at the time of print. However, they are subject to change without notice due to the continuous improvements in quality and product development.



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

TecnØ

catena genovese genoise chain



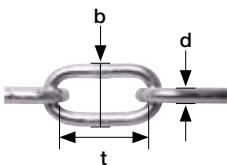
numero number	dimensioni dimensions	peso weight	matassa bundle	GARANZIA TEST FULL TRACTION	lucida bright			
					BLUCR-AM		BLUCR-AM	
	d x t x b mm	± kg/m	m		cod.	€/m	cod.	€/m
10	1,5 x 12,8 x 6,8	0,039	50	8	CF015GN1050	0,985	CF015GM1050E	1,025
12	1,6 x 13,0 x 7,2	0,043	50	15	CF016GN1050	1,030	CF016GM1050E	1,080
13	2,0 x 13,8 x 9,0	0,064	50	20	CF020GN1050	1,185	CF020GM1050E	1,265
14	2,2 x 15,6 x 10,2	0,088	75	25	CF022GN1075	1,310	CF022GM1075E	1,435
15	2,4 x 16,0 x 10,8	0,100	75	30	CF024GN1075	1,470	CF024GM1075E	1,630
16	2,7 x 17,5 x 12,2	0,130	75	40	CF027GN1075	1,740	CF027GM1075E	1,945
17	3,0 x 19,0 x 13,0	0,160	75	55	CF030GN1075	1,880	CF030GM1075E	2,065
18	3,4 x 20,0 x 12,8	0,210	75	100	CF034GN1075	2,420	CF034GM1075E	2,630
19	4,0 x 21,5 x 15,3	0,275	75	110	CF040GN1075	2,835	CF040GM1075E	3,085
20	4,4 x 21,8 x 16,6	0,355	50	200	CF044GN1050	3,390	CF044GM1050E	3,650
21	5,0 x 24,0 x 18,2	0,440	50	250	CF050GN1050	4,315	CF050GM1050E	4,515
22	5,5 x 25,0 x 20,0	0,540	40	300	CF055GN1040	5,160	CF055GM1040E	5,405
23	6,0 x 28,0 x 22,2	0,655	30	310	CF060GN1030	6,000	CF060GM1030E	6,345
24	6,5 x 29,5 x 24,0	0,780	25	400	CF065GN1025	7,100	CF065GM1025E	7,515
25	7,0 x 31,0 x 26,5	0,950	25	450	CF070GN1025	8,040	CF070GM1025E	8,510
26	7,5 x 31,5 x 28,0	1,100	25	550	CF075GN1025	9,340	CF075GM1025E	9,925
27	8,0 x 35,0 x 29,8	1,250	25	600	CF080GN1025	10,530	CF080GM1025E	11,235
28	9,0 x 37,0 x 34,0	1,500	25	800	CF090GN1025	13,460	CF090GM1025E	14,385
30	10,0 x 40,0 x 37,0	1,950	25	1000	CF100GN1025	16,820	CF100GM1025E	18,045
32	12,0 x 47,5 x 44,5	2,850	25	1400	CF120GN1025	24,155	CF120GM1025E	26,115
34	14,0 x 56,0 x 51,0	4,150	20	1800	CF140GN1020	33,785	CF140GM1020E	37,275
36	16,0 x 56,0 x 54,0	5,300	20	2500	CF160GN1020	45,620	CF160GM1020E	50,300
38	18,0 x 63,0 x 60,0	6,700	20	3500	CF180GN1020	58,945	CF180GM1020E	64,170
40	20,0 x 70,0 x 67,0	8,100	20	4300	CF200GN1020	74,250	CF200GM1020E	80,800

carico
limite di
lavoro
kg
working
load
limit

Tolleranze come da tabelle DIN 5685-2 - Tolerances as DIN 5685-2 norms

catena usuale usual chain

norma VSM
VSM norm

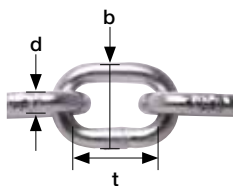


dimensioni dimensions	peso weight	matassa bundle	GARANZIA TEST FULL TRACTION	lucida bright			
				BLUCR-AM		BLUCR-AM	
d x t x b mm	± kg/m	m		cod.	€/m	cod.	€/m
2,0 x 21,0 x 10,0	0,071	50	20	CF020UN1050	1,200	CF020UM1050E	1,350
2,5 x 22,0 x 11,5	0,109	50	35	CF025UN1050	1,570	CF025UM1050E	1,750
3,0 x 23,0 x 13,0	0,170	50	65	CF030UN1050	1,900	CF030UM1050E	2,200
3,5 x 24,0 x 15,0	0,232	50	85	CF035UN1050	2,550	CF035UM1050E	2,900
4,0 x 26,0 x 17,0	0,292	50	150	CF040UN1050	2,950	CF040UM1050E	3,400
4,5 x 28,0 x 19,0	0,379	50	200	CF045UN1050	3,750	CF045UM1050E	4,180
5,0 x 30,0 x 21,0	0,456	50	250	CF049UN1050	4,450	CF049UM1050E	4,780
6,0 x 34,0 x 25,0	0,683	40	350	CF060UN1040	6,554	CF060UM1040E	6,915
6,5 x 36,0 x 27,0	0,842	25	400	CF065UN1025	7,667	CF065UM1025E	8,250
7,0 x 39,0 x 29,0	0,948	25	450	CF070UN1025	8,617	CF070UM1025E	9,250
8,0 x 45,0 x 33,0	1,169	25	600	CF080UN1025	10,600	CF080UM1025E	11,250
10,0 x 53,0 x 39,0	1,991	25	900	CF100UN1025	17,500	CF100UM1025E	18,000
12,0 x 61,0 x 47,0	3,000	25	1100	CF120UN1025	29,000	CF120UM1025E	31,000
14,0 x 62,0 x 55,0	3,800	20	1500	CF140UN1020	40,000	CF140UM1020E	41,000

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

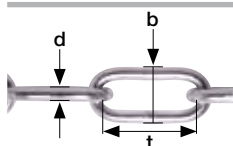


catena DIN 5685/A
DIN 5685/A chain

(nuova DIN 5685-2)
(new DIN 5685-2)



dimensioni dimensions	peso weight	matassa bundle	GARANZIA TEST FULL TRACTION	carico limite di lavoro kg working load limit	lucida bright			
					cod.	€/m	cod.	€/m
3,0 x 16,0 x 11,4	0,165	30	55		CF030AN1030	2,100	CF030AM1030E	2,375
4,0 x 19,0 x 15,2	0,300	30	100		CF040AN1030	3,100	CF040AM1030E	3,460
5,0 x 21,0 x 19,0	0,500	30	165		CF050AN1030	4,810	CF050AM1030E	5,200
6,0 x 24,0 x 22,8	0,730	30	225		CF060AN1030	6,725	CF060AM1030E	7,200
7,0 x 28,0 x 26,6	1,000	30	300		CF070AN1030	8,690	CF070AM1030E	9,300
8,0 x 32,0 x 30,4	1,300	30	400		CF080AN1030	11,200	CF080AM1030E	11,900
10,0 x 40,0 x 38,0	2,050	30	625		CF100AN1030	17,200	CF100AM1030E	18,500

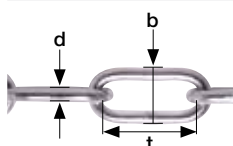


catena DIN 5685/C
DIN 5685/C chain

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



dimensioni dimensions	peso weight	matassa bundle	GARANZIA TEST FULL TRACTION	carico limite di lavoro kg working load limit	lucida bright			
					cod.	€/m	cod.	€/m
2,5 x 24,0 x 9,5	0,100	30	30		CF025CN1030	1,345	CF025CM1030E	1,520
3,0 x 26,0 x 11,4	0,150	30	55		CF030CN1030	1,760	CF030CM1030E	1,980
3,5 x 28,0 x 13,3	0,200	30	75		CF035CN1030	2,195	CF035CM1030E	2,435
4,0 x 32,0 x 15,2	0,270	30	100		CF040CN1030	2,690	CF040CM1030E	2,950
4,5 x 34,0 x 17,1	0,350	30	125		CF045CN1030	3,130	CF045CM1030E	3,360
5,0 x 35,0 x 19,0	0,430	30	165		CF050CN1030	3,745	CF050CM1030E	3,935
6,0 x 42,0 x 22,8	0,630	30	225		CF060CN1030	5,240	CF060CM1030E	5,465
7,0 x 49,0 x 26,6	0,860	30	300		CF070CN1030	6,900	CF070CM1030E	7,200
8,0 x 52,0 x 30,4	1,100	30	400		CF080CN1030	9,025	CF080CM1030E	9,425
10,0 x 65,0 x 38,0	1,750	30	625		CF100CN1030	14,190	CF100CM1030E	14,835
12,0 x 78,0 x 45,6	2,550	20	900		CF120CN1020	21,520	CF120CM1020E	22,450
13,0 x 82,0 x 49,4	2,950	20	1060		CF130CN1020	27,000	CF130CM1020E	28,250

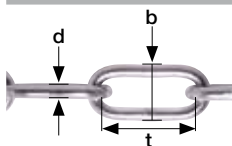


catena a maglia lunga
long link chain

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



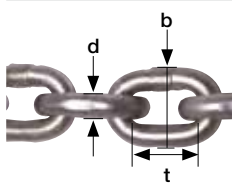
dimensioni dimensions	peso weight	matassa bundle	GARANZIA TEST FULL TRACTION	carico limite di lavoro kg working load limit	lucida bright	
					cod.	€/m
16,0 x 100,0 x 56,0	16,000	20	2000		CF160CN1020	38,225
20,0 x 100,0 x 75,0	20,000	20	3000		CF200CN1020	60,160



catena norma DIN 763
chain ref. DIN 763 norm



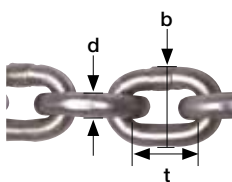
dimensioni dimensions			peso weight	matassa bundle	GARANZIA TEST FULL TRACTION	lucida bright			
d x t x b mm	≈ kg/m	m		cod.		€/m	cod.	€/m	
4,0 x 32,0 x 15,2	0,270	30	150	carico limite di lavoro kg working load limit	CF0403N1030	2,845	CF0403M1030E	3,015	
5,0 x 35,0 x 19,0	0,430	30	210		CF0503N1030	3,900	CF0503M1030E	4,050	
6,0 x 42,0 x 22,8	0,630	30	270		CF0603N1030	5,350	CF0603M1030E	5,605	
7,0 x 49,0 x 26,6	0,860	30	350		CF0703N1030	7,000	CF0703M1030E	7,415	
8,0 x 52,0 x 30,4	1,100	30	460		CF0803N1030	9,220	CF0803M1030E	9,665	
10,0 x 65,0 x 38,0	1,750	30	700		CF1003N1030	14,500	CF1003M1030E	15,215	
13,0 x 82,0 x 49,4	2,950	15	1200		CF1303N1015	27,500	CF1303M1015E	28,750	
16,0 x 100,0 x 60,8	4,450	15	2200		CF1603N1015	39,000	CF1603M1015E	42,000	



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



dimensioni dimensions			peso weight	matassa bundle	GARANZIA TEST FULL TRACTION	lucida bright			
d x t x b mm	≈ kg/m	m		cod.		€/m	cod.	€/m	
4,0 x 16,0 x 12,8	0,320	30	150	carico limite di lavoro kg working load limit	CF0406N1030	3,290	CF0406M1030E	3,580	
5,0 x 18,5 x 16,0	0,500	30	250		CF0506N1030	4,835	CF0506M1030E	5,050	
6,0 x 18,5 x 19,2	0,800	30	350		CF0606N1030	7,175	CF0606M1030E	7,455	
7,0 x 22,0 x 22,4	1,100	30	450		CF0706N1030	9,020	CF0706M1030E	9,380	
8,0 x 24,0 x 25,6	1,400	30	630		CF0806N1030	11,865	CF0806M1030E	12,375	
10,0 x 28,0 x 32,0	2,300	30	900		CF1006N1030	18,250	CF1006M1030E	19,070	
13,0 x 36,0 x 41,6	3,900	15	1600		CF1306N1015	35,850	CF1306M1015E	37,565	
14,0 x 41,0 x 44,8	4,400	15	1900		CF1406N1015	50,385	CF1406M1015E	52,800	



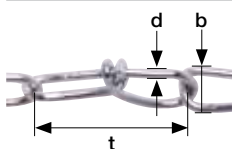
catena norma ISO 4565
chain ref. ISO 4565 norm



dimensioni dimensions			peso weight	matassa bundle	GARANZIA TEST FULL TRACTION	lucida bright			
d x t x b mm	≈ kg/m	m		cod.		€/m	cod.	€/m	
6,0 x 18,0 x 22,0	0,700	30	450	carico limite di lavoro kg working load limit	CF060aN1030	AR	CF060aM1030E	AR	
8,0 x 24,0 x 26,0	1,250	30	800		CF080aN1030	AR	CF080aM1030E	AR	
10,0 x 30,0 x 33,5	2,000	30	1250		CF100aN1030	AR	CF100aM1030E	AR	
12,0 x 36,0 x 40,2	2,950	15	1650		CF120aN1015	AR	CF120aM1015E	AR	



