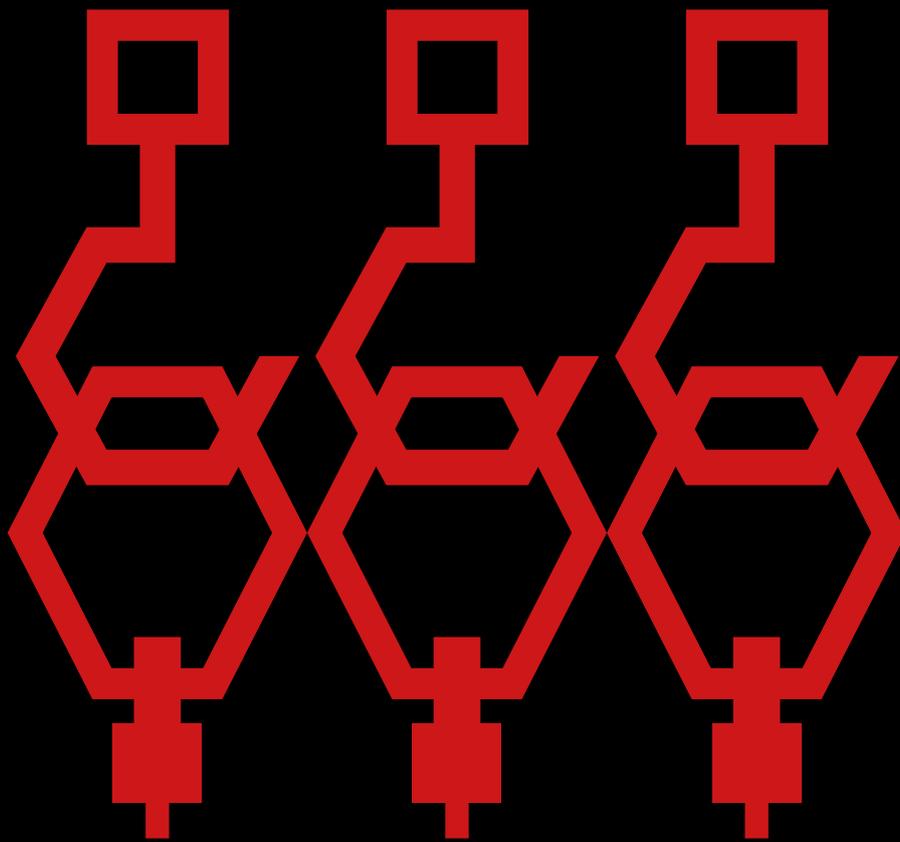


The Art of Lifting



CARCANO

The art of lifting





The history

1960 HOT STEEL FORGING PLANT

At the end of the 1950s, Giuseppe Carcano with his wife Ebe Barri and sister Franca Carcano, transformed the family's mechanical workshop into a hot steel forging plant, thus opening the way to new markets. Stamperia Carcano was established.



2007



THE CARTEC BRAND

March 2007 saw the launch of the CARTEC range. CARTEC asserted itself over the following years as a distinctive brand with growing recognition.

1970 TECHNOLOGICAL INNOVATIONS

The introduction of significant technological advances led to considerable improvements in quality which took the company on its way to new foreign markets.



2018



STROPS

In 2018 CARCANO acquired Strops srl, the historic manufacturer of lifting slings and anchoring systems and thus incorporated the STROPS brand.

1980 GROWTH AND EXPORTS

The 1980s heralded a roaring success of the company in terms of sales growth. Exports grew significantly due, above all, to the extended range of products together with the definitive success of the CARCANO brand, an identifier of quality that the markets learnt to acknowledge



2019



CARFER

The historic range of accessories for cables and chains acquired an aspect of its own. Alongside its already well-known CARTEC brand, CARCANO presented CARFER, another step along the road to renewing the image that the company has undertaken in recent years.

1990 A SUCCESSFUL ENTERPRISE

At the end of the 1990s, CARCANO was one of the leading European frontrunners in the industry. The products were widely acclaimed by highly-satisfied customers on account of their high quality, resistance and durability.



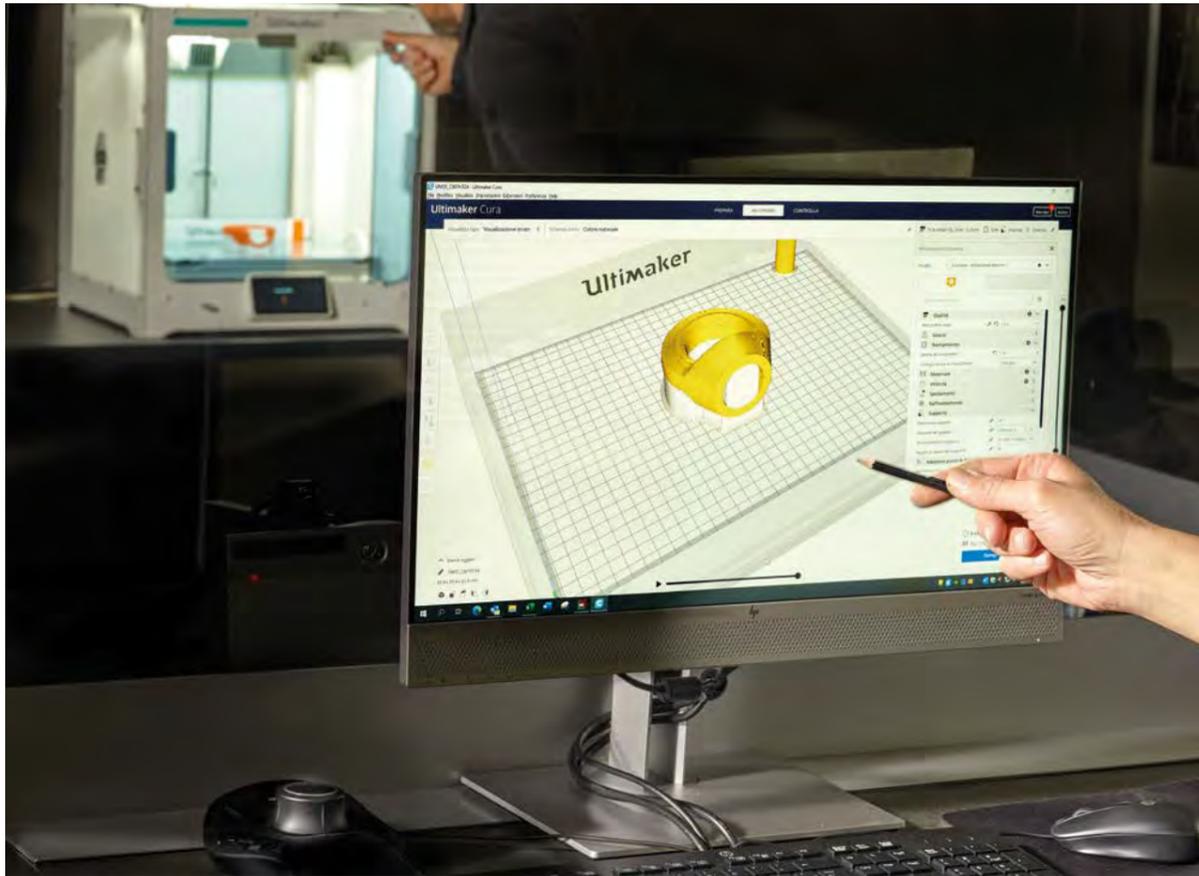
2023



ALWAYS LOOKING STRAIGHT AHEAD

Playing today's game with the ability to look to the future, understanding the market's needs in advance, proposing products and services that provide ever better quality, resistance and performance: these are the philosophies that CARCANO adopts. New projects, new ideas, new sectors and new challenges: this is the air that CARCANO breathes every day.





The engineering department has the most advanced technologies available both for designing pieces and creating prototypes that are identical to the real thing.



Every detail of our accessories for lifting systems is studied and checked with the utmost attention, for a top quality result.

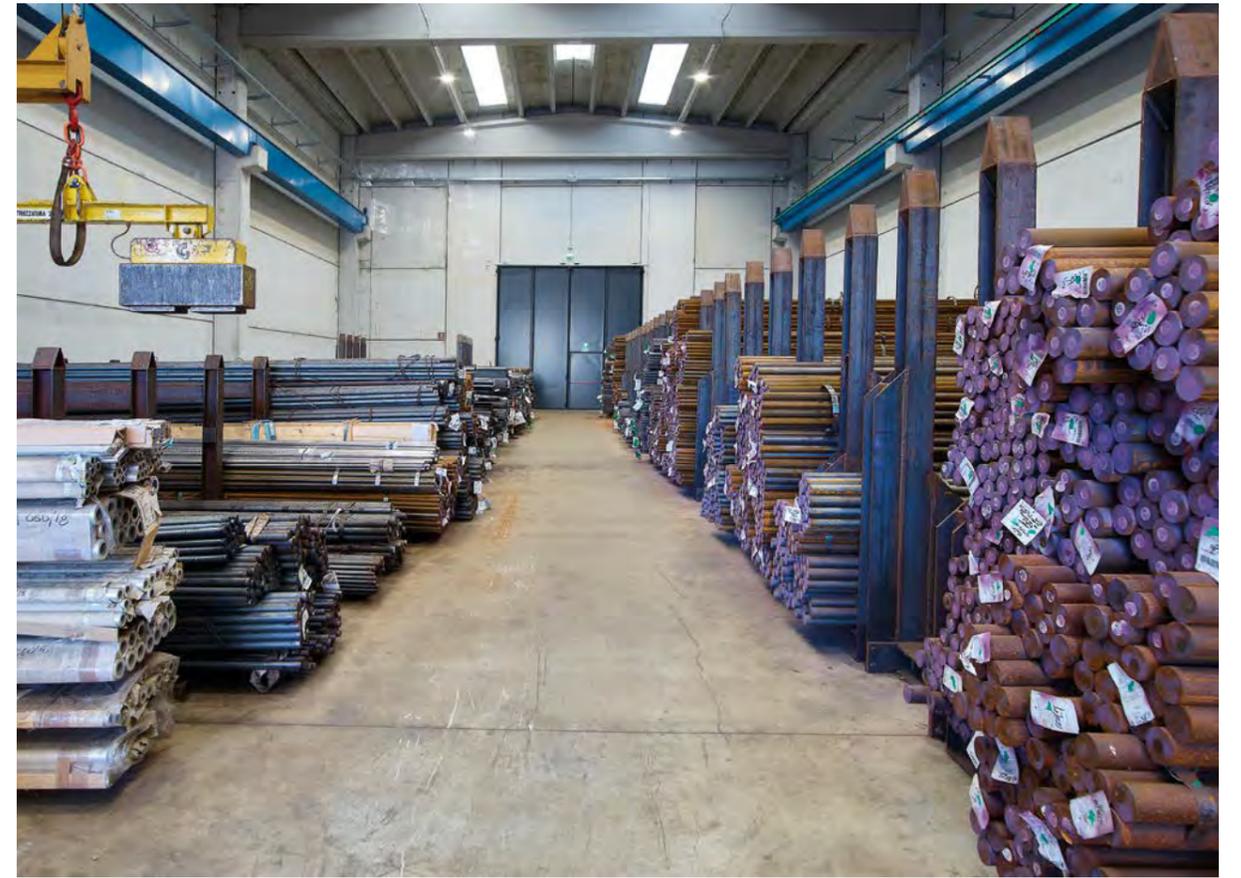
Design

Carcano's design and prototyping office is always hard at work improving and extending the already vast catalogue of CARTEC products, and creating ad hoc solutions to deal with specific problems and needs. Bolstered by many years of experience in the sector of accessories for lifting systems, thanks to direct, ongoing dialogues with our end users and supported by the most up-to-date technologies, our technicians are able to design innovative, high-performance items, develop full-sized prototypes and – after testing the effective quality of the product – create the dies for full production.





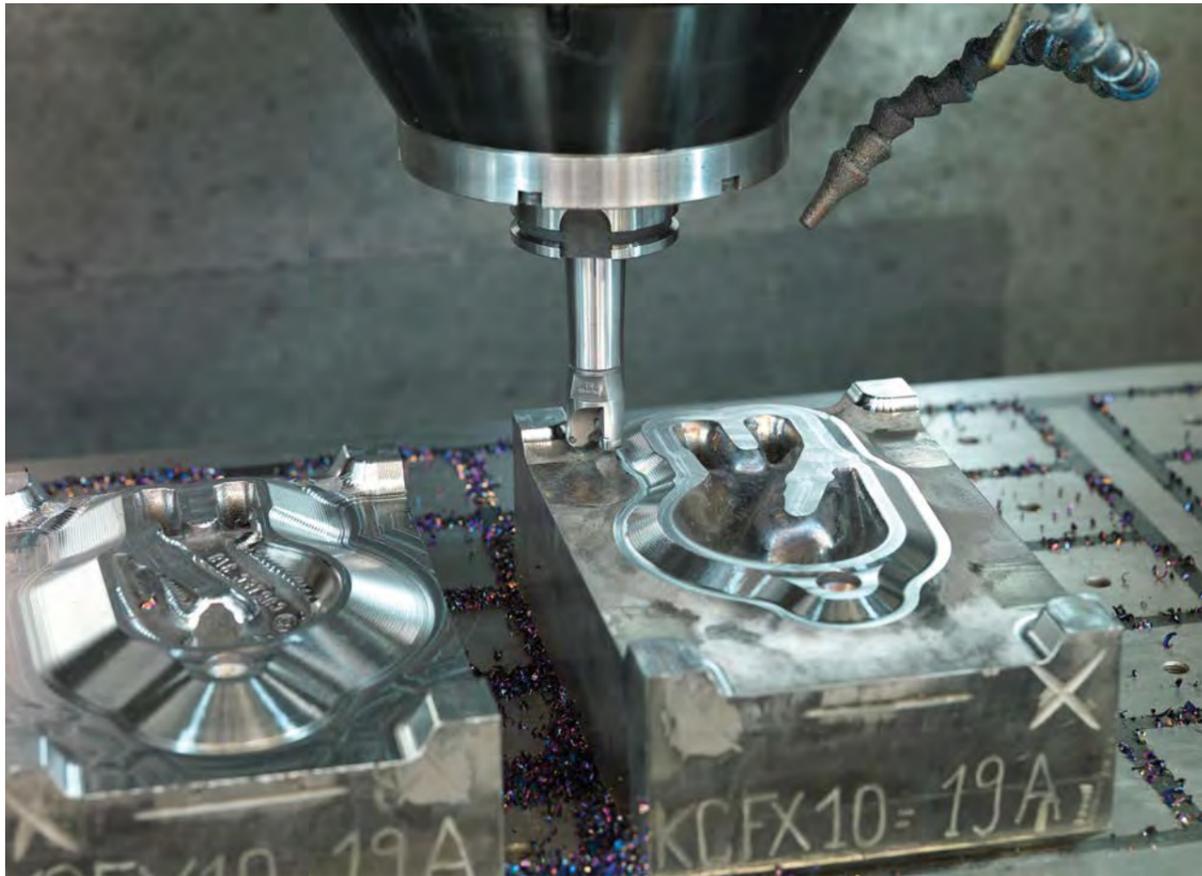
◀ For the production of its accessories for lifting systems, Carcano only uses raw materials of certified quality that have undergone careful selection.



◀ Even the raw materials we use are included in the precise tracking system developed by Carcano, so as to be able to trace the precise lot, whenever it is required.

To manufacture excellent products, choosing the very best raw materials is of fundamental importance: for the accessories used with CARTEC lifting systems we choose only high quality materials, subjected to rigorous technical tests to ensure their reliability and strength during use. The raw materials used by Carcano for the production of CARTEC lifting-system accessories come from the best Italian steelworks, approved after careful acceptance tests that are performed on each batch before they are sent for processing.





Carcano performs in-house all the processing and machining required to manufacture its lifting systems: from the initial dies to the actual production, from the tests to storage and shipping operations; every phase is managed internally so as to ensure quality, control and flexibility. It is thanks to this philosophy, based on the principle of total quality, that over the years Carcano has successfully tackled an increasing number of different markets and sectors, implementing and improving the range of products it offers.



^ All stages in the development of CARTEC products take place in our production plants, including the creation of the dies for the various pieces.

< We are convinced that quality and control are two sides of the same coin: for this reason each process responds to precise in-house protocols.





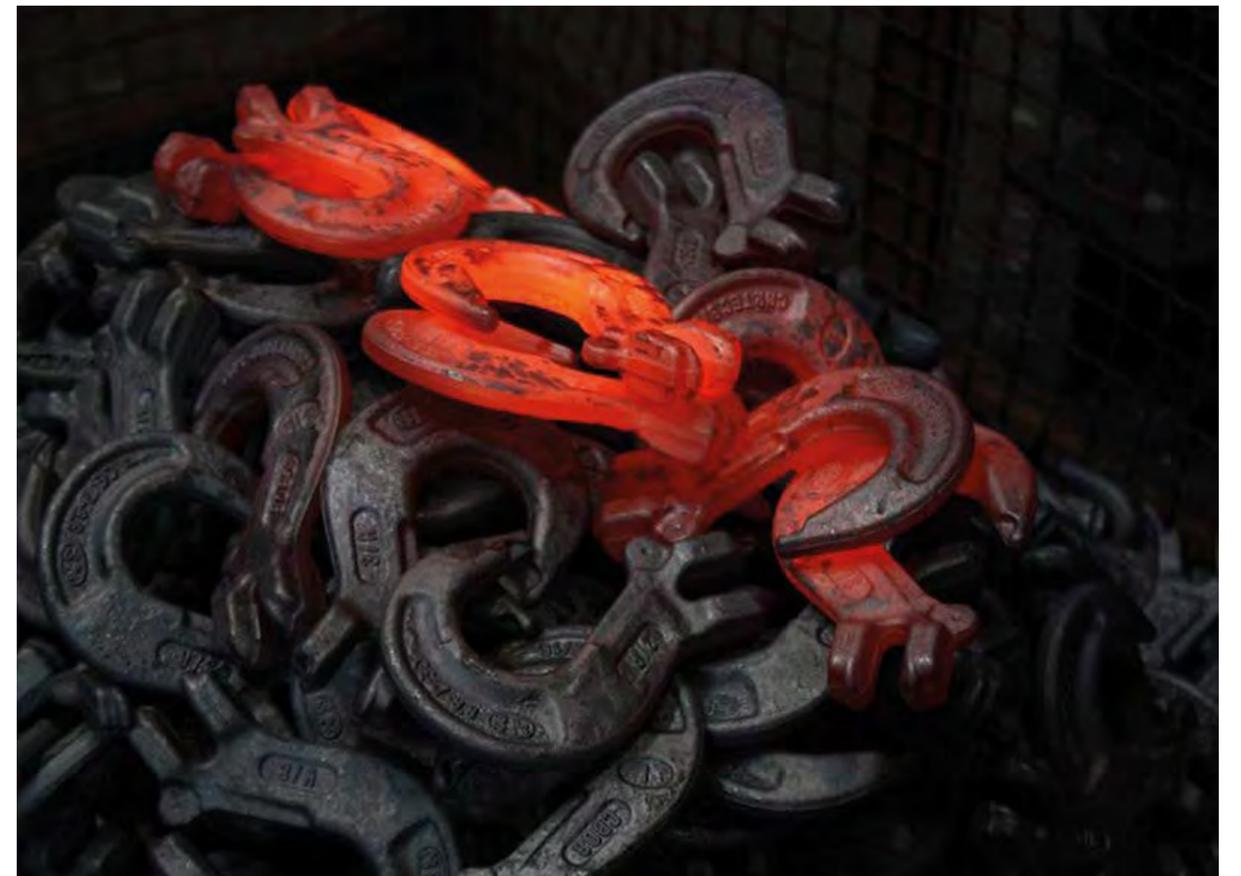
Hot forging has always been the heart of Carcano production: precision, quality, experience and craftsmanship go hand-in-hand with the most advanced technologies.



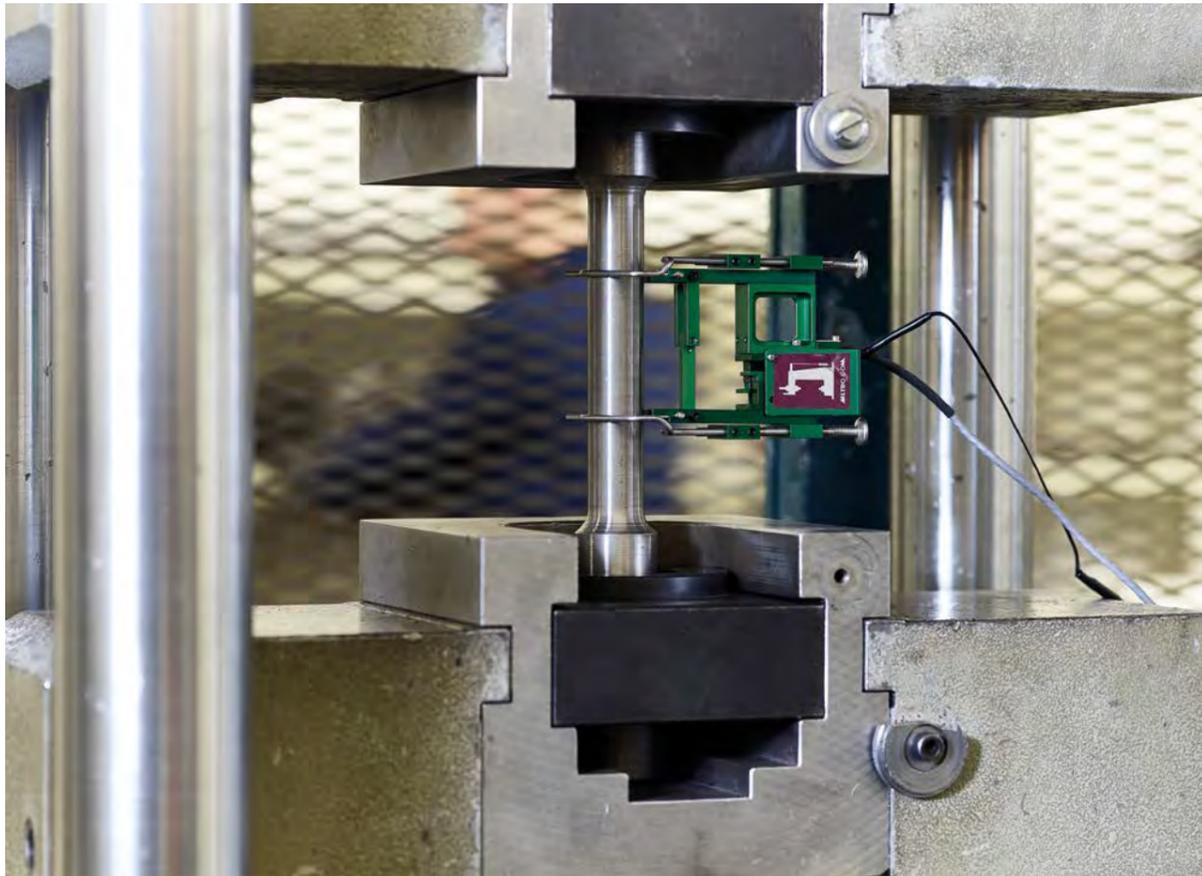
Each item made by Carcano is subjected to the most rigorous controls, so as to ensure our customers enjoy constant quality over time.

Production

The core of Carcano production is obviously centred around hot forging: in order to perform these operations, we have installed modern automated systems that ensure we enjoy high precision and high quality as well as consistent results over time. Furthermore, a modern and completely independent mechanical workshop for the production of moulds and related dies also allows us to guarantee our customers short lead times and great flexibility in the production range.







Carcano quality is the result of comprehensive and rigorous controls at every stage: from design to prototyping, from the choice of raw materials to processing and from the finishes and laboratory testing to storage. A cutting-edge testing facility, equipped with all the best and latest technologies, provides evidence of our determination to pursue, improve and define a new concept of total quality. The Carcano laboratory performs traction tests, spectrometric analyses and X-rays, resilience and fatigue testing, magnetic particle inspections and other checks.

Quality control



^ Every batch of our products is carefully checked to ensure maximum safety and full compliance with the required criteria.

< The Carcano in-house laboratory is able independently to carry out destructive and non-destructive tests on every aspect of the pieces.





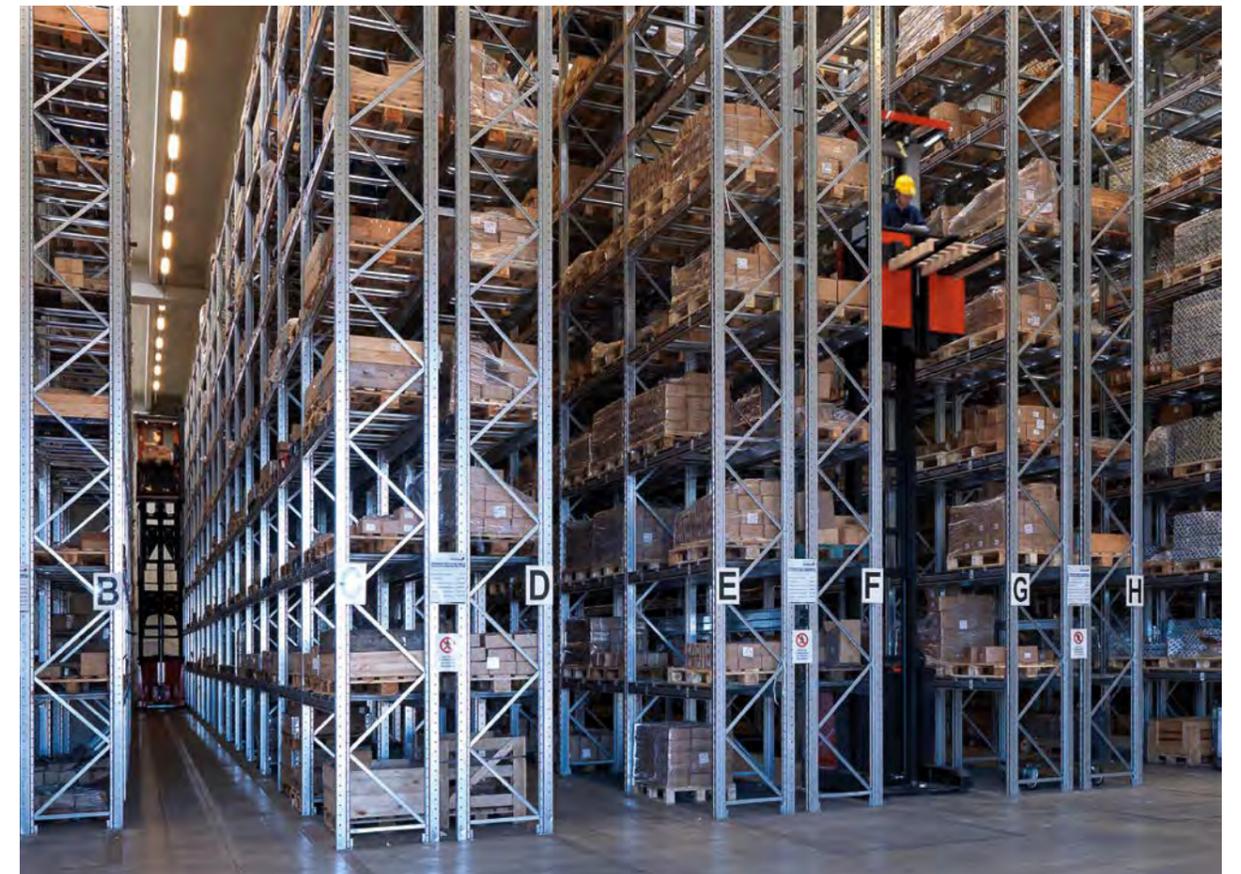
◀ Warehouse automation allows you to speed up and improve the efficiency of operations geared to preparing, packing and shipping items, for an increasingly efficient service.



Implementing an optimal system of warehouse management also means being able to keep stocks of each product under control at all times and manage their supply together with the production departments.