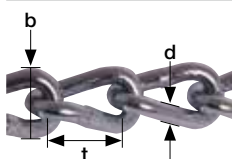
AR: A RICHIESTA - ON REQUIRED



catena Vittoria norma DIN 5686 double loop chain DIN 5686 NORM



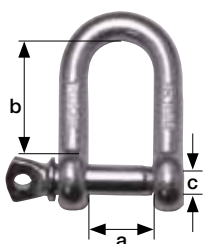
dimensioni dimensions			peso weight	matassa bundle	GARANZIA TEST FULL TRACTION		BLUCR-CAV	
d x t x b mm	≈ kg/m	m				cod.	€/m	
1,5 x 20,0 x 6,3	0,048	25	20	carico limite di lavoro kg working load limit	FULL TRACTION	CF015VM1025E	1,180	
1,6 x 23,0 x 7,2	0,054	25	25			CF016VM1025E	1,250	
1,8 x 25,0 x 8,0	0,069	25	32			CF018VM1025E	1,430	
2,0 x 28,0 x 9,0	0,087	25	41			CF020VM1025E	1,545	
2,2 x 31,0 x 10,0	0,102	25	52			CF022VM1025E	1,745	
2,4 x 35,0 x 11,0	0,120	25	60			CF024VM1025E	2,095	
2,8 x 39,0 x 12,5	0,150	25	70			CF028VM1025E	2,480	
3,0 x 41,0 x 14,0	0,200	25	91			CF030VM1025E	2,810	



catena genovese ritorta genovese twisted chain

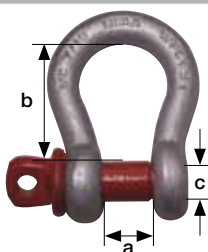


numero number	dimensioni dimensions			peso weight	matassa bundle	GARANZIA TEST FULL TRACTION		lucida bright		BLUCR-CAV	
	d x t x b mm	≈ kg/m	m					cod.	€/m	cod.	€/m
18	3,4 x 20,0 x 12,8	0,250	75	75	carico limite di lavoro kg working load limit	FULL TRACTION	BLUCR-CAV	CF034RN1075	3,255	CF034RM1075E	3,820
19	4,0 x 21,5 x 15,3	0,360	75	100				CF040RN1075	4,255	CF040RM1075E	4,755
20	4,4 x 21,8 x 16,6	0,455	50	125				CF044RN1050	5,330	CF044RM1050E	5,815
21	5,0 x 24,0 x 18,2	0,570	50	165				CF050RN1050	7,120	CF050RM1050E	7,620
22	5,5 x 25,0 x 20,0	0,685	40	185				CF055RN1040	8,075	CF055RM1040E	8,610
23	6,0 x 28,0 x 22,2	0,825	30	225				CF060RN1030	9,155	CF060RM1030E	9,770
24	6,5 x 29,5 x 24,0	0,965	25	265				CF065RN1025	10,675	CF065RM1025E	11,425
25	7,0 x 31,0 x 26,5	1,295	25	300				CF070RN1025	12,620	CF070RM1025E	13,520
26	7,5 x 31,5 x 28,0	1,440	25	350	CF075RN1025	14,780	CF075RM1025E	15,870			



grilli zincati
zinc plated straight shackles

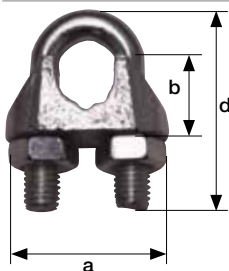
misure size		dimensioni dimensions		€/cad. €/PC	
mm	pollici	a x b x c mm		cod.	
5	3/16	10,0	21,0 x 5,0	GRIDZINCEL5	0,800
6	1/4	13,0	28,0 x 6,0	GRIDZINCEL6	0,865
8	5/16	16,0	36,0 x 8,0	GRIDZINCEL8	1,360
10	3/8	19,0	43,0 x 10,0	GRIDZINCEL10	2,020
12	1/2	25,0	57,0 x 12,0	GRIDZINCEL12	3,305
14	9/16	28,0	64,0 x 14,0	GRIDZINCEL14	4,900
16	5/8	32,0	72,0 x 16,0	GRIDZINCEL16	6,700
18	11/16	37,0	74,0 x 18,0	GRIDZINCEL18	9,500
20	3/4	38,0	86,0 x 20,0	GRIDZINCEL20	12,300



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

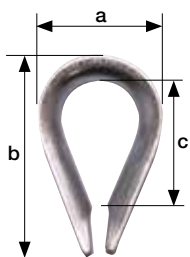
misure size		dimensioni dimensions		GARANZIA TEST FULL TRACTION	€/cad. €/PC	
mm	pollici	a x b x c mm		kg	cod.	
6	1/4	12,0	28,5 x 6,0	500	GRICZINCAL6	2,600
8	5/16	13,5	31,0 x 8,0	750	GRICZINCAL8	3,285
10	3/8	16,8	36,6 x 10,0	1000	GRICZINCAL10	5,180
11	7/16	19,1	42,9 x 11,0	1500	GRICZINCAL11	6,600
12	1/2	20,6	47,8 x 12,0	2000	GRICZINCAL12	9,550
16	5/8	26,9	60,5 x 16,0	3250	GRICZINCAL16	14,670
20	3/4	31,8	71,4 x 20,0	4750	GRICZINCAL20	20,390
22	7/8	36,6	84,1 x 22,0	6500	GRICZINCAL22	30,000
24	1	42,9	95,3 x 24,0	8500	GRICZINCAL24	45,000

carico limite di lavoro kg working load limit



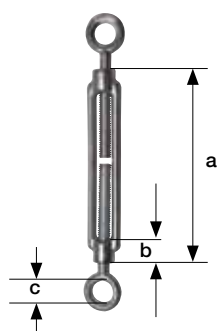
morsetti a cavalletto zincati
zinc plated wire rope clips

misure size		dimensioni dimensions		€/cad. €/PC	
mm	pollici	a x b x c x d mm		cod.	
3	1/8	21,0	8,0 x 4,0 x 20,0	MORZINCEL3	0,205
5	3/16	24,0	9,0 x 5,0 x 24,0	MORZINCEL5	0,250
6	1/4	29,0	9,0 x 6,0 x 34,0	MORZINCEL6	0,305
8	5/16	33,0	12,0 x 6,0 x 35,0	MORZINCEL8	0,460
10	3/8	37,0	13,0 x 8,0 x 42,0	MORZINCEL10	0,855
11	7/16	43,0	15,0 x 8,0 x 46,0	MORZINCEL11	0,970
12	1/2	45,0	16,0 x 10,0 x 56,0	MORZINCEL12	1,535
14	9/16	46,0	17,0 x 10,0 x 56,0	MORZINCEL14	1,630
16	5/8	54,0	20,0 x 10,0 x 64,0	MORZINCEL16	2,480
20	3/4	61,0	21,0 x 12,0 x 77,0	MORZINCEL20	3,000



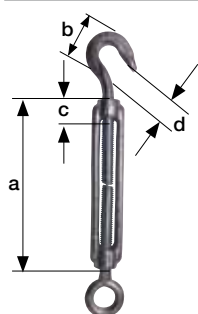
redance zincate
zinc plated thimbles

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	0,275
4		11,5 x 28,0 x 17,0	REDZINCEL4	0,295
5		14,0 x 36,0 x 21,0	REDZINCEL5	0,350
6		17,0 x 40,0 x 23,0	REDZINCEL6	0,385
8		19,0 x 48,0 x 30,0	REDZINCEL8	0,475
10		22,0 x 55,0 x 34,0	REDZINCEL10	0,700
12		26,0 x 65,0 x 42,0	REDZINCEL12	0,900
14		30,0 x 78,0 x 50,0	REDZINCEL14	1,500
16		36,0 x 90,0 x 60,0	REDZINCEL16	2,150



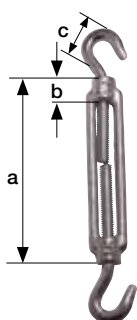
tenditori zincati a due occhi
zinc plated turnbuckles eye and eye

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	1,935
6	1/4	80,0 x 11,0 x 10,0	TENOOZINCEL6	2,095
8	5/16	109,0 x 14,0 x 12,0	TENOOZINCEL8	2,740
10	3/8	130,0 x 20,0 x 13,0	TENOOZINCEL10	3,850
12	1/2	136,0 x 23,0 x 15,0	TENOOZINCEL12	6,170
14	9/16	140,0 x 24,0 x 16,0	TENOOZINCEL14	9,205
16	5/8	170,0 x 26,0 x 18,0	TENOOZINCEL16	12,680
18	11/16	190,0 x 28,0 x 25,0	TENOOZINCEL18	18,125
20	3/4	220,0 x 33,0 x 27,0	TENOOZINCEL20	22,790



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	1,935
6	1/4	80,0 x 22,0 x 11,0 x 7,0	TENOGZINCEL6	2,095
8	5/16	109,0 x 30,0 x 14,0 x 9,0	TENOGZINCEL8	2,740
10	3/8	130,0 x 36,0 x 20,0 x 12,0	TENOGZINCEL10	3,850
12	1/2	136,0 x 42,0 x 23,0 x 13,0	TENOGZINCEL12	6,170
14	9/16	140,0 x 48,0 x 24,0 x 15,0	TENOGZINCEL14	9,205
16	5/8	170,0 x 53,0 x 26,0 x 15,0	TENOGZINCEL16	12,680
18	11/16	190,0 x 58,0 x 28,0 x 16,0	TENOGZINCEL18	18,125
20	3/4	220,0 x 82,0 x 33,0 x 23,0	TENOGZINCEL20	22,790



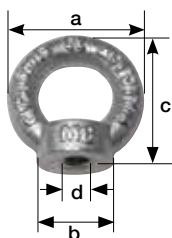
tenditori zincati a due ganci
zinc plated turnbuckles hook and hook

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	1,935
6	1/4	80,0 x 22,0 x 11,0	TENGGZINCEL6	2,095
8	5/16	109,0 x 30,0 x 14,0	TENGGZINCEL8	2,740
10	3/8	130,0 x 36,0 x 20,0	TENGGZINCEL10	3,850
12	1/2	136,0 x 42,0 x 23,0	TENGGZINCEL12	6,170
14	9/16	140,0 x 48,0 x 24,0	TENGGZINCEL14	9,205
16	5/8	170,0 x 53,0 x 26,0	TENGGZINCEL16	12,680
18	11/16	190,0 x 58,0 x 28,0	TENGGZINCEL18	18,125
20	3/4	220,0 x 82,0 x 33,0	TENGGZINCEL20	22,790



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
8		36,0 x 20,0 x 15,0 x	8,0	GOLMASZIN8
10		45,0 x 25,0 x 18,0 x	10,0	GOLMASZIN10
12		54,0 x 30,0 x 22,0 x	12,0	GOLMASZIN12
14		54,0 x 30,0 x 22,0 x	14,0	GOLMASZIN14
16		63,0 x 35,0 x 26,0 x	16,0	GOLMASZIN16
18		70,0 x 38,0 x 28,0 x	16,0	GOLMASZIN18
20		76,0 x 42,0 x 30,0 x	20,0	GOLMASZIN20



golfari femmina zincati
zinc. plated eye nuts

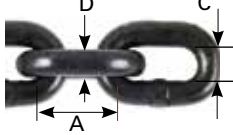
misure size		dimensioni dimensions		€/cad. €/PC
mm	pollici	a x b x c x d	mm	cod.
6		36,0 x 20,0 x 36,0 x	6,0	GOLFEMZIN6
8		36,0 x 20,0 x 36,0 x	8,0	GOLFEMZIN8
10		45,0 x 25,0 x 45,0 x	10,0	GOLFEMZIN10
12		54,0 x 30,0 x 53,0 x	12,0	GOLFEMZIN12
14		54,0 x 35,0 x 53,0 x	14,0	GOLFEMZIN14
16		63,0 x 35,0 x 62,0 x	16,0	GOLFEMZIN16
18		76,0 x 40,0 x 75,0 x	18,0	GOLFEMZIN18
20		76,0 x 40,0 x 75,0 x	18,0	GOLFEMZIN20

CATENE ED ACCESSORI PER IL SOLLEVAMENTO
LIFTING CHAINS

TUTTI I COMPONENTI SONO PRODOTTI IN ITALIA O DI PROVENIENZA CE

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

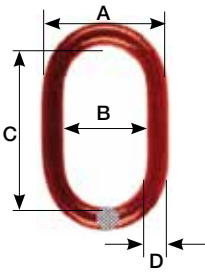
TecnO TESTED



catena grado 80 Verniciata nera G80 / Chain Black color
Caratteristiche secondo EN 818-2 / Characteristics according to EN 818-2
Fattore di sicurezza 4:1 / Safety factor 4:1



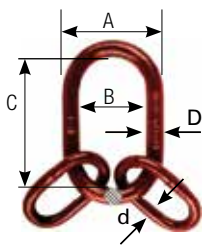
dimensioni size			peso weight	carico di prova proof load	carico di rottura breaking load	TecnO TESTED	matassa bundle			
D mm	A mm	C mm	Kg/m Kg/m	KN	KN		cod.	m	€/m	
6,0	18,0	8,5	0,800	28,300	45,200	1120	carico limite di lavoro kg	CZ060NN1100	100	AR
8,0	24,0	10,4	1,400	50,300	80,400	2000	working load limit	CZ080NN1100	100	AR
10,0	30,0	13,0	2,200	78,500	126,000	3200		CZ100NN1100	100	AR
13,0	39,0	16,9	3,800	133,000	212,000	5400		CZ130NN1050	50	AR



Anellone ovale DIN 5686-3 / master link DIN 5686-3
Fattore di sicurezza 4:1 / Safety factor 4:1



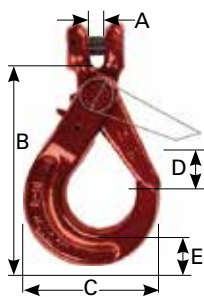
Dmm	A mm	B mm	C mm	Kg/cad. Kg/PC	1 braccio 1 legs	2 bracci 2 legs	TecnO TESTED	€/cad. €/PC		
				Ø mm	Ø mm					
13,0	86,0	60,0	110,0	0,34	6,0-7,0	6,0	1600	carico limite di lavoro kg	BELLVERN13	AR
16,0	92,0	60,0	110,0	0,53	8,0	7,0	2120	working load limit	BELLVERN16	AR
18,0	111,0	75,0	135,0	0,80	10,0	8,0	3150		BELLVERN18	AR
22,0	134,0	90,0	160,0	1,50	13,0	10,0	5300		BELLVERN22	AR



Anellone assembly DIN 5688-3 / master link assembly DIN 5686-3
Fattore di sicurezza 4:1 / Safety factor 4:1



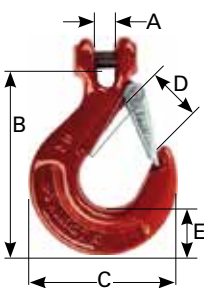
D - d mm	A mm	B mm	C mm	Kg/cad. Kg/PC	3-4 bracci 3-4 legs	TecnO TESTED	€/cad. €/PC		
					Ø mm				
18-13	111,0	75,0	135,0	1,16	6,0-7,0	3150	carico limite di lavoro kg	BELLVERN18AS	AR
22-16	134,0	90,0	160,0	2,22	8,0	4250	working load limit	BELLVERN22AS	AR
26-18	152,0	100,0	180,0	3,36	10,0	6700		BELLVERN26AS	AR
32-22	174,0	110,0	200,0	6,02	13,0	11200		BELLVERN32AS	AR



Gancio self locking clevis - grado 80
G80 clevis self locking hook
Fattore di sicurezza 4:1 / Safety factor 4:1