Automation

The most up-to-date automated technologies, increasingly integrated into Carcano's internal processes, have been applied in particular to the warehouse, the centrepiece of our logistics system. Our products are stored in a modern, well-equipped and fully automated warehouse, which has a customised picking and storage system. This department is outstanding in its efficiency, effective use of space and performance, optimising and ensuring delivery times.





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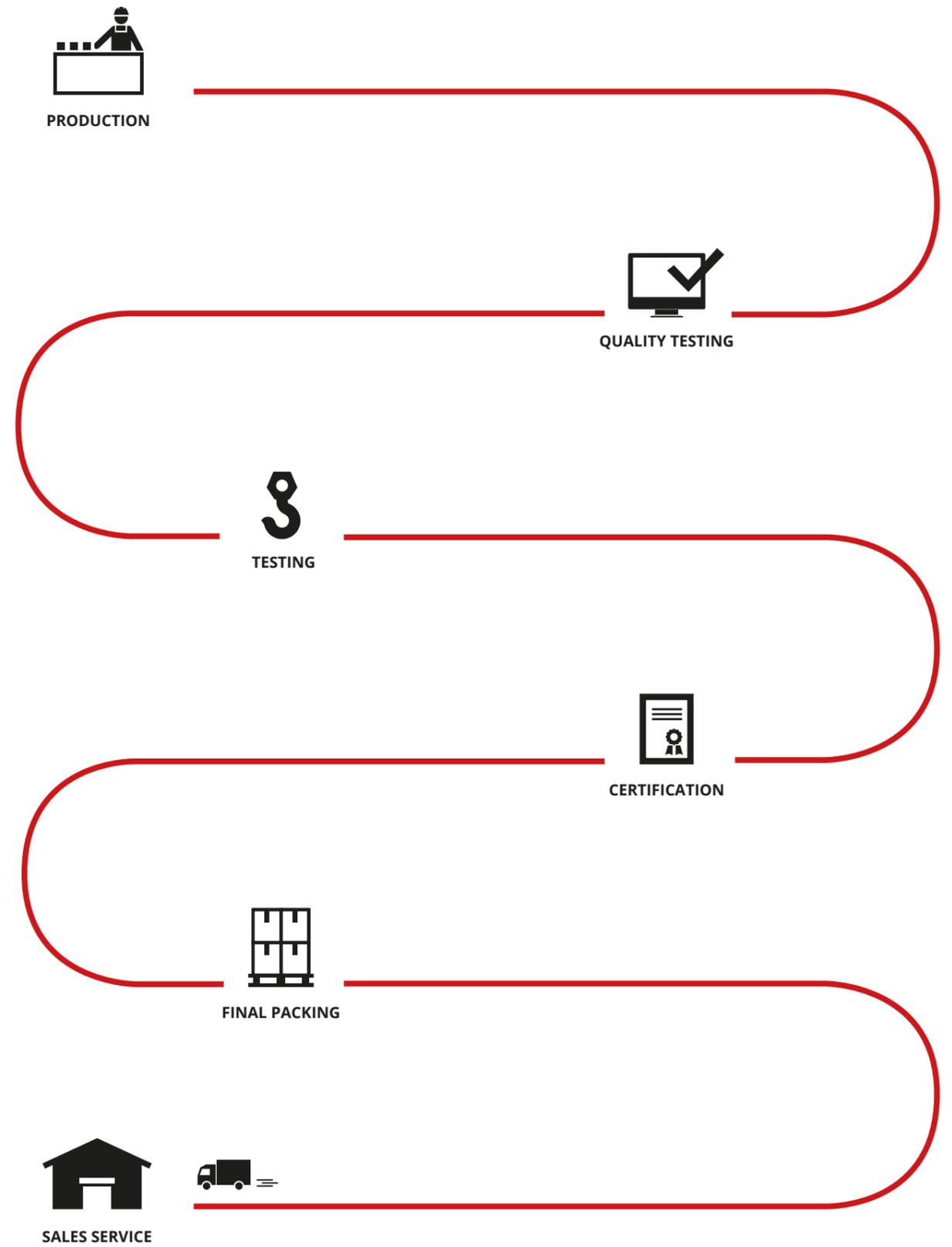
N

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Traceability

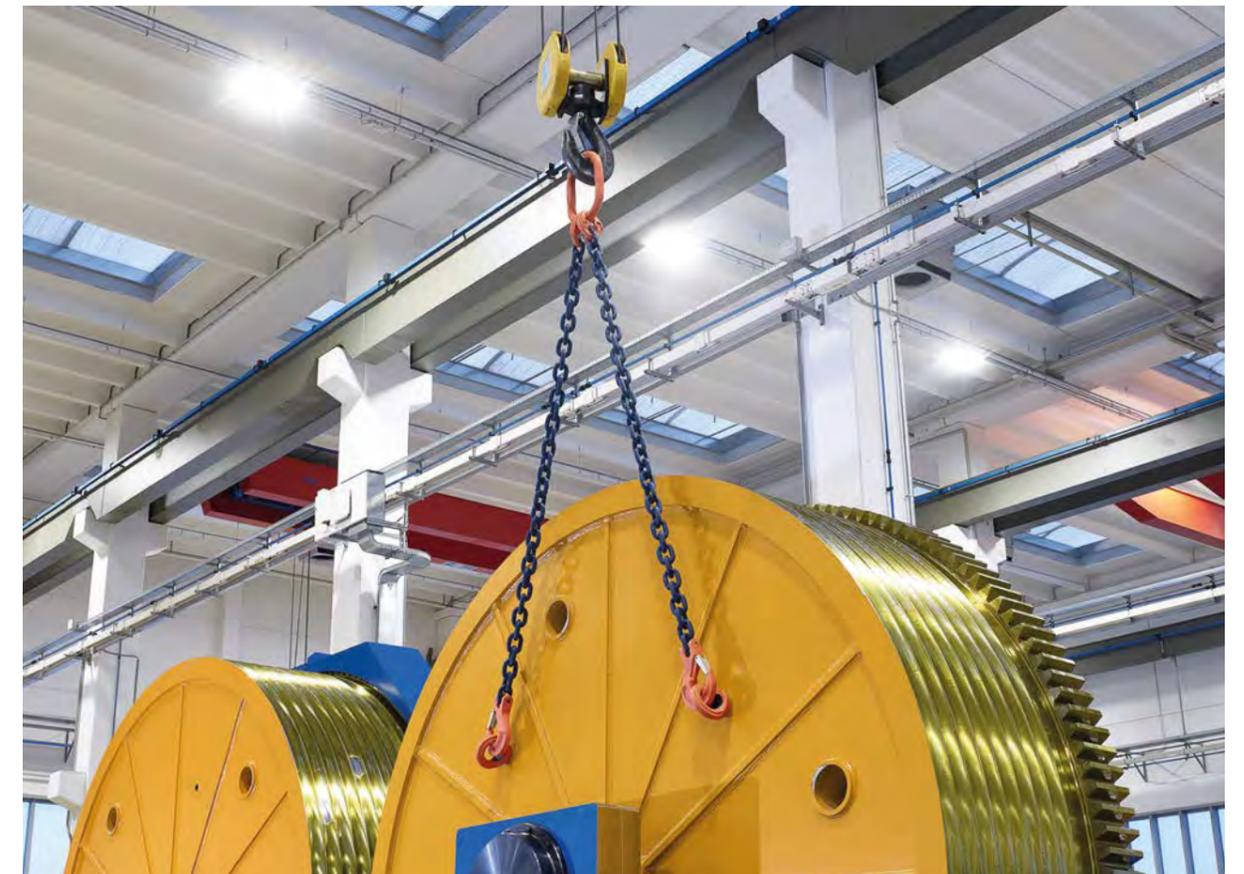
When we talk about lifting systems, safety is paramount: every step within our production process is designed and organised to ensure not only top quality, but also accurate controls of each single part which leaves our production facilities, where all the work processes concerning CARTEC lifting systems are performed. For Carcano, tracking is not only a legal obligation to be complied with, it is also part of a specific production philosophy which aims at uncompromising quality: this is why we can at any time reconstruct the entire cycle of every single part and, if necessary, recover information on the other parts included in the same production batch. In addition, Carcano produces and stores the certificates relating to each individual product and these can be requested and received anywhere in the world so that they can be stored and shared among various offices in digital format.





Certifying your products and processes is an act of respect towards your stakeholders. It means not only undertaking to achieve certain objectives, but also giving all stakeholders, whatever their capacity, the certainty that your products are totally reliable. This is why Carcano has always gone down the road of certification, whether it is to certify specific procedures linked to technical features of individual products, or whether certification is required for more broad-based processes linked, for example, to quality (ISO 9001) or the environment (ISO 14001). One certification we are particularly proud of is the coveted H92 mark issued by DGUV.

Certification





CARTEC



Eyebolts / Weld-on points / PPE

p. 32



Lifting accessories

p. 82



Lifting accessories

p. 100



Lifting accessories

p. 118

CARFER



Fittings for ropes and chains

p. 124



Stainless steel fittings for ropes and chains

p. 160

STROPS



Lifting slings and lashing systems

p. 186



CARTEC 100 and 80 SWIVEL EYEBOLTS / WELD-ON POINTS / PPE

A wide range of swivel eyebolts, products for lifting, for moving and for overturning heavy loads, as well as personal restraining devices:

everything directly manufactured by CARCANO.

C800

ROTATING EYEBOLT WITH RING - can be oriented during loading

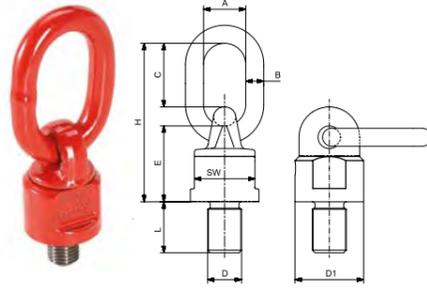


FORESEEN USE

Rotating eyebolt needed to lift loads to assemble to the load itself with specific threaded hole generally used to turn or tilt heavy loads.

- Coefficient 4 in all loading directions
- Designed, tested and certified in compliance with the technical directives GS-OA 15-04 - EN 1677
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Tested at 100 % magnaflux
- Tested at 20.000 fatigue cycles
- Non standard threading and stem length upon request
- Can be oriented at 360° with self aligning tilting ring at 180°
- Assembled with spheres to make load orientation easier
- On the axial pull there can be variation of +/-5° with a 10% decrease in capacity

Available, on demand, not standard threading and stem length.



Code	Size mm DxL	W.L.L. t	A mm	B mm	C mm	E mm	H mm	SW mm	D1 mm	Weight Kg
C800030816	M8x16	0,3	30	13	46	50	105	30	38	0,48
C800030818	M8x18	0,3	30	13	46	50	105	30	38	0,48
C800031018	M10x18	0,3	30	13	46	50	105	30	38	0,48
C800051218	M12x18	0,5	30	13	46	50	105	30	38	0,5
C800051225	M12x25	0,5	30	13	46	50	105	30	38	0,5
C800101620	M16x20	1,12	30	13	46	50	105	30	38	0,5
C800101630	M16x30	1,12	30	13	46	50	105	30	38	0,53
C800102030	M20x30	1,12	30	13	46	50	105	30	38	0,53
C800202030	M20x30	2	34	16	57	61	131	40	50	1,05
C800302430	M24x30	3,15	40	18	70	68	153	48	58	1,63
C800503035	M30x35	5,3	45	22	65	80	165	65	75	2,23
C800503045	M30x45	5,3	45	22	65	80	165	65	75	2,23
C800803035	M30x35	8	50	23	95	95	205	75	85	5,3
C800803045	M30x45	8	50	23	95	95	205	75	85	5,3
C800803654	M36x54	8	50	23	95	95	205	75	85	5,5
C8001004263	M42x63	10	50	23	95	95	205	75	85	10
C8001504860	M48x60	15	70	32	120	130	280	95	120	10
C8001505678	M56x78	15	70	32	120	130	280	95	120	10
C8001506496	M64x96	15	70	32	120	130	280	95	120	10
C80025072108	M72x108	25	90	45	130	165	338	140	170	29
C80030080120	M80x120	30	90	45	130	165	338	140	170	29
C80035090135	M90x135	35	90	45	130	165	338	140	170	29

Working load limit W.L.L. (t)

Code	Size mm DxL	Working load limit (t)											Max tightening torque Nm
		0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs		
C800030816	0,3 t - M8x16	0,6	1,2	0,3	0,6	0,42	0,3	0,3	0,63	0,45	0,3	10	
C800030818	0,3 t - M8x18	0,6	1,2	0,3	0,6	0,42	0,3	0,3	0,63	0,45	0,3	10	
C800031018	0,3 t - M10x18	0,6	1,2	0,3	0,6	0,42	0,3	0,3	0,63	0,45	0,3	10	
C800051218	0,5 t - M12x18	1	2	0,5	1	0,75	0,5	0,5	1,1	0,75	0,5	10	
C800051225	0,5 t - M12x25	1	2	0,5	1	0,75	0,5	0,5	1,1	0,75	0,5	10	
C800101620	1,12 t - M16x20	2	4	1,12	2	1,5	1,12	1,12	2,36	1,6	1,12	30	
C800101630	1,12 t - M16x30	2	4	1,12	2	1,5	1,12	1,12	2,36	1,6	1,12	30	
C800102030	1,12 t - M20x30	2	4	1,12	2	1,5	1,12	1,12	2,36	1,6	1,12	70	
C800202030	2 t - M20x30	4	8	2	4	2,8	2	2	4	3	2	70	
C800302430	3,15 t - M24x30	6,3	12,5	3,15	6,3	4,25	3,15	3,15	6,3	4,75	3,15	150	
C800503035	5,3 t - M30x35	10,6	21,2	5,3	10,6	7,1	5,3	5,3	11,2	8	5,3	225	
C800503045	5,3 t - M30x45	10,6	21,2	5,3	10,6	7,1	5,3	5,3	11,2	8	5,3	225	
C800803035	8 t - M30x35	12,5	25	8	16	11,2	8	8	16,8	12	8	225	
C800803045	8 t - M30x45	12,5	25	8	16	11,2	8	8	16,8	12	8	225	
C800803654	8 t - M36x54	12,5	25	8	16	11,2	8	8	16,8	12	8	410	
C8001004263	10 t - M42x63	15	30	10	20	14	10	10	21,2	15	10	550	
C8001504860	15 t - M48x60	25	50	15	30	21	15	15	31,5	22,5	15	550	
C8001505678	15 t - M56x78	25	50	15	30	21	15	15	31,5	22,5	15	800	
C8001506496	15 t - M64x96	25	50	15	30	21	15	15	31,5	22,5	15	800	
C80025072108	25 t - M72x108	35	70	25	50	35	25	25	52,5	37,5	25	800	
C80030080120	30 t - M80x120	35	70	30	60	42	30	30	63	45	30	1500	
C80035090135	35 t - M90x135	35	70	35	70	49	35	35	73,5	52,5	35	2000	

NOT SUITABLE FOR CONTINUOUS ROTATING MOVEMENT DURING LOADING

C800 UNC

ROTATING EYEBOLT WITH RING - can be oriented during loading

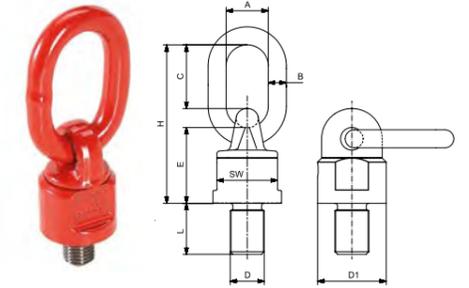


FORESEEN USE

Rotating eyebolt needed to lift loads to assemble to the load itself with specific threaded hole generally used to turn or tilt heavy loads.

- Coefficient 4 in all loading directions
- Designed, tested and certified in compliance with the technical directives GS-OA 15-04 - EN 1677
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Tested at 100 % magnaflux
- Tested at 20.000 fatigue cycles
- Non standard threading and stem length upon request
- Can be oriented at 360° with self aligning tilting ring at 180°
- Assembled with spheres to make load orientation easier
- On the axial pull there can be variation of +/-5° with a 10% decrease in capacity

Available, on demand, not standard threading and stem length.



Code	Size UNC - DxL	W.L.L. t	A mm	B mm	C mm	E mm	H mm	SW mm	D1 mm	Weight Kg
C80003UNC51616	5/16" - 18x16	0,3	30	13	46	50	105	30	38	0,48
C80003UNC3818	3/8" - 16x18	0,3	30	13	46	50	105	30	38	0,48
C80005UNC1225	1/2" - 13x25	0,5	30	13	46	50	105	30	38	0,5
C80010UNC5830	5/8" - 11x30	1,12	30	13	46	50	105	30	38	0,53
C80020UNC3430	3/4" - 10x30	2	34	16	57	61	131	40	50	1,05
C80030UNC130	1" - 8x30	3,15	40	18	70	68	153	48	58	1,63
C80050UNC11445	1 1/4" - 7x45	5,3	45	22	65	80	165	65	75	2,23
C80080UNC11254	1 1/2" - 6x54	8	50	23	95	95	205	75	85	5,3
C800100UNC13463	1 3/4" - 5x63	10	50	23	95	95	205	75	85	10
C80015UNC260	2" - 4,5x60	15	70	32	120	130	280	95	120	10
C80015UNC21478	2 1/4" - 4,5x78	15	70	32	120	130	280	95	120	10
C80015UNC21296	2 1/2" - 4x96	15	70	32	120	130	280	95	120	10
C80016UNC234104	2 3/4" - 4x104	16	70	32	120	130	280	95	120	10
C80025UNC3108	3" - 4x108	25	90	45	130	165	338	140	170	29
C80035UNC3121353	1/2" - 4x135	35	90	45	130	165	338	140	170	29

Working load limit W.L.L. (t)

Code	Size UNC DxL	Shank length mm	Working load limit (t)											Max tightening torque Nm
			0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs		
C80003UNC51616	5/16" - 18x16	16	0,6	1,2	0,3	0,6	0,42	0,3	0,3	0,63	0,45	0,3	10	
C80003UNC3818	3/8" - 16x18	18	0,6	1,2	0,3	0,6	0,42	0,3	0,3	0,63	0,45	0,3	10	
C80005UNC1225	1/2" - 13x25	25	1	2	0,5	1	0,75	0,5	0,5	1,1	0,75	0,5	10	
C80010UNC5830	5/8" - 11x30	30	2	4	1,12	2	1,5	1,12	1,12	2,36	1,6	1,12	30	
C80020UNC3430	3/4" - 10x30	30	4	8	2	4	2,8	2	2	4	3	2	70	
C80030UNC130	1" - 8x30	30	6,3	12,5	3,15	6,3	4,25	3,15	3,15	6,3	4,75	3,15	150	
C80050UNC11445	1 1/4" - 7x45	45	10,6	21,2	5,3	10,6	7,1	5,3	5,3	11,2	8	5,3	225	
C80080UNC11254	1 1/2" - 6x54	54	12,5	25	8	16	11,2	8	8	16,8	12	8	225	
C800100UNC13463	1 3/4" - 5x63	63	15	30	10	20	14	10	10	21,2	15	10	550	
C80015UNC260	2" - 4,5x60	60	25	50	15	30	21	15	15	31,5	22,5	15	550	
C80015UNC21478	2 1/4" - 4,5x78	78	25	50	15	30	21	15	15	31,5	22,5	15	800	
C80015UNC21296	2 1/2" - 4x96	96	25	50	15	30	21	15	15	31,5	22,5	15	800	
C80016UNC234104	2 3/4" - 4x104	104	25	50	16	32	21	15	15	31,5	22,5	15	800	
C80025UNC3108	3" - 4x108	108	35	70	25	50	35	25	25	52,5	37,5	25	1200	
C80035UNC3121353	1/2" - 4x135	135	35	70	35	70	49	35	35	73,5	52,5	35	2000	

NOT SUITABLE FOR CONTINUOUS ROTATING MOVEMENT DURING LOADING

CARTEC

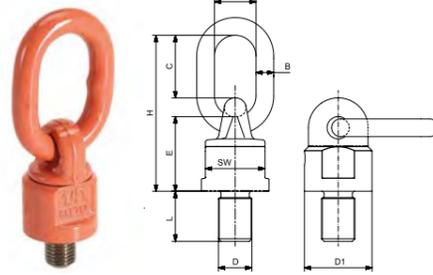
C800X

ROTATING EYEBOLT WITH RING - can be oriented during loading



FORESEEN USE

Rotating eyebolt needed to lift loads to assemble to the load itself with specific threaded hole generally used to turn or tilt heavy loads.



- Coefficient 4 in all loading directions
- Designed, tested and certified in compliance with the technical directives GS-OA 15-04 - EN 1677
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Tested at 100 % magnaflux
- Tested at 20.000 fatigue cycles
- Non standard threading and stem length upon request
- Can be oriented at 360° with self aligning tilting ring at 180°
- Assembled with spheres to make load orientation easier
- On the axial pull there can be variation of +/-5° with a 10% decrease in capacity

Available, on demand, not standard threading and stem length.

Code	Size mm DxL	W.L.L. t	A mm	B mm	C mm	E mm	H mm	SW mm	D1 ø mm	Weight Kg
C800X0030816	M8x16	0,3	30	13	46	50	105	30	38	0,48
C800X0030818	M8x18	0,3	30	13	46	50	105	30	38	0,48
C800X0051018	M10x18	0,5	30	13	46	50	105	30	38	0,48
C800X0071218	M12x18	0,7	30	13	46	50	105	30	38	0,5
C800X0101420	M14x20	1	30	13	46	50	105	30	38	0,53
C800X0141620	M16x20	1,4	30	13	46	50	105	30	38	0,53
C800X0172030	M20x30	1,7	30	13	46	50	105	30	38	0,53
C800X0172430	M24x30	1,7	30	13	46	50	105	30	38	0,53
C800X0252030	M20x30	2,5	34	16	57	61	131	40	50	1,05
C800X0402430	M24x30	4	40	18	70	68	153	48	58	1,63
C800X0403035	M30x35	4	40	18	70	68	153	48	58	1,63
C800X0673035	M30x35	6,7	45	22	65	71	156	70	80	2,85
C800X0803045	M30x45	8	50	23	91	86	200	80	90	4,4
C800X1003654	M36x54	10	50	23	91	86	200	80	90	4,62
C800X1254263	M42x63	12,5	50	23	91	86	200	80	90	5,2
C800X1254560	M45x60	12,5	50	23	91	86	200	80	90	5,2
C800X1254872	M48x72	12,5	50	23	91	86	200	80	90	5,2
C800X1604560	M45x60	16	70	32	120	112	262	100	120	10,9
C800X1704860	M48x60	17	70	32	120	112	262	100	120	10,9
C800X1805678	M56x78	18	70	32	120	112	262	100	120	10,9
C800X2006496	M64x96	20	70	32	120	112	262	100	120	10,9
C800X2806496	M64x96	28	90	45	124	165	333	140	170	29
C800X31572108	M72x108	31,5	90	45	124	165	333	140	170	29
C800X35080120	M80x120	35	90	45	124	165	333	140	170	29
C800X40090135	M90x135	40	90	45	124	165	333	140	170	29

Working load limit W.L.L. (t)

Code	Size mm DxL	W.L.L. (t)											Max tightening torque (Nm)
		0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs		
C800X0030816	0,3 t - M8x16	0,6	1,2	0,3	0,6	0,42	0,3	0,3	0,63	0,45	0,3	10	
C800X0030818	0,3 t - M8x18	0,6	1,2	0,3	0,6	0,42	0,3	0,3	0,63	0,45	0,3	10	
C800X0051018	0,5 t - M10x18	1	2	0,5	1	0,75	0,5	0,5	1	0,75	0,5	10	
C800X0071218	0,7 t - M12x18	1,4	2,4	0,7	1,4	1	0,7	0,7	1,4	1	0,7	10	
C800X0101420	1 t - M14x20	2	4	1	2	1,4	1	1	2,1	1,5	1	25	
C800X0141620	1,4 t - M16x20	2,8	5,6	1,4	2,8	2	1,4	1,4	3	2,1	1,4	30	
C800X0172030	1,7 t - M20x30	3,4	6,8	1,7	3,4	2,4	1,7	1,7	3,6	2,5	1,7	70	
C800X0172430	1,7 t - M24x30	3,4	6,8	1,7	3,4	2,4	1,7	1,7	3,6	2,5	1,7	70	
C800X0252030	2,5 t - M20x30	5	10	2,5	5	3,5	2,5	2,5	5,3	3,7	2,5	70	
C800X0402430	4 t - M24x30	8	16	4	8	5,6	4	4	8,4	6	4	150	
C800X0403035	4 t - M30x35	8	16	4	8	5,6	4	4	8,4	6	4	150	
C800X0673035	6,7 t - M30x35	12	24	6,7	13,4	9,4	6,7	6,7	14	10	6,7	225	
C800X0803045	8 t - M30x45	12,5	25	8	16	11,2	8	8	16,8	12	8	225	
C800X1003654	10 t - M36x54	15	30	10	20	14	10	10	21,2	15	10	410	
C800X1254263	12,5 t - M42x63	15	30	12,5	25	17,5	12,5	12,5	26,2	18,7	12,5	550	
C800X1254560	12,5 t - M45x60	15	30	12,5	25	17,5	12,5	12,5	26,2	18,7	12,5	550	
C800X1254872	12,5 t - M48x72	15	30	12,5	25	17,5	12,5	12,5	26,2	18,7	12,5	550	
C800X1604560	16 t - M45x60	25	50	16	30	21,2	16	16	31,5	22,4	16	550	
C800X1704860	17 t - M48x60	25	50	17	34	23,5	17	17	35,7	25,5	17	550	
C800X1805678	18 t - M56x78	25	50	18	36	25,2	18	18	37	27	18	800	
C800X2006496	20 t - M64x96	25	50	20	40	28	20	20	42,5	30	20	800	
C800X2806496	28 t - M64x96	32,5	84	28	56	39,2	28	28	58,8	42	28	800	
C800X31572108	31,5 t - M72x108	50	100	31,5	63	44,1	31,5	31,5	66,2	47,2	31,5	800	
C800X35080120	35 t - M80x120	50	100	35	70	49	35	35	73,5	52,5	35	1500	
C800X40090135	40 t - M90x135	50	100	40	80	56	40	40	85	60	40	2000	

NOT SUITABLE FOR CONTINUOUS ROTATING MOVEMENT DURING LOADING

CARTEC

C811X

HEAVY LIFT SWIVEL HOIST RING - in axis pull with minimum overall dimensions with coefficient 5



FORESEEN USE

Anchorage point for load lifting.

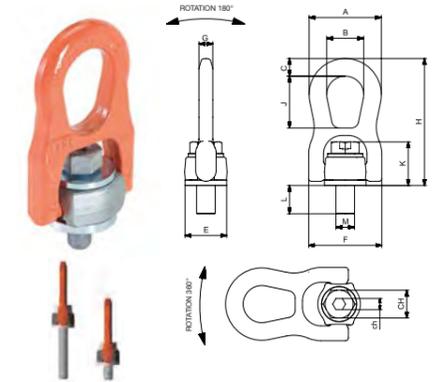
- Safety coefficient 5 in all loading directions
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Can be oriented at 360°
- Tested at 100 % magnaflux
- Tested at 20.000 fatigue cycles
- The screw is protected with the GEOMET system which guarantees lasting protection in time
- Ideal for fastening at 90°
- Captive screws
- The screws are manufactured to allow use with universal hexagonal keys

Please use the devise with the screw supplied, if replaced CARCANO SPA disclaims any and all responsibility or liability.

Available, on demand, not standard threading and stem length.

Available also with UNC thread.

Also available with interchangeable screw. In case of screw's replacement please use screws with the same mechanical characteristics to the one furnished along with the article.

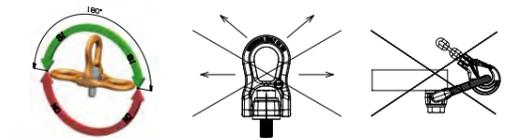


Code	Size mm	W.L.L. t	A mm	B mm	C mm	E mm	F mm	G mm	H mm	J mm	K mm	L mm	CH mm	ch mm	Weight Kg
C811X08	M8	0,3	56	28	14	30	55	11	99	40	33,5	12	13	5	0,37
C811X10	M10	0,6	56	28	14	30	55	11	99	40	34,5	15	17	6	0,37
C811X12	M12	1	56	28	14	30	55	11	99	40	35,5	18	19	7	0,37
C811X14	M14	1,3	74,5	38	18	47	78	17	135,5	55	46	21	22	7	1,3
C811X16	M16	1,6	74,5	38	18	47	78	17	135,5	55	46,5	25	24	10	1,3
C811X18	M18	2	74,5	38	18	47	78	17	135,5	55	47	27	27	10	1,3
C811X20	M20	2,5	74,5	38	18	47	78	17	135,5	55	48	30	30	12	1,3
C811X22	M22	3	106	56	25	62	114,5	22	198,5	84	63,5	33	32	12	4
C811X24	M24	4	106	56	25	62	114,5	22	198,5	84	64,5	36	36	14	4
C811X27	M27	5	106	56	25	62	114,5	22	198,5	84	66,5	40	41	14	4
C811X30	M30	6,3	106	56	25	62	114,5	22	198,5	84	68	45	46	17	4

Working load limit W.L.L. (t)

Code	Size mm	Size UNC	W.L.L. (t)											Max tightening torque (Nm)
			0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs		
C811X08	M8	5/16" - 18	0,5	1	0,3	0,6	0,4	0,3	0,6	0,3	0,6	0,45	0,3	10
C811X10	M10	3/8" - 16	1	2	0,6	1,2	0,8	0,6	1,2	0,6	1,3	0,9	0,6	15
C811X12	M12	1/2" - 13	1,3	2,6	1	2	1,4	1	2	1,1	2,1	1,5	1	25
C811X14	M14		2	4	1,3	2,6	1,8	1,3	2,7	1,3	2,7	1,9	1,3	30
C811X16	M16	5/8" - 11	2,5	5	1,6	3,2	2,2	1,6	3,4	1,6	3,4	2,4	1,6	60
C811X18	M18		3	6	2	4	2,8	2	4,2	2	4,2	3	2	100
C811X20	M20	3/4" - 10	3,5	7	2,5	5	3,5	2,5	5,3	2,5	5,3	3,7	2,5	120
C811X22	M22	7/8" - 9	4,5	9	3	6	4,2	3	6,3	3	6,3	4,5	3	130
C811X24	M24	1" - 8	5,5	11	4	8	5,6	4	8,4	4	8,4	6	4	200
C811X27	M27	1 1/8" - 7	6,5	13	5	10	7	5	10,5	5	10,5	7,5	5	250
C811X30	M30	1 1/4" - 7	7	14	6,3	12,6	8,8	6,3	13,2	6,3	13,2	9,4	6,3	350

NOT ALLOWED



THE DEVICE IS NOT SUITABLE FOR ROTATION DURING LOADING

C811X H.T.

HEAVY LIFT SWIVEL HOIST RING H.T. - in axis pull with minimum overall dimensions

FORESEEN USE

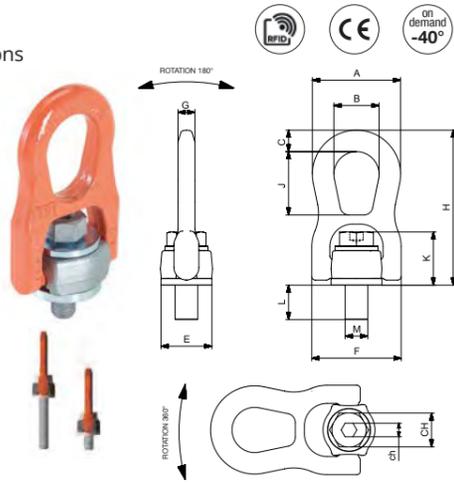
Anchorage point for load lifting.

- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Can be oriented at 360°
- Tested at 100 % magnaflux
- Tested at 20.000 fatigue cycles
- The screw is protected with the GEOMET system which guarantees lasting protection in time
- Ideal for fastening at 90°
- Captive screws
- The screws are manufactured to allow use with universal hexagonal keys

Please use the devise with the screw supplied, if replaced CARCANO SPA disclaims any and all responsibility or liability.

Available, on demand, not standard threading and stem length.

Available also with UNC thread.



Code	Size mm	W.L.L. 5:1 t	W.L.L. 4:1 t	A mm	B mm	C mm	E mm	F mm	G mm	H mm	J mm	K mm	L mm	CH mm	ch mm	Weight Kg
C811XHT08	M8	0,4	0,5	56	28	14	30	55	11	99	40	33,5	12	13	5	0,37
C811XHT10	M10	0,7	0,9	56	28	14	30	55	11	99	40	34,5	15	17	6	0,37
C811XHT12	M12	1,1	1,35	56	28	14	30	55	11	99	40	35,5	18	19	7	0,37
C811XHT14	M14	1,4	1,8	74,5	38	18	47	78	17	135,5	55	46	21	22	7	1,3
C811XHT16	M16	2	2,5	74,5	38	18	47	78	17	135,5	55	46,5	25	24	10	1,3
C811XHT18	M18	2	2,5	74,5	38	18	47	78	17	135,5	55	47	27	27	10	1,3
C811XHT20	M20	3,2	4	74,5	38	18	47	78	17	135,5	55	48	30	30	12	1,3
C811XHT22	M22	3,5	4,5	106	56	25	62	114,5	22	198,5	84	63,5	33	32	12	4
C811XHT24	M24	5	6,3	106	56	25	62	114,5	22	198,5	84	64,5	36	36	14	4
C811XHT27	M27	5	6,3	106	56	25	62	114,5	22	198,5	84	66,5	40	41	14	4
C811XHT30	M30	6,4	8	106	56	25	62	114,5	22	198,5	84	68	45	46	17	4

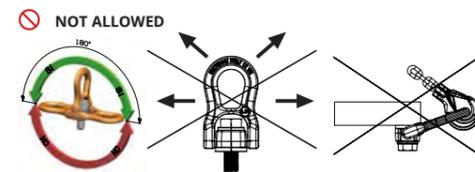
Working load limit W.L.L. (t)

W.L.L. (t) calculated with the safety coefficient 5.1

Code	Size mm	Size UNC	0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs	Max tightening torque Nm
C811XHT08	M8	5/16" - 18	0,8	1,6	0,4	0,8	0,56	0,4	0,4	0,84	0,6	0,4	10
C811XHT10	M10	3/8" - 16	1,3	2,6	0,7	1,4	0,98	0,7	0,7	1,47	1,05	0,7	15
C811XHT12	M12	1/2" - 13	1,5	3	1,1	2,2	1,5	1,1	1,1	2,3	1,6	1,1	25
C811XHT14	M14	2,5	5	1,4	2,8	1,96	1,4	1,4	1,4	2,94	2,1	1,4	30
C811XHT16	M16	5/8" - 11	2,7	5,4	2	4	2,8	2	2	4,25	3	2	60
C811XHT18	M18	2,7	5,4	2	4	2,8	2	2	2	4,25	3	2	100
C811XHT20	M20	3/4" - 10	3,2	6,4	3,2	6,4	4,5	3,2	3,2	6,7	4,8	3,2	120
C811XHT22	M22	7/8" - 9	5,5	11	3,5	7	4,9	3,5	3,5	7,35	5,25	3,5	130
C811XHT24	M24	1" - 8	6	12	5	10	7,1	5	5	10,6	7,5	5	200
C811XHT27	M27	1 1/8" - 7	6	12	5	10	7,1	5	5	10,6	7,5	5	250
C811XHT30	M30	1 1/4" - 7	9	18	6,4	12,8	9	6,4	6,4	13,5	9,6	6,4	350

W.L.L. (t) marked on the eyebolt calculated with the safety coefficient 4.1

C811XHT08	M8	5/16" - 18	1	2	0,5	1	0,7	0,5	0,5	1,05	0,75	0,5	10
C811XHT10	M10	3/8" - 16	1,5	3	0,9	1,8	1,26	0,9	0,9	1,9	1,35	0,9	15
C811XHT12	M12	1/2" - 13	1,5	3	1,35	2,7	1,9	1,35	1,35	2,84	2	1,35	25
C811XHT14	M14	2,6	5,2	1,8	3,6	2,5	1,8	1,8	1,8	3,8	2,7	1,8	30
C811XHT16	M16	5/8" - 11	2,8	5,6	2,5	5	3,5	2,5	2,5	5,25	3,75	2,5	60
C811XHT18	M18	2,8	5,6	2,5	5	3,5	2,5	2,5	2,5	5,25	3,75	2,5	100
C811XHT20	M20	3/4" - 10	4	8	4	8	5,6	4	4	8,4	6	4	120
C811XHT22	M22	7/8" - 9	6	12	4,5	9	6,3	4,5	4,5	9,45	6,75	4,5	130
C811XHT24	M24	1" - 8	6,5	13	6,3	12,6	8,8	6,3	6,3	13,2	9,5	6,3	200
C811XHT27	M27	1 1/8" - 7	6,5	13	6,3	12,6	8,8	6,3	6,3	13,2	9,5	6,3	250
C811XHT30	M30	1 1/4" - 7	9	18	8	16	11,2	8	8	17	11,8	8	350



△ THE DEVICE IS NOT SUITABLE FOR ROTATION DURING LOADING

C812X

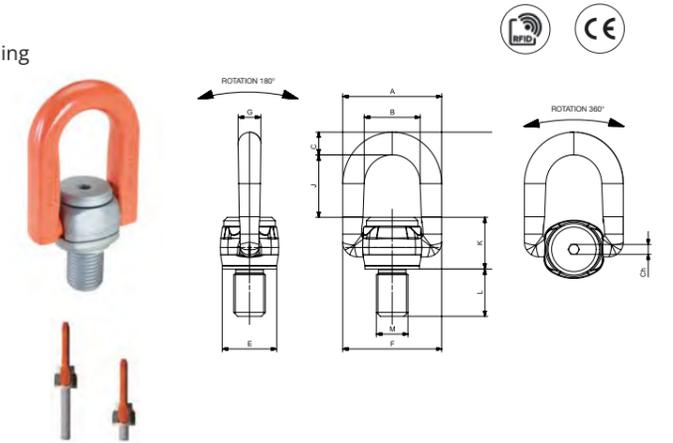
HEAVY LIFT SWIVEL HOIST RING - can be oriented during loading

FORESEEN USE

Anchorage point for load lifting.

- Safety coefficient 4 in all loading directions
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Can be oriented at 360°
- Tested at 100 % magnaflux
- Tested according to EN 1677
- Ideal for fastening at 90°
- Captive screws
- The screws are manufactured to allow use with universal hexagonal keys

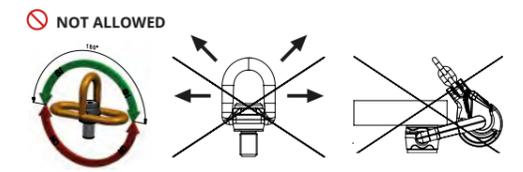
Available, on demand, not standard threading and stem length.



Code	Size mm	W.L.L. t	A mm	B mm	C mm	E mm	F mm	G mm	H mm	J mm	K mm	L mm	ch mm	Weight Kg
C812X33	M33	8	150	85	32	76,5	150	32	220	108	80	50	17	6
C812X36	M36	10	150	85	32	76,5	150	32	220	108	80	54	17	6
C812X39	M39	10	150	85	32	76,5	150	32	220	108	80	58	17	6
C812X42	M42	12,5	150	85	32	76,5	150	32	220	108	80	63	17	6
C812X45	M45	15	176	100	39	95	176	39	257	128	90	63	17	10,5
C812X48	M48	17	176	100	39	95	176	39	257	128	90	68	17	10,5
C812X52	M52	20	176	100	39	95	176	39	257	128	90	68	17	10,5
C812X56	M56	25	200	113	46	110	200	46	277	126	105	78	19	16,3
C812X64	M64	35	200	113	46	110	200	46	277	126	105	90	19	16,3
C812X72	M72	25	200	113	46	110	200	46	277	126	105	78	19	16,3
C812X80	M80	35	200	113	46	110	200	46	277	126	105	90	19	16,3
C812X90	M90	35	200	113	46	110	200	46	277	126	105	90	19	16,3
C812X100	M100	35	200	113	46	110	200	46	277	126	105	90	19	16,3

Working load limit W.L.L. (t)

Code	Size mm	0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs	Max tightening torque Nm
C812X33	M33	8	16	8	16	11,2	8	8	16,8	12	8	600
C812X36	M36	10	20	10	20	14	10	10	21	15	10	814
C812X39	M39	10	20	10	20	14	10	10	21	15	10	814
C812X42	M42	12,5	25	12,5	25	17,5	12,5	12,5	26,3	18,8	12,5	1304
C812X45	M45	15	30	15	30	21	15	15	32	22,5	15	1670
C812X48	M48	20	40	20	40	28	20	20	42	25,5	20	1981
C812X52	M52	20	40	20	40	28	20	20	42	30	20	1981
C812X56	M56	25	50	25	50	35	25	25	52,5	37,5	25	3000
C812X64	M64	35	70	35	70	49	35	35	73,5	52,5	35	4738
C812X72	M72	25	50	25	50	35	25	25	52,5	25	25	6913
C812X80	M80	35	70	35	70	49	35	35	73,5	52,5	35	9625
C812X90	M90	35	70	35	70	49	35	35	73,5	52,5	35	14000
C812X100	M100	35	70	35	70	49	35	35	73,5	52,5	35	14000



△ THE DEVICE IS NOT SUITABLE FOR ROTATION DURING LOADING

C813X PERFORMER

PERFORMER HEAVY LIFT SWIVEL HOIST RING - QR code for instructions download

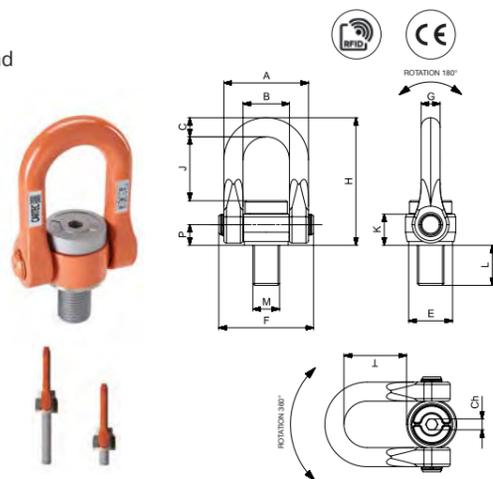
FORESEEN USE

Anchorage point for load lifting.

- Safety coefficient 4 in all loading directions
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Can be oriented at 360°
- Tested at 100 % magnaflux
- Tested according to EN 1677 Ideal for fastening at 90°
- Captive screws
- The screws are manufactured to allow use with universal hexagonal keys

Available, on demand, not standard threading and stem length.

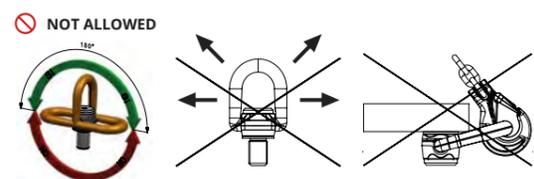
Available also with UNC thread.



Code	Size M mm	W.L.L. t	A mm	B mm	C mm	E mm	F mm	G mm	H mm	J mm	K mm	L mm	P mm	T mm	Ch mm	Weight Kg
C813X33	M33	10,5	131	71	30	69	149	30	199	100	49	50	32,5	97	17	5,6
C813X36	M36	12	131	71	30	69	149	30	199	100	49	54	32,5	97	17	5,8
C813X39	M39	14	131	71	30	69	149	30	199	100	49	58	32,5	97	17	5,9
C813X42	M42	15	131	71	30	69	149	30	199	100	49	63	32,5	97	17	6
C813X45	M45	16	131	71	30	69	149	30	199	100	49	63	32,5	97	17	6,1
C813X48	M48	20	164	92	40	89	182	40	249	122	63	68	40	119	19	11,6
C813X52	M52	21	164	92	40	89	182	40	249	122	63	68	40	119	19	11,8
C813X56	M56	25	164	92	40	89	182	40	249	122	63	78	40	119	19	12,1
C813X64	M64	32,1	164	92	40	89	182	40	249	122	63	90	40	119	19	12,9
C813X72	M72	25	164	92	40	89	182	40	249	122	63	78	40	119	19	15,1
C813X80	M80	32,1	164	92	40	89	182	40	249	122	63	90	40	119	19	15,9
C813X90	M90	32,1	164	92	40	89	182	40	249	122	63	90	40	119	19	16,9
C813X100	M100	32,1	164	92	40	89	182	40	249	122	63	90	40	119	19	16,9

Working load limit W.L.L. (t)

Code	Size mm	Size UNC	0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs	Max tightening torque Nm
C813X33	M33		14,5	29	10,5	21	14,7	10,5	10,5	22	15,75	10,5	600
C813X36	M36	1 1/2" - 6	15	30	12	24	16,8	12	12	25,2	18	12	814
C813X39	M39		17	34	14	28	19,6	14	14	29,4	21	14	814
C813X42	M42	1 3/4" - 5	16	32	15	30	21	15	15	31,5	22,5	15	1304
C813X45	M45		16	32	16	32	22,4	16	16	33,6	24	16	1670
C813X48	M48	2" - 4,5	22	44	20	40	28	20	20	42	30	20	1981
C813X52	M52		23	46	21	42	29,4	21	21	44,1	31,5	21	1981
C813X56	M56	2 1/2" - 4	25	50	25	50	35	25	25	52,5	37,5	25	3000
C813X64	M64		32,1	64,2	32,1	64,2	44,94	32,1	32,1	67,4	48,2	32,1	4738
C813X72	M72		25	50	25	50	35	25	25	52,5	37,5	25	4738
C813X80	M80		32,1	64,2	32,1	64,2	44,94	32,1	32,1	67,4	48,2	32,1	4738
C813X90	M90		32,1	64,2	32,1	64,2	44,94	32,1	32,1	67,4	48,2	32,1	4738
C813X100	M100		32,1	64,2	32,1	64,2	44,94	32,1	32,1	67,4	48,2	32,1	4738



THE DEVICE IS NOT SUITABLE FOR ROTATION DURING LOADING

C806X

ROTATING EYEBOLT WITH CLAMP - pull at 90° with minimum overall dimensions

FORESEEN USE

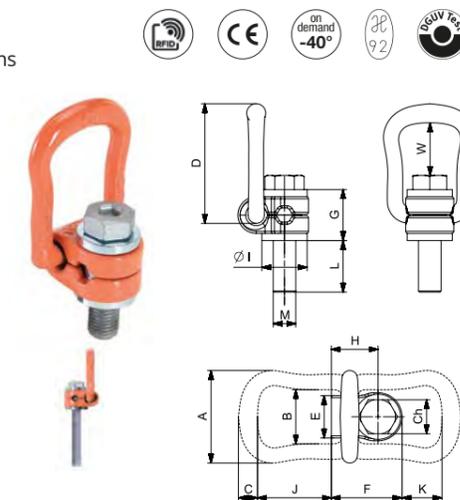
Anchorage point for load lifting.

- Safety coefficient 4 in all loading directions
- Designed, tested and certified in compliance with the technical directives GS-OA 15-04 - EN 1677
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Can be oriented at 360°
- Tested at 100 % magnaflux
- Tested at 20.000 fatigue cycles
- The screw is protected with the GEOMET system which guarantees lasting protection in time
- Non standard threading and stem length upon request
- Ideal for fastening at 90°
- Captive screws
- The screws from M36 and above are manufactured to allow use with universal hexagonal keys.

Accordingly with the requirements of "DGUV - German institution for security" please use the device with the screw supplied, if replaced CARCANO SPA disclaims any and all responsibility or liability.

Available, on demand, not standard threading and stem length.

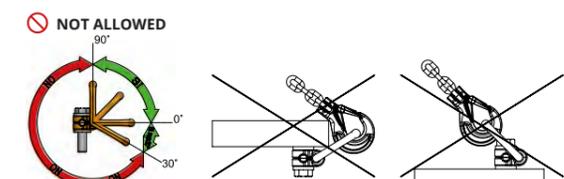
Also available with interchangeable screw. In case of screw's replacement please use screws with the same mechanical characteristics to the one furnished along with the article.



Code	Size mm	W.L.L. t	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	L mm	W mm	J mm	K mm	Ch mm	Weight Kg
C806X08	M8	0,3	57	34	10	78	24	41	30	26,5	25	15	43	51	35	13	0,27
C806X10	M10	0,63	57	34	10	78	24	41	30	26,5	25	15	42	51	35	17	0,29
C806X12	M12	1	66	38	13,5	85	30	50	36	33	32	23	40	52	28	19	0,5
C806X16	M16	1,5	66	38	13,5	85	30	50	36	33	32	24	38	52	28	24	0,51
C806X20	M20	2,5	87	55	16	111	48	68	44	42,5	45	31	54	71	36	30	1,25
C806X24	M24	4	87	55	16	111	48	68	44	42,5	45	37	51	71	36	36	1,3
C806X27	M27	4	109	66	22,5	145	54	91	63	58,5	60	37	64	86	47	41	3,15
C806X30	M30	5	109	66	22,5	145	54	91	65	58,5	60	45	62	86	47	46	3,25
C806X36T07	M36	7	109	66	22,5	145	54	91	55	58,5	60	50	60	86	43	55	3,3
C806X36	M36	8	136	78	28	190	62	108	81	72,5	70	59	88	115	74	55	5,9
C806X42T10	M42	10	136	78	28	190	62	108	75	72,5	70	75	86	115	70	65	6,5
C806X42	M42	15	169	97	36	242	68	131	89	87,5	85	63	121	151	97	65	11,2
C806X48	M48	20	169	97	36	242	68	131	89	87,5	85	71	117	151	93	75	11,6

Working load limit W.L.L. (t)

Code	Size mm	0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs	Max tightening torque Nm
C806X08	M8	0,3	0,6	0,3	0,6	0,42	0,3	0,3	0,63	0,45	0,3	30
C806X10	M10	0,63	1,26	0,63	1,26	0,88	0,63	0,63	1,32	0,95	0,63	60
C806X12	M12	1	2	1	2	1,4	1	1	2,1	1,5	1	100
C806X16	M16	1,5	3	1,5	3	2,1	1,5	1,5	3,15	2,25	1,5	150
C806X20	M20	2,5	5	2,5	5	3,5	2,5	2,5	5,25	3,75	2,5	250
C806X24	M24	4	8	4	8	5,6	4	4	8,4	6	4	400
C806X27	M27	4	8	4	8	5,6	4	4	8,4	6	4	400
C806X30	M30	5	10	5	10	7	5	5	10,5	7,5	5	500
C806X36T07	M36	7	14	7	14	9,8	7	7	14,7	10,4	7	700
C806X36	M36	8	16	8	16	11,2	8	8	16,8	12	8	800
C806X42T10	M42	10	20	10	20	14	10	10	21	15	10	925
C806X42	M42	15	30	15	30	21	15	15	31,5	22,5	15	1500
C806X48	M48	20	40	20	40	28	20	20	42	30	20	2000



THE DEVICE IS NOT SUITABLE FOR ROTATION DURING LOADING

C806X UNC

ROTATING EYEBOLT WITH CLAMP - pull at 90° with minimum overall dimensions



FORESEEN USE

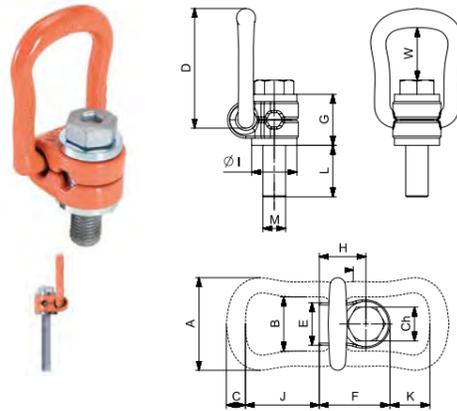
Anchorage point for load lifting.

- Safety coefficient 4 in all loading directions
- Designed, tested and certified in compliance with the technical directives GS-OA 15-04 - EN 1677
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Can be oriented at 360°
- Tested at 100 % magnaflux
- Tested at 20.000 fatigue cycles
- The screw is protected with the GEOMET system which guarantees lasting protection in time
- Non standard threading and stem length upon request
- Ideal for fastening at 90°
- Captive screws
- The screws from M36 and above are manufactured to allow use with universal hexagonal keys.

Accordingly with the requirements of "DGUV - German institution for security" please use the device with the screw supplied, if replaced CARCANO SPA disclaims any and all responsibility or liability.

Available, on demand, not standard threading and stem length.

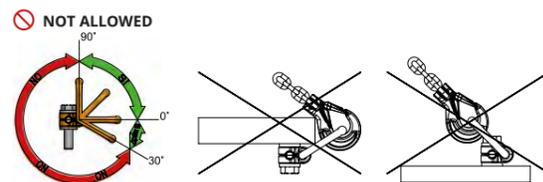
Also available with interchangeable screw. In case of screw's replacement please use screws with the same mechanical characteristics to the one furnished along with the article.



Code	Size UNC	W.L.L. t	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	L mm	W mm	J mm	K mm	Ch mm	Weight Kg
C806XU38	3/8" - 16	0,63	57	34	10	78	24	41	30	26,5	25	15	42	51	35	17	0,29
C806XU12	1/2" - 13	1	66	38	13,5	85	30	50	36	33	32	23	40	52	28	19	0,5
C806XU58	5/8" - 11	1,5	66	38	13,5	85	30	50	36	33	32	24	38	52	28	24	0,51
C806XU34	3/4" - 10	2,5	87	55	16	111	48	68	44	42,5	45	31	54	71	36	30	1,25
C806XU78	7/8" - 9	2,5	87	55	16	111	48	68	44	42,5	45	31	54	71	36	30	1,25
C806XU1	1" - 8	4	87	55	16	111	48	68	44	42,5	45	37	51	71	36	36	1,3
C806XU114	1 1/4" - 7	5	109	66	22,5	145	54	91	65	58,5	60	45	62	86	47	46	3,25
C806XU112	1 1/2" - 6	8	136	78	28	190	62	108	81	72,5	70	59	88	115	74	55	5,9
C806XU2	2" - 4,5	20	169	97	36	242	68	131	89	87,5	95	71	117	151	93	75	11,6

Working load limit W.L.L. (t)

Code	Size	Screw length mm	0°		90°		0°- 45°		45°- 60°		Asymm		Max tightening torque Nm
			1 leg	2 legs	1 leg	2 legs	2 legs	2 legs	2 legs	3/4 legs	3/4 legs	3/4 legs	
C806XU38	t 0,63 - 3/8" - 16	15	0,63	1,26	0,63	1,2	0,88	0,63	0,63	1,32	0,95	0,63	60
C806XU12	t 1 - 1/2" - 13	23	1	2	1	2	1,4	1	1	2,1	1,5	1	100
C806XU58	t 1,5 - 5/8" - 11	24	1,5	3	1,5	3	2,1	1,5	1,5	3,15	2,25	1,5	150
C806XU34	t 2,5 - 3/4" - 10	31	2,5	5	2,5	5	3,5	2,5	2,5	5,25	3,75	2,5	250
C806XU78	t 2,5 - 7/8" - 9	31	2,5	5	2,5	5	3,5	2,5	2,5	5,25	3,75	2,5	250
C806XU1	t 4 - 1" - 8	37	4	8	4	8	5,6	4	4	8,4	6	4	400
C806XU114	t 5 - 1 1/4" - 7	45	5	10	5	10	7	5	5	10,5	7,5	5	500
C806XU112	t 8 - 1 1/2" - 6	59	8	16	8	16	11,2	8	8	16,8	12	8	800
C806XU2	t 20 - 2" - 4,5	71	20	40	20	40	28	20	20	42	30	20	2000



THE DEVICE IS NOT SUITABLE FOR ROTATION DURING LOADING

C806X H.T.