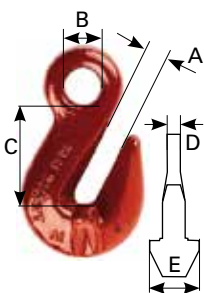
misura catene mm chain size mm							Kg/cad. Kg/PC	TecnO TESTED	carico limite di lavoro kg working load limit	€/cad. €/PC	
mm	A mm	B mm	C mm	D mm	E mm		cod.				
7-8	9,0	143,0	86,0	38,0	21,0	0,870	2000	GANLOCCLEV8 GANLOCCLEV10 GANLOCCLEV13	AR AR AR		
10	12,0	174,0	110,0	47,0	25,0	1,710	3200				
13	15,0	229,0	137,0	67,0	32,0	3,150	5400				



Gancio sling clevis con sicurezza - grado 80
G80 clevis sling hook with latch
Fattore di sicurezza 4:1 / Safety factor 4:1



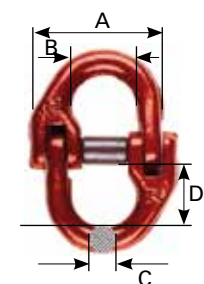
misura catene mm chain size mm							Kg/cad. Kg/PC	TecnO TESTED	carico limite di lavoro kg working load limit	€/cad. €/PC	
mm	A mm	B mm	C mm	D mm	E mm		cod.				
6	6,5	108	68,0	20,5	21,5	0,300	1120	GANCLEVSIC6 GANCLEVSIC8 GANCLEVSIC10 GANCLEVSIC13	AR AR AR AR		
7-8	9,5	120,0	96,0	30,0	26,5	0,630	2000				
10	11,5	144,0	117,0	37,0	32,5	1,250	3200				
13	15,0	181,0	151,0	50,0	42,0	2,100	5400				



Gancio accorciatore ad occhiolo - grado 80
G80 eye grab shortening hook
Fattore di sicurezza 4:1 / Safety factor 4:1



misura catene mm chain size mm							Kg/cad. Kg/PC	TecnO TESTED	carico limite di lavoro kg working load limit	€/cad. €/PC	
mm	A mm	B mm	C mm	D mm	E mm		cod.				
6	7,5	14,0	46,0	-	-	0,140	1120	GANACCOCC6 GANACCOCC8 GANACCOCC10 GANACCOCC13	AR AR AR AR		
7-8	10,5	17,0	47,0	10,5	28,0	0,270	2000				
10	13,5	23,0	60,0	15,0	43,0	0,730	3200				
13	15,5	26,5	71,0	17,5	56,0	1,230	5400				



Maglia di connessione - grado 80
G80 connecting link
Fattore di sicurezza 4:1 / Safety factor 4:1



misura catene mm chain size mm					Kg/cad. Kg/PC	TecnO TESTED	carico limite di lavoro kg working load limit	€/cad. €/PC	
mm	A mm	B mm	C mm	D mm				cod.	
6	42,0	13,5	7,0	17,0	0,110	1120	MAGCONVERN6 MAGCONVERN8 MAGCONVERN10 MAGCONVERN13	AR AR AR AR	
7-8	53,0	17,6	9,0	20,0	0,200	2000			
10	67,0	25,0	11,0	24,0	0,300	3200			
13	83,0	30,0	15,0	30,0	0,700	5400			



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	TecnO TESTED		€/cad. €/PC
mm	N°	0-45°	45°-60°	cod.
7	1	1500	1500	BRACA711 AR
7	2	2120	1500	BRACA721 AR
7	4	3180	2250	BRACA741 AR
8	1	2000	2000	BRACA811 AR
8	2	2830	2000	BRACA821 AR
8	4	4240	3000	BRACA841 AR
10	1	3150	3150	BRACA1011 AR
10	2	4450	3150	BRACA1021 AR
10	4	6680	4720	BRACA1041 AR
13	1	5300	5300	BRACA1311 AR
13	2	7490	5300	BRACA1321 AR
13	4	11240	7950	BRACA1341 AR

carico
limite di
lavoro
kg
working
load
limit

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	TecnO TESTED		€/cad. €/PC
mm	N°	0-45°	45°-60°	cod.
7	1	1500	1500	BRACA712 AR
7	2	2120	1500	BRACA722 AR
7	4	3180	2250	BRACA742 AR
8	1	2000	2000	BRACA812 AR
8	2	2830	2000	BRACA822 AR
8	4	4240	3000	BRACA842 AR
10	1	3150	3150	BRACA1012 AR
10	2	4450	3150	BRACA1022 AR
10	4	6680	4720	BRACA1042 AR
13	1	5300	5300	BRACA1312 AR
13	2	7490	5300	BRACA1322 AR
13	4	11240	7950	BRACA1342 AR

carico
limite di
lavoro
kg
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	TecnO TESTED		€/cad. €/PC
mm	N°	0-45°	45°-60°	cod.
7	1	1500	1500	BRACA713 AR
7	2	2120	1500	BRACA723 AR
7	4	3180	2250	BRACA743 AR
8	1	2000	2000	BRACA813 AR
8	2	2830	2000	BRACA823 AR
8	4	4240	3000	BRACA843 AR
10	1	3150	3150	BRACA1013 AR
10	2	4450	3150	BRACA1023 AR
10	4	6680	4720	BRACA1043 AR
13	1	5300	5300	BRACA1313 AR
13	2	7490	5300	BRACA1323 AR
13	4	11240	7950	BRACA1343 AR

carico limite di lavoro kg working load limit

TecnO TESTED

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

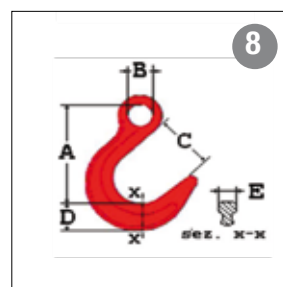
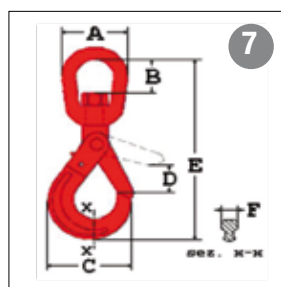
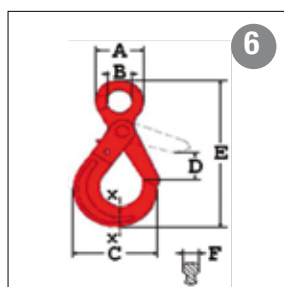
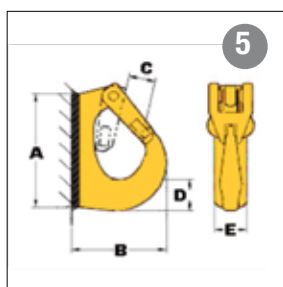
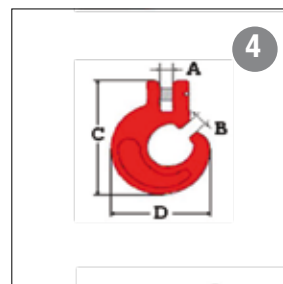
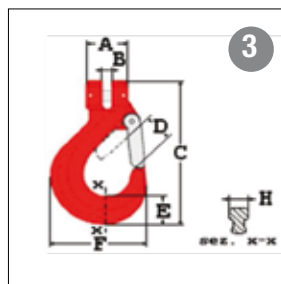
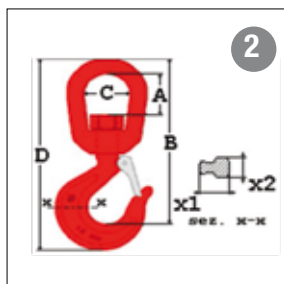
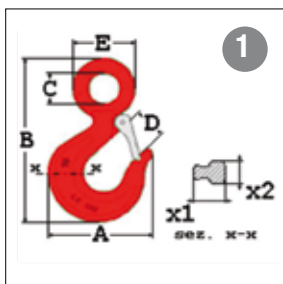


diametro diameter	Bracci legs	TecnO TESTED		€/cad. €/PC
mm	N°	0-45°	45°-60°	cod.
7	1	1500	1500	BRACA714 AR
7	2	2120	1500	BRACA724 AR
7	4	3180	2250	BRACA744 AR
8	1	2000	2000	BRACA814 AR
8	2	2830	2000	BRACA824 AR
8	4	4240	3000	BRACA844 AR
10	1	3150	3150	BRACA1014 AR
10	2	4450	3150	BRACA1024 AR
10	4	6680	4720	BRACA1044 AR
13	1	5300	5300	BRACA1314 AR
13	2	7490	5300	BRACA1324 AR
13	4	11240	7950	BRACA1344 AR

carico limite di lavoro kg working load limit

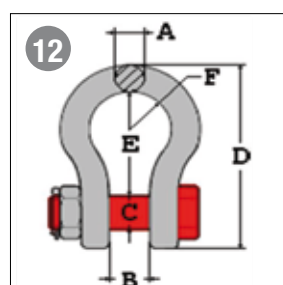
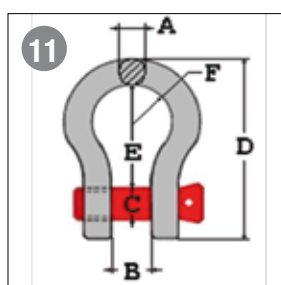
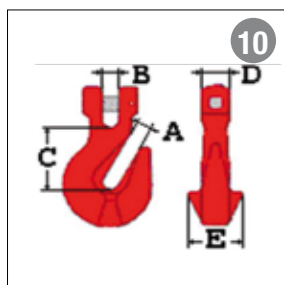
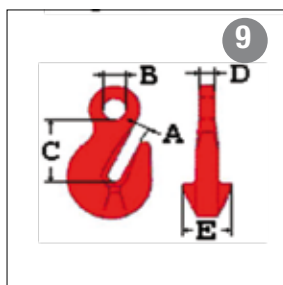
Ganci

hooks



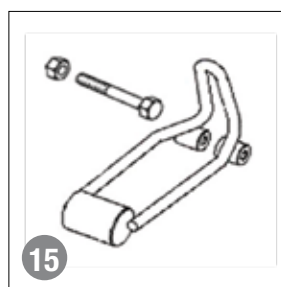
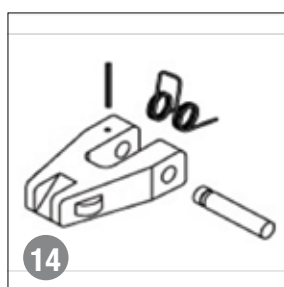
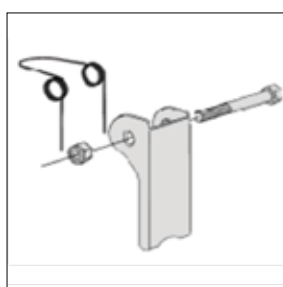
Grilli

straight shackles



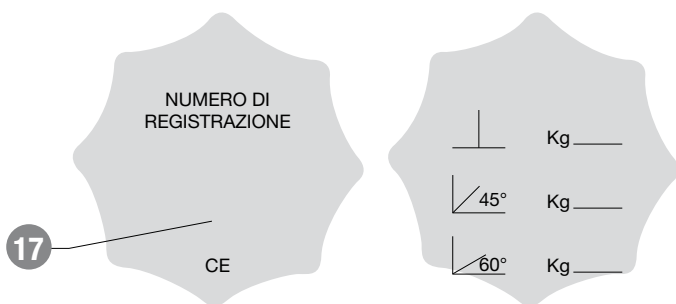
Sicurezze per ganci

safety for hooks



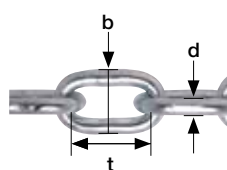
Medaglia ottagonale per imbracature

sling medal





catena genovese
genoise chain



numero number	dimensioni dimensions	GARANZIA TEST FULL TRACTION	scatola box	cod.	€/scatola €/box	m/scatola m/box	€/m
d x t x b mm							
10	1,5 x 12,8 x 6,8	8	SC2	CF015GA1100E00X	102,500	100	1,025
12	1,6 x 13,0 x 7,2	15	SC2	CF016GA1100E00X	108,000	100	1,080
13	2,0 x 13,8 x 9,0	20	SC2	CF020GA1075E00X	94,875	75	1,265
14	2,2 x 15,6 x 10,2	25	SC2	CF022GA1075E00X	107,625	75	1,435
15	2,4 x 16,0 x 10,8	30	SC2	CF024GA1075E00X	122,250	75	1,630
16	2,7 x 17,5 x 12,2	40	SC2	CF027GA1075E00X	145,875	75	1,945
17	3,0 x 19,0 x 13,0	55	SC2	CF030GA1075E00X	154,875	75	2,065
18	3,4 x 20,0 x 12,8	100	SC2	CF034GA1075E00X	197,250	75	2,630
19	4,0 x 21,5 x 15,3	110	SC2	CF040GA1075E00X	231,375	75	3,085
20	4,4 x 21,8 x 16,6	200	SC2	CF044GA1050E00X	182,500	50	3,650
21	5,0 x 24,0 x 18,2	250	SC2	CF050GA1050E00X	225,750	50	4,515
22	5,5 x 25,0 x 20,0	300	SC2	CF055GA1040E00X	216,200	40	5,405
23	6,0 x 28,0 x 22,2	310	SC2	CF060GA1030E00X	190,350	30	6,345
24	6,5 x 29,5 x 24,0	400	SC2	CF065GA1025E00X	187,875	25	7,515
25	7,0 x 31,0 x 26,5	450	SC2	CF070GA1025E00X	212,750	25	8,510
26	7,5 x 31,5 x 28,0	550	SC2	CF075GA1020E00X	198,500	20	9,925
27	8,0 x 35,0 x 29,8	600	SC2	CF080GA1015E00X	168,525	15	11,235
28	9,0 x 37,0 x 34,0	800	SC2	CF090GA1015E00X	215,775	15	14,385
30	10,0 x 40,0 x 37,0	1000	SC2	CF100GA1010E00X	180,450	10	18,045
32	12,0 x 47,5 x 44,5	1400	SC2	CF120GA1008E00X	208,920	8	26,115

carico
limite di
lavoro
kg
working
load
limit



numero number	dimensioni dimensions	GARANZIA TEST FULL TRACTION	scatola box	cod.	€/scatola €/box	m/scatola m/box	€/m
ottinata brass plated							
8	1,3 x 10,0 x 5,6	6	SC1	CF013GN1025A00X	32,875	25	1,315
10	1,5 x 12,8 x 6,8	8	SC1	CF015GN1025A00X	28,750	25	1,150
12	1,6 x 13,0 x 7,2	15	SC1	CF016GN1025A00X	30,250	25	1,210
13	2,0 x 13,8 x 9,0	20	SC1	CF020GN1025A00X	35,625	25	1,425
14	2,2 x 15,6 x 10,2	25	SC1	CF022GN1025A00X	46,375	25	1,855
15	2,4 x 16,0 x 10,8	30	SC1	CF024GN1025A00X	51,500	25	2,060
16	2,7 x 17,5 x 12,2	40	SC1	CF027GN1025A00X	62,500	25	2,500
17	3,0 x 19,0 x 13,0	55	SC1	CF030GN1025A00X	70,375	25	2,815

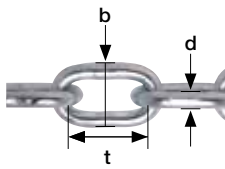
carico
limite di
lavoro
kg
working
load
limit



numero number	dimensioni dimensions	GARANZIA TEST FULL TRACTION	scatola box	cod.	€/scatola €/box	m/scatola m/box	€/m
nichelata nickel plated							
8	1,3 x 10,0 x 5,6	6	SC1	CF013GN1025N00X	32,875	25	1,315
10	1,5 x 12,8 x 6,8	8	SC1	CF015GN1025N00X	28,750	25	1,150
12	1,6 x 13,0 x 7,2	15	SC1	CF016GN1025N00X	30,250	25	1,210
13	2,0 x 13,8 x 9,0	20	SC1	CF020GN1025N00X	35,625	25	1,425
14	2,2 x 15,6 x 10,2	25	SC1	CF022GN1025N00X	46,375	25	1,855
15	2,4 x 16,0 x 10,8	30	SC1	CF024GN1025N00X	51,500	25	2,060
16	2,7 x 17,5 x 12,2	37	SC1	CF027GN1025N00X	62,500	25	2,500
17	3,0 x 19,0 x 13,0	55	SC1	CF030GN1025N00X	70,375	25	2,815

carico
limite di
lavoro
kg
working
load
limit

Tolleranze come da tabelle DIN 5685-2 - Tolerances as DIN 5685-2 norms



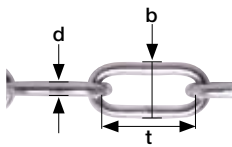
catena genovese genovese chain



numero number	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								
10	1,5 x 12,8 x 6,8	8	A15	2	CF015GA1150E00B	162,750	150	1,085
12	1,6 x 13,0 x 7,2	15	A15	2	CF016GA1150E00B	171,750	150	1,145
13	2,0 x 13,8 x 9,0	20	A15	2	CF020GA1100E00B	134,000	100	1,340
14	2,2 x 15,6 x 10,2	25	A15	2	CF022GA1075E00B	114,750	75	1,530
15	2,4 x 16,0 x 10,8	30	A15	2	CF024GA1075E00B	129,750	75	1,730
16	2,7 x 17,5 x 12,2	40	A30	1	CF027GA1075E00B	156,750	75	2,090
17	3,0 x 19,0 x 13,0	55	A30	1	CF030GA1075E00B	166,500	75	2,220
18	3,4 x 20,0 x 12,8	100	A30	1	CF034GA1075E00B	211,125	75	2,815
19	4,0 x 21,5 x 15,3	110	A30	1	CF040GA1075E00B	246,750	75	3,290
20	4,4 x 21,8 x 16,6	200	A30	1	CF044GA1050E00B	193,750	50	3,875
21	5,0 x 24,0 x 18,2	250	A30	1	CF050GA1050E00B	239,000	50	4,780
22	5,5 x 25,0 x 20,0	300	A30	1	CF055GA1040E00B	229,600	40	5,740
23	6,0 x 28,0 x 22,2	310	A30	1	CF060GA1030E00B	203,550	30	6,785
24	6,5 x 29,5 x 24,0	400	A30	1	CF065GA1025E00B	200,000	25	8,000
25	7,0 x 31,0 x 26,5	450	A30	1	CF070GA1025E00B	225,500	25	9,020
26	7,5 x 31,5 x 28,0	550	A30	1	CF075GA1020E00B	210,900	20	10,545
27	8,0 x 35,0 x 29,8	600	A30	1	CF080GA1015E00B	179,400	15	11,960
28	9,0 x 37,0 x 34,0	800	A30	1	CF090GA1015E00B	229,275	15	15,285
30	10,0 x 40,0 x 37,0	1000	A30	1	CF100GA1010E00B	192,050	10	19,205
32	12,0 x 47,5 x 44,5	1400	A30	1	CF120GA1008E00B	222,520	8	27,815

carico
limite di
lavoro
kg
working
load
limit

Tolleranze come da tabelle DIN 5685-2 - Tolerances as DIN 5685-2 norms



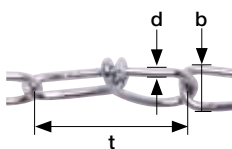
catena a norma DIN 5685/C chain ref. DIN 5685/C

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



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							
3,0 x 26,0 x 11,4	65	A30	1	CF030CA1060E00B	117,000	60	1,950
4,0 x 32,0 x 15,2	100	A30	1	CF040CA1060E00B	180,000	60	3,000
5,0 x 35,0 x 19,0	165	A30	1	CF050CA1030E00B	130,500	30	4,350
6,0 x 42,0 x 22,8	225	A30	1	CF060CA1025E00B	150,000	25	6,000
7,0 x 49,0 x 26,6	300	A30	1	CF070CA1015E00B	118,500	15	7,900
8,0 x 52,0 x 30,4	400	A30	1	CF080CA1010E00B	106,000	10	10,600

carico
limite di
lavoro
kg
working
load
limit

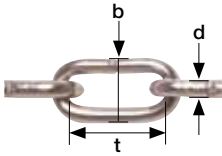


catena vittoria norma DIN 5686 double loop chain DIN 5686 norm



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							
1,5 x 20,0 x 6,3	20	A15	2	CF015VA1100E00B	AR	AR	AR
1,6 x 23,0 x 7,2	25	A15	2	CF016VA1100E00B	AR	AR	AR
1,8 x 25,0 x 8,0	32	A15	2	CF018VA1100E00B	AR	AR	AR
2,0 x 28,0 x 9,0	41	A09	3	CF020VA1060E00B	AR	AR	AR
2,2 x 31,0 x 10,0	52	A09	3	CF022VA1040E00B	AR	AR	AR
2,4 x 35,0 x 11,0	60	A09	3	CF024VA1020E00B	AR	AR	AR
2,8 x 39,0 x 12,5	70	A09	3	CF028VA1020E00B	AR	AR	AR
3,0 x 41,0 x 14,0	91	A09	3	CF030VA1020E00B	AR	AR	AR

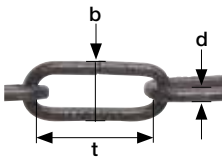
carico
limite di
lavoro
kg
working
load
limit



catene a maglia tonda round link chain



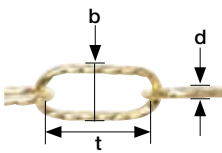
dimensioni dimensions	GARANZIA TEST FULL TRACTION	bobina reel	bobina/ scat. reel/box	cod.	€/bobina €/reel	m/bobina m/reel	€/ m
d x t x b mm		ottonata/brass plated					
2,2 x 16,0 x 10,4	10	SP1	1	CF022TN1020A00B	45,194	20	2,260
2,8 x 34,0 x 15,6	10	A09	3	CF028TN1020A00B	54,398	20	2,720
3,8 x 40,0 x 19,6	20	A09	3	CF038TN1015A00B	66,000	15	4,400
d x t x b mm		nichelata/nichel plated					
2,2 x 16,0 x 10,4	10	SP1	1	CF022TN1020N00B	45,194	20	2,260
2,8 x 34,0 x 15,6	10	A09	3	CF028TN1020N00B	54,398	20	2,720
3,8 x 40,0 x 19,6	20	A09	3	CF038TN1015N00B	66,000	15	4,400
d x t x b mm		bronzata/bronze plated					
2,2 x 16,0 x 10,4	10	SP1	1	CF022TN1020Z00B	45,194	20	2,260
2,8 x 34,0 x 15,6	10	A09	3	CF028TN1020Z00B	54,398	20	2,720
3,8 x 40,0 x 19,6	20	A09	3	CF038TN1015Z00B	66,000	15	4,400



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	A09	3	CF022LN1030A00B	73,500	30	2,450
2,7 x 28,0 x 14,4	20	A09	3	CF027LN1020A00B	76,200	20	3,810
3,8 x 28,0 x 16,6	50	A09	3	CF038LN1020A00B	115,000	20	5,750
5,0 x 30,0 x 20,0	80	A09	3	CF050LN1010A00B	89,300	10	8,930
d x t x b mm		brunita/burnished					
2,2 x 17,0 x 10,4	15	A09	3	CF022LN1030B00B	73,500	30	2,450
2,7 x 28,0 x 14,4	20	A09	3	CF027LN1020B00B	76,200	20	3,810
3,8 x 28,0 x 16,6	50	A09	3	CF038LN1020B00B	115,000	20	5,750
5,0 x 30,0 x 20,0	80	A09	3	CF050LN1010B00B	89,300	10	8,930
d x t x b mm		bronzata/bronze plated					
2,2 x 17,0 x 10,4	15	A09	3	CF022LN1030Z00B	73,500	30	2,450
2,7 x 28,0 x 14,4	20	A09	3	CF027LN1020Z00B	76,200	20	3,810
3,8 x 28,0 x 16,6	50	A09	3	CF038LN1020Z00B	115,000	20	5,750
5,0 x 30,0 x 20,0	80	A09	3	CF050LN1010Z00B	89,300	10	8,930

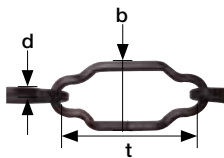


catena a maglia quadra ritorta twisted square link chain



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	20	A09	3	CF025ON1030A00B	77,250	30	2,575
3,5 x 40,0 x 19,0	30	A09	3	CF035ON1020A00B	74,900	20	3,745
d x t x b mm		brunita/burnished					
2,5 x 25,0 x 8,0	20	A09	3	CF025ON1030B00B	77,250	30	2,575
3,5 x 40,0 x 19,0	30	A09	3	CF035ON1020B00B	74,900	20	3,745
d x t x b mm		bronzata/bronze plated					
2,5 x 25,0 x 8,0	20	A09	3	CF025ON1030Z00B	77,250	30	2,575
3,5 x 40,0 x 19,0	30	A09	3	CF035ON1020Z00B	74,900	20	3,745

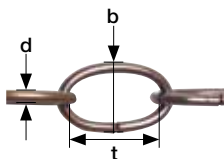




catena a maglia cattedrale cathedral link chain



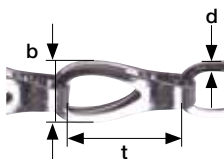
dimensioni dimensions	GARANZIA TEST FULL TRACTION	bobina reel	bobina/ scat. reel/box	cod.	€/bobina €/reel	m/bobina m/reel	€/ m
d x t x b mm				ottonata/brass plated			
2,2 x 25,0 x 14,4	10	A09	3	CF022DN1030A00B	70,350	30	2,345
2,7 x 40,0 x 19,4	20	A09	3	CF027DN1020A00B	54,200	20	2,710
d x t x b mm				brunita/burnished			
2,2 x 25,0 x 14,4	10	A09	3	CF022DN1030B00B	70,350	30	2,345
2,7 x 40,0 x 19,4	20	A09	3	CF027DN1020B00B	54,200	20	2,710
d x t x b mm				bronzata/bronze plated			
2,2 x 25,0 x 14,4	10	A09	3	CF022DN1030Z00B	70,350	30	2,345
2,7 x 40,0 x 19,4	20	A09	3	CF027DN1020Z00B	54,200	20	2,710



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	A09	3	CF0229N1030A00B	70,800	30	2,360
2,8 x 18,0 x 10,0	25	A09	3	CF0289N1030A00B	86,250	30	2,875
d x t x b mm				brunita/burnished			
2,2 x 16,0 x 8,0	10	A09	3	CF0229N1030B00B	70,800	30	2,360
2,8 x 18,0 x 10,0	25	A09	3	CF0289N1030B00B	86,250	30	2,875
d x t x b mm				bronzata/bronze plated			
2,2 x 16,0 x 8,0	10	A09	3	CF0229N1030Z00B	70,800	30	2,360
2,8 x 18,0 x 10,0	25	A09	3	CF0289N1030Z00B	86,250	30	2,875



catena piatta tranciata blanked brass chain



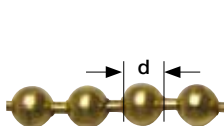
dimensioni dimensions	bobina reel	bobina/ scat. reel/box	cod.	€/bobina €/reel	m/bobina m/reel	€/ m
d x t x c mm			ottonata/brass plated			
0,35 x 12,5 x 5,0	SP2	1	C0004PA1025000B	87,50	25	3,500
d x t x c mm			ottone cromato/crome plated			
0,35 x 12,5 x 5,0	SP2	1	CC004PA1025000B	107,75	25	4,310



triangolo terminale AISI 304 AISI 304 blanked chain fittings



dimensioni dimensions	cod.	€/cad. €/PC
Ø mm		
2,0 x 13,0	TRIINOX213	0,103



catena pallini balls chain



dimensioni dimensions	bobina reel	bobina/ scat. reel/box	cod.	€/bobina €/reel	m/bobina m/reel	€/ m
dØ mm			ottonata/brass plated			
3,2	SP2	1	C0032HA1025000B	75,00	25	3,000
3,6	SP2	1	C0036HA1025000B	87,50	25	3,500
			ottone cromato/crome plated			
3,2	SP2	1	CC032HA1025000B	91,25	25	3,650
3,6	SP2	1	CC036HA1025000B	102,50	25	4,100



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



chiusura a bastoncino easy balls chain connection



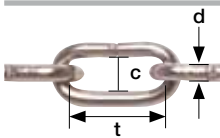
dimensioni dimensions	cod.	€/cad. €/PC
Ø mm	ottonata/brass plated	
3,2	BASTOTT32	0,120
3,6	BASTOTT36	0,145
	ottone cromato/crome plated	
3,2	BASTOTTCR32	0,145
3,6	BASTOTTCR36	0,155



chiusura easy easy balls chain connection



dimensioni dimensions		€/cad. €/PC
Ø mm	ottono/brass	
3,2	CHIUSOTT32E	0,100
3,6	CHIUSOTT36E	0,125
	ottone cromato/crome plated	
3,2	CHIUSOTTCR32E	0,100
3,6	CHIUSOTTCR36E	0,125



catena forzata 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	52,875	25	2,115
1,5 x 8,0 x 3,3	SP2	1	CF015FN1025N00B	61,000	25	2,440
d x t x c			ottonata/brass plated			
1,3 x 8,0 x 2,5	SP2	1	CF013FN1025A00B	52,875	25	2,115
1,5 x 8,0 x 3,3	SP2	1	CF015FN1025A00B	61,000	25	2,440
d x t x c			piombo/lead color			
1,3 x 8,0 x 2,5	SP2	1	CF013FN1025P00B	52,875	25	2,115
1,5 x 8,0 x 3,3	SP2	1	CF015FN1025P00B	61,000	25	2,440