ROTATING EYEBOLT WITH CLAMP - pull at 90° with minimum overall dimensions



FORESEEN USE

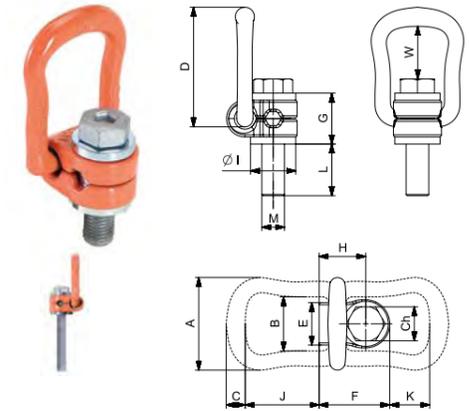
Anchorage point for load lifting.

- Safety coefficient 4 in all loading directions
- Designed, tested and certified in compliance with the technical directives GS-OA 15-04 - EN 1677
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Can be oriented at 360°
- Tested at 100 % magnaflux
- Tested at 20.000 fatigue cycles
- The screw is protected with the GEOMET system which guarantees lasting protection in time
- Non standard threading and stem length upon request
- Ideal for fastening at 90°
- Captive screws
- The screws from M36 and above are manufactured to allow use with universal hexagonal keys.

Accordingly with the requirements of "DGUV - German institution for security" please use the device with the screw supplied, if replaced CARCANO SPA disclaims any and all responsibility or liability.

Available, on demand, not standard threading and stem length.

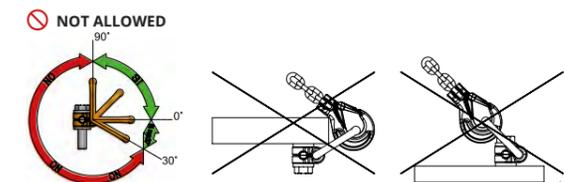
Available also with UNC thread.



Code	Size mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	L mm	W mm	J mm	K mm	Ch mm	Weight Kg	W.L.L. t
C806XHT08	M8	57	34	10	78	24	41	30	26,5	25	15	43	51	35	13	0,27	0,5
C806XHT10	M10	57	34	10	78	24	41	30	26,5	25	15	42	51	35	17	0,29	0,9
C806XHT12	M12	66	38	13,5	85	30	50	36	33	32	23	40	52	28	19	0,5	1,35
C806XHT16	M16	66	38	13,5	85	30	50	36	33	32	24	38	52	28	24	0,51	2
C806XHT20	M20	87	55	16	111	48	68	44	42,5	45	31	54	71	36	30	1,25	3,5
C806XHT24	M24	87	55	16	111	48	68	44	42,5	45	37	51	71	36	36	1,3	4,5
C806XHT27	M27	109	66	22,5	145	54	91	63	58,5	60	37	64	86	47	46	3,15	4
C806XHT30	M30	109	66	22,5	145	54	91	65	58,5	60	45	62	86	47	46	3,25	6,7
C806XHT36T07	M36	109	66	22,5	145	54	91	55	58,5	60	50	60	86	43	55	3,3	7
C806XHT36	M36	136	78	28	190	62	108	81	72,5	70	59	88	115	74	55	5,9	8
C806XHT42T10	M42	136	78	28	190	62	108	75	72,5	70	75	86	115	70	65	6,5	10
C806XHT42	M42	169	97	36	242	68	131	89	87,5	85	63	121	151	97	65	11,2	15
C806XHT48	M48	169	97	36	242	68	131	89	87,5	95	71	117	151	93	75	11,6	20

Working load limit W.L.L. (t)

Code	Size mm	Size UNC	0°		90°		0°- 45°		45°- 60°		Asymm		Max tightening torque Nm
			1 leg	2 legs	1 leg	2 legs	2 legs	2 legs	2 legs	3/4 legs	3/4 legs	3/4 legs	
C806XHT08	M8	5/16" - 18	0,5	1	0,5	1	0,7	0,5	0,5	1,05	0,75	0,5	30
C806XHT10	M10	3/8" - 16	0,9	1,8	0,9	1,8	1,3	0,9	0,9	1,9	1,35	0,9	60
C806XHT12	M12	1/2" - 13	1,35	2,7	1,35	2,7	1,9	1,35	1,35	2,84	2	1,35	100
C806XHT16	M16	5/8" - 11	2	4	2	4	2,8	2	2	4,25	3	2	150
C806XHT20	M20	3/4" - 10	3,5	7	3,5	7	4,9	3,5	3,5	7,35	5,25	3,5	250
C806XHT24	M24	7/8" - 9	3,5	7	3,5	7	4,9	3,5	3,5	7,35	5,25	3,5	250
C806XHT27	M27	1" - 8	4,5	9	4,5	9	6,3	4,5	4,5	9,5	6,75	4,5	400
C806XHT30	M30	1 1/4" - 7	4	8	4	8	5,6	4	4	6,4	6	4	400
C806XHT36T07	M36	1 1/4" - 7	6,7	13,4	6,7	13,4	9,5	6,7	6,7	14,1	10	6,7	500
C806XHT36	M36	1 1/2" - 6	7	14	7	14	9,8	7	7	14,7	10,4	7	700
C806XHT42T10	M42	1 1/2" - 6	8	16	8	16	11,2	8	8	16,8	12	8	800
C806XHT42	M42	2" - 4,5	10	20	10	20	14	10	10	21	15	10	925
C806XHT48	M48	2" - 4,5	15	30	15	30	21	15	15	31,5	22,5	15	1500
C806XHT48	M48	2" - 4,5	20	40	20	40	28	20	20	42	30	20	2000



THE DEVICE IS NOT SUITABLE FOR ROTATION DURING LOADING

C807X

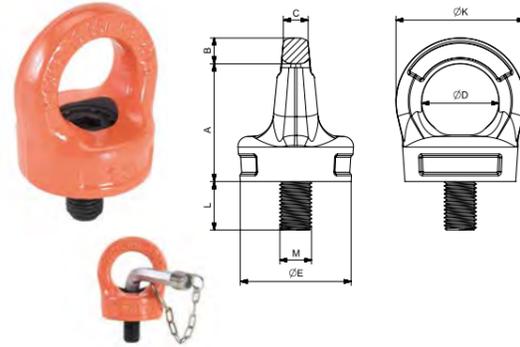
ROTATING EYEBOLT H.Q. - can be oriented for every loading direction



FORESEEN USE

Anchorage point for load lifting.

- Safety coefficient 4 in all loading directions
- Designed, tested and certified in compliance with the technical directives GS-OA 15-04 - EN 1677
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Can be oriented at 360°
- Tested at 100 % magnaflux
- Tested at 20.000 fatigue cycles
- Ideal for fastening at 90°
- Captive screws
- On the axial pull there can be variation of +/-5° with a 10% decrease in capacity



KEY KIT 807 - Special key for sizes from M8 to M30

Code Accessory of use

CK807X08	807M08
CK807X10	807M10
CK807X12	807M12
CK807X16	807M16
CK807X20	807M20
CK807X24	807M24
CK807X30	807M30
CK807X36*	807M36
CK807X42*	807M42
CK807X48*	807M48



* Commercial key without ring and chain

Code without key	Code with key	Size mm	W.L.L. t	A mm	B mm	C mm	D mm	E mm	K mm	L mm	Weight Kg
C807X08	C807XC08	M8	0,3	44,5	8	10	29	32	45	12	0,3
C807X10	C807XC10	M10	0,4	44,5	8	10	29	32	45	16	0,3
C807X12	C807XC12	M12	0,75	53,5	11	11	34	44	56	18	0,46
C807X16	C807XC16	M16	1,5	56,5	13	14,5	39	56	65	24	0,9
C807X20	C807XC20	M20	2,3	67	14	17	42	58	70	30	1,15
C807X24	C807XC24	M24	3,2	80	18	19	52	73	88	36	2,05
C807X30	C807XC30	M30	4,5	101	22	27	62	80	106	43	3,12
C807X36	C807XC36	M36	7	125	37	38	80	95	154	54	6,7
C807X42	C807XC42	M42	9	148	40	41	90	105	170	64	9,5
C807X48	C807XC48	M48	12	165	45	47	95	120	185	72	13,5

Working load limit W.L.L. (t)

Code without key	Code with key	Size mm	0° 1 leg	0° 2 leg	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs	Max tightening torque Nm
C807X08	C807XC08	M8	1	2	0,3	0,6	0,42	0,3	0,3	0,63	0,45	0,3	8
C807X10	C807XC10	M10	1	2	0,4	0,8	0,56	0,4	0,4	0,84	0,6	0,4	16
C807X12	C807XC12	M12	2	4	0,75	1,5	1	0,75	0,75	1,6	1,12	0,75	28
C807X16	C807XC16	M16	4	8	1,5	3	2	1,5	1,5	3,15	2,25	1,5	70
C807X20	C807XC20	M20	6	12	2,3	4,6	3,22	2,3	2,3	4,83	3,45	2,3	135
C807X24	C807XC24	M24	8	16	3,2	6,4	4,48	3,2	3,2	6,7	4,8	3,2	230
C807X30	C807XC30	M30	12	24	4,5	9	6,3	4,5	4,5	9,4	6,7	4,5	465
C807X36	C807XC36	M36	16	32	7	14	9,8	7	7	14,7	10,5	7	814
C807X42	C807XC42	M42	24	48	9	18	12,6	9	9	18,9	13,5	9	1304
C807X48	C807XC48	M48	32	64	12	24	16,8	12	12	25,2	18	12	1981

THE DEVICE IS NOT SUITABLE FOR ROTATION DURING LOADING



C807X UNC

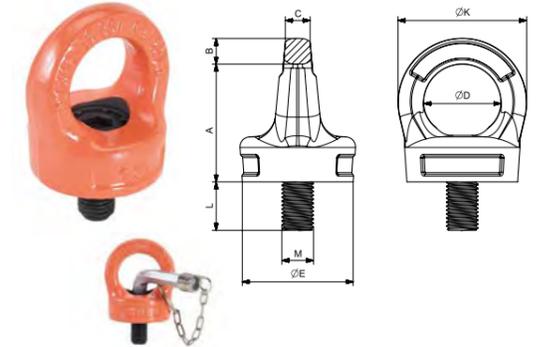
ROTATING EYEBOLT H.Q. - can be oriented for every loading direction



USO PREVISTO

Anchorage point for load lifting.

- Safety coefficient 4 in all loading directions
- Designed, tested and certified in compliance with the technical directives GS-OA 15-04 - EN 1677
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Can be oriented at 360°
- Tested at 100 % magnaflux
- Tested at 20.000 fatigue cycles
- Ideal for fastening at 90°
- Captive screws
- On the axial pull there can be variation of +/-5° with a 10% decrease in capacity



KEY KIT 807 - Special key for sizes from M8 to M30

Code Accessory of use

CK807X08	807M08
CK807X10	807M10
CK807X12	807M12
CK807X16	807M16
CK807X20	807M20
CK807X24	807M24
CK807X30	807M30
CK807X36*	807M36
CK807X42*	807M42
CK807X48*	807M48



* Commercial key without ring and chain

Code without key	Code with key	Size UNC	W.L.L. t	A mm	B mm	C mm	D mm	E mm	K mm	L mm	Weight Kg
C807X08U516	C807XC08U516	5/16" - 18	0,3	44,5	8	10	29	32	45	12	0,3
C807X10U38	C807XC10U38	3/8" - 16	0,4	44,5	8	10	29	32	45	16	0,3
C807X12U12	C807XC12U12	1/2" - 13	0,75	53,5	11	11	34	44	56	18	0,46
C807X16U58	C807XC16U58	5/8" - 11	1,5	56,5	13	14,5	39	56	65	24	0,9
C807X20U34	C807XC20U34	3/4" - 10	2,3	67	14	17	42	58	70	30	1,15
C807X24U1	C807XC24U1	1" - 8	3,2	80	18	19	52	73	88	36	2,05
C807X30U114	C807XC30U114	1 1/4" - 7	4,5	101	22	27	62	80	106	43	3,12
C807X36U112	C807XC36U112	1 1/2" - 6	7	125	37	38	80	95	154	54	6,7
C807X42U134	C807XC42U134	1 3/4" - 5	9	148	40	41	90	105	170	64	9,5
C807X48U2	C807XC48U2	2" - 4,5	12	165	45	47	95	120	185	72	13,4

Working load limit W.L.L. (t)

Code without key	Code with key	Size	0° 1 leg	0° 2 leg	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs	Max tightening torque Nm
C807X08U516	C807XC08U516	5/16" - 18	1	2	0,3	0,6	0,42	0,3	0,3	0,63	0,45	0,3	8
C807X10U38	C807XC10U38	3/8" - 16	1	2	0,4	0,8	0,56	0,4	0,4	0,84	0,6	0,4	16
C807X12U12	C807XC12U12	1/2" - 13	2	4	0,75	1,5	1	0,75	0,75	1,6	1,12	0,75	28
C807X16U58	C807XC16U58	5/8" - 11	4	8	1,5	3	2	1,5	1,5	3,15	2,25	1,5	70
C807X20U34	C807XC20U34	3/4" - 10	6	12	2,3	4,6	3,22	2,3	2,3	4,83	3,45	2,3	135
C807X24U1	C807XC24U1	1" - 8	8	16	3,2	6,4	4,48	3,2	3,2	6,7	4,8	3,2	230
C807X30U114	C807XC30U114	1 1/4" - 7	12	24	4,5	9	6,3	4,5	4,5	9,4	6,7	4,5	465
C807X36U112	C807XC36U112	1 1/2" - 6	16	32	7	14	9,8	7	7	14,7	10,5	7	814
C807X42U134	C807XC42U134	1 3/4" - 5	24	48	9	18	12,6	9	9	18,9	13,5	9	1304
C807X48U2	C807XC48U2	2" - 4,5	32	64	12	24	16,8	12	12	25,2	18	12	1981

THE DEVICE IS NOT SUITABLE FOR ROTATION DURING LOADING



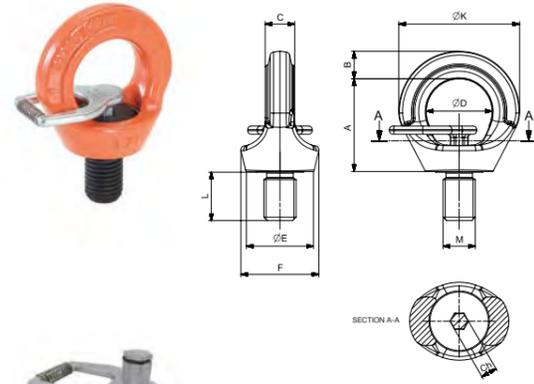
C807X H.T

ROTATING EYEBOLT H.Q. - can be oriented at 360°



FORESEEN USE
Anchorage point for load lifting.

- Safety coefficient 4 in all loading directions
- Designed, tested and certified in compliance with the technical directives GS-OA 15-04 - EN 1677
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Can be oriented at 360°
- Tested at 100 % magnaflux
- Tested at 20.000 fatigue cycles
- Ideal for fastening at 90°
- Captive screws
- On the axial pull there can be variation of +/-5° with a 10% decrease in capacity



KEY KIT 807 H.T.

Code	Accessory of use
CK807XHT060810	807XHTM060810
CK807XHT12	807XHTM12
CK807XHT16	807XHTM16
CK807XHT20	807XHTM20
CK807XHT24	807XHTM24
CK807XHT30	807XHTM30
CK807XHT36	807XHTM36
CK807XHT42	807XHTM42
CK807XHT48	807XHTM48

Code without key	Code with key	Size mm	W.L.L. t	A mm	B mm	C mm	D Ø mm	E Ø mm	F mm	K mm	L mm	CH mm	Weight Kg
C807XHT06	C807XCHT06	M6	0,1	27	9,5	7	20	23	28	37	9	6	0,08
C807XHT08	C807XCHT08	M8	0,3	35	11	9	25	25,5	30	46	12	6	0,12
C807XHT10	C807XCHT10	M10	0,4	33,7	10	9,8	25	25,5	30	46	15	6	0,12
C807XHT12	C807XCHT12	M12	0,75	41,5	12,5	11,5	30	30,6	36,5	55,5	18	8	0,2
C807XHT14	C807XCHT14	M14	0,75	41,5	12,5	11,5	30	30,6	36,5	55,5	18	8	0,2
C807XHT16	C807XCHT16	M16	1,5	49,5	14,5	15,7	35	36,5	42	64,5	24	10	0,35
C807XHT18	C807XCHT18	M18	1,5	49,5	14,5	15,7	35	36,5	42	64,5	24	10	0,35
C807XHT20	C807XCHT20	M20	2,3	58	16	18	40	42	52,5	74,5	30	12	0,6
C807XHT22	C807XCHT22	M22	2,3	58	16	18	40	42	52,5	74,5	30	12	0,6
C807XHT24	C807XCHT24	M24	3,2	69	20,5	22	49	50	61	90	36	12	1
C807XHT27	C807XCHT27	M27	3,2	69	20,5	22	49	50	61	90	36	12	1
C807XHT30	C807XCHT30	M30	4,5	86	25,5	28	60	66	75	111	45	17	2
C807XHT33	C807XCHT33	M33	4,5	86	25,5	28	60	66	75	111	45	17	2
C807XHT36	C807XCHT36	M36	7	105	32	30	74	77	96,5	135	55	22	3,4
C807XHT42	C807XCHT42	M42	9	118	38	37	82	87	110	158	65	24	5,7
C807XHT48	C807XCHT48	M48	12	137	43	38	95	102	124,5	180	72	27	8,5

Working load limit W.L.L. (t)

Code without key	Code with key	Size mm	0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs	Max tightening torque Nm
C807XHT06	C807XCHT06	M6	0,5	1	0,1	0,2	0,14	0,1	0,1	0,21	0,15	0,1	6
C807XHT08	C807XCHT08	M8	1	2	0,3	0,6	0,42	0,3	0,3	0,63	0,45	0,3	8
C807XHT10	C807XCHT10	M10	1	2	0,4	0,8	0,56	0,4	0,4	0,84	0,6	0,4	16
C807XHT12	C807XCHT12	M12	2	4	0,75	1,5	1	0,75	0,75	1,6	1,12	0,75	25
C807XHT14	C807XCHT14	M14	2	4	0,75	1,5	1	0,75	0,75	1,6	1,12	0,75	30
C807XHT16	C807XCHT16	M16	4	8	1,5	3	2	1,5	1,5	3,15	2,25	1,5	60
C807XHT18	C807XCHT18	M18	4	8	1,5	3	2	1,5	1,5	3,15	2,25	1,5	70
C807XHT20	C807XCHT20	M20	6	12	2,3	4,6	3,22	2,3	2,3	4,83	3,45	2,3	110
C807XHT22	C807XCHT22	M22	6	12	2,3	4,6	3,22	2,3	2,3	4,83	3,45	2,3	120
C807XHT24	C807XCHT24	M24	8	16	3,2	6,4	4,48	3,2	3,2	6,7	4,8	3,2	195
C807XHT27	C807XCHT27	M27	8	16	3,2	6,4	4,48	3,2	3,2	6,7	4,8	3,2	240
C807XHT30	C807XCHT30	M30	12	24	4,5	9	6,3	4,5	4,5	9,4	6,7	4,5	320
C807XHT33	C807XCHT33	M33	12	24	4,5	9	6,3	4,5	4,5	9,4	6,7	4,5	350
C807XHT36	C807XCHT36	M36	16	32	7	14	9,8	7	7	14,7	10,5	7	585
C807XHT42	C807XCHT42	M42	24	48	9	18	12,6	9	9	18,9	13,5	9	920
C807XHT48	C807XCHT48	M48	32	64	12	24	16,8	12	12	25,2	18	12	1590

△ THE DEVICE IS NOT SUITABLE FOR ROTATION DURING LOADING



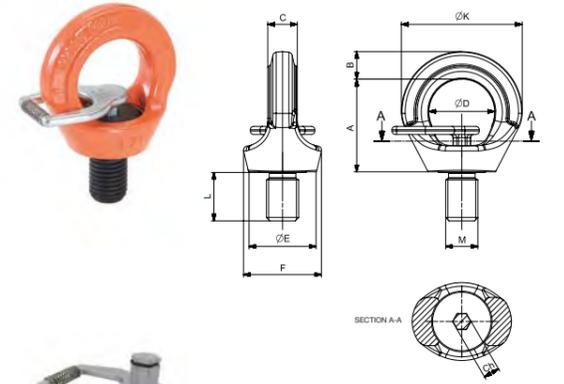
C807X H.T UNC

ROTATING EYEBOLT H.Q. - can be oriented at 360°



FORESEEN USE
Anchorage point for load lifting.

- Safety coefficient 4 in all loading directions
- Designed, tested and certified in compliance with the technical directives GS-OA 15-04 - EN 1677
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Can be oriented at 360°
- Tested at 100 % magnaflux
- Tested at 20.000 fatigue cycles
- Ideal for fastening at 90°
- Captive screws
- On the axial pull there can be variation of +/-5° with a 10% decrease in capacity



KEY KIT 807 H.T.

Code	Accessory of use
CK807XHT060810	807XHTM060810
CK807XHT12	807XHTM12
CK807XHT16	807XHTM16
CK807XHT20	807XHTM20
CK807XHT24	807XHTM24
CK807XHT30	807XHTM30
CK807XHT36	807XHTM36
CK807XHT42	807XHTM42
CK807XHT48	807XHTM48

Code without key	Code with key	Size UNC	W.L.L. t	A mm	B mm	C mm	D Ø mm	E Ø mm	F mm	K mm	L mm	CH mm	Weight Kg
C807XHT08U	C807XCHT08U	5/16" - 18	0,3	35	11	9	25	25	30	47	12	6	0,12
C807XHT10U	C807XCHT10U	3/8" - 16	0,4	35	11	9	25	25	30	47	16	6	0,12
C807XHT12U	C807XCHT12U	1/2" - 13	0,75	43	12,5	11,5	30	30	36,5	55,5	18	7	0,2
C807XHT16U	C807XCHT16U	5/8" - 11	1,5	49,5	14,5	15,7	35	35	41,8	64,5	24	8	0,35
C807XHT20U	C807XCHT20U	3/4" - 10	2,3	58	16	18	40	42	51,5	74,5	30	10	0,6
C807XHT22U	C807XCHT22U	7/8" - 9	2,3	58	16	18	40	42	51,5	74,5	30	10	0,6
C807XHT24U	C807XCHT24U	1" - 8	3,2	69	20,5	22	49	50	58	90	36	12	1
C807XHT30U	C807XCHT30U	1 1/4" - 7	4,5	86	25,5	28	60	66	73	111	43	17	2
C807XHT36U	C807XCHT36U	1 1/2" - 6	7	107	32	32	74	75	96,5	135	54	22	3,4
C807XHT42U	C807XCHT42U	1 3/4" - 5	9	120	38	40,5	82	85	110	158	64	24	5,7
C807XHT48U	C807XCHT48U	2" - 4,5	12	139	43	44	95	100	124,5	179	72	27	8,5

Working load limit W.L.L. (t)

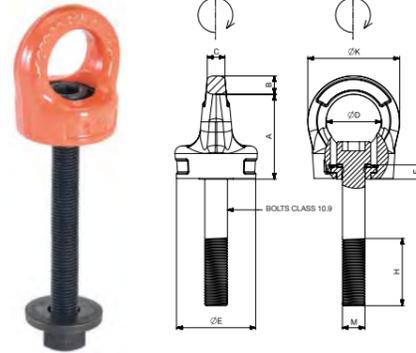
Code without key	Code with key	Size UNC	Screw length mm	0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs	Max tightening torque Nm
C807XHT08U	C807XCHT08U	5/16" - 18	12	1	2	0,3	0,6	0,42	0,3	0,3	0,63	0,45	0,3	8
C807XHT10U	C807XCHT10U	3/8" - 16	16	1	2	0,4	0,8	0,56	0,4	0,4	0,84	0,6	0,4	16
C807XHT12U	C807XCHT12U	1/2" - 13	18	2	4	0,75	1,5	1	0,75	0,75	1,6	1,12	0,75	25
C807XHT16U	C807XCHT16U	5/8" - 11	24	4	8	1,5	3	2	1,5	1,5	3,15	2,25	1,5	60
C807XHT20U	C807XCHT20U	3/4" - 10	30	6	12	2,3	4,6	3,22	2,3	2,3	4,83	3,45	2,3	110
C807XHT22U	C807XCHT22U	7/8" - 9	30	6	12	2,3	4,6	3,22	2,3	2,3	4,83	3,45	2,3	120
C807XHT24U	C807XCHT24U	1" - 8	36	8	16	3,2	6,4	4,48	3,2	3,2	6,7	4,8	3,2	195
C807XHT30U	C807XCHT30U	1 1/4" - 7	43	12	24	4,5	9	6,3	4,5	4,5	9,4	6,7	4,5	320
C807XHT36U	C807XCHT36U	1 1/2" - 6	54	16	32	7	14	9,8	7	7	14,7	10,5	7	585
C807XHT42U	C807XCHT42U	1 3/4" - 5	64	24	48	9	18	12,6	9	9	18,9	13,5	9	920
C807XHT48U	C807XCHT48U	2" - 4,5	72	32	64	12	24	16,8	12	12	25,2	18	12	1590

△ THE DEVICE IS NOT SUITABLE FOR ROTATION DURING LOADING



C810X

ROTATING EYEBOLT H.Q.E. - variable screw length



FORESEEN USE

Anchorage point used to lift loads with through holes and/or threaded dead holes.

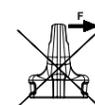
- Safety coefficient 4 in all loading directions
- Designed, tested and certified in compliance with the technical directives GS-OA 15-04 - EN 1677
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Can be oriented at 360°
- Tested at 100 % magnaflux
- Tested at 20.000 fatigue cycles
- Cylinder head screw with hexagonal slot cl. 10.9 with variable length in compliance with directive UNI5931-DIN912
- We recommend the use of a washer DIN 6340 with appropriate dimensions to apply against the nut.
- On the axial pull there can be variation of +/-5° with a 10% decrease in capacity
- If the eyebolt is installed against the nut it has to be high and the through hole has to be on the part to be lifted with a diameter maximum with respect to the nominal diameter of the screw used
- When using a counter-nut, check that, once installed, both the base of the device and the counter nut are totally in contact with the surface of the part to be lifted.