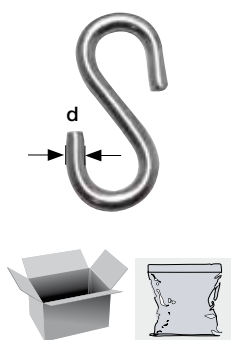
catena groumette small twisted chain



dimensioni dimensions	bobina reel	bobina/scat. reel/box	cod.	€/bobina €/reel	m/bobina m/reel	€/m
Ø mm			ottonata/brass plated			
1,0	SP2	1	CF010MN1025A00B	60,500	25	2,420
1,2	SP2	1	CF012MN1025A00B	67,500	25	2,700
1,5	SP2	1	CF015MN1025A00B	81,000	25	3,240
Ø mm			nichelata/nichel plated			
1,0	SP2	1	CF010MN1025N00B	60,500	25	2,420
1,2	SP2	1	CF012MN1025N00B	67,500	25	2,700
1,5	SP2	1	CF015MN1025N00B	81,000	25	3,240

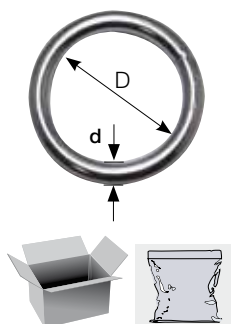


ganci ad "S" zincati
zinc-plated "S" hooks for chain



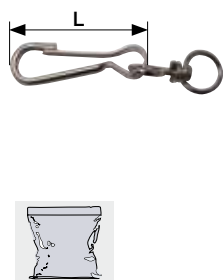
numero number	diametro diameter	cod.	€/scatola €/box	pz./ scatola PCS/box	€/cad. €/PC	cod.	€/sacchetto €/bag	peso weight	€/kg
d mm		confezione P			confezione G			kg	
15	2,5	SF02500Z030E	20,000	500	0,040	SF02500E030E	56,250	5	11,250
16	2,7	SF02700Z031E	22,500	500	0,045	SF02700E031E	56,250	5	11,250
17	3,0	SF03000Z033E	20,084	400	0,050	SF03000E033E	54,000	5	10,800
18	3,4	SF03400Z037E	27,683	400	0,069	SF03400E037E	53,250	5	10,650
19	3,9	SF03900Z040E	28,904	300	0,096	SF03900E040E	52,825	5	10,565
20	4,4	SF04400Z046E	27,954	200	0,140	SF04400E046E	52,675	5	10,535
21	4,9	SF04900Z048E	33,000	200	0,165	SF04900E048E	51,725	5	10,345
22	5,4	SF05400Z050E	36,000	150	0,240	SF05400E050E	51,375	5	10,275
23	5,9	SF05900Z054E	42,000	150	0,280	SF05900E054E	51,375	5	10,275
24	6,4	SF06400Z062E	40,032	100	0,400	SF06400E062E	52,875	5	10,575
25	7,0	SF07000Z070E	39,624	80	0,495	SF07000E070E	52,875	5	10,575
26	7,5	SF07500Z078E	36,300	60	0,605	SF07500E078E	52,875	5	10,575
27	8,0	SF08000Z079E	24,600	30	0,820	SF08000E079E	53,200	5	10,640
30	10,0	SF10000Z098E	23,000	20	1,150	SF10000E098E	53,200	5	10,640

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	100,000	500	0,200	AF04000E020E	142,500	5	28,500
20	4,4	25	AF04400Z025E	51,000	200	0,255	AF04400E025E	116,000	5	23,200
21	4,9	30	AF04900Z030E	63,000	200	0,315	AF04900E030E	97,500	5	19,500
22	5,4	35	AF05400Z035E	42,000	100	0,420	AF05400E035E	86,250	5	17,250
23	5,9	40	AF05900Z040E	51,500	100	0,515	AF05900E040E	80,000	5	16,000
24	6,4	45	AF06400Z045E	33,000	50	0,660	AF06400E045E	77,500	5	15,500
25	7,0	50	AF07000Z050E	32,000	40	0,800	AF07000E050E	68,000	5	13,600
27	8,0	60	AF08000Z060E	37,350	30	1,245	AF08000E060E	70,000	5	14,000

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



lunghezza esterna outside length		€/sacchetto €/bag	pz./ sacchetto PCS/bag	€/cad. €/PC	nichelata nickel plated	€/sacchetto €/bag	pz./ sacchetto PCS/bag	€/cad. €/PC
Lmm								
30	MOSSMZINCEL30	21,000	100	0,210	MOSSIMNIC30	20,000	100	0,200
40	MOSSMZINCEL40	24,750	75	0,330	MOSSIMNIC40	21,000	75	0,280
50	MOSSMZINCEL50	34,125	75	0,455	MOSSIMNIC50	30,000	75	0,400
60	MOSSMZINCEL60	39,000	50	0,780	MOSSIMNIC60	33,250	50	0,665
70	MOSSMZINCEL70	46,250	50	0,925	MOSSIMNIC70	39,000	50	0,780
80	MOSSMZINCEL80	38,625	25	1,545	MOSSIMNIC80	32,500	25	1,300
90	MOSSMZINCEL90	45,500	25	1,820	MOSSIMNIC90	40,500	25	1,620
100	MOSSMZINCEL100	60,875	25	2,435	MOSSIMNIC100	53,750	25	2,150
120	MOSSMZINCEL120	90,750	25	3,630	MOSSIMNIC120	77,875	25	3,115



moschettoni Simplex DIN 5287 tipo A



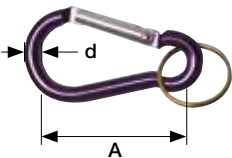
simplex hooks DIN 5287 form A

lunghezza esterna outside length	BLUCRO-M	€/sacchetto €/bag	pz./sacchetto PCS/bag	€/cad. €/PC	nichelata nickel plated	€/sacchetto €/bag	pz./sacchetto PCS/bag	€/cad. €/PC
Lmm								
30	MOLLEGGEREZIN30	7,500	100	0,075	MOLLEGGERE30	7,500	100	0,075
40	MOLLEGGEREZIN40	9,750	75	0,130	MOLLEGGERE40	10,875	75	0,145
50	MOLLEGGEREZIN50	17,250	75	0,230	MOLLEGGERE50	18,750	75	0,250
60	MOLLEGGEREZIN60	19,000	50	0,380	MOLLEGGERE60	21,000	50	0,420
70	MOLLEGGEREZIN70	25,500	50	0,510	MOLLEGGERE70	27,250	50	0,545
80	MOLLEGGEREZIN80	19,125	25	0,765	MOLLEGGERE80	20,500	25	0,820
90	MOLLEGGEREZIN90	24,375	25	0,975	MOLLEGGERE90	23,875	25	0,955
100	MOLLEGGEREZIN100	35,750	25	1,430	MOLLEGGERE100	37,875	25	1,515
120	MOLLEGGEREZIN120	59,375	25	2,375	MOLLEGGERE120	62,125	25	2,485



moschettoni in alluminio

aluminium snap hook coloured with split ring

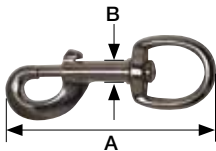


diametro diameter	dimensioni dimensions	cod.	€/sacchetto €/bag	pz./sacchetto PCS/bag	€/cad. €/PC
dmm	A mm				
5,0	50,0	MOSALL50	12,000	10	1,200
6,0	60,0	MOSALL60	14,850	10	1,485
7,0	70,0	MOSALL70	19,000	10	1,900



moschettoni in zama nichelato

nickel swivel snap hook in zinc diecast

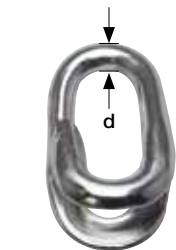


dimensioni dimensions	cod.	€/sacchetto €/bag	pz./sacchetto PCS/bag	€/cad. €/PC
A x B mm				
53,0 x 10,0	MOSZAMNIC1053	18,000	10	1,800
76,0 x 14,0	MOSZAMNIC1476	27,900	10	2,790
80,0 x 16,0	MOSZAMNIC1680	36,000	10	3,600



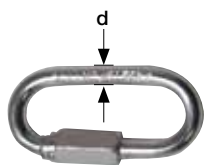
false maglie zincate

zinc plated connection links



diametro diameter	cod.	€/sacchetto €/bag	pz./sacchetto PCS/bag	€/cad. €/PC
d mm				
3,5	FMAGZINCEL35	210,000	1000	0,210
4,0	FMAGZINCEL4	230,000	1000	0,230
5,0	FMAGZINCEL5	207,500	500	0,415
6,0	FMAGZINCEL6	273,000	300	0,910
7,0	FMAGZINCEL7	107,000	100	1,070
8,0	FMAGZINCEL8	161,000	100	1,610



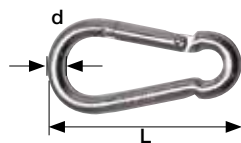


maglie rapide zincate zinc plated quick links

diametro diameter	cod.	€/sacchetto €/bag	pz./sacchetto PCS/bag	€/cad. €/PC
d mm				
3,5	MAGRAPZINCEL35	68,000	100	0,680
4,0	MAGRAPZINCEL4	72,500	100	0,725
5,0	MAGRAPZINCEL5	42,500	50	0,850
6,0	MAGRAPZINCEL6	57,500	50	1,150
8,0	MAGRAPZINCEL8	97,500	50	1,950
10,0	MAGRAPZINCEL10	87,500	25	3,500
12,0	MAGRAPZINCEL12	146,250	25	5,850



moschettoni pompieri zincati zinc plated carbine hook



diametro diameter	lunghezza esterna outside length	cod.	€/sacchetto €/bag	pz./sacchetto PCS/bag	€/cad. €/PC
dmm	Lmm				
4,0	40	MOSPOMZINCEL40	37,500	50	0,750
5,0	50	MOSPOMZINCEL50	39,235	50	0,785
6,0	60	MOSPOMZINCEL60	46,750	50	0,935
7,0	70	MOSPOMZINCEL70	31,250	25	1,250
8,0	80	MOSPOMZINCEL80	40,000	25	1,600
9,0	90	MOSPOMZINCEL90	52,000	25	2,080
10,0	100	MOSPOMZINCEL100	67,500	25	2,700
12,0	120	MOSPOMZINCEL120	87,500	25	3,500





espositore EPD
EPD display merchandiser



numero number	descrizione description	denominazione number	diametro diameter	lunghezza length
BLUCR-GM			mm	
2	bobina catena genovesegenoese chain reel	12	1,6	
2	bobina catena genovesegenoese chain reel	14	2,2	
1	bobina catena genovesegenoese chain reel	16	2,7	
1	bobina catena genovesegenoese chain reel	18	3,4	
2	bobina catena genovesegenoese chain reel	20	4,4	
1	bobina catena genovesegenoese chain reel	22	5,5	
2	bobina catena genovesegenoese chain reel	24	6,5	
1	bobina catena genovesegenoese chain reel	26	7,5	

1 Dimensioni / dimensions cm 70 x 60 x 60

€ 2.300,00 cad.



espositore EGD
EGD display merchandiser



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

Dimensioni / dimensions cm 170 x 40 x 80

€ 4.100,00 cad.



espositore ECO ECO display merchandiser



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

Dimensioni / *dimensions* cm 70 x 35 x 45

€ 850,00 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 durezza 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 hardness following heat treatment.*

Alta prestazione <i>High performance</i>		Media prestazione <i>Medium performance</i>		Prestazione normale <i>Normal performance</i>	
HT	HT	HT	HT	HT	HT
10	9	8	7	6	5

DAMANT



Nuova catena di sicurezza con maglie a sezione "D" in acciaio legato




Nuovo ed innovativo design del Tubo Tessile

Il nuovo ed innovativo design a scacchiera del Tubo Tessile, permette di raggiungere anche fasce di clientela particolarmente attente agli aspetti estetici dei prodotti

Tenuta assoluta del punto di ancoraggio del Tubo Tessile in polipropilene

Il nuovo rivestimento in Tubo Tessile viene ancorato alla catena con un Nostro Nuovo ed innovativo Sistema di Saldatura UW, in sostituzione dei tradizionali rivetti in metallo.

Il sistema di Saldatura , attraverso una speciale apparecchiatura elettronica, realizza una completa fusione del Polipropilene nelle due parti finali, dove il Tubo Tessile si interrompe. (vedi foto).

Migliore Resistenza agli agenti atmosferici

La Catena è protetta superficialmente con una zincatura elettrolitica a passivazione Gialla Trivalente.

Questa nuova passivazione è conforme alle normative Europee che prevedono l'eliminazione del Cromo Esavalente. Essendo a base di Cromo III, permette

di ottenere una resistenza in nebbia salina paragonabile alla vecchia passivazione (a base di Cromo VI);

Esteticamente, con questa nuova passivazione, le catene si presentano con una piacevole e brillante iridescenza, con riflessi gialli.

La Resistenza alla corrosione è circa il doppio della tradizionale zincatura elettrolitica bianca.

Migliore Resistenza ai tentativi di Taglio e/o Cesoiamento

La catena è sottoposta ad indurimento superficiale attraverso un processo di Cementazione, seguita da un trattamento di Tempra in olio e successivo rinvenimento per ottenere una durezza superficiale estremamente performante.

Questi trattamenti, eseguiti sui acciai speciali utilizzati nella costruzione, hanno lo scopo di ottimizzare la resistenza al taglio, all'usura e alla fatica della catena. Esempio di Parametri tecnici di Trattamento (per catena 8mm):

- durezza superficiale minima = 850 HV
- durezza a profondità 0.6 mm = 560 HV
- durezza a cuore minima = 490 HV

Differenze tra l'uso dei tradizionali rivetti in metallo e la Nostra Saldatura UW:

Nostra Saldatura UW

- Anche con un uso intensivo, il Tubo Tessile non si lacera
- Il Tubo Tessile rimane sempre nella posizione originale
- Il Tubo Tessile non spostandosi non scopre la catena, mantenendo integralmente l'effetto protettivo

Rivetti in metallo

- Anche senza un uso intensivo, i rivetti lacerano il Tubo Tessile
- La testa del rivetto passa dal punto lacerato e non trattiene più il tubo tessile nella posizione originale
- Il Tubo Tessile si sposta e scopre parzialmente e/o completamente la catena, annullando totalmente l'effetto protettivo.

numero number	diametro diameter	lunghezza length	HT		€/scatola €/box	pz./scatola PCS/box	€/cad. €/PC	
mm	mm	cm	cod.					
27	8,0	100	9	indice di prestazione	CA080QIW100E0D	305,000	10	30,500
27	8,0	120	9	performance	CA080QIW120E0D	292,000	8	36,500
27	8,0	150	9	index	CA080QIW150E0D	273,000	6	45,500



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

numero number	diametro diameter	lunghezza length	HT	indice di prestazione performance index	€/scatola €/box	pz./scatola PCS/box	€/cad. €/PC	
	mm	cm			€		€	
					cod.			
23	6,0	60	7		CA060QIW060EOT	190,000	20	9,500
23	6,0	80	7		CA060QIW080EOT	248,000	20	12,400
23	6,0	100	7		CA060QIW100EOT	230,250	15	15,350
27	8,0	80	8		CA080QIW080EOT	238,000	10	23,800
27	8,0	100	8		CA080QIW100EOT	293,500	10	29,350
27	8,0	120	8		CA080QIW120EOT	280,000	8	35,000
27	8,0	150	8		CA080QIW150EOT	260,100	6	43,350
27	8,0	200	8		CA080QIW200EOT	228,660	4	57,165
30	10,0	100	9		CA100QIW100EOT	324,000	8	40,500
30	10,0	120	9		CA100QIW120EOT	240,000	5	48,000
30	10,0	150	9		CA100QIW150EOT	238,060	4	59,515
30	10,0	200	9		CA100QIW200EOT	312,000	4	78,000

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 con saldatura UW
chain in Alloy steel with 11 mm rectangular shape link, hardened (58-61 HRC) zinc plated and covered with Textil Tube

diametro diameter	lunghezza length	HT	indice di prestazione performance index	€/scatola €/box	pz./scatola PCS/box	€/cad. €/PC	
mm	cm			€		€	
				cod.			
11,0	90	10		CZ110QIW090EOT	305,520	6	50,920
11,0	120	10		CZ110QIW120EOT	336,200	5	67,240
11,0	150	10		CZ110QIW150EOT	336,400	4	84,100

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

diametro diameter	lunghezza length	HT	indice di prestazione performance index	€/scatola €/box	pz./scatola PCS/box	€/cad. €/PC	
mm	cm			€		€	
				cod.			
11,0	120	10		CZ110!IW120EOT	435,600	6	72,600
11,0	150	10		CZ110!IW150EOT	447,000	5	89,400
11,0	180	10		CZ110!IW180EOT	420,840	4	105,210



Il sistema di saldatura UW, attraverso una speciale apparecchiatura elettronica, realizza una completa fusione del polipropilene nelle due parti finali dove si interrompe il tubo tessile.
The UW welding system, through a special electronic device, creates a complete fusion of the polypropylene in the two final parts where the textile tube is interrupted.



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 con saldatura UW - 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 Textil Tube - Armoured lock with double ancorage chain and keglock anti-stratch - single packing in handy bag



numero number	diametro diameter	lunghezza length	HT	indice di prestazione performance index	cod.	pz./ sacchetto PCS/bag	€/cad. €/PC
	mm	cm					
23	6,0	60	7		CA060QIW060E0U	1	54,585
23	6,0	80	7		CA060QIW080E0U	1	57,140
23	6,0	100	7		CA060QIW100E0U	1	59,800
27	8,0	80	8		CA080QIW080E0U	1	73,000
27	8,0	100	8		CA080QIW100E0U	1	78,315
27	8,0	120	8		CA080QIW120E0U	1	81,650
27	8,0	150	8		CA080QIW150E0U	1	87,020
27	8,0	200	8		CA080QIW200E0U	1	103,625
30	10,0	100	9		CA100QIW100E0U	1	87,400
30	10,0	120	9		CA100QIW120E0U	1	92,490
30	10,0	150	9		CA100QIW150E0U	1	100,300
30	10,0	200	9		CA100QIW200E0U	1	121,880



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 con saldatura UW - 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 Textil Tube - Armoured lock with double ancorage chain and keglock anti-stratch - packing in box



numero number	diametro diameter	lunghezza length	HT	indice di prestazione performance index	cod.	€/scatola €/box	pz./scatola PCS/box	€/cad. €/PC
	mm	cm						
23	6,0	60	7		CA060QIW060E0Z	358,160	8	44,770
23	6,0	80	7		CA060QIW080E0Z	381,600	8	47,700
23	6,0	100	7		CA060QIW100E0Z	405,800	8	50,725
27	8,0	80	8		CA080QIW080E0Z	533,600	8	66,700
27	8,0	100	8		CA080QIW100E0Z	434,100	6	72,350
27	8,0	120	8		CA080QIW120E0Z	467,850	6	77,975
27	8,0	150	8		CA080QIW150E0Z	517,110	6	86,185
27	8,0	200	8		CA080QIW200E0Z	399,280	4	99,820
30	10,0	100	9		CA100QIW100E0Z	335,220	4	83,805
30	10,0	120	9		CA100QIW120E0Z	382,400	4	95,600
30	10,0	150	9		CA100QIW150E0Z	410,200	4	102,550
30	10,0	200	9		CA100QIW200E0Z	482,440	4	120,610



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 length	HT	€/scatola €/box	pz./scatola PCS/box	€/cad. €/PC
mm	cm	cod.				
23	6,0	60	7	174,000	20	8,700
23	6,0	80	7	226,000	20	11,300
23	6,0	100	7	210,000	15	14,000
27	8,0	80	8	225,000	10	22,500
27	8,0	100	8	278,000	10	27,800
27	8,0	120	8	265,280	8	33,160
27	8,0	150	8	247,440	6	41,240
27	8,0	200	8	219,600	6	54,900
30	10,0	100	9	313,600	8	39,200
30	10,0	120	9	233,830	5	46,765
30	10,0	150	9	232,000	4	58,000
30	10,0	200	9	306,800	4	76,700

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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 chain and keglock anti-scratch - packing in handy bag

numero number	diametro diameter	lunghezza length	HT	pz./ sacchetto PCS/bag	€/cad. €/PC
mm	cm	cod.			
23	6,0	60	7	1	57,320
23	6,0	80	7	1	59,630
23	6,0	100	7	1	62,130
27	8,0	80	8	1	81,030
27	8,0	100	8	1	84,820
27	8,0	120	8	1	88,840
27	8,0	150	8	1	94,620
27	8,0	200	8	1	107,320
30	10,0	100	9	1	95,110
30	10,0	120	9	1	100,540
30	10,0	150	9	1	109,300
30	10,0	200	9	1	123,090

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prestazione
performance
index



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 sheath anti-scratch - Armoured lock with double ancorage chain and keelock anti-scratch - packing in box



numero number	diametro diameter	lunghezza length	HT	indice di prestazione performance index	€/scatola	pz./scatola	€/cad.	
	mm	cm			€/box	PC/box	€/PC	
23	6,0	60	7		CA060QIW060E0B	344,000	8	43,000
23	6,0	80	7		CA060QIW080E0B	363,480	8	45,435
23	6,0	100	7		CA060QIW100E0B	384,000	8	48,000
27	8,0	80	8		CA080QIW080E0B	515,840	8	64,480
27	8,0	100	8		CA080QIW100E0B	417,420	6	69,570
27	8,0	120	8		CA080QIW120E0B	448,560	6	74,760
27	8,0	150	8		CA080QIW150E0B	492,330	6	82,055
27	8,0	200	8		CA080QIW200E0B	386,300	4	96,575
30	10,0	100	9		CA100QIW100E0B	322,240	4	80,560
30	10,0	120	9		CA100QIW120E0B	349,440	4	87,360
30	10,0	150	9		CA100QIW150E0B	390,640	4	97,660
30	10,0	200	9		CA100QIW200E0B	460,020	4	115,005

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 length	HT	indice di prestazione performance index	€/scatola	pz./scatola	€/cad.	
	mm	cm			€/box	Pcs/box	€/PC	
19	4,0	50	5		CF040GKW050E0I	214,550	70	3,065
19	4,0	60	5		CF040GKW060E0I	210,000	60	3,500
19	4,0	70	5		CF040GKW070E0I	156,800	40	3,920
19	4,0	80	5		CF040GKW080E0I	173,000	40	4,325
21	5,0	50	5		CF050GKW050E0I	187,500	50	3,750
21	5,0	60	5		CF050GKW060E0I	171,400	40	4,285
21	5,0	80	5		CF050GKW080E0I	140,000	25	5,600
21	5,0	100	5		CF050GKW100E0I	175,000	25	7,000
23	6,0	60	6		CF060GKW060E0I	117,600	20	5,880
23	6,0	80	6		CF060GKW080E0I	150,000	20	7,500
23	6,0	100	6		CF060GKW100E0I	140,550	15	9,370
26	7,5	60	6		CF075GKW060E0I	173,800	20	8,690
26	7,5	80	6		CF075GKW080E0I	169,200	15	11,280
26	7,5	100	6		CF075GKW100E0I	139,800	10	13,980
26	7,5	120	6		CF075GKW120E0I	166,900	10	16,690
26	7,5	150	6		CF075GKW150E0I	125,580	6	20,930
26	7,5	200	6		CF075GKW200E0I	163,620	6	27,270
28	9,0	100	7		CF090GKW100E0I	229,800	10	22,980
28	9,0	120	7		CF090GKW120E0I	165,600	6	27,600
28	9,0	150	7		CF090GKW150E0I	203,220	6	33,870
28	9,0	200	7		CF090GKW200E0I	224,000	5	44,800
30	10,0	100	8		CF100GKW100E0I	232,320	8	29,040
30	10,0	120	8		CF100GKW120E0I	174,100	5	34,820
30	10,0	150	8		CF100GKW150E0I	172,880	4	43,220
30	10,0	200	8		CF100GKW200E0I	227,680	4	56,920



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

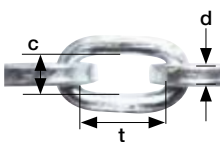
we can offer our safety chains with plastic hanger support label for display merchandiser. Plastic hanger cost: € 4.00



lucchetto 810 810 lock

lucchetto corazzato con doppio ancoraggio catena e spinotti antistrappo
armoured lock with double ancorage chain and kegllock anti-stratch

per catene chains		pz./scatola PCS/box	€/cad. €/PC
mm	cod.		
6	LUC060	1	37,000
8	LUC810	1	44,000



catena in acciaio legato a maglia sez. "D"

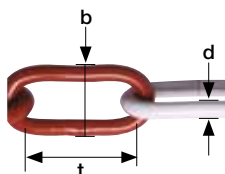
alloy steel chain link "D" shape

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	indice di prestazione performance index	cementata + zinc. elettrol. hardened + 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		CA060QP1025E	297,500	25	11,900
8,0 x 32,0 x 14,0	1,475	8		CA080QP1025E	606,250	25	24,250
10,0 x 40,0 x 17,5	2,175	9		CA100QP1025E	825,000	25	33,000
11,0 x 45,5 x 18,5	2,800	10		CZ110QP1025E	1.318,125	25	52,725



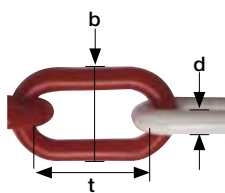
catena di segnalazione in metallo vernice epossidica epoxy painted signal chain



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, studied for outdoor use

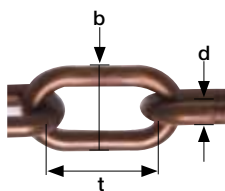
dimensioni dimensions	GARANZIA TEST FULL TRACTION		bobina reel	bobina/ scat. reel/box		€/bobina €/reel	m/bobina m/reel	€/m	
d x t x b			<i>cod.</i>						
5,0 x 35,0 x 19,0	30	carico limite di lavoro kg wor- king load limit	A30	1	bicolore rossa bianca <i>bicolor red-white</i>	CF050CA1030EV0B	228,000	30	7,600
5,0 x 35,0 x 19,0	30		A30	1	bianca/white	CF050CA1030EB0B	186,000	30	6,200
5,0 x 35,0 x 19,0	30		A30	1	nera/black	CF050CA1030EN0B	186,000	30	6,200
6,0 x 42,0 x 24,0	40		A30	1	bicolore rossa bianca <i>bicolor red-white</i>	CF060CA1025EV0B	232,500	25	9,300
6,0 x 42,0 x 24,0	40		A30	1	bianca/white	CF060CA1025EB0B	195,000	25	7,800
6,0 x 42,0 x 24,0	40		A30	1	nera/black	CF060CA1025EN0B	195,000	25	7,800



catena in plastica rossa e bianca red and white plastic chain



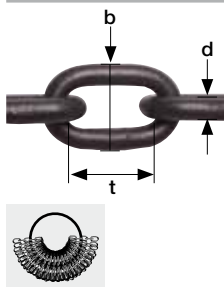
dimensioni dimensions			bobina reel	bobina/ scat. reel/box		€/bobina €/reel	m/bobina m/reel	€/m	
d x t x b			<i>cod.</i>						
6,0 x 27,0 x 24,0			A30	1	bicolore rossa bianca <i>bicolor red-white</i>	CP060BM1025000B	71,000	25	2,840
7,5 x 33,0 x 29,0			A30	1	bicolore rossa bianca <i>bicolor red-white</i>	CP080BM1025000B	92,000	25	3,680
10,0 x 54,0 x 42,0			A30	1	bicolore rossa bianca <i>bicolor red-white</i>	CP100BM2125000B	68,500	12,5	5,480



catena in plastica ramata copper plastic chain



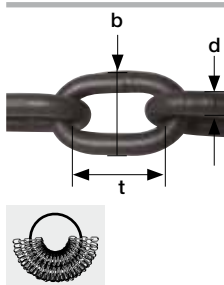
dimensioni dimensions			bobina reel	bobina/ scat. reel/box		€/bobina €/reel	m/bobina m/reel	€/m	
d x t x b			<i>cod.</i>						
6,0 x 27,0 x 24,0			A30	1	ramata <i>copper</i>	CT060BM1025000B	71,000	25	2,840
7,5 x 33,0 x 29,0			A30	1	ramata <i>copper</i>	CT080BM1025000B	92,000	25	3,680
10,0 x 54,0 x 42,0			A30	1	ramata <i>copper</i>	CT100BM2125000B	68,500	12,5	5,480



catena genovese verniciata micacea micaceous lacquered genoese chain



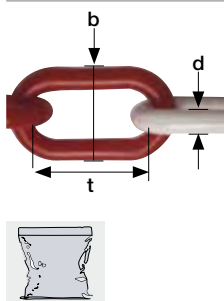
numero number	dimensioni dimensions	peso weight	matassa bundle	GARANZIA TEST FULL TRACTION	€ / m
					cod.
23	6,0 x 28,0 x 22,2	0,655	30	310	grigio micaceo grey micaceous CF060GM1030G 10,500
23	6,0 x 28,0 x 22,2	0,655	30	310	nero micaceo black micaceous CF060GM1030M 10,500
27	8,0 x 35,0 x 29,8	1,250	15	600	grigio micaceo grey micaceous CF080GM1015G 17,700
27	8,0 x 35,0 x 29,8	1,250	15	600	nero micaceo black micaceous CF080GM1015M 17,700