Code	Size mm	W.L.L. t	A mm	B mm	C mm	D Ø mm	E Ø mm	K Ø mm	F mm
C810X08	M8	0,3	44,5	8	10	29	32	45	10,5
C810X10	M10	0,4	44,5	8	10	29	32	45	6,5
C810X12	M12	0,75	53,5	11	11	34	44	56	8
C810X16	M16	1,5	59,5	13	14,5	39	56	65	8,5
C810X20	M20	2,3	67	14	17	42	58	70	10,5
C810X24	M24	3,2	80	18	19	52	73	88	13,5
C810X30	M30	4,5	101	22	27	62	80	106	17

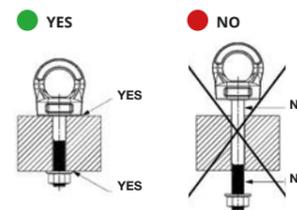
Working load limit W.L.L. (t)

Code	Size mm	Orientation										Max tightening torque Nm
		0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs	
C810X08	M8	1	2	0,3	0,6	0,42	0,3	0,3	0,63	0,45	0,3	8
C810X10	M10	1	2	0,4	0,8	0,56	0,4	0,4	0,84	0,6	0,4	16
C810X12	M12	2	4	0,75	1,5	1	0,75	0,75	1,6	1,12	0,75	28
C810X16	M16	4	8	1,5	3	2	1,5	1,5	3,15	2,25	1,5	70
C810X20	M20	6	12	2,3	4,6	3,22	2,3	2,3	4,83	3,45	2,3	135
C810X24	M24	8	16	3,2	6,4	4,48	3,2	3,2	6,7	4,8	3,2	230
C810X30	M30	12	24	4,5	9	6,3	4,5	4,5	9,4	6,7	4,5	465

- ⚠ THE EYEBOLT CANNOT IN ANY WAY BE USED WITH SCREWS OF AN INAPPROPRIATE LENGTH THAT PREVENT THE CORRECT FIXING OF THE DEVICE - SEE DIAGRAM FOR NON CORRECT USE
- ⚠ DO NOT USE A COUNTER-NUT INFERIOR TO 10
- ⚠ THE DEVICE IS NOT SUITABLE FOR ROTATION DURING LOADING



CONFIGURATION NOT RECOMMENDED



KIT OF KEY 810 - spanner kit to be ordered separately

Code	Accessory of use
CK810X08	810XM08
CK810X10	810XM10
CK810X12	810XM12
CK810X16	810XM16
CK810X20	810XM20
CK810X24	810XM24
CK810X30	810XM30



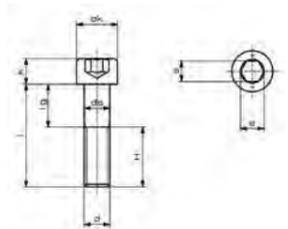
WASHER KIT DIN6340 + HIGH NUT UNI 5587 CL.10 X 810 - to be ordered separately

Code	Accessory of use
CK810XRD08	810XM08
CK810XRD10	810XM10
CK810XRD12	810XM12
CK810XRD16	810XM16
CK810XRD20	810XM20
CK810XRD24	810XM24
CK810XRD30	810XM30



SCREW CYLINDRICAL HEAD CLASS 10.9 WITH HEXAGONAL HOLE FOR ART. 810

d standard thread	M8	M10	M12	M16	M20	M24	M30
dk	Max. 13	16	18	24	30	36	45
	Max. 13,27	16,27	18,27	24,33	30,33	36,39	45,39
	Min. 12,73	15,73	18,73	23,67	29,67	35,61	44,61
K	Max. 8	10	12	16	20	24	30
	Min. 7,64	9,64	11,57	15,57	19,48	23,48	29,48
ds	Max. 8	10	12	16	20	24	30
	Min. 7,78	9,78	11,73	15,73	19,67	23,67	29,67
s nominal	6	8	10	11	17	19	22
e	Min. 6,68	9,15	11,43	16	19,44	21,73	25,15
H	28	32	36	44	52	60	72



quotas bolts class 10.9

mm	M8	M10	M12	M16	M20	M24	M30
I Nom	lg Max						
35	3,75						
40	12	4,5					
45	17	13	5,25				
50	22	18	5,25	6			
55	27	23	19	6	7,5		
60	32	28	24	6	7,5	9	
65	37	33	29	21	7,5	9	
70	42	38	34	26	7,5	9	
75	47	43	39	31	23	9	
80	52	48	44	36	28	9	10,5
85	57	53	49	41	33	9	10,5
90	62	58	54	46	38	30	10,5
100	72	68	64	56	48	40	10,5
110	82	78	74	66	58	50	38
120	92	88	84	76	68	60	48
130	102	98	94	86	78	70	58
140	112	108	104	96	88	80	68
150	122	118	114	106	98	90	78
160	132	128	124	116	108	100	88
180	152	148	144	136	128	120	108
200				156	148	140	128
220				176	168	160	148
240				196	188	180	168

The dimensions situated in the grey block are to be considered totally threaded

To calculate the effective length of the device shank (value X), use the following formula: $X = I - F$ where "I" is the nominal length of the screw and "F" is the bush thickness.

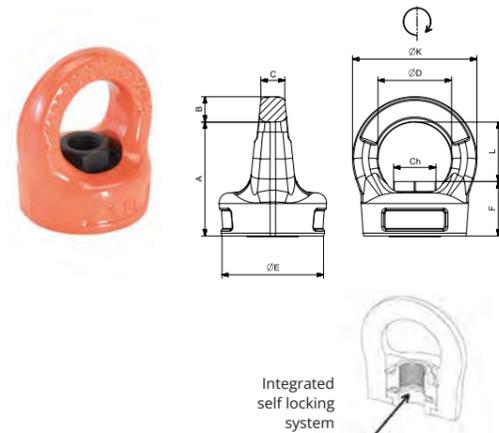
C810 FX

ROTATING EYENUT H.Q.E. - fitted with integrated self locking system

FORESEEN USE

Anchorage point for load lifting. Can be used with stud bolts and or threaded screws.

- Safety coefficient 4 in all loading directions
- Designed, tested and certified in compliance with the technical directives GS-OA 15-04 - EN 1677
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Can be oriented at 360°
- Tested at 100 % magnaflux
- Tested at 20.000 fatigue cycles
- Captive nut
- Can be screwed on with a spanner
- On the axial pull there can be variation of +/-5° with a 10% decrease in capacity
- The threaded pivot must always be screwed on completely along the length of the nut



Code	Size mm	W.L.L. t	A mm	B mm	C mm	D Ø mm	E Ø mm	K Ø mm	F mm	L mm	Ch mm	Weight Kg
C810FX08	M8	0,3	44,5	8	10	29	32	45	21,5	23	13	0,17
C810FX10	M10	0,4	44,5	8	10	29	32	45	21,5	23	14	0,2
C810FX12	M12	0,75	53,5	11	11	34	44	56	26,5	27	16	0,39
C810FX16	M16	1,5	59,5	13	14,5	39	56	65	30,5	29	21	0,69
C810FX20	M20	2,3	67	14	17	42	58	70	33	34	26	0,71
C810FX24	M24	3,2	80	18	19	52	73	88	40	40	30	1,7
C810FX30	M30	4,5	101	22	27	62	80	106	51	50	36	2,44

Working load limit W.L.L. (t)

Code	Size mm	Orientation										Max tightening torque Nm
		0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs	
C810FX08	M8	1	2	0,3	0,6	0,42	0,3	0,3	0,63	0,45	0,3	8
C810FX10	M10	1	2	0,4	0,8	0,56	0,4	0,4	0,84	0,6	0,4	16
C810FX12	M12	2	4	0,75	1,5	1	0,75	0,75	1,6	1,12	0,75	28
C810FX16	M16	4	8	1,5	3	2	1,5	1,5	3,15	2,25	1,5	70
C810FX20	M20	6	12	2,3	4,6	3,22	2,3	2,3	4,83	3,45	2,3	135
C810FX24	M24	8	16	3,2	6,4	4,48	3,2	3,2	6,7	4,8	3,2	230
C810FX30	M30	12	24	4,5	9	6,3	4,5	4,5	9,4	6,7	4,5	465

- ⚠ DO NOT USE THREADED PIVOTS INFERIOR TO 10.9
- ⚠ THE DEVICE IS NOT SUITABLE FOR ROTATION DURING LOADING



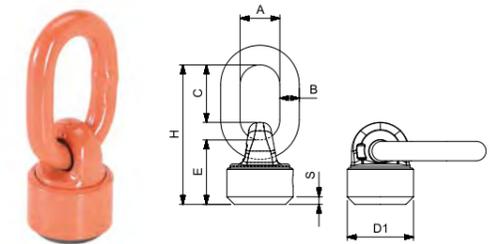
C815X

ROTATING EYEBOLT WELD-ON TYPE WITH RING - can be oriented during loading

FORESEEN USE

Rotating eyebolt weld-on type for load lifting generally used to turn and overturn heavy loads.

- Safety coefficient 4 in all loading directions
- Designed, tested and certified in compliance with the technical directives GS-OA 15-04 - EN 1677
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Tested at 100 % magnaflux
- Tested at 20.000 fatigue cycles
- Can be oriented at 360° with self aligning tilting ring at 180°
- Assembled with spheres to make load orientation easier
- On the axial pull there can be variation of +/-5° with a 10% decrease in capacity



Code	W.L.L. t	A mm	B mm	C mm	E mm	H mm	D1 mm	S x 45° mm	Weight Kg
C815X025	2,5	34	16	58	61	131	52	5,5	1,05
C815X040	4	40	18	72	67	152	58	7	1,44
C815X067	6,7	45	22	65	73	158	75	8,5	2,7
C815X010	10	50	23	92	86	201	85	10	3,95
C815X017	17	70	32	120	105	255	110	12	8,5

Working load limit W.L.L. (t)

Code	W.L.L. t	Orientation									
		0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs
C815X025	2,5	5	10	2,5	5	3,55	2,5	2,5	5,3	3,75	2,5
C815X040	4	8	16	4	8	5,6	4,0	4,0	8,5	6,0	4,0
C815X067	6,7	12	24	6,7	13,4	9,5	6,7	6,7	14	10	6,7
C815X010	10	15	30	10	20	14	10	10	21,2	15	10
C815X017	17	25	50	17	34	23,5	17	17	35	25	17

- ⚠ NOT SUITABLE FOR CONTINUOUS ROTATING MOVEMENT DURING LOADING

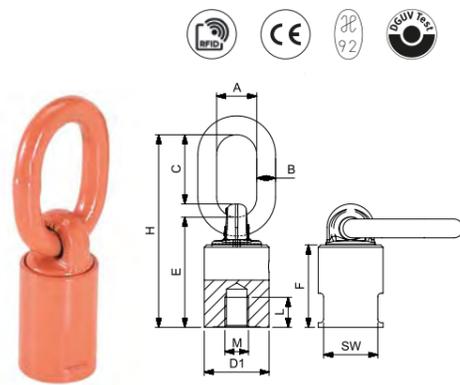
C816X

ROTATING EYENUT WITH RING - can be oriented during loading

FORESEEN USE

Rotating female eyenut for load lifting generally used to turn and overturn heavy loads. The eyenut can be used with stud bolts and / or threaded screws.

- Coefficient 4 in all loading directions
- Designed, tested and certified in compliance with the technical directives GS-OA 15-04 - EN 1677
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Tested at 100 % magnaflux
- Tested at 20.000 fatigue cycles
- Can be oriented at 360° with self aligning tilting ring at 180°
- Assembled with spheres to make load orientation easier
- On the axial pull there can be variation of +/-5° with a 10% decrease in capacity
- The threaded pivot must always be screwed on completely to stick the basis of the eyebolt with the basis of the object to be loaded.



Code	W.L.L. t	MxL mm	A mm	B mm	C mm	E mm	F mm	H mm	SW mm	D1 mm	Weight Kg
C816X0051215	0,5	M12x15	30	13	47	69	50	124	34	36,5	0,61
C816X0101620	1	M16x20	30	13	47	76	57	131	34	38	0,68
C816X0172025	1,7	M20x25	34	16	58	93	70	164	46	55	1,65
C816X0212430	2,1	M24x30	42	18	72	107	81	193	50	58	2,17
C816X0323040	3,2	M30x40	45	22	65	126	94	211	65	75	4,29
C816X0503645	5	M36x45	50	23	92	145	109,5	260	75	84	6,22

Working load limit W.L.L. (t)

Code	Size mm	0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs	Max tightening torque Nm
C816X0051215	0,5 t-M12x15	1,4	2,8	0,5	1	0,7	0,5	0,5	1	0,75	0,5	15+40
C816X0101620	1 t-M16x20	2,8	5,6	1	2	1,4	1	1	2,1	1,5	1	45+130
C816X0172025	1,7 t-M20x25	5	10	1,7	3,4	2,4	1,7	1,7	3,6	2,5	1,7	100+170
C816X0212430	2,1 t-M24x30	8	16	2,1	4,2	2,8	2,1	2,1	4,25	3,15	2,1	100+170
C816X0323040	3,2 t-M30x40	12	24	3,2	6,4	4,25	3,2	3,2	6,7	4,75	3,2	230+400
C816X0503645	5 t-M36x45	15	30	5	10	6,7	5	5	10	7,5	5	270+600

C817X

EYEBOLT TWISTER WITH BEARING - rotation allowed during continuous loading

FORESEEN USE

Fastening points for lifting loads suitable to continuous rotation during loading with axial pull.

- Safety coefficient 4 in all loading directions
- Designed, tested and certified in compliance with the technical directives GS OA 1504 - EN 1677
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Can be oriented at 360°
- Tested at 100 % magnaflux
- Tested at 20.000 fatigue cycles
- Ideal for rotation during loading
- Captive screws
- The device is suitable for rotation during loading only with axial pull; the eyebolt can be used in every other pull direction without rotation (for loads see reference table)



KIT OF KEY 817

Code Accessory of use

CK817X12	817XM12
CK817X16	817XM16
CK817X20	817XM20
CK817X24	817XM24
CK817X30	817XM30

Code without key	Code with key	Size mm	W.L.L. t	A mm	B mm	C mm	D Ø mm	E Ø mm	F mm	K Ø mm	L mm	Weight Kg
C817X12	C817XC12	M12	0,75	53,5	11	11	34	44	32	56	18	0,46
C817X16	C817XC16	M16	1,5	56,5	13	14,5	39	56	33	65	24	0,9
C817X20	C817XC20	M20	2,3	67	14	17	42	58	40	70	30	1,15
C817X24	C817XC24	M24	3,2	80	18	19	52	73	44,5	88	38,5	2,05
C817X30	C817XC30	M30	4,5	101	22	27	62	80	53	106	44	4

Working load limit W.L.L. (t)

Code without key	Code with key	Size mm	0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs	Max tightening torque Nm
C817X12	C817XC12	M12	0,75*	1,5	0,75	1,5	1	0,75	0,75	1,6	1,12	0,75	28
C817X16	C817XC16	M16	1,5*	3	1,5	3	2	1,5	1,5	3,15	2,25	1,5	70
C817X20	C817XC20	M20	2,3*	4,6	2,3	4,6	3,22	2,3	2,3	4,83	3,45	2,3	135
C817X24	C817XC24	M24	3,2*	6,4	3,2	6,4	4,48	3,2	3,2	6,7	4,8	3,2	230
C817X30	C817XC30	M30	4,5*	9	4,5	9	6,3	4,5	4,5	9,4	6,7	4,5	465

* Axial pull with rotation during continuous loading



CONFIGURATION NOT RECOMMENDED

C820X

LIFTING RING WELD-ON TYPE DOUBLE BASE - positioning made easier for lifting



FORESEEN USE

Ring to be welded for load lifting.

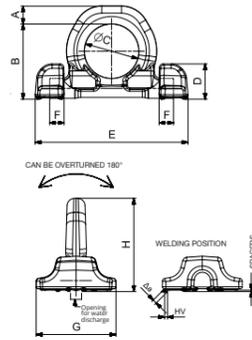
- Safety coefficient 4
- The entire perimeter of the base must be welded except for the water discharge area
- For asymmetric loads remember that the capacity has to be reduced as shown in the reference table
- The bracket must always be aligned to the polling direction (tolerance allowed +/- 10°)
- The anchorage clamp can be used safely up to maximum of 20.000 lifts with a full load
- Ring tested 100 % magnaflux
- Made in high resistant steel
- Painted with epoxy paint
- Tested at 20.000 fatigue cycles
- In particular applications the capacity which has to be used must be determined by the pulling inclination angle following the this formula:

$$Lc = \frac{C}{b \cdot \cos \delta}$$

Lc = capacity needed per single bracket
 C = load to lift
 b = number of sling arms
 δ = pulling inclination angle

For the correct installation of the device, place the welding bases by the reference notches marked on the bracket.

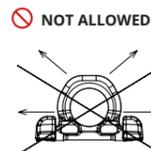
Ring to be ordered separately without base



Code	W.L.L. t	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Welding thickness HV + Δa	Weight Kg
C820X04	4	14	65	48	29	134	14	60	79	HV 4+3	0,73
C820X067	6,7	20	83	60	39	169	16	88	103	HV 5,5+3	1,8
C820X10	10	22	96	65	48	196	19,5	98	118	HV 6+4	3
C820X16	16	31	126	90	55	264	29	127	155	HV 8,5 +4	5,75
C820X30	30	42	175	130	79	371	45	157	217	HV 15+4	16

Working load limit W.L.L. (t)

Code	0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs
C820X04	4	8	4	8	5,6	4	4	8,4	6	4
C820X067	6,7	13,4	6,7	13,4	9,38	6,7	6,7	14,1	10,1	6,7
C820X10	10	20	10	20	14	10	10	21	15	10
C820X16	16	32	16	32	22,4	16	16	33,6	24	16
C820X30	30	60	30	60	42	30	30	63	45	30



C821X

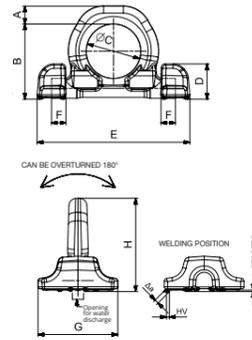
LASHING RING WELD-ON TYPE DOUBLE BASE - positioning made easier for lashing

FORESEEN USE

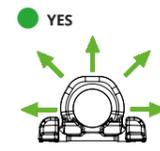
Ring to be welded for load anchorage.

- Safety coefficient 2
- The entire perimeter of the base must be welded except for the water discharge area
- Ring tested 100 % magnaflux
- Directive references to consider to choose and position bracket 821: EN 12640 - EN 75410 - EN 12195/1

For the correct installation of the device, place the welding bases by the reference notches marked on the bracket.



Code	Capacity LC daN	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Welding thickness HV + Δa	Weight Kg
C821X08	8.000	14	65	48	29	134	14	60	79	HV 4+3	0,73
C821X134	13.400	20	83	60	39	169	16	88	103	HV 5,5+3	1,8
C821X20	20.000	22	96	65	48	196	19,5	98	118	HV 6+4	3
C821X32	32.000	31	126	90	55	264	29	127	155	HV 8,5+4	5,75



C830X

LIFTING RING WELD-ON TYPE SINGLE BASE - minimum overall dimensions for lifting



FORESEEN USE

Ring to be welded for load lifting.

- Safety coefficient 4
- For asymmetric loads remember that the capacity has to be reduced as shown in the reference table
- The bracket must always be aligned to the polling direction (tolerance allowed +/- 10°)
- The anchorage clamp can be used safely up to maximum of 20.000 lifts with a full load
- Ring tested 100 % magnaflux
- Made in high resistant steel
- Painted with epoxy paint
- Tested at 20.000 fatigue cycles
- In particular applications the capacity which has to be used must be determined by the pulling inclination angle following the this formula:

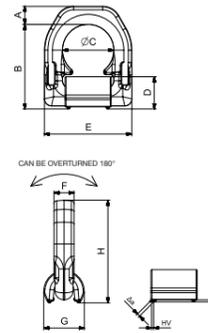
$$Lc = \frac{C}{b \cdot \cos \delta}$$

Lc = capacity needed per single bracket

C = load to lift

b = number of sling arms

δ = pulling inclination angle



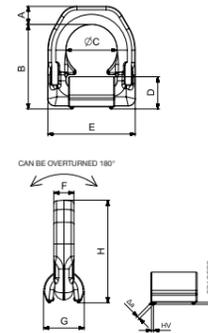
C831X

LASHING RING WELD-ON TYPE SINGLE BASE - minimum overall dimensions for anchorage

FORESEEN USE

Ring to be welded for load anchorage.

- Safety coefficient 2
- Ring tested 100 % magnaflux
- Directive references to consider to choose and position bracket 831: EN 12640 - EN 75410 - EN 12195/1



Code without spring	Code with spring	W.L.L. t	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Welding thickness HV + Δa	Weight Kg
C830X015	C830X015M	1,5	14	65	38	25	66	16	31	79	HV 5+3	0,39
C830X025	C830X025M	2,5	16	75	45	27	77	18	34,5	91	HV 7+3	0,59
C830X040	C830X040M	4	18	84	51	32	87	20	40	102	HV 8+3	0,87
C830X067	C830X067M	6,7	24	117	67,3	44	115	26	58,5	141	HV 12+4	2,23
C830X010	C830X010M	10	31	126	67	55	129	28,5	70,5	157	HV 16+4	3,33
C830X016	C830X016M	16	45	174	100	69	190	42	87	219	HV 25+6	9,28

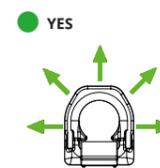
Code without spring	Code with spring	Capacity daN	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Welding thickness HV + Δa	Weight Kg
C831X03	C831X03M	3.000	14	65	38	25	66	16	31	79	HV 5+3	0,39
C831X05	C831X05M	5.000	16	75	45	27	77	18	34,5	91	HV 7+3	0,59
C831X08	C831X08M	8.000	18	84	51	32	87	20	40	102	HV 8+3	0,87
C831X134	C831X134M	13.400	24	117	67,3	44	115	26	58,5	141	HV 12+4	2,23
C831X20	C831X20M	20.000	31	126	67	55	129	28,5	70,5	157	HV 16+4	3,33
C831X32	C831X32M	32.000	45	174	100	69	190	42	87	219	HV 25+6	9,28

Working load limit W.L.L. (t)

Code without spring	Code with spring	0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs
C830X015	C830X015M	1,5	3	1,5	3	2,1	1,5	1,5	3,15	2,25	1,5
C830X025	C830X025M	2,5	5	2,5	5	3,5	2,5	2,5	5,25	3,75	2,5
C830X040	C830X040M	4	8	4	8	5,6	4	4	8,4	6	4
C830X067	C830X067M	6,7	13,4	6,7	13,4	9,38	6,7	6,7	14,1	10,1	6,7
C830X010	C830X010M	10	20	10	20	14	10	10	21	15	10
C830X016	C830X016M	16	32	16	32	22,4	16	16	33,6	24	16



⚠ DO NOT USE TO LIFT PEOPLE

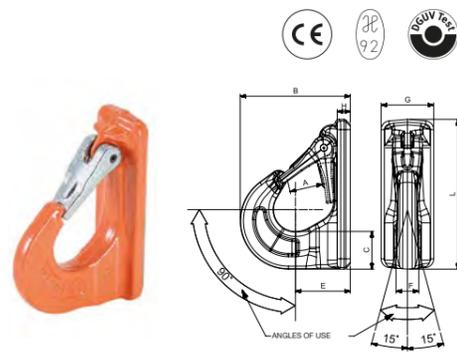


⚠ DO NOT USE TO LIFT LOADS AND OR PEOPLE

C832X
WELD-ON HOOK

FORESEEN USE
Weld on hook.

- Safety factor 4
- For asymmetric loads remember that the capacity has to be reduced as shown in the reference table
- The hook must always be aligned to the pull direction
- The hook can be used safely up to maximum 20.000 liftings with a full load
- Made in high tensile steel
- Painted with epoxy paint
- 100% magnaflux tested
- Tested at 20.000 fatigue cycles
- Designed, tested and certified in compliance with the technical norms GS-OA 15-04 - EN 1677
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC



Code	W.L.L. t	A mm	B mm	C mm	E mm	F mm	G mm	H mm	L mm	Weight Kg
C832X015	1,5	25	79	28	40	15	40	10	117	0,7
C832X025	2,5	30	101	35	47	21	50	10	147	1,4
C832X040	4	37	126	43	63	26	60	15	171	2,7
C832X067	6,7	48	158	54	71	33	70	15	208	4,8

Working load limit W.L.L. (t)

Code	W.L.L. t	0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs
C832X015	1,5	1,5	3	1,5	3	2,1	1,5	1,5	3,15	2,25	1,5
C832X025	2,5	2,5	5	2,5	5	3,5	2,5	2,5	5,25	3,75	2,5
C832X040	4	4	8	4	8	5,6	4	4	8,4	6,0	4
C832X067	6,7	6,7	13,4	6,7	13,4	9,4	6,7	6,7	14	10	6,7

- ⚠ NOT SUITABLE FOR CONTINUOUS ROTATING MOVEMENT DURING LOADING
- ⚠ DO NOT USE TO LIFT PEOPLE

⊘ NOT ALLOWED

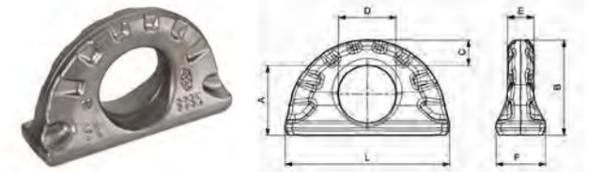


C838X
RING WELD-ON TYPE

FORESEEN USE

Weld-on lifting point for lifting loads or for welding on load-lifting equipment.

- Safety coefficient 4
- The weld-on point can be used in complete safety up to maximum of 20,000 lifts at full load
- In the event of high-risk lifting operations, conditions of safety for those persons exposed to risks must be guaranteed
- Failure to abide by these instructions could cause property damage or personal injury
- Documentation drawn up in compliance with the provisions of point 1.7.4.2 of the 2006/42/EC
- Welding must be carried out by qualified personnel in compliance with the provisions of standard EN ISO 9606-1
- The weld-on point is made of 23MnNiCrMo5-2 tempered steel according to the DIN17115 standard



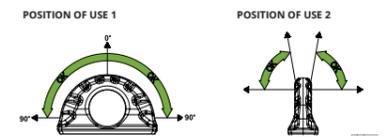
Code	A mm	B mm	C mm	D mm	E mm	F mm	L mm	W.L.L. t	Weight Kg
C838X008	38	50	12	32	12	22	70	0,8	0,22
C838X016	42,5	58	15,5	35	13	30	100	1,6	0,52
C838X032	60,5	81,5	21	50	23	41	137	3,2	1,36
C838X050	72,5	100,5	28	60	27	51	172	5	2,58
C838X100	96,5	131,5	35	80	38	70	228	10	6,1

Working load limit W.L.L. (t) W.L.L. POSITION OF USE 1/(W.L.L.) POSITION OF USE 2

Code	W.L.L. t	0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs
C838X008	0,8	2	4	0,8 (2)	1,6 (4)	1,12 (2,8)	0,8 (2)	0,8 (2)	1,6 (4,25)	1,18 (3)	0,8 (2)
C838X016	1,6	4	8	1,6 (4)	3,2 (8)	2,2 (5,6)	1,6 (4)	1,6 (4)	3,4 (8,4)	2,4 (6)	1,6 (4)
C838X032	3,2	9	18	3,2 (9)	6,4 (18)	4,5 (12,6)	3,2 (9)	3,2 (9)	6,7 (18,9)	4,8 (13,5)	3,2 (9)
C838X050	5	12	24	5 (12)	10 (24)	7 (16,8)	5 (12)	5 (12)	10,5 (25,2)	7,5 (18)	5 (12)
C838X100	10	20	40	10 (20)	20 (40)	14 (28)	10 (20)	10 (20)	21,2 (42)	15 (30)	10 (20)

- ⚠ DO NOT USE TO LIFT PEOPLE

● YES



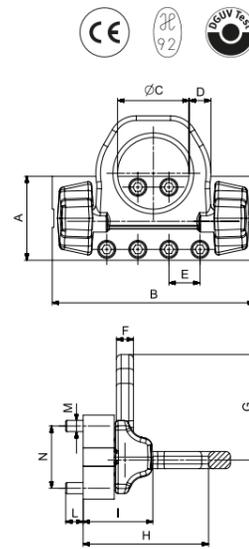
C825X

ANCHORAGE CLAMP WITH SCREW-ON PLATE - article on demand

FORESEEN USE

Anchorage clamp with screw on plate.

- Safety coefficient 4
- Screw included in the package
- Hex head screw burnished black cl 10.9 in compliance UNI5931/DIN912
- The anchorage bracket may be used in total safety with a maximum of 20.000 lifting full loads
- Suitable for lifting in safety conditions in compliance to the machine directive 2006/42/EC
- Painted with epoxy
- Tested to 20.000 fatigue cycles



Code	W.L.L. t	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	L mm	M mm	N mm	Weight Kg
C825X30	30	180	400	130	42	75	41	194	255	159	80	30	120	61
C825X50	50	270	650	230	70	100	55	339	407	224	100	36	200	202

Working load limit W.L.L. (t)

Code	0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs
C825X30	30	60	30	60	42	30	30	63	45	30
C825X50	50	100	50	100	70	50	50	105	75	50

- ⚠ DO NOT STAND DURING USE IN DANGEROUS AREAS
- ⚠ DO NOT USE TO LIFT PEOPLE

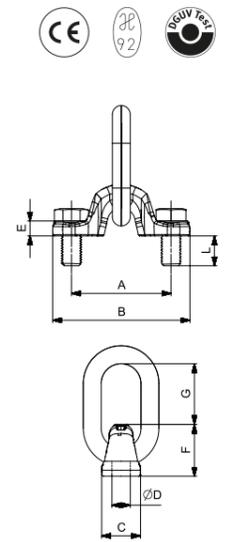
C835X

ANCHORAGE BRACKET WITH FIXING SCREWS - anchorage guaranteed without welding

FORESEEN USE

Anchorage bracket with fixing screws used for lifting loads.