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



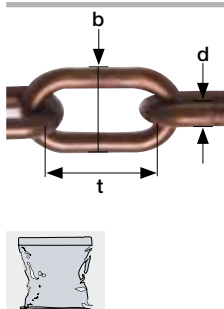
dimensioni dimensions	peso weight	matassa bundle	GARANZIA TEST FULL TRACTION	€ / m
d x t x b mm	≈ kg/m	m	cod.	
8,0 x 52,0 x 30,4	1,100	15	400	grigio micaceo grey micaceous CF080CM1015G 15,500
8,0 x 52,0 x 30,4	1,100	15	400	nero micaceo black micaceous CF080CM1015M 15,500
10,0 x 65,0 x 38,0	1,750	15	625	grigio micaceo grey micaceous CF100CM1015G 24,000
10,0 x 65,0 x 38,0	1,750	15	625	nero micaceo black micaceous CF100CM1015M 24,000



catena in plastica rossa e bianca red and white plastic chain



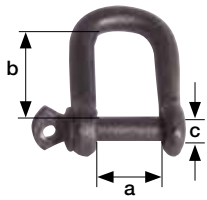
dimensioni dimensions	sacchetto bag	€ / m
d x t x b	m	cod.
6,0 x 27,0 x 24,0	25	bicolore rossa bianca bicolor red-white CP060BM1025 2,170
8,0 x 33,0 x 29,0	25	bicolore rossa bianca bicolor red-white CP080BM1025 2,995
10,0 x 54,0 x 42,0	12,5	bicolore rossa bianca bicolor red-white CP100BM2125 4,130



catena in plastica ramata copper plastic chain

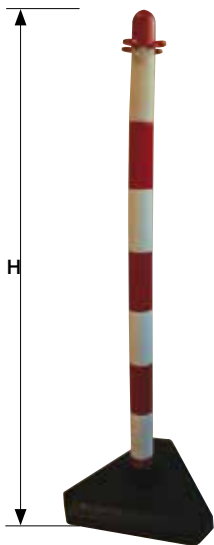


dimensioni dimensions	sacchetto bag	€ / m
d x t x b	m	cod.
6,0 x 27,0 x 24,0	25	ramata copper CT060BM1025 2,170
8,0 x 33,0 x 29,0	25	ramata copper CT080BM1025 2,995
10,0 x 54,0 x 42,0	12,5	ramata copper CT100BM2125 4,130



grilli verniciati micacei
straight shackles micaceous lacquered

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	1,600
1/4	6	13,0 x 28,0 x 6,0	nero micaceo black micaceous	GRIDM6	1,600
3/8	10	19,0 x 43,0 x 10,0	grigio micaceo grey micaceous	GRIDG10	2,885
3/8	10	19,0 x 43,0 x 10,0	nero micaceo black micaceous	GRIDM10	2,885



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

dimensioni dimensions		€/cad. €/PC
Hcm	cod.	
90	COLPLAS	10,145

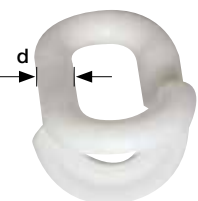
base triangolare colonna
triangular base for column

	cod.	€/cad. €/PC
riempita fill	BASECEM1	10,915
vuota empty	BASECEM2	6,065



base colonna rotonda - vuota da riempire
round base column - empty to fill

	cod.	€/cad. €/PC
	BASEPLASTONDA	15,215



maglia giunzione plastica
plastic connecting link

dmm	cod.	€/cad. €/PC
8	MAGPLAS8	0,320

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

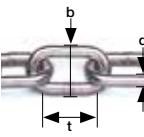
STAINLESS STEEL AISI 316

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 extremely 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



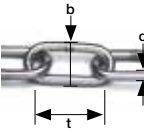
catena genovese inox AISI 304

Stainless steel AISI 304 genoise chain



n.	dimensioni	GARANZIA TEST	peso	lung.	matassa	scatola	scat.	bobina	bobina
n.	dimensions	 FULL TRACTION	weight	length	bundle	box	box	reel	reel
	d x t x bmm		≈	m	€/m	cod.	cod.	cod.	cod.
10	1,5 x 12,8 x 6,8	8	0,039	50	3,670 CX015GN1050	CX015GN1050000X	SCN	CX015GN1050000B	A15
13	2,0 x 13,8 x 9,0	20	0,064	50	4,280 CX020GN1050	CX020GN1050000X	SCN	CX020GN1050000B	A15
17	3,0 x 19,0 x 13,0	55	0,160	50	10,315 CX030GN1050	CX030GN1050000X	SCN	CX020GN1050000B	A30
19	4,0 x 21,5 x 15,3	100	0,275	50	13,490 CX040GN1050	CX040GN1050000X	SCN	CX040GN1050000B	A30
21	5,0 x 24,0 x 18,2	250	0,440	40	20,600 CX050GN1040	CX050GN1040000X	SCN	CX050GN1040000B	A30
23	6,0 x 28,0 x 22,2	310	0,655	30	29,695 CX060GN1030	CX060GN1030000X	SCN	CX060GN1030000B	A30
27	8,0 x 35,0 x 29,8	600	1,250	15	53,410 CX080GN1015	CX080GN1015000X	SCN	CX080GN1015000B	A30


Tolleranze come da tabelle DIN 5685-2 - Tolerances as DIN 5685-2 norms

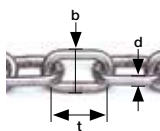


catena DIN 5685/C inox AISI 304

Stainless steel AISI 304 DIN 5685/C chain

dimensioni	GARANZIA TEST	peso	lung.	matassa	scatola	scat.	bobina	bobina
dimensions	 FULL TRACTION	weight	length	bundle	box	box	reel	reel
d x t x bmm		≈	m	€/m	cod.	cod.	cod.	cod.
2,5 x 24,0 x 9,5	30	0,100	50	5,285 CX025CN1050	CX025CN1050000X	SCN	CX025CN1050000B	A15
3,0 x 26,0 x 11,4	55	0,150	50	8,275 CX030CN1050	CX030CN1050000X	SCN	CX030CN1050000B	A30
4,0 x 32,0 x 15,2	100	0,270	50	11,405 CX040CN1050	CX040CN1050000X	SCN	CX040CN1050000B	A30
5,0 x 35,0 x 19,0	165	0,430	40	17,895 CX050CN1040	CX050CN1040000X	SCN	CX050CN1040000B	A30
6,0 x 42,0 x 22,8	225	0,630	30	25,080 CX060CN1030	CX060CN1030000X	SCN	CX060CN1030000B	A30
8,0 x 52,0 x 30,4	400	1,100	15	44,420 CX080CN1015	CX080CN1015000X	SCN	CX080CN1015000B	A30

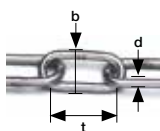


catena genovese inox AISI 316 Stainless steel AISI 316 genoese chain



n. n.	dimensioni dimensions	GARANZIA TEST FULL TRACTION	peso weight	lungh. length	matassa bundle	scatola box	scat. box	bobina reel	bobina reel
	d x t x bmm		≈ kg/m	m	€/m	cod.	cod.	cod.	
10	1,5 x 12,8 x 6,8	8	0,039	50	4,340 CY015GN1050	CY015GN1050000X	SCN	CY015GN1050000B	A15
13	2,0 x 13,8 x 9,0	20	0,064	50	5,105 CY020GN1050	CY020GN1050000X	SCN	CY020GN1050000B	A15
17	3,0 x 19,0 x 13,0	55	0,160	50	12,340 CY030GN1050	CY030GN1050000X	SCN	CY030GN1050000B	A30
19	4,0 x 21,5 x 15,3	110	0,275	50	18,710 CY040GN1050	CY040GN1050000X	SCN	CY040GN1050000B	A30
21	5,0 x 24,0 x 18,2	260	0,440	40	28,745 CY050GN1040	CY050GN1040000X	SCN	CY050GN1040000B	A30
23	6,0 x 28,0 x 22,2	310	0,655	30	40,620 CY060GN1030	CY060GN1030000X	SCN	CY060GN1030000B	A30
27	8,0 x 35,0 x 29,8	600	1,250	15	73,410 CY080GN1015	CY080GN1015000X	SCN	CY080GN1015000B	A30
30	10,0 x 40,0 x 37,0	1000	1,950	10	123,500 CY100GN1010	CY100GN1010000X	SCN	CY100GN1010000B	A30

Tolleranze come da tabelle DIN 5685-2 - Tolerances as DIN 5685-2 norms

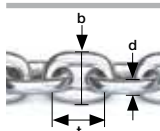


catena DIN 5685/C inox AISI 316 Stainless steel AISI 316 DIN 5685/C chain

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



dimensioni dimensions	GARANZIA TEST FULL TRACTION	peso weight	lungh. length	matassa bundle	scatola box	scat. box	bobina reel	bobina reel
d x t x bmm		≈ kg/m	m	€/m	cod.	cod.	cod.	
2,5 x 24,0 x 9,5	30	0,100	50	6,175 CY025CN1050	CY025CN1050000X	SCN	CY025CN1050000B	A15
3,0 x 26,0 x 11,4	55	0,150	50	9,660 CY030CN1050	CY030CN1050000X	SCN	CY030CN1050000B	A30
4,0 x 32,0 x 15,2	100	0,270	50	15,860 CY040CN1050	CY040CN1050000X	SCN	CY040CN1050000B	A30
5,0 x 35,0 x 19,0	165	0,430	40	24,970 CY050CN1040	CY050CN1040000X	SCN	CY050CN1040000B	A30
6,0 x 42,0 x 22,8	225	0,630	30	34,440 CY060CN1030	CY060CN1030000X	SCN	CY060CN1030000B	A30
8,0 x 52,0 x 30,4	400	1,100	15	61,285 CY080CN1015	CY080CN1015000X	SCN	CY080CN1015000B	A30

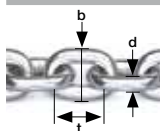


catena DIN 766 inox AISI 316 Stainless steel AISI 316 DIN 766 chain

(nuova DIN 5685-3)
(new DIN 5685-3)



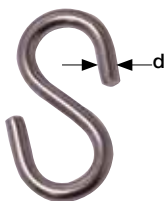
dimensioni dimensions	GARANZIA TEST FULL TRACTION	peso weight	lungh. length	matassa bundle	scatola box	scat. box	bobina reel	bobina reel
d x t x bmm		≈ kg/m	m	€/m	cod.	cod.	cod.	
4,0 x 16,0 x 12,8	200	0,320	50	20,865 CY0406N1050	CY0406N1050000X	SCN	CY0406N1050000B	A30
5,0 x 18,5 x 16,0	320	0,500	40	32,555 CY0506N1040	CY0506N1040000X	SCN	CY0506N1040000B	A30
6,0 x 18,5 x 19,2	400	0,800	30	46,985 CY0606N1030	CY0606N1030000X	SCN	CY0606N1030000B	A30
8,0 x 24,0 x 25,6	800	1,400	15	84,785 CY0806N1015	CY0806N1015000X	SCN	CY0806N1015000B	A30
10,0 x 28,0 x 32,0	1250	2,300	10	134,490 CY1006N1010	CY1006N1010000X	SCN	CY1006N1010000B	A30



catena NF E 26011 inox AISI 316 Stainless steel AISI 316 NF E 26011 chain



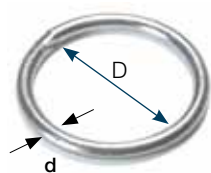
dimensioni dimensions	GARANZIA TEST FULL TRACTION	peso weight	lungh. length	matassa bundle	scatola box	scat. box	bobina reel	bobina reel
d x t x bmm		≈ kg/m	m	€/m	cod.	cod.	cod.	
10,0 x 30,0 x 33,0	1230	2,054	10	134,490 CY100EN1010	CY100EN1010000X	SCN	CY100EN1010000B	A30



ganci ad "S" inox AISI 316
Stainless steel AISI 316 "S" hooks



numero number	diametro diameter	peso weight		
	dmm	Kg/cad. Kg/PC	cod.	€/cad. €/PC
17	3	0,004	SY03000Z028	0,290
19	4	0,009	SY03900Z032	0,580
21	5	0,014	SY04900Z038	0,995
23	6	0,025	SY05900Z050	1,730



anelli inox AISI 304
Stainless steel AISI 304 rings

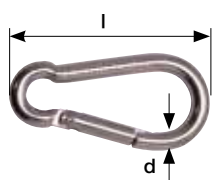


numero number	diametro diameter	diametro interno inside diameter	peso weight		
	dmm	D mm	Kg/cad. Kg/PC	cod.	€/cad. €/PC
17	3	20	0,007	AX03000Z020	0,565
19	4	25	0,010	AX04000Z025	0,700
21	5	30	0,017	AX04900Z030	1,060
23	6	35	0,026	AX05900Z035	1,460



maglie rapide inox AISI 316
Stainless steel AISI 316 quick links

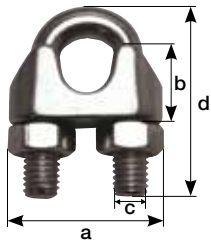
numero number	diametro diameter	dimensioni interne inside dimensions	peso weight		
	dmm	l mm	Kg/cad. Kg/PC	cod.	€/cad. €/PC
	4	32	0,011	MAGRAPIN3164	3,005
	5	39	0,022	MAGRAPIN3165	3,780
	6	45	0,038	MAGRAPIN3166	6,295
	8	58	0,080	MAGRAPIN3168	10,615
	10	69	0,144	MAGRAPIN31610	18,575



moschettoni pompieri inox AISI 316
Stainless steel AISI 316 fire brigade snap hooks

numero number	diametro diameter	dimensioni esterne outside dimensions	peso weight		
	dmm	l mm	Kg/cad. Kg/PC	cod.	€/cad. €/PC
	4	40	0,0135	MOSPOMIN31640	2,830
	5	50	0,0160	MOSPOMIN31650	3,210
	6	60	0,0270	MOSPOMIN31660	4,110
	8	80	0,0650	MOSPOMIN31680	7,430