- Safety coefficient 4
- Ring for orientation at 120 °
- Screw included in the package
- From M20 to M30 screw burnished black cl 10.9 in compliance UNI5739 / DIN933
- From M36 to M48 screw burnished black cl 10.9 in compliance UNI5931 / DIN912
- The anchorage bracket may be used in total safety with a maximum of 20.000 lifting full loads
- Suitable for lifting in safety conditions in compliance to the machine directive 2006/42/EC
- Screw, bracket and ring tested at 100% magnaflux
- Realized with high resistance steel
- Painted with epoxy
- Tested to 20.000 fatigue cycles

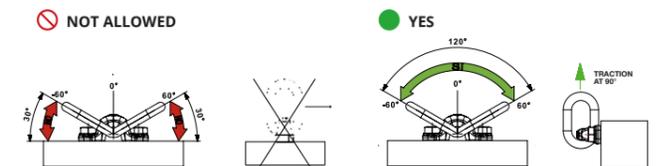


Code	Size mm	W.L.L. t	A mm	B mm	C mm	ØD mm	E mm	F mm	G mm	L mm	Ring size mm	Key size mm	Weight Kg
C835X04	M20	4	100	138	39	21,5	15	52	61	35	18x85x40	30	1,2
C835X067	M24	6,7	120	165,5	48	25,5	19	63	87	41	22x115x50	36	2,5
C835X10	M30	10	160	216	62	31,5	25	78	106	45	26x140x65	46	7,1
C835X16	M36	16	177	250	69	37	29	90	112	61	32x150x70	27* Hexagonal hole	7,5
C835X20	M42	20	200	290	90	43,5	43	116	140	67	40x190x100	32* Hexagonal hole	9,3
C835X25	M45	25	200	290	90	48	43	116	140	67	40x190x100	36* Hexagonal hole	10,2
C835X30	M48	30	200	290	90	51	43	116	140	77	40x190x100	36* Hexagonal hole	10,2

Working load limit W.L.L. (t)

Code	Size mm	0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs	Max tightening torque Nm
C835X04	M20	4	8	4	8	5,6	4	4	8,4	6	4	250
C835X067	M24	6,7	13,4	6,7	13,4	9,5	6,7	6,7	14	10	6,7	400
C835X10	M30	10	20	10	20	14	10	10	21	15	10	500
C835X16	M36	16	32	16	32	22,4	16	16	33,6	24	16	800
C835X20	M42	20	40	20	40	28	20	20	42	30	20	1304
C835X25	M45	25	50	25	50	35	25	25	52,5	37,5	25	1630
C835X30	M48	30	60	30	60	42	30	30	63	45	30	1981

- ⚠ DO NOT USE TO LIFT PEOPLE



C836

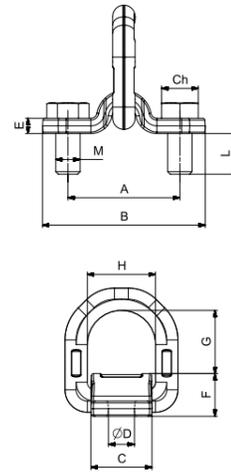
ANCHORAGE BRACKET WITH FIXING SCREWS - anchorage guaranteed without welding



FORESEEN USE

Anchorage bracket with fixing screws used for lifting loads.

- Safety coefficient 4
- Ring for orientation at 120 °
- Screw included in the package
- Hex head screw burnished black cl 10.9 in compliance UNI5739 / DIN933
- The anchorage bracket may be used in total safety with a maximum of 20.000 lifting at full loads
- Suitable for lifting in safety conditions in compliance to the machine directive 2006/42/EC
- Screw, bracket and ring tested at 100% magnaflux
- Realized with high resistance steel
- Painted with epoxy
- Tested to 20.000 fatigue cycles

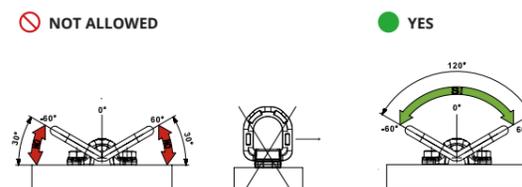


Code	Size mm	W.L.L. t	A mm	B mm	C mm	ØD mm	E mm	F mm	G mm	H mm	L mm	Ch mm	Weight Kg
C83603	M20	3,15	90	130	50	21,5	12	34	53	56	33	30	1,5
C83605	M24	5,3	110	160	60	25,5	15	42	63	67	40	36	2,6
C83608	M27	8	130	190	70	28,5	20	55	68	80	45	41	4,6

Working load limit W.L.L. (t)

Code	Size mm	90° 1 leg	90° 2 leg	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs	Max tightening torque Nm
C83603	M20	4,75	9,3	4,25	3,15	3,15	6,3	4,75	4,75	210
C83605	M24	8	16	7,1	5,3	5,3	11,2	8	8	290
C83608	M27	12	24	11,2	8	8	16	12	12	550

DO NOT USE TO LIFT PEOPLE



C900X H.T.

ROTATING RESTRAINING DEVICE H.T. (PPE) EN 795 - protection against falls from height (PPE) EN795

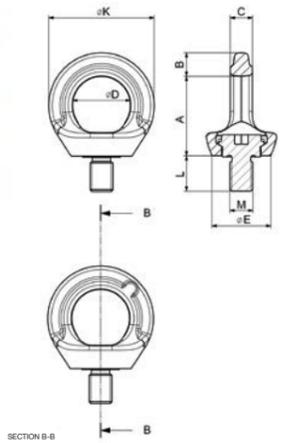


FORESEEN USE

Device 900XHT is a safe arrest point to which anchoring one's body harness (harness compliant to EN361) through a suitable connection system (compliant to EN362) to prevent falls and their effects during work operations at height.

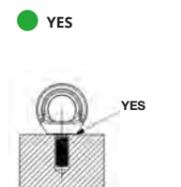
- The threaded hole must be perpendicular to the supporting structure
- Tighten the device until it fits tightly against the surface

Removable device - type A - Certified in accordance with EN-795 - 0426 notified body



Code	Size	Capacity Person	A mm	B mm	C mm	D mm	E mm	K mm	L mm	Weight Kg
C900XHT12	M12	1	41,5	12,5	11,5	30	30,6	55,5	18	0,18
C900XHT16	M16	1-2	49,5	14,5	15	35	36,5	64,5	24	0,35
C900XHT20	M20	1-2	58	16	18	40	42	74,5	30	0,6

WARNING: REPLACE THE DEVICE IMMEDIATELY IF IT HAS FALLEN OR IF YOU HAVE DOUBTS AS REGARDS ITS SUITABILITY FOR USE!



C901X H.T.

ROTATING RESTRAINING DEVICE WITH SCREW H.T. (PPE) EN 795 - protection against falls from height (PPE) EN795

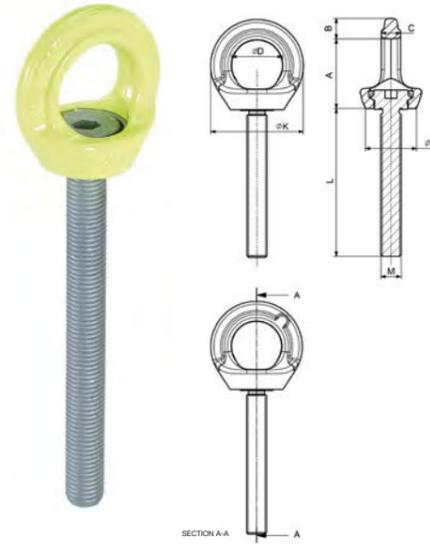


FORESEEN USE

Device 901XHT is a safe arrest point to which anchoring one's body harness (harness compliant to EN361) through a suitable connection system (compliant to EN362) to prevent falls and their effects during work operations at height.

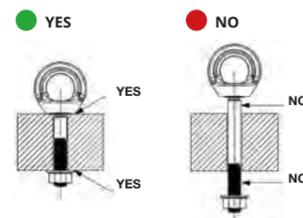
- The threaded hole must be perpendicular to the supporting structure
- Tighten the device until it fits tightly against the surface

Removable device - type A - Certified in accordance with EN-795 - 0426 notified body



Code	Size	Capacity Person	A mm	B mm	E mm	D mm	E mm	K mm	L mm	Weight Kg
C901XHT12	M12	1	41,5	12,5	11,5	30	30,6	55,5	150	0,3
C901XHT16	M16	1-2	49,5	14,5	15	35	36,5	64,5	150	0,45

⚠ WARNING: REPLACE THE DEVICE IMMEDIATELY IF IT HAS FALLEN OR IF YOU HAVE DOUBTS AS REGARDS ITS SUITABILITY FOR USE!



C902X H.T.

H.T. STAINLESS STEEL ROTATING RESTRAINING DEVICE (PPE) EN 795 - protection against falls from height (PPE) EN795

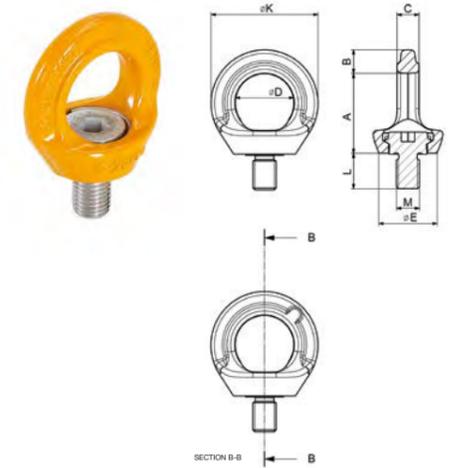


FORESEEN USE

Device 902XHT is a safe arrest point to which anchoring one's body harness (harness compliant to EN361) through a suitable connection system (compliant to EN362) to prevent falls and their effects during work operations at height.

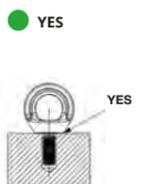
- The threaded hole must be perpendicular to the supporting structure
- Tighten the device until it fits tightly against the surface

Removable device - type A - Certified in accordance with EN-795 - 0426 notified body



Code	Size	Capacity Person	A mm	B mm	C mm	D mm	E mm	K mm	L mm	Weight Kg
C902XHT12	M12	1	41,5	12,5	11,5	30	30,6	55,5	18	0,18
C902XHT16	M16	1-2	49,5	14,5	15	35	36,5	64,5	24	0,35
C902XHT20	M20	1-2	58	16	18	40	42	74,5	30	0,6

⚠ WARNING: REPLACE THE DEVICE IMMEDIATELY IF IT HAS FALLEN OR IF YOU HAVE DOUBTS AS REGARDS ITS SUITABILITY FOR USE!



C903X H.T.

STAINLESS STEEL ROTATING RESTRAINING DEVICE WITH SCREW H.T. (PPE) EN 795 -
protection against falls from height (PPE) EN795

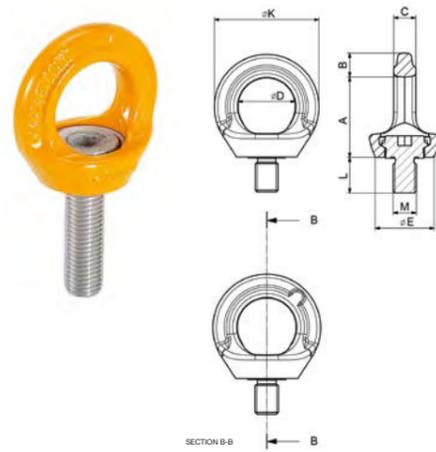


FORESEEN USE

Device 903XHT is a safe arrest point to which anchoring one's body harness (harness compliant to EN361) through a suitable connection system (compliant to EN362) to prevent falls and their effects during work operations at height.

- The threaded hole must be perpendicular to the supporting structure
- Tighten the device until it fits tightly against the surface

Removable device - type A - Certified in accordance with EN-795 - 0426 notified body



Code	Size	Capacity Person	A mm	B mm	E mm	D mm	E mm	K mm	L mm	Weight Kg
C903XHT12	M12	1	41,5	12,5	11,5	30	30,6	55,5	50	0,22
C903XHT16	M16	1-2	49,5	14,5	15	35	36,5	64,5	50	0,3
C903XHT16	M16	1-2	49,5	14,5	15	35	36,5	64,5	120	0,45
C903XHT20	M20	1-2	58	16	18	40	42	74,5	60	0,5

WARNING: REPLACE THE DEVICE IMMEDIATELY IF IT HAS FALLEN OR IF YOU HAVE DOUBTS AS REGARDS ITS SUITABILITY FOR USE!

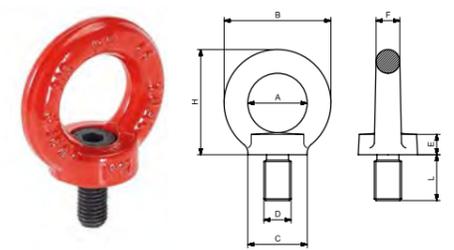


C801

ADJUSTABLE EYEBOLT WITH SCREW 8.8 - safety coefficient 4



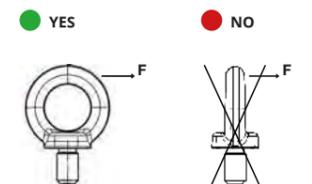
To be screwed with appropriate spanner



Code	Size D x L (mm)	A mm	B mm	C mm	F mm	H mm	Weight Kg	W.L.L. t
C80106	M6x15	25	45	25	10	45	0,09	0,1
C80108	M8x15	25	45	25	10	45	0,11	0,2
C80110	M10x16	25	45	25	10	45	0,13	0,25
C80112	M12x22	35	63	35	14	62	0,27	0,4
C80114	M14x20	35	63	35	14	62	0,29	0,75
C80116	M16x29	35	63	35	14	62	0,31	1
C80120	M20x32	50	90	50	20	90	0,86	1,5
C80124	M24x40	50	90	50	20	90	0,9	2
C80130	M30x45	60	108	65	24	109	1,7	3

Working load limit W.L.L. (t)

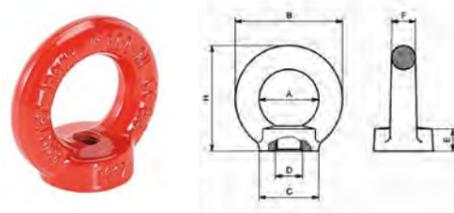
Code	Size mm	0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Max tightening torque Nm
C80106	M6x15	0,4	0,8	0,1	0,2	0,14	0,1	0,2	0,14	3,5
C80108	M8x15	0,8	1,6	0,2	0,4	0,28	0,2	0,4	0,28	8
C80110	M10x16	1	2	0,25	0,5	0,35	0,25	0,5	0,35	16
C80112	M12x22	1,6	3,2	0,4	0,8	0,56	0,4	0,8	0,56	28
C80114	M14x20	3	6	0,75	1,5	1	0,75	1,5	1	45
C80116	M16x29	4	8	1	2	1,4	1	2	1,4	70
C80120	M20x32	6	12	1,5	3	2,1	1,5	3	2,1	135
C80124	M24x40	8	16	2	4	2,8	2	4	2,8	230
C80130	M30x45	12	24	3	6	4,2	3	6	4,2	465



C802

EYE NUT 8.8 - safety coefficient 4

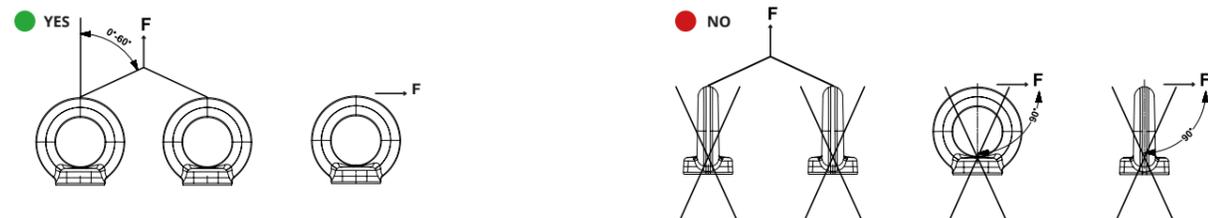
To be screwed by hand



Code	Size	A mm	B mm	C mm	E mm	F mm	H mm	Weight Kg	W.L.L. t
C80206	M6	25	45	25	10	10	45	0,1	0,4
C80208	M8	25	45	25	10	10	45	0,1	0,8
C80210	M10	25	45	25	10	10	45	0,1	1
C80212	M12	35	63	35	14	14	62	0,26	1,6
C80214	M14	35	63	35	14	14	62	0,26	3
C80216	M16	35	63	35	14	14	62	0,26	4
C80218	M18	50	90	50	20	20	90	0,75	5
C80220	M20	50	90	50	20	20	90	0,75	6
C80224	M24	50	90	50	20	20	90	0,75	8
C80227	M27	60	108	65	24	24	109	1,4	10
C80230	M30	60	108	65	24	24	109	1,4	12

Working load limit W.L.L. (t)

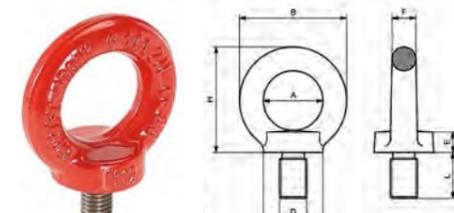
Code	Size mm	0°	0°	0°- 45°	45°- 60°	0°- 45°	45°- 60°	Max tightening torque Nm
		1 leg	2 legs	2 legs	2 legs	3/4 legs	3/4 legs	
C80206	M6	0,4	0,8	0,14	0,1	0,2	0,14	3,5
C80208	M8	0,8	1,6	0,28	0,2	0,4	0,28	8
C80210	M10	1	2	0,35	0,25	0,5	0,35	16
C80212	M12	1,6	3,2	0,56	0,4	0,8	0,56	28
C80214	M14	3	6	1	0,75	1,5	1	45
C80216	M16	4	8	1,4	1	2	1,4	70
C80218	M18	5	10	1,8	1,25	2,5	1,8	95
C80220	M20	6	12	2,1	1,5	3	2,1	135
C80224	M24	8	16	2,8	2	4	2,8	230
C80227	M27	10	20	3,5	2,5	5	3,5	343
C80230	M30	12	24	4,2	3	6	4,2	465



C803

EYE BOLT 8.8 - safety coefficient 4

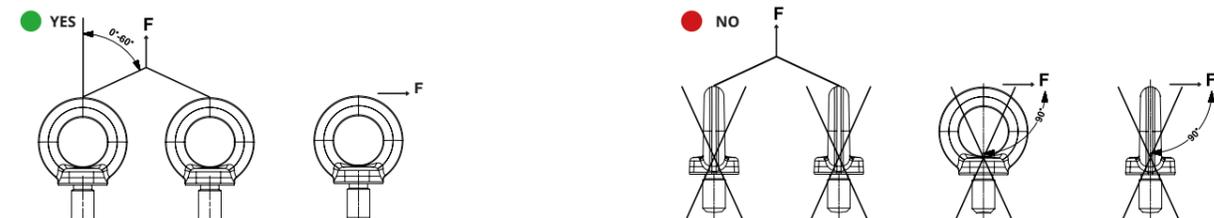
To be screwed by hand



Code	Size D x L (mm)	A mm	B mm	C mm	E mm	F mm	H mm	Weight Kg	W.L.L. t
C80306	M6x13	25	45	25	10	10	45	0,09	0,4
C80308	M8x13	25	45	25	10	10	45	0,09	0,8
C80310	M10x17	25	45	25	10	10	45	0,11	1
C80312	M12x21	35	63	35	14	14	62	0,27	1,6
C80314	M14x21	35	63	35	14	14	62	0,29	3
C80316	M16x27	35	63	35	14	14	62	0,31	4
C80318	M18x27	50	90	50	20	20	90	0,84	5
C80320	M20x30	50	90	50	20	20	90	0,86	6
C80322	M22x36	50	90	50	20	20	90	0,9	7
C80324	M24x36	50	90	50	20	20	90	0,9	8
C80327	M27x45	60	108	65	24	24	109	1,66	10
C80330	M30x45	60	108	65	24	24	109	1,7	12
C80333	M33x54	70	126	75	26	28	128	2	14
C80336	M36x54	70	126	75	26	28	128	2,15	16
C80342	M42x63	80	144	85	30	32	147	4,15	24
C80348	M48x68	90	166	100	35	38	168	6,2	32
C80356	M56x78	100	184	110	38	42	187	8,8	36
C80364	M64x90	110	206	120	42	48	208	12,4	45

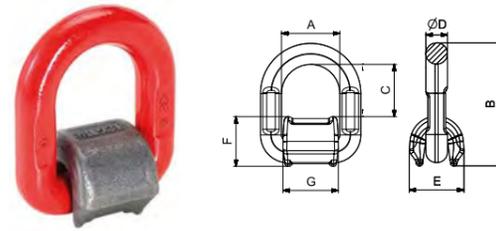
Working load limit W.L.L. (t)

Code	Size mm	0°	0°	0°- 45°	45°- 60°	0°- 45°	45°- 60°	Max tightening torque Nm
		1 leg	2 legs	2 legs	2 legs	3/4 legs	3/4 legs	
C80306	M6x13	0,4	0,8	0,14	0,1	0,2	0,14	3,5
C80308	M8x13	0,8	1,6	0,28	0,2	0,4	0,28	8
C80310	M10x17	1	2	0,35	0,25	0,5	0,35	16
C80312	M12x21	1,6	3,2	0,56	0,4	0,8	0,56	28
C80314	M14x21	3	6	1	0,75	1,5	1	45
C80316	M16x27	4	8	1,4	1	2	1,4	70
C80318	M18x27	5	10	1,8	1,25	2,5	1,8	95
C80320	M20x30	6	12	2,1	1,5	3	2,1	135
C80322	M22x36	7	14	2,4	1,75	3,5	2,4	182
C80324	M24x36	8	16	2,8	2	4	2,8	230
C80327	M27x45	10	20	3,5	2,5	5	3,5	343
C80330	M30x45	12	24	4,2	3	6	4,2	465
C80333	M33x54	14	28	4,8	3,4	6,8	4,8	632
C80336	M36x54	16	32	5,6	3,9	7,8	5,4	814
C80342	M42x63	24	48	8,4	5,9	11,8	8,2	1304
C80348	M48x68	32	64	11,2	7,8	15,6	10,9	1981
C80356	M56x78	36	72	12,6	8,8	17,6	12,3	3000
C80364	M64x90	45	90	15,7	11	22	15,4	4736



C804

ATTACHMENT-POINT WELD-ON TYPE - safety coefficient 4



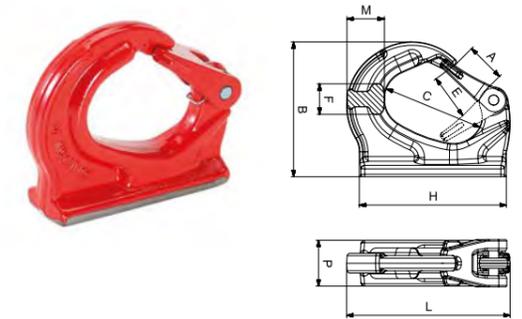
Code	Code with spring	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Weight Kg	W.L.L. t
C80401	C80401M	41	80	35	13	38	33,5	37	0,47	1,12
C80402	C80402M	42	90	41	14	40	36	38	0,51	2
C80403	C80403M	46	96	42	17	43	37	44	0,69	3,15
C80405	C80405M	55	121	48	22	61	50	50	1,46	5,3
C80408	C80408M	70	144	62	26,5	70,5	54	66	2,52	8
C80415	C80415M	97	187	86	34	90	72	90	5,79	15

Working load limit W.L.L. (t)

Code	Code with spring	0° 1 leg	0° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs
C80401	80401M	1,12	2,24	1,57	1,12	1,12	2,35	1,68	1,12
C80402	80402M	2	4	2,8	2	2	4,2	3	2
C80403	80403M	3,15	6,3	4,41	3,15	3,15	6,62	4,73	3,15
C80405	80405M	5,3	10,6	7,42	5,3	5,3	11,13	7,95	5,3
C80408	80408M	8	16	11,2	8	8	16,8	12	8
C80415	80415M	15	30	21	15	15	31,5	22,5	15

C805

WELD-ON HOOK - safety coefficient 4



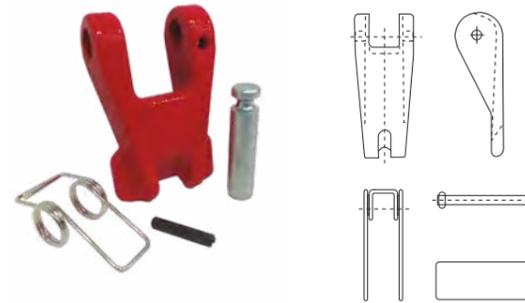
Code	A mm	B mm	C mm	E mm	F mm	H mm	M mm	P mm	L mm	Weight Kg	W.L.L. t
C805112S	23	77	63	22	18	93	22,5	25	101	0,54	1,12
C8052	27	92	66	26	20,5	81	23	34	114	0,87	2
C8053	30	106	75	30	24	116	30	36	128	1,27	3
C8055	37	133	98	32,5	28	160	43	43,5	170	2,7	5
C8058	36	137	99	31	39	166	44	51	177	3,5	8
C80510	49	169	140	39	38	205	55	53	224	5,2	10

Working load limit W.L.L. (t)

Code	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs
C805112S	1,12	2,24	1,57	1,12	1,12	2,35	1,68	1,12
C8052	2	4	2,8	2	2	4,2	3	2
C8053	3	6	4,2	3	3	6,3	4,5	3
C8055	5	10	7	5	5	10,5	7,5	5
C8058	8	16	11,2	8	8	16,8	12	8
C80510	10	20	14	10	10	21	15	10

CK805

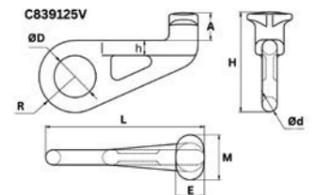
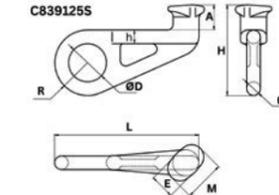
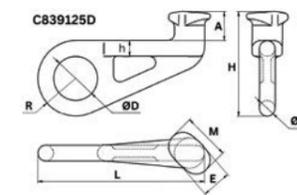
LATCH KIT FOR HOOKS



Code	Size (T)	Accessory of use
CK805112S	1,12	C805112
CK8052	2	C8052
CK8053	3	C8053
CK8055	5	C8055
CK8058	8	C8058
CK80510	10	C80510

C839

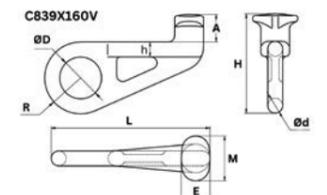
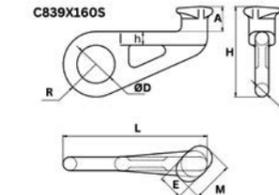
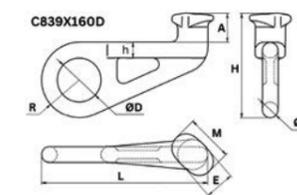
HOOK FOR CONTAINERS WITH ISO POINT - GR. 80 - safety coefficient 4



Code	A mm	E mm	H mm	h mm	L mm	M mm	R mm	D mm	d mm	Weight Kg	W.L.L. t
C839125D	46	48	166	25	265	75	60	70	25	4	12,5
C839125S	46	48	166	25	265	75	60	70	25	4	12,5
C839125V	46	48	166	25	265	75	60	70	25	4	12,5

C839X

HOOK FOR CONTAINERS WITH ISO POINT - GR. 100 - safety coefficient 4



Code	A mm	E mm	H mm	h mm	L mm	M mm	R mm	D mm	d mm	Weight Kg	W.L.L. t
C839X160D	46	48	166	25	265	75	60	70	25	4	16
C839X160S	46	48	166	25	265	75	60	70	25	4	16
C839X160V	46	48	166	25	265	75	60	70	25	4	16

Anchorage Devices

The new machinery directive 2006/42/CE and the new legislation provisions concerning safety and health in business premises, for Italy the unique text D. Lgs 81/08, point out again the importance of reducing risks to a minimum in relation to lifting loads.