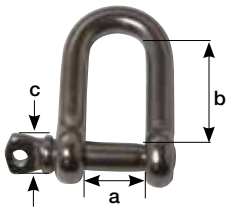




morsetti inox AISI 316

Stainless steel AISI 316 wire rope clips

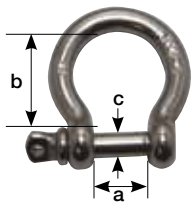
misure size	pollici	dimensioni dimensions	peso weight		
mm		a x b x c x d mm	Kg/cad. Kg/PC	cod.	€/cad. €/PC
3	1/8	21,0 x 8,0 x 4,0 x 20,0	0,0140	MORIN3163	3,090
5	3/16	24,0 x 9,0 x 5,0 x 24,0	0,0150	MORIN3165	3,495
6	1/4	29,0 x 9,0 x 6,0 x 34,0	0,0210	MORIN3166	3,940
8	5/16	33,0 x 12,0 x 6,0 x 35,0	0,0680	MORIN3168	5,150
10	3/8	37,0 x 13,0 x 8,0 x 42,0	0,0760	MORIN31610	7,695



grilli diritti inox AISI 316

Stainless steel AISI 316 dee shackles

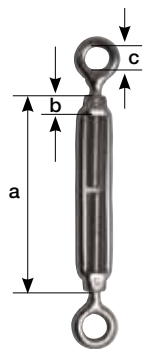
misure size	pollici	dimensioni dimensions	peso weight		
mm		a x b x c mm	Kg/cad. Kg/PC	cod.	€/cad. €/PC
5	3/16	10,0 x 21,0 x 5,0	0,0140	GRIDIN3165	3,485
6	1/4	13,0 x 28,0 x 6,0	0,0270	GRIDIN3166	3,815
8	5/16	16,0 x 36,0 x 8,0	0,0640	GRIDIN3168	5,885
10	3/8	19,0 x 43,0 x 10,0	0,1200	GRIDIN31610	9,880
12	1/2	25,0 x 57,0 x 12,0	0,2100	GRIDIN31612	15,900



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	3,615
6	1/4	12,0 x 28,5 x 6,0	0,0280	GRICIN3166	3,980
8	5/16	13,5 x 31,0 x 8,0	0,0640	GRICIN3168	5,860
10	3/8	16,8 x 36,6 x 10,0	0,1500	GRICIN31610	10,025
12	1/2	20,6 x 47,8 x 12,0	0,2230	GRICIN31612	15,855



tenditore a due occhi inox AISI 316

Stainless steel AISI 316 eye-eye turnbuckle

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	TEN00IN3165	6,500
6	1/4	80,0 x 11,0 x 10,0	0,0800	TEN00IN3166	9,915
8	5/16	109,0 x 14,0 x 12,0	0,1590	TEN00IN3168	17,685
10	3/8	130,0 x 20,0 x 13,0	0,2550	TEN00IN31610	24,815



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.

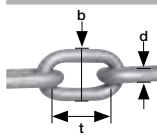
The process can be divided into the following separate phases:

- *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

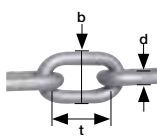


catena genovese zincata a caldo genovese chain hot dip. Galv



n. n.	dimensioni dimensions	GARANZIA TEST FULL TRACTION	peso weight	matassa bundle	zincata a caldo hot. dipped galv.	
	d x t x bmm		≈ kg/m	m	cod.	€/m
17	3,0 x 19,0 x 13,0	55	0,160	75	CF030GM1075C	3,110
18	3,4 x 20,0 x 12,8	100	0,210	75	CF034GM1075C	3,770
19	4,0 x 21,5 x 15,3	110	0,275	75	CF040GM1075C	4,520
20	4,4 x 21,8 x 16,6	200	0,355	50	CF044GM1050C	4,810
21	5,0 x 24,0 x 18,2	250	0,440	50	CF050GM1050C	5,915
22	5,5 x 25,0 x 20,0	300	0,540	40	CF055GM1040C	6,370
23	6,0 x 28,0 x 22,2	310	0,655	30	CF060GM1030C	7,440
24	6,5 x 29,5 x 24,0	400	0,780	25	CF065GM1025C	8,815
25	7,0 x 31,0 x 26,5	450	0,950	25	CF070GM1025C	10,090
26	7,5 x 31,5 x 28,0	550	1,100	25	CF075GM1025C	11,160
27	8,0 x 35,0 x 29,8	600	1,250	25	CF080GM1025C	12,600
28	9,0 x 37,0 x 34,0	800	1,500	25	CF090GM1025C	16,200
30	10,0 x 40,0 x 37,0	1000	1,950	25	CF100GM1025C	20,355
32	12,0 x 47,5 x 44,5	1400	2,850	25	CF120GM1025C	29,380
34	14,0 x 56,0 x 51,0	1800	4,150	20	CF140GM1020C	40,545
36	16,0 x 56,0 x 54,0	2500	5,300	20	CF160GM1020C	54,510
38	18,0 x 63,0 x 60,0	3500	6,700	20	CF180GM1020C	68,800
40	20,0 x 70,0 x 67,0	4300	8,100	20	CF200GM1020C	86,635

Tolleranze come da tabelle DIN 5685-2 - Tolerances as DIN 5685-2 norms

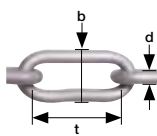


catena DIN 5685/A zincata a caldo DIN 5685/A chain hot dip. Galv

(nuova DIN 5685-2)
(new DIN 5685-2)



dimensioni dimensions	GARANZIA TEST FULL TRACTION	peso weight	matassa bundle	zincata a caldo hot. dipped galv.	
d x t x bmm		≈ kg/m	m	cod.	€/m
3,0 x 16,0 x 11,4	55	0,165	30	CF030AM1030C	3,480
4,0 x 19,0 x 15,2	100	0,300	30	CF040AM1030C	4,760
5,0 x 21,0 x 19,0	165	0,500	30	CF050AM1030C	6,535
6,0 x 24,0 x 22,8	225	0,730	30	CF060AM1030C	8,250
7,0 x 28,0 x 26,6	300	1,000	30	CF070AM1030C	10,740
8,0 x 32,0 x 30,4	400	1,300	30	CF080AM1030C	13,585
10,0 x 40,0 x 38,0	625	2,050	30	CF100AM1030C	20,565

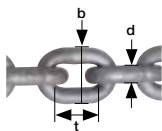


catena DIN 5685/C zincata a caldo hot dip. Galv chain DIN 5685/C chain

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



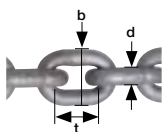
dimensioni dimensions	GARANZIA TEST FULL TRACTION	peso weight	matassa bundle	zincata a caldo hot. dipped galv.	
d x t x bmm		≈ kg/m	m	cod.	€/m
3,0 x 26,0 x 11,4	55	0,150	30	CF030CM1030C	2,835
3,5 x 28,0 x 13,3	75	0,200	30	CF035CM1030C	3,360
4,0 x 32,0 x 15,2	100	0,270	30	CF040CM1030C	4,135
4,5 x 34,0 x 17,1	125	0,350	30	CF045CM1030C	4,485
5,0 x 35,0 x 19,0	165	0,430	30	CF050CM1030C	5,245
6,0 x 42,0 x 22,8	225	0,630	30	CF060CM1030C	6,640
7,0 x 49,0 x 26,6	300	0,860	30	CF070CM1030C	8,790
8,0 x 52,0 x 30,4	400	1,100	30	CF080CM1030C	11,320
10,0 x 65,0 x 38,0	625	1,750	30	CF100CM1030C	17,650
12,0 x 78,0 x 45,6	900	2,550	20	CF120CM1020C	25,650
13,0 x 82,0 x 49,4	1060	2,950	20	CF130CM1020C	32,110
16,0 x 100,0 x 56,0	2000	4,400	20	CF160CM1020C	45,795
20,0 x 100,0 x 75,0	3000	7,450	20	CF200CM1020C	74,495



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



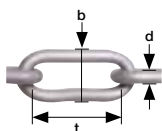
dimensioni dimensions	GARANZIA TEST FULL TRACTION	peso weight	matassa bundle	zincata a caldo hot. dipped galv.	
d x t x bmm		≈ kg/m	m	cod.	€/m
5,0 x 15,0 x 16,5	250	0,545	30	CF050EM1030C	6,940
6,0 x 18,0 x 19,8	360	0,785	30	CF060EM1030C	9,040
7,0 x 21,0 x 23,1	440	1,070	30	CF070EM1030C	11,580
8,0 x 24,0 x 26,4	640	1,400	30	CF080EM1030C	14,510
10,0 x 30,0 x 33,0	1000	2,185	30	CF100EM1030C	22,150
12,0 x 36,0 x 39,6	1445	3,145	15	CF120EM1015C	33,700
14,0 x 42,0 x 46,2	1970	4,280	15	CF140EM1015C	42,580
16,0 x 48,0 x 52,8	2570	5,590	15	CF160EM1015C	57,100



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



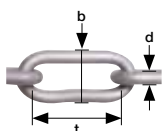
dimensioni dimensions	GARANZIA TEST FULL TRACTION	peso weight	matassa bundle	zincata a caldo hot. dipped galv.	
d x t x bmm		≈ kg/m	m	cod.	€/m
4,0 x 16,0 x 12,8	150	0,310	30	CF0406M1030C	4,720
5,0 x 18,5 x 16,0	250	0,500	30	CF0506M1030C	6,375
6,0 x 18,5 x 19,2	350	0,770	30	CF0606M1030C	8,950
7,0 x 22,0 x 22,4	450	1,040	30	CF0706M1030C	11,340
8,0 x 24,0 x 25,6	640	1,400	30	CF0806M1030C	14,620
10,0 x 28,0 x 32,0	900	2,225	30	CF1006M1030C	22,930
13,0 x 36,0 x 41,6	1600	3,780	15	CF1306M1015C	41,450
14,0 x 41,0 x 44,8	1900	4,280	15	CF1406M1015C	43,100
16,0 x 45,0 x 51,2	2500	5,685	15	CF1606M1015C	58,690



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



dimensioni dimensions	GARANZIA TEST FULL TRACTION	peso weight	matassa bundle	zincata a caldo hot. dipped galv.	
d x t x bmm		≈ kg/m	m	cod.	€/m
4,0 x 32,0 x 15,2	150	0,270	30	CF0403M1030C	4,135
5,0 x 35,0 x 19,0	210	0,430	30	CF0503M1030C	5,435
6,0 x 42,0 x 22,8	270	0,630	30	CF0603M1030C	6,720
7,0 x 49,0 x 26,6	350	0,860	30	CF0703M1030C	8,900
8,0 x 52,0 x 30,4	460	1,100	30	CF0803M1030C	11,460
10,0 x 65,0 x 38,0	700	1,750	30	CF1003M1030C	18,310
13,0 x 82,0 x 49,4	1200	2,950	15	CF1303M1015C	33,955
16,0 x 100,0 x 60,8	2200	4,450	15	CF1603M1015C	48,425

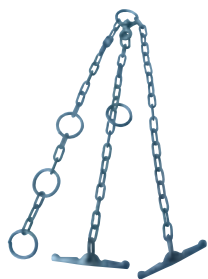


catena norma ISO 4565 zincata a caldo hot dip. galv chain ref. ISO 4565 NORM



dimensioni dimensions	GARANZIA TEST FULL TRACTION	peso weight	matassa bundle	zincata a caldo hot. dipped galv.	
d x t x bmm		≈ kg/m	m	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





legami 3 capi catena a maglia genovese

Links for cattle genoese chain



numero number	diametro diameter	peso weight	lucidi bright	BLUCR-CA		
	mm	Kg/cad. Kg/PC	cod.	€/cad. €/PC	cod.	€/cad. €/PC
18	3,5	0,490	LEGGEN3CLUC18	16,700	LEGGEN3CZIN18	17,250
19	4,0	0,650	LEGGEN3CLUC19	19,370	LEGGEN3CZIN19	20,125
20	4,5	0,820	LEGGEN3CLUC20	24,800	LEGGEN3CZIN20	25,750
21	5,0	1,040	LEGGEN3CLUC21	26,410	LEGGEN3CZIN21	28,000
22	5,5	1,300	LEGGEN3CLUC22	29,960	LEGGEN3CZIN22	31,450
23	6,0	1,650	LEGGEN3CLUC23	32,755	LEGGEN3CZIN23	34,650
24	6,5	1,970	LEGGEN3CLUC24	37,850	LEGGEN3CZIN24	40,105
25	7,0	2,400	LEGGEN3CLUC25	43,925	LEGGEN3CZIN25	46,675
26	7,5	2,950	LEGGEN3CLUC26	57,930	LEGGEN3CZIN26	61,315



legami 3 capi catena a maglia ritorta

Links for cattle twisted chain



numero number	diametro diameter	peso weight	lucidi bright	BLUCR-CA		
	mm	Kg/cad. Kg/PC	cod.	€/cad. €/PC	cod.	€/cad. €/PC
17	3,0	0,265	LEGPRU3CLUC17	15,705	LEGPRU3CZIN17	16,000
18	3,5	0,500	LEGPRU3CLUC18	16,350	LEGPRU3CZIN18	16,915
19	4,0	0,670	LEGPRU3CLUC19	18,565	LEGPRU3CZIN19	19,335
20	4,5	0,836	LEGPRU3CLUC20	24,140	LEGPRU3CZIN20	25,100
21	5,0	1,020	LEGPRU3CLUC21	26,460	LEGPRU3CZIN21	27,640
22	5,5	1,350	LEGPRU3CLUC22	29,900	LEGPRU3CZIN22	31,445
23	6,0	1,650	LEGPRU3CLUC23	32,900	LEGPRU3CZIN23	34,780
24	6,5	2,000	LEGPRU3CLUC24	38,540	LEGPRU3CZIN24	40,430
25	7,0	2,300	LEGPRU3CLUC25	46,210	LEGPRU3CZIN25	48,845
26	7,5	3,000	LEGPRU3CLUC26	59,420	LEGPRU3CZIN26	62,870

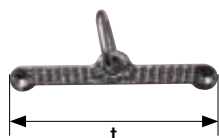


givolari zincati

zinc-plated loose ring swivel



numero number	diametro diameter	€/scatola €/box	pz./sacchetto PCS/bag	€/cad. €/PC
	dmm	cod.		
21	5,0	GIVZINCEL5	10	4,000
23	6,0	GIVZINCEL6	10	4,350
25	7,0	GIVZINCEL7	10	5,650
27	8,0	GIVZINCEL8	10	6,000



traversini zincati

zinc-plated toggle



lunghezza length	€/sacchetto €/bag	pz./sacchetto PCS/bag	€/cad. €/PC
Lmm	cod.		
100	TRAVZINCEL100	10	3,000
120	TRAVZINCEL120	10	4,000
135	TRAVZINCEL135	10	5,100







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