As a solution to the above Carcano SPA offers a series of fastening devices dedicated to carrying out all movement and or lifting operations for safe loading, these devices are designed, produced and tested at our plants giving complete guarantee of a "MADE IN ITALY" product.

Thanks to the design activities where the Carcano SPA technicians carefully analyse all the essential safety requirements prescribed by the European directives in question, thanks to the quality of raw materials and constant control of the device process guarantees:

- high performance even with out of alignment pulling,
- easy to orient and self aligning when loading,
- minimum overall dimensions during use,
- safety coefficient 4 in all pulling directions

Anti Falling Stop Devices

During the daily activity of workers in all kinds of factories and in building permanent or temporary sites it is quite normal to have to work at heights where it is difficult to apply common protection devices such as parapets or even life lines.

Carcano SPA offers new protection devices needed to guarantee worker anti fall stop.

The devices realized in conformity with all the specific directives for individual protection (2016/425, 795 362 364 365) undergo severe controls with sampling up to 100% in order to guarantee suitability of each single part.

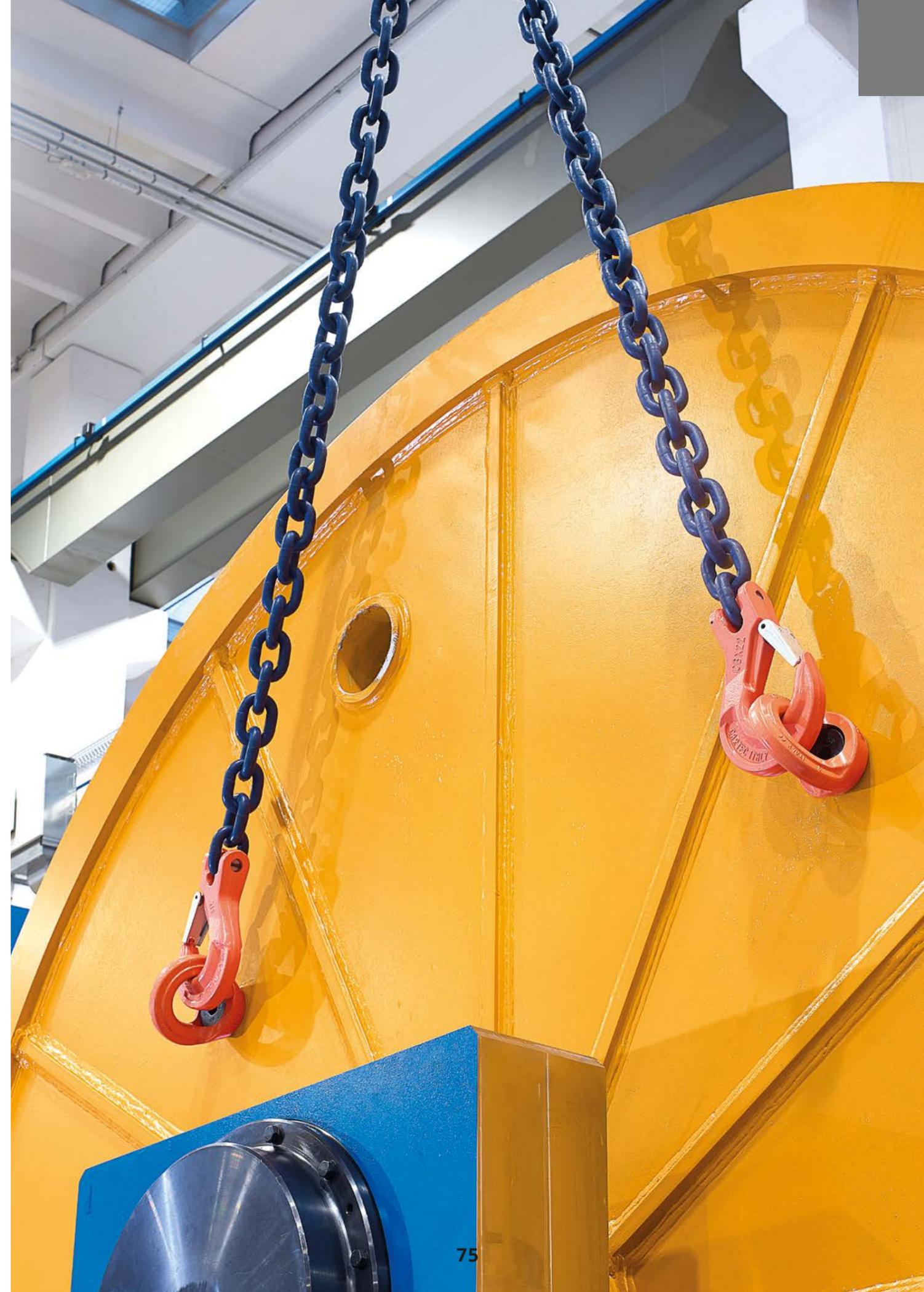
To guarantee the above the devices are subject to the approval of accredited National and International institutions.

Eyebolts DIN 580/582

Together with anchorage device kits Carcano SPA also supplies the classic lifting eyebolt DIN 580/582 in the standard version in carbon steel and in the stainless steel version to be used in permanent outdoor environments and/or marine ones and in addition to these there is also the version in alloy steel class 8.8.

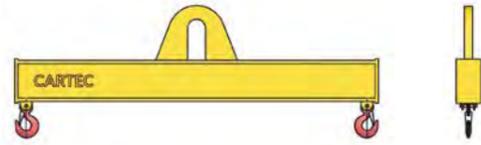
Eyebolts DIN580/582 due to the way they are made have some limits, that is difficult to orient in the direction of the load the dramatic reduction to the capacity out of alignment without a careful evaluation by the user may expose workers to very high risks and are difficult to prevent.

With this in mind we recommend the use of these eyebolts only in operations where the type of load and movements of the work area generate low exposure to the risk of crushing, impacts and accidents to people in general.



CARTEC

LIFTING BEAMS



Category: lifting tool

SWL (Kg.): from 1000 to 20000

Items to lift: different items, various shape and material

**EQUIPPABLE WITH DIFFERENT HOOKING HEADS, SINGLE AND CENTRAL SUSPENSION
SUITABLE EITHER FOR DIN 15402 ANCHOR HOOKS AND FOR DIN 15401 SIMPLE HOOKS
ADVANTAGE: AVAILABLE IN RIGID OR ADJUSTABLE VERSION**

Products manufactured on client specifications: Products are either produced based on the design of CARCANO SPA or on the design or specifications of the Client on order.

Lifting beams are supplied with certification drawn up in compliance with the reference technical regulations.

LIFTING BEAMS



Category: lifting tool

SWL (Kg.): from 1000 to 20000

Items to lift: different items, various shape and material

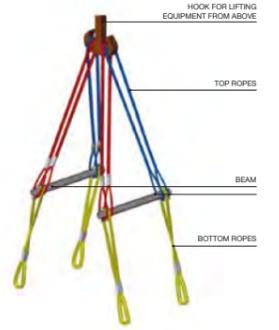
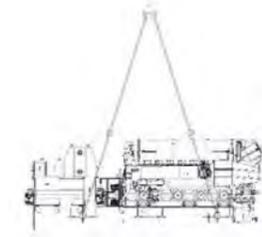
**EQUIPPABLE WITH DIFFERENT HOOKING HEADS, SINGLE AND CENTRAL SUSPENSION
SUITABLE EITHER FOR DIN 15402 ANCHOR HOOKS AND FOR DIN 15401 SIMPLE HOOKS
ADVANTAGE: AVAILABLE IN RIGID OR ADJUSTABLE VERSION**

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Lifting beams are supplied with certification drawn up in compliance with the reference technical regulations.

CARTEC

BALANCING TOOL



Category: balancing tool

SWL (Kg.): 40000

Items to lift: genset diesel engine

**SPACING HOOKING POINTS
ADVANTAGE: LIGHT WEIGHT AND DURABLE**

Products manufactured on client specifications: Products are either produced based on the design of CARCANO SPA or on the design or specifications of the Client on order

Lifting beams are supplied with certification drawn up in compliance with the reference technical regulations.

COIL HOOKS



Category: hooks

SWL (Kg.): da 500 a 10000

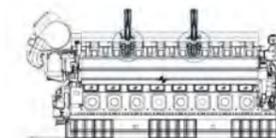
Items to lift: coils

**PECULIARIATY: WITH COUNTERWEIGHT
ADVANTAGE: AVAILABLE IN DIFFERENT DIMENSIONS VERSION**

Products manufactured on client specifications: Products are either produced based on the design of CARCANO SPA or on the design or specifications of the Client on order

Lifting beams are supplied with certification drawn up in compliance with the reference technical regulations

LIFTING APPENDIX



Category: lifting appendix

SWL (Kg.): 13500

Items to lift: complete diesel engine

**ADJUSABLE BOLT AND NUTS
ADVANTAGE: PARTICULAR SHAPE FOR ADAPTATION TO THE SURFACE OF THE MOTOR**

Products manufactured on client specifications: Products are either produced based on the design of CARCANO SPA or on the design or specifications of the Client on order

Lifting beams are supplied with certification drawn up in compliance with the reference technical regulations



CARTEC

ROPE BLOCKS



W.L.L.: From 1 t to 500 t

Hooks: DIN 15401/DIN15402. Rotates on its pivot and swings on a perpendicular axis.

Pulleys: Cast iron, steel, heavy duty nylon, water tight bearings, bronze sleeves.

Safety: Spring (standard), gravity or personalised upon request.

Installation: Fast, does not require removal of cable terminal.

Maintenance: The down-pull resistance bearings, the hook, the pivots and the pulley shaft (on request) are oiled.

Certification/sectors: Carcano Spa certifies its products in line with international standards requested by the Client and in using first class certification authorities belonging to IACS by way of guaranteeing the product.

Coating: Special explosion proof protection (carter in stainless steel AISI 316L – bronze coating).

Products manufactured on client specifications: Products are either produced based on the design of Carcano Spa or on the design or specifications of the Client on order

Use in special fields: besides the standard use Carcano Spa designs and produces special hook blocks for particular fields such as marine, off-shore, oil, industrial use and those of on-site equipment. Products are in line with the most stringent quality standards prescribed by specific regulations for each sector: API, ATEX, ASME, DIN, ISO, UNI, etc.

Ø Rope (mm)	8	10	12	14	16	18	20	22	24	26	28	30	32	34
No. Pulleys	Indicative load bearing (t)													
1	2,0	3,5	5,0	6,5	8,5	10,5	13,0	16,0	19,0	21,0	24,0	27,5	30,5	34,5
2	4,0	7,0	10,0	13,0	17,0	21,0	26,0	32,0	38,0	42,0	48,0	55,0	61,0	69,0
3	6,0	10,5	15,0	19,5	25,5	31,5	39,0	48,0	57,0	63,0	72,0	82,5	91,5	103,5
4	8,0	14,0	20,0	26,0	34,0	42,0	52,0	64,0	76,0	84,0	96,0	110,0	122,0	138,0
5	10,0	17,5	25,0	32,5	42,5	52,5	65,0	80,0	95,0	105,0	120,0	137,5	152,5	172,5
6	12,0	21,0	30,0	39,0	51,0	63,0	78,0	96,0	114,0	126,0	144,0	165,0	183,0	207,0

The table was drawn up using an A6 Teci Rome considered to be the standard on the market for use with cranes.

The load bearing capacity shown in the table varies depending on the rope.

The load shown take into consideration pulleys without a grip. The grip increases the weight of the hook block.

DIRECT PULL BLOCKS



Hooks: DIN 15401/DIN15402. Rotation of hook on bearing.

Hook block: Cast iron – from round bar in steel

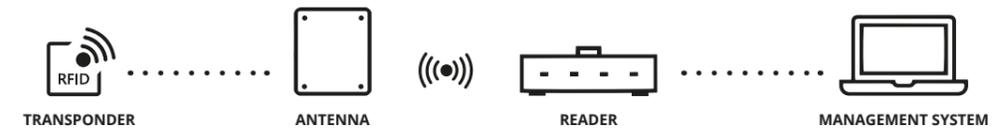
Certification/sectors: Carcano Spa certifies its products in line with international standards requested by the Client and in using first class certification authorities belonging to IACS by way of guaranteeing the product.

Products manufactured on client specifications: Products are either produced based on the design of Carcano Spa or on the design or specifications of the Client on order

Use in special fields: besides the standard use Carcano Spa designs and produces special hook blocks for particular fields such as marine, off-shore, oil, industrial use and those of on-site equipment. Products are in line with the most stringent quality standards prescribed by specific regulations for each sector: API, ATEX, ASME, DIN, ISO, UNI, etc.

Code	Capacity t	Ø Rope mm	Weight kg
BMG - 2	2	13	16
BMG - 3	3	16	28
BMG - 5	5	19	49
BMG - 7.5	7,5	22	76
BMG - 10	10	26	130
BMG - 15	15	32-35	190
BMG - 20	20	39-42	260
BMG - 25	25	43-48	280

TAG TRANSPONDER RFID



Carcano S.p.A. offers services with a high added value; through its own in-house laboratory and interfacing with the external ones, it performs a number of different specialised activities, namely:

- it undertakes systematic controls on raw materials
- it constantly conducts checks on intermediate processing stages
- it uses statistical control and analysis systems on finished products
- it invests in research and development to continuously extend its range of products.

As a result of this constant improvement in quality, the Company now offers an advanced tracking system for its products which enables it to achieve a number of objectives:

- identifying products in a certain and unequivocal manner for tracking purposes
- enabling products to be identified "in the field" so as to receive information on them and to undertake inspections
- raising the level of safety in the workplace

Radio Frequency Identification (RFID) technology has the right characteristics to achieve these objectives.

Carcano S.p.A. therefore offers CARTEC Swivel Eyebolts, of any size and range, equipped with chips using RFID technology. We firmly believe that this service will be of enormous benefit to your company, allowing you to manage your lifting accessories programme via computer.





CARTEC 100 LIFTING ACCESSORIES

A vast range of high-performance, accessories for the handling of loads in safety. This has always the core-business of our company and with these

products it has become a point of reference throughout the world. A proposal in continuous evolution, designed, manufactured and tested by CARCANO.

The continuous improvements and research which are needed to offer products that are constantly innovative and top quality have led to the manufacture of CARTEC 100. By keeping the assembly system the same and keeping to a simple, traditionally acceptable system, the Grade 100 product line of Carcano S.p.A. offers a valid and economic alternative for a top quality product.

Carcano S.p.A. received "92" certification from the German agency DGUV, in Hanover, for the line of lifting accessories for the Grade 100 lifter. We are the fourth company in the world to be conferred this prestigious accreditation. What makes the CARTEC 100 advantageous and economic is summarized below:

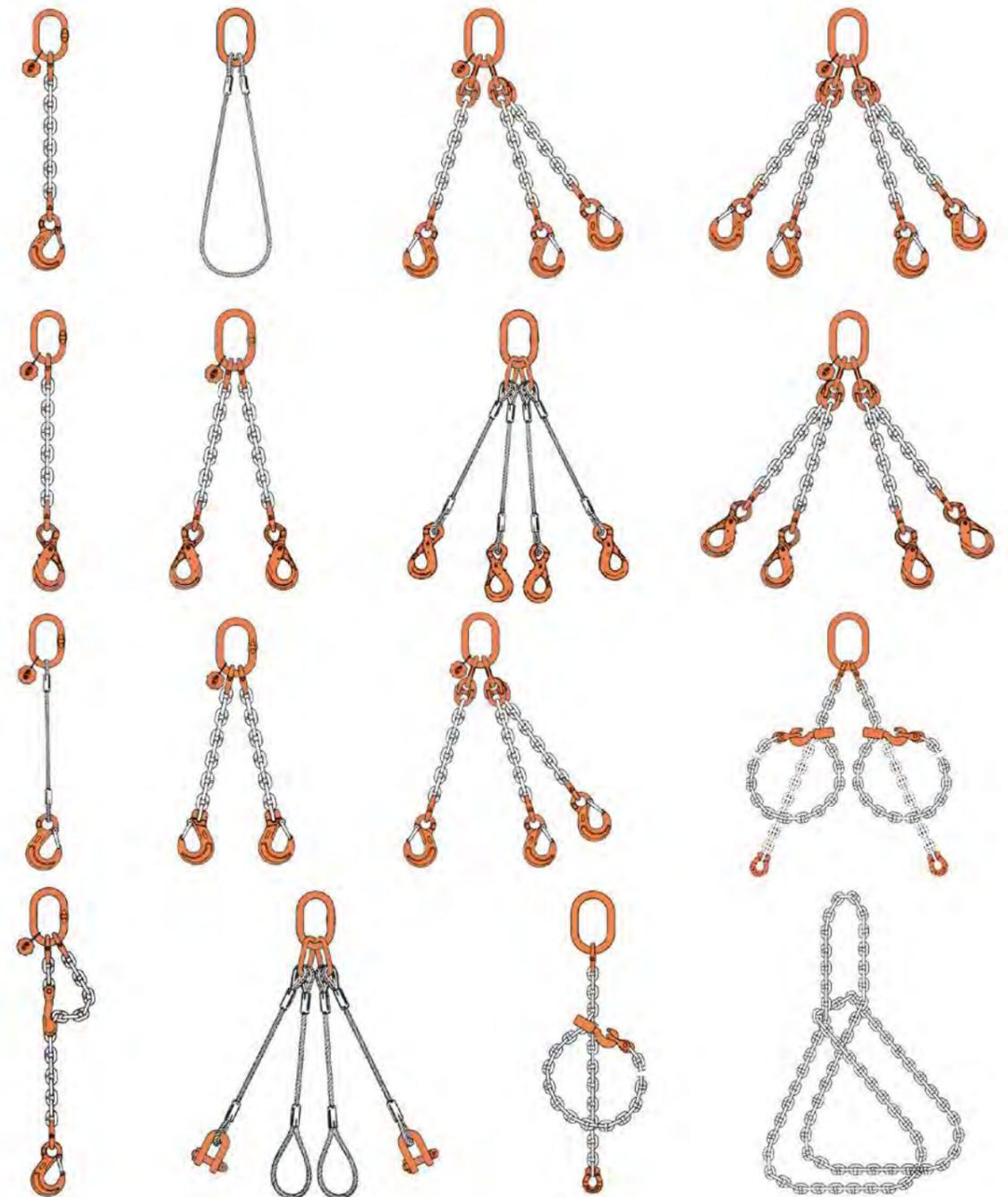
- No substantial variation in the shape or dimensions compared to the Grade 80
- 25% more loading capacity than the Grade 80, with unvaried safety standards
- Low wear rate given the exceptional resistance of the materials
- The ability to evaluate, with careful observation of the loads, a lifting system that is lighter than the current standards, such as the Grade 80, using the relative chain and accessories (the system uses a chain with diameter 6 instead of 7) and thus obtain more economical slings
- The accessories are protected with epoxy coating, in peach RAL 3022.

Load reduction factors

Variation in % of the safe working load in respect to the increase of temperature.

0	$-40 \leq T < 200^{\circ} \text{C}$
-10%	$200 \leq T < 300^{\circ} \text{C}$
-25%	$300 \leq T < 380^{\circ} \text{C}$

EXAMPLES OF USE OF ACCESSORIES FOR THE CONSTRUCTION OF LIFTING SLINGS



1 - MASTER LINKS



2 - CHAIN



3 - OPTIONAL ACCESSORIES

Shortening hooks



4 - ACCESSORIES



Connection chain-fitting



Direct connection chain-fitting



Ø Chain (mm)

6
7
8
10
13
16
20
22
26
32



Single slings

CMX 0706
CMX 0807
CMX 1008
CMX 1310
CMX 1613
CMX 2018
CMX 2220
CMX 2622
CMX 3226



Double slings

CMX 0706
CMX 0807
CMX 1008
CMX 1310
CMX 1613
CMX 1816
CMX 2220
CMX 2622
CMX 3226



Triple or quadruple slings

CMCX 06
CMCX 07
CMCX 08
CMCX 10
CMCX 13
CMCX 16
CMCX 20
CMCX 22
-
CMCX 32



Ø Chain (mm)

6
7
8
10
13
16
20
22
26
32



Connecting link

CLX 06
CLX 07
CLX 08
CLX 10
CLX 13
CLX 16
CLX 20
CLX 22
CLX 26
CLX 32



Shortening clutch with safety

CXX 06
CXX 07
CXX 08
CXX 10
CXX 13
CXX 16
CXX 20
-
-
-



Shortening clutch with semi-connecting link

-
CXXL 07
CXXL 08
CXXL 10
CXXL 13
CXXL 16
-
-
-



Ø Chain (mm)

6
7
8
10
13
16
20
22
26
32



Eye-clevis shortening hook

CDFX06
CDFX07
CDFX08
CDFX10
CDFX13
CDFX16
-
-
-
-



Eye grab hook

CDX 06
CDX 08
CDX 10
CDX 13
CDX 16
CDX 20
CDX 22
CDX 26
CDX 32



Clevis grab hook

CFX 06
CFX 07
CFX 08
CFX 10
CFX 13
CFX 16
CFX 20
CFX 22
-
-



Eye sling hook with latch

CAX 06
CAX 08
CAX 08
CAX 10
CAX 13
CAX 16
CAX 20
CAX 22
CAX 26
CAX 32



Self locking eye hook

CROX 06
CROX 08
CROX 08
CROX 10
CROX 13
CROX 16
CROX 20
CROX 22
-
-



Ø Chain (mm)

6
7
8
10
13
16
20
22
26
32



Swivel self locking hook

CRGX 06
CRGX 08
CRGX 08
CRGX 10
CRGX 13
CRGX 16
-
-
-
-



Foundry hook

CYX 06
CYX 08
CYX 08
CYX 10
CYX 13
CYX 16
CYX 20
CYX 22
CYX 26
CYX 32



Clevis sling hook with latch

CBX 06
CBX 07
CBX 08
CBX 10
CBX 13
CBX 16
CBX 20
CBX 22
-
-



Self locking clevis hook

CRFX 06
CRFX 07
CRFX 08
CRFX 10
CRFX 13
CRFX 16
CRFX 20
CRFX 22
-
-



Foundry clevis hook

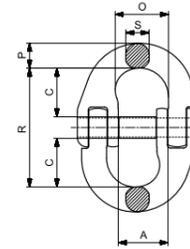
CYFX 06
CYFX 07
CYFX 08
CYFX 10
CYFX 13
CYFX 16
-
-
-
-

CARTEC 100

CLX CONNECTING LINK



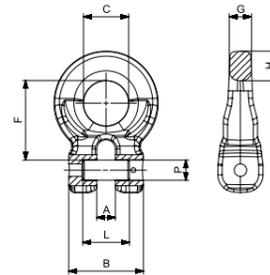
Chain	Code	A	C	O	R	P	S	Weight	W.L.L.	
mm	inch	mm	mm	mm	mm	mm	mm	Kg	Kg	
6	1/4	CLX 06	14	18	18	45	8	7,5	0,07	1400
7	9/32	CLX 07	17,8	20	20,5	50,5	10,2	9	0,14	1900
8	5/16	CLX 08	19	25,5	23,5	62	11,5	10	0,2	2500
10	3/8	CLX 10	23,8	30	27,5	72	12,6	12,6	0,35	4000
13	1/2	CLX 13	28	36	33,3	87,3	19	16,7	0,74	6700
16	5/8	CLX 16	34,3	40,5	39,5	105	20,6	20,6	1,16	10000
20	3/4	CLX 20	42	46	46	113	28	25	2,5	16000
22	7/8	CLX 22	49	55	58	133	29	28	3,1	19000
26	1	CLX 26	57	85	70	192	40	30	6,8	26500
32	1 1/4	CLX 32	80	84,5	94,1	206	47	35	11,5	40000



CPAX CLEVIS ATTACHMENT



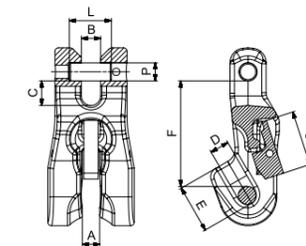
Chain	Code	A	B	C	F	G	H	PxL	Weight	W.L.L.	
mm	inch	mm	mm	mm	mm	mm	mm	mm	Kg	Kg	
6	1/4	CPAX 06	7,5	32	18	32	9,8	11	7,5x21	0,15	1400
7	9/32	CPAX 07	9,5	40	24	42,5	12	15	9x26	0,28	1900
8	5/16	CPAX 08	9,5	40	24	42,5	12	15	10x26	0,28	2500
10	3/8	CPAX 10	12	48	30	51,5	16	18	13x31,5	0,5	4000
13	1/2	CPAX 13	15,5	54	36	63,5	19	21,5	16x42	0,9	6700
16	5/8	CPAX 16	18	70	47	79,5	22,7	27,5	21x51,5	1,8	10000



CXX SHORTENING CLUTCH WITH SAFETY



Chain	Code	A	B	C	D	E	F	G	PxL	Weight	W.L.L.	
mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	Kg	Kg	
6	1/4	CXX 06	7,5	8	10	8	19	45	23	7,5x17,5	0,21	1400
7	9/32	CXX 07	10	9,5	10	9,5	23,5	56	29	9x22,5	0,48	1900
8	5/16	CXX 08	10	9,5	10	9,5	23,5	56	29	10x22,5	0,48	2500
10	3/8	CXX 10	12	12	14,5	12	32,5	78	36	13x31,5	1,12	4000
13	1/2	CXX 13	15,5	15,5	18	15,5	44	90	35	16x42	1,83	6700
16	5/8	CXX 16	19	21	21	19	50	106	38	21x51,5	2,83	10000
20-NEW	3/4	CXX 20	24	23,5	24	24	67,5	133	44	24x61,5	6,75	16000

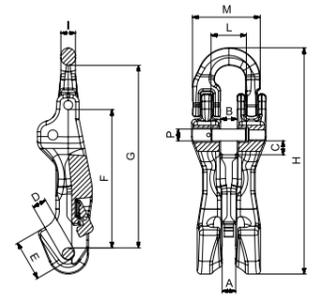


CARTEC 100

CXXL SHORTENING CLUTCH WITH SEMI-CONNECTING LINK



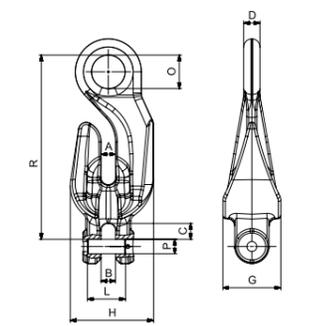
Chain	Code	A	B	C	D	E	F	G	H	I	M	PxL	Weight	W.L.L.
mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Kg	Kg
7	9/32	CXXL 07S	9,5	9,5	10	9,5	23,5	56	128	158	8,5	44,5 9x34	0,82	1900
8	5/16	CXXL 08S	9,5	9,5	10	9,5	23,5	56	137	164	10	50 10x34	0,85	2500
10	3/8	CXXL 10S	12	12	14,5	12	32,5	78	160	193	12,5	60,5 13x39	1,61	4000
13	1/2	CXXL 13S	15,5	15,5	18	15,5	44	90	217	249,5	16	76 16x53	3,27	6700
16	5/8	CXXL 16S	19	20	21	19	50	106	254	303	20	97 21x70	5,75	10000



CDFX EYE-CLEVIS SHORTENING HOOK



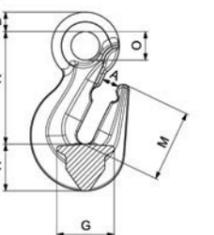
Chain	Code	A	B	C	D	G	O	R	H	PxL	Weight	W.L.L.	
mm	inch	mm	mm	mm	mm	mm	mm	mm	mm	mm	Kg	Kg	
6	1/4	CDFX06	8	7,5	8,8	9	29	18	85	37	7,5x17,5	0,3	1400
7	9/32	CDFX07	9,5	10	11,5	12	39	24	122,5	54	9x22,5	0,67	1900
8	5/16	CDFX08	9,5	10	11	12	39	24	122	54	10x22,5	0,67	2500
10	3/8	CDFX10	13	12	15	14,5	50	31	160	70	13x31,5	1,3	4000
13	1/2	CDFX13	16	15,5	17,5	18	64	37	204	92	16x42	3	6700
16	5/8	CDFX16	20	18,5	21,5	24	80	48	232	102	21x51,5	5,2	10000



CDX CDXS EYE GRAB HOOK WITH/WITHOUT LATCH



Chain	Code	Code	A	D	G	H	O	R	M	Weight	W.L.L.	
mm	inch	without latch	with latch	mm	mm	mm	mm	mm	mm	Kg	Kg	
6	1/4	CDX 06	CDX 06S	8	8,5	22	22	13,5	53,5	35,5	0,18	1400
7-8	9/32-5/16	CDX 08	CDX 08S	10	11	30	28	17	70	47	0,4	2500
10	3/8	CDX 10	CDX 10S	13	15	44	34	22	86,5	55	0,88	4000
13	1/2	CDX 13	CDX 13S	17	18	53	47	26	110,5	81	1,95	6700
16	5/8	CDX 16	CDX 16S	19	21	64	60	32	129	92	3,2	10000
20	3/4	CDX 20		23,5	23	85	64	38	153,5	100	4,9	16000
22	7/8	CDX 22		26	30	87	71	42	184	115	7,5	19000
26	1	CDX 26		30,5	36	100	90	55	213	127	13	26500
32	1 1/4	CDX 32		38,5	44	160	112	60	245	200	30,5	40000

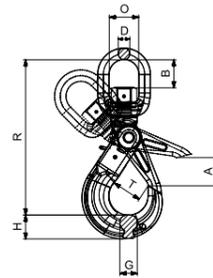


CARTEC 100

CRGX SWIVEL SELF LOCKING HOOK



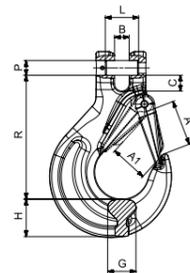
Chain mm inch	Code	R mm	A mm	B mm	O mm	D mm	G mm	H mm	T mm	Weight Kg	W.L.L. Kg
6 1/4	CRGX 06	160	28	27	36	13	16	21	35	0,6	1400
7-8 9/32-5/16	CRGX 08	182	34	27	36	13	20	26	43	1,1	2500
10 3/8	CRGX 10	217	45	35	45	16	25	30	56	2	4000
13 1/2	CRGX 13	271	54	45	50	21	35	40	69	4	6700
16 5/8	CRGX 16	320	62	58	62	24	38	50	80	6,8	10000



CBX CLEVIS SLING HOOK WITH LATCH



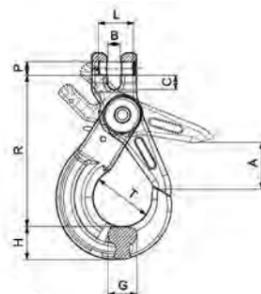
Chain mm inch	Code	A mm	A1 mm	B mm	C mm	G mm	H mm	R mm	PxL mm	Weight Kg	W.L.L. Kg
6 1/4	CBX 06SF	26	19	7	8	15	20	69	7,5x17,5	0,31	1400
7 9/32	CBX 07SF	34	26	9,5	10	19	28	95	9x22,5	0,64	1900
8 5/16	CBX 08SF	34	26	9,5	10	19	28	95	10x22,5	0,61	2500
10 3/8	CBX 10SF	40	31	12	13,5	25	33	110	13x29,5	1,17	4000
13 1/2	CBX 13SF	51	40	15	17	30	40	136	16x37	2,11	6700
16 5/8	CBX 16SF	56	45	18	22	37	48	155	20x52	3,48	10000
20 3/4	CBX 20SF	60	53	23	26	51	52	185	24x73	6,8	16000
22 7/8	CBX 22SF	70	62	26	29	50	63	210	26x72	9,11	19000



CRFX SELF LOCKING CLEVIS HOOK



Chain mm inch	Code	A mm	B mm	C mm	G mm	H mm	R mm	T mm	PxL mm	Weight Kg	W.L.L. Kg
6 1/4	CRFX 06	28	7	8	16	21	94	35	7,5x17,5	0,5	1400
7 9/32	CRFX 07	34	9	10	20	26	123	43	9x22,5	0,95	1900
8 5/16	CRFX 08	34	9	10	20	26	123	43	10x22,5	0,95	2500
10 3/8	CRFX 10	45	12	14	25	30	143	56	13x31,5	1,6	4000
13 1/2	CRFX 13	51	15	17	35	40	180	69	16x42	3,2	6700
16 5/8	CRFX 16	60	19	19	36	50	215	80	21x51,5	6	10000
20 3/4	CRFX 20	70	23	26	60	67	253	90	24x73	9,8	16000
22 7/8	CRFX 22	82	26	32	62	70	287	100	26x72	14,4	19000

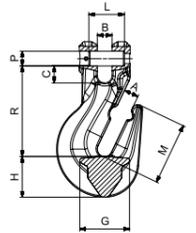


CARTEC 100

CFX CFX S CLEVIS GRAB HOOK WITH/WITHOUT LATCH



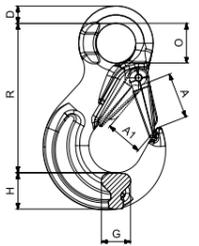
Chain mm inch	Code without latch	Code with latch	A mm	B mm	C mm	G mm	H mm	R mm	M mm	PxL mm	Weight Kg	W.L.L. Kg
6 1/4	CFX 06	CFX 06S	8	7,5	8,8	22	22	51,5	35,5	7,5x17,5	0,2	1400
7 9/32	CFX 07	CFX 07S	10	10	11,4	30	28	66,5	47	9x22,5	0,44	1900
8 5/16	CFX 08	CFX 08S	10	10	10,9	30	28	66	47	10x22,5	0,44	2500
10 3/8	CFX 10	CFX 10S	13	13	15	44	34	79,9	55	13x31,5	0,96	4000
13 1/2	CFX 13	CFX 13S	17	16	17,5	53	47	105,4	81	16x42	2,1	6700
16 5/8	CFX 16	CFX 16S	19	19	18,3	64	60	111,8	92	21x51,5	3,4	10000
20 3/4	CFX 20		23,5	23	22	85	65	118	100	24x61,5	5,2	16000
22 7/8	CFX 22		26	26	25	92	68	154	120	26x72	7,8	19000



CAX EYE SLING HOOK WITH LATCH



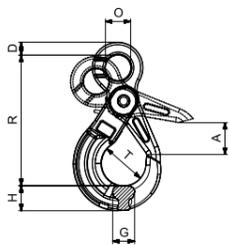
Chain mm inch	Code	A mm	A1 mm	D mm	G mm	H mm	O mm	R mm	Weight Kg	W.L.L. Kg
6 1/4	CAX 06SF	26	19	10	16	20	20	81	0,25	1400
7-8 9/32-5/16	CAX 08SF	33	26	11	19	29	25	101	0,5	2500
10 3/8	CAX 10SF	40	31	16	26	33	34	131	0,97	4000
13 1/2	CAX 13SF	51	40	19	33	42	43	159	1,9	6700
16 5/8	CAX 16SF	56	45	24,5	40	50	50	183	3,3	10000
20 3/4	CAX 20SF	60	52	27	48	53	55	203	4,5	16000
22 7/8	CAX 22SF	70	62	29	50	60	60	224	7,1	19000
26 1	CAX 26SF	77	73	35	60	75	70	257	12	26500
32 1 1/4	CAX 32SF	102	94	42	73	91	84	335	27,7	40000



CROX SELF LOCKING EYE HOOK



Chain mm inch	Code	A mm	D mm	G mm	H mm	O mm	R mm	T mm	Weight Kg	W.L.L. Kg
6 1/4	CROX 06	28	11	16	21	21	109	35	0,5	1400
7-6 9/32-5/16	CROX 08	34	12	20	26	27	135	43	0,96	2500
10 3/8	CROX 10	45	16	25	30	34	168	56	1,65	4000
13 1/2	CROX 13	51	20	35	40	40	205	69	3,25	6700
16 5/8	CROX 16	60	27	36	50	50	251	80	6,1	10000
20 3/4	CROX 20	70	30	60	67	60	290	90	9,8	16000
22 7/8	CROX 22	80	32	62	70	70	322	100	14,4	19000

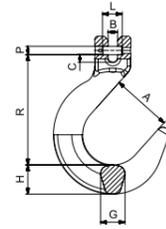


CARTEC 100

CYFX FOUNDRY CLEVIS HOOK



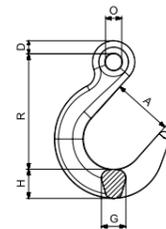
Chain mm inch	Code	A mm	B mm	C mm	G mm	H mm	R mm	PxL mm	Weight Kg	W.L.L. Kg
6 1/4	CYFX 06	53,5	8,5	6,5	22	26	91	7,5x17,5	0,7	1400
7 9/32	CYFX 07	64	10	11,5	26	31	120,4	9x22,5	1,1	1900
8 5/16	CYFX 08	64	10	11,5	26	31	120,4	10x22,5	1,1	2500
10 3/8	CYFX 10	76	13	15	30	34	131	13x31,5	1,7	4000
13 1/2	CYFX 13	89	17	17,5	40	44,5	148	16x42	3,6	6700
16 5/8	CYFX 16	101	19	21,5	45	50,5	198,5	21x51,5	5,6	10000



CYX FOUNDRY EYE HOOK



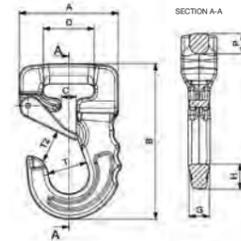
Chain mm inch	Code	A mm	D mm	G mm	H mm	O mm	R mm	Weight Kg	W.L.L. Kg
6 1/4	CYX 06	53,5	11,5	22	26	15	102,5	0,61	1400
7-8 9/32-5/16	CYX 08	62	13,5	25	29	24	128	0,92	2500
10 3/8	CYX 10	76	14	23	30	32	150	1,77	4000
13 1/2	CYX 13	89	19	38	40	27	173	2,82	6700
16 5/8	CYX 16	102	24	45	48	47	210	5,03	10000
20 3/4	CYX 20	114	28	54	60	56	260	7,6	16000
22 7/8	CYX 22	127	32	63	70	55	275	12,3	19000
26 1	CYX 26	136	35	72	80	62	305	17,9	26500
32 1 1/4	CYX 32	153	38	84	95	70	330	27,3	40000



CJ JOKER HOOK FOR WEB SLING

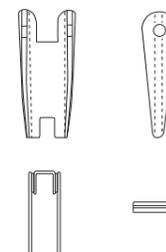


Code	A mm	B mm	C mm	D mm	G mm	H mm	P mm	T mm	T2 mm	Weight Kg	W.L.L. Kg
CJ 01	78	123	12	41	17	20	16	31	26	0,7	1000
CJ 02	91	148	19	55	21	26	17	40	31	1,2	2000
CJ 03	113	175	21	55	25	32	25	50	37	2,2	3000
CJ 04	133	223	40	70	36	40	36	59,5	43	4,5	4000
CJ 05	133	223	40	70	36	40	36	59,5	43	4,5	5000
CJ 06	133	223	40	70	36	40	36	59,5	43	4,5	6000
CJ 08	188	302	50	105	40	60	42	80	65	12,7	8000
CJ 10	188	302	50	105	40	60	42	80	65	12,7	10000



CKSX FORGED LATCH KIT FOR HOOKS

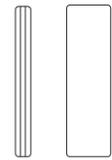
Chain mm inch	Code	Reference accessory
6 1/4	CKSX 06	CAX 06-CBX 06
7-8 9/32-5/16	CKSX 08	CAX 08-CBX 07-CBX 08
10 3/8	CKSX 10	CAX 10-CBX 10
13 1/2	CKSX 13	CAX 13-CBX 13
16 5/8	CKSX 16	CAX 16-CBX 16
20 3/4	CKSX 20	CAX 20-CBX 20
22 7/8	CKSX 22	CAX 22-CBX 22
26 1	CKSX 26	CAX 26



CARTEC 100

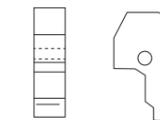
CKPX PIN KIT FOR CLEVIS HOOKS

Chain mm inch	Code	Reference accessory
6 1/4	CKPX 06	CFX 06-CRFX 06-CXX 06-CYFX 0-CDFX 06- CDFXA 106-CDFXA 206-CDFXA406
6 1/4	CKPX 06B	CBX 06
7 9/32	CKPX 07	CBX 07-CFX 07-CRFX 07-CXX 07-CYFX 07-CDFX 07-CDFXA 107-CDFXA 207-CDFXA 407
8 5/16	CKPX 08	CBX 08-CFX 08-CRFX 08-CXX 08-CYFX 08-CDFX 08-CDFXA108-CDFXA 208-CDFXA 408
10 3/8	CKPX 10	CRFX 10-CXX 10
10 3/8	CKPX 10B	CBX 10
10 3/8	CKPX 10F	CFX 10-CYFX 10-CDFX 10-CDFXA 110-CFDXA 210-CDFXA 410
13 1/2	CKPX 13	CRFX 13-CXX 13
13 1/2	CKPX 13B	CBX 13
13 1/2	CKPX 13F	CFX 13-CYFX 13-CDFX 13-CDFXA 113-CDFXA 213-CDFXA 413
16 5/8	CKPX 16	CRFX 16-CXX 16
16 5/8	CKPX 16B	CBX 16
16 5/8	CKPX 16F	CFX 16-CYFX 16-CDFX 16-CDFXA 116-CDFXA 216-CDFXA 416
20 3/4	CKPX 20	CFX 20
20 3/4	CKPX 20B	CBX 20-CRFX 20
20 3/4	CKPX 20C	CXX 20
22 7/8	CKPX 22	CBX 22-CFX 22-CRFX 22



CKXX LATCH KIT FOR SHORTENING CLUTCHES

Chain mm inch	Code	Reference accessory
6 1/4	CKXX 06	CXX 06
7 9/32	CKXX 07	CXX 07 - CXXL07
8 5/16	CKXX 08	CXX 08 - CXXL08
10 3/8	CKXX 10	CXX 10 - CXXL10
13 1/2	CKXX 13	CXX 13 - CXXL13
16 5/8	CKXX 16	CXX 16 - CXXL16
20 3/4	CKXX 20	CXX 20



CARTEC 100

CKPXL

PIN KIT FOR SHORTENING CLUTCHES WITH SEMI-CONNECTING LINK

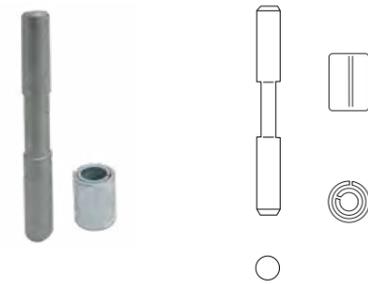
Chain mm	inch	Code	Reference accessory
7	9/32	CKPXL07	CXXL07
8	5/16	CKPXL08	CXXL08
10	3/8	CKPXL10	CXXL10
13	1/2	CKPXL13	CXXL13
16	5/8	CKPXL16	CXXL16



CLKX

PIN + SPRING KIT FOR CONNECTING LINKS

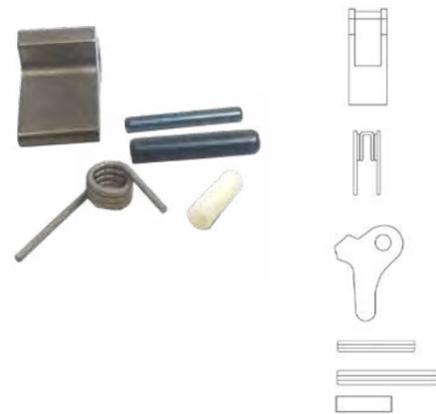
Chain mm	inch	Code	Reference accessory
6	1/4	CLKX06	CLX06
7	9/32	CLKX07	CLX 07-CXXL 07
8	5/16	CLKX08	CLX08-CXXL08
10	3/8	CLKX10	CLX10-CXXL10
13	1/2	CLKX13	CLX13-CXXL13
16	5/8	CLKX16	CLX16-CXXL16
20	3/4	CLKX20	CLX20
22	7/8	CLKX22	CLX22
26	1	CLKX26	CLX26



CKSLX

LOCKING SYSTEM KIT FOR SELF LOCKING HOOKS

Chain mm	inch	Code	Reference accessory
6	1/4	CKSLX 06	CRFX 06-CROX 06-CRGX 06
7-8	9/32-5/16	CKSLX 08	CRFX 07-CRFX 08-CROX 08-CRGX 08
10	3/8	CKSLX 10	CRFX 10-CROX 10- CRGX 10
13	1/2	CKSLX 13	CRFX 13-CROX 13-CRGX 13
16	5/8	CKSLX 16	CRFX 16-CROX 16-CRGX 16
20	3/4	CKSLX 20	CRFX 20-CROX 20
22	7/8	CKSLX 22	CRFX 22-CROX 22

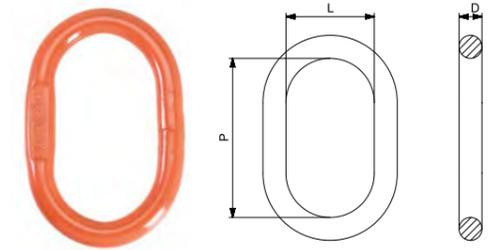


CARTEC 100

CMX

OBLONG MASTERLINK

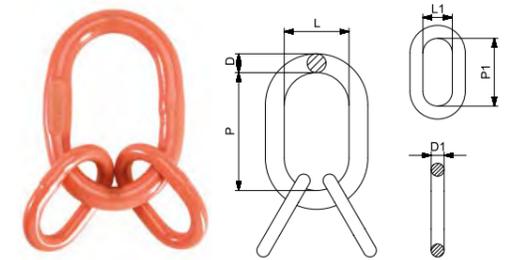
Chain	Chain	Code	Size according to DIN 5688-86			Weight	W.L.L.	W.L.L.
∅ mm	∅ mm		D mm	P mm	L mm	Kg	∅ 0°/Kg	∅ 45°/Kg
7	6	CMX 0706	13	110	60	0,34	1900	2000
8	7	CMX 0807	16	110	60	0,53	2500	2650
10	8	CMX 1008	18	135	75	0,8	4000	3550
13	10	CMX 1310	22	160	90	1,6	6700	5600
16	13	CMX 1613	26	180	100	2,46	10000	9500
18	16	CMX 1816	32	200	110	4,14	12500	14000
20	18	CMX 2018	36	260	140	6,22	16000	17500
22	20	CMX 2220	40	300	160	8,95	19000	22400
26	22	CMX 2622	45	340	180	12,82	26500	26500
32	26	CMX 3226	51	350	190	16,55	40000	37100
36	32	CMX 3632	57	400	200	20	50000	56000



CMCX

SUB-ASSEMBLY

Chain	Code	Size according to DIN 5688-86						Weight	W.L.L.	W.L.L.
∅ mm		D mm	P mm	L mm	D1 mm	P1 mm	L1 mm	Kg	∅ 0°-45°/Kg	∅ 45°-60°/Kg
6-7	CMCX 0607	18	135	75	13	54	25	1,31	3000	2120
8	CMCX 08	22	160	90	16	70	34	2,32	5300	3750
10	CMCX 10	26	180	100	18	85	40	3,52	8400	6000
13	CMCX 13	32	200	110	22	115	50	6,26	14000	10000
16	CMCX 16	36	260	140	26	140	65	9,56	21200	15000
20	CMCX 20	50	350	190	32	150	70	22,65	33600	24000
22	CMCX 22	50	350	190	36	170	75	25,19	40000	28000
26	CMCX 26	57	400	200	40	170	80	36,01	55650	39750
32	CMCX 32	71	460	250	50	200	100	45	85000	60000



TIX

IDENTIFICATION TAG

Tag 1 leg	Tag 2/3/4 legs	Only ring
TIX 01	TIX 02	ATX 00

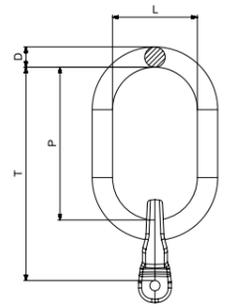


CARTEC 100

CPX1

MASTER LINK WITH CLEVIS ATTACHMENT

Chain ∅ mm	Code	Size according to EN 1677-4				Weight		W.L.L. Kg
		∅ D mm	P mm	L mm	T mm	Kg		
6	CPX106	13	110	60	140	0,58		1400
7	CPX107	16	110	60	151	0,88		1900
8	CPX108	16	110	60	151	0,88		2500
10	CPX110	18	135	75	185	1,35		4000
13	CPX113	22	160	90	223	2,4		6700
16	CPX116	26	180	100	257	4		10000

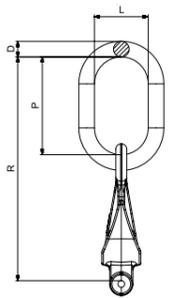


CARTEC 100

CDFXA1

MASTERLINK WITH EYE-CLEVIS SHORTENING HOOK

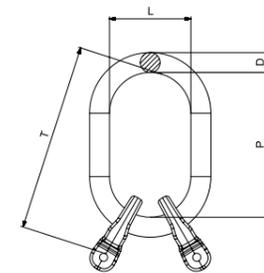
Chain mm	Code	D mm	L mm	P mm	R mm	Weight		W.L.L. Kg
						Kg		
6	CDFXA106	13	60	110	195	0,6		1400
7	CDFXA107	13	60	110	232	1		1900
8	CDFXA108	16	60	110	232	1,2		2500
10	CDFXA110	18	75	135	295	2		4000
13	CDFXA113	22	90	160	364	4,3		6700
16	CDFXA116	26	100	180	412	7,3		10000



CPX2

MASTER LINK WITH CLEVIS ATTACHMENTS

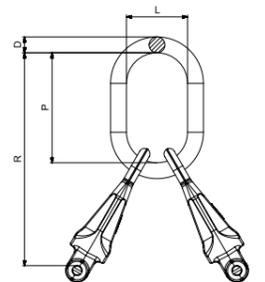
Chain ∅ mm	Code	Size according to EN 1677-4				Weight		W.L.L.	
		∅ D mm	P mm	L mm	T mm	Kg	0°-45°/Kg	45°-60°/Kg	
6	CPX206	13	110	60	140	0,7	2000	1400	
7	CPX207	18	135	75	176	1,4	2650	1900	
8	CPX208	18	135	75	176	1,4	3550	2500	
10	CPX210	22	160	90	210	2,45	5600	4000	
13	CPX213	26	180	100	243	4,2	9500	6700	
16	CPX216	32	200	110	277	7,05	14000	10000	



CDFXA2

MASTERLINK WITH EYE-CLEVIS SHORTENING HOOKS

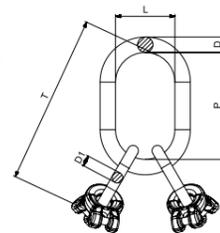
Chain mm	Code	D mm	L mm	P mm	R mm	Weight		W.L.L. Kg
						0°-45°/Kg	45°-60°/Kg	
6	CDFXA206	13	60	110	195	0,95	2000	1400
7	CDFXA207	16	60	110	230	1,8	2650	1900
8	CDFXA208	18	75	135	255	2,2	3550	2500
10	CDFXA210	22	90	160	320	4	5600	4000
13	CDFXA213	26	100	180	382	7,7	9500	6700
16	CDFXA216	32	110	200	430	13,5	14000	10000



CPX4

MASTER LINK WITH CLEVIS ATTACHMENTS

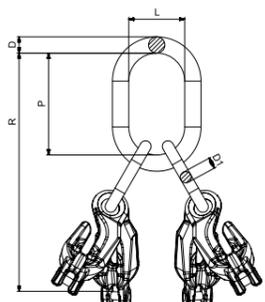
Chain ∅ mm	Code	Size according to EN 1677-4					Weight		W.L.L.	
		∅ D mm	P mm	L mm	∅ D1 mm	T mm	Kg	0°-45°/Kg	45°-60°/Kg	
6	CPX406	18	135	75	13	219	1,65	3000	2120	
7	CPX407	22	160	90	16	271	3,2	4000	2800	
8	CPX408	22	160	90	16	271	3,2	5300	3750	
10	CPX410	26	180	100	18	315	5,3	8000	6000	
13	CPX413	32	200	110	22	378	9,4	14000	10000	
16	CPX416	36	260	140	26	477	16,3	21200	15000	



CDFXA4

MASTERLINK WITH EYE-CLEVIS SHORTENING HOOKS

Chain mm	Code	D mm	L mm	P mm	D1 mm	R mm	Weight		W.L.L. Kg
							0°-45°/Kg	45°-60°/Kg	
6	CDFXA406	18	75	135	13	270	2,5	3000	2120
7	CDFXA407	22	90	160	16	350	4,7	4000	2800
8	CDFXA408	22	90	160	16	350	4,7	5300	3750
10	CDFXA410	26	100	180	18	425	8,6	8000	6000
13	CDFXA413	32	110	200	22	520	17	14000	10000
16	CDFXA416	36	140	260	26	635	29	21200	15000



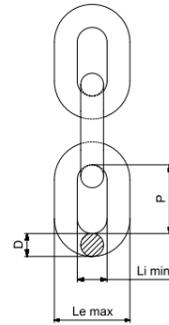
CARTEC 100

C8182X

CHAIN ACCORDING TO EN 818-2



Chain mm inch	Code	P mm	Tolerance mm	Li min mm	Le max mm	Weight Kg/m	W.L.L. Kg	M.P.F. KN	B.F. KN	f min mm
6	1/4 C8182X 06	18	± 0,5	7,8	22,2	0,9	1400	35,3	56,5	4,8
7	9/32 C8182X 07	21	± 0,6	9,1	25,9	1,2	1900	48,1	77	5,6
8	5/16 C8182X 08	24	± 0,7	10,4	29,6	1,6	2500	62,8	101	6,4
10	3/8 C8182X 10	30	± 0,9	13	37	2,5	4000	98,2	157	8
13	1/2 C8182X 13	39	± 1,2	16,9	48,1	4,2	6700	166	265	10
16	5/8 C8182X 16	48	± 1,4	20,8	59,2	6,2	10000	251	402	13
20	3/4 C8182X 20	60	± 1,8	26	74	10	16000	393	628	16
22	7/8 C8182X 22	66	± 2,0	28,6	81,4	11,9	19000	475	760	18
26	1 C8182X 26	78	± 2,3	33,8	96,2	16,3	26500	664	1060	21
32	1 1/4 C8182X 32	96	± 2,9	41,6	118	24,3	40000	981	1570	26



f= bend deflection

Safety factor 4:1

Working load limit of slings - W.L.L. according to norm EN 818-4

Chain	Single leg		2 legs		3-4 legs		Choked endless slings		Basket slings		
	1	0,8	1,4 0° < β ≤ 45°	1 45° < β ≤ 60°	1,12 0° < β ≤ 45°	0,8 45° < β ≤ 60°	2,1 0° < β ≤ 45°	1,5 45° < β ≤ 60°	1,6	1,4 0° < β ≤ 45°	2,1 0° < β ≤ 45°
mm	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg
6	1400	1120	2000	1400	1600	1120	3000	2120	2240	2000	3000
7	1900	1500	2650	1900	2120	1500	4000	2800	3000	2650	4000
8	2500	2000	3550	2500	2800	2000	5300	3750	4000	3550	5300
10	4000	3150	5600	4000	4250	3150	8400	6000	6300	5600	8000
13	6700	5300	9500	6700	7500	5300	14000	10000	10600	9500	14000
16	10000	8000	14000	10000	11200	8000	21200	15000	16000	14000	21200
20	16000	12800	22400	16000	17920	12800	33600	24000	25600	22400	33600
22	19000	15000	26500	19000	21200	15000	40000	28000	30000	26500	40000
26	26500	21200	37100	26500	29680	21200	55650	39750	42400	37100	55650
32	40000	31500	56000	40000	44800	31500	85000	60000	64000	56000	85000

Use of the chain on edge



R ≥ than double chain-diameter



R ≥ than the chain-diameter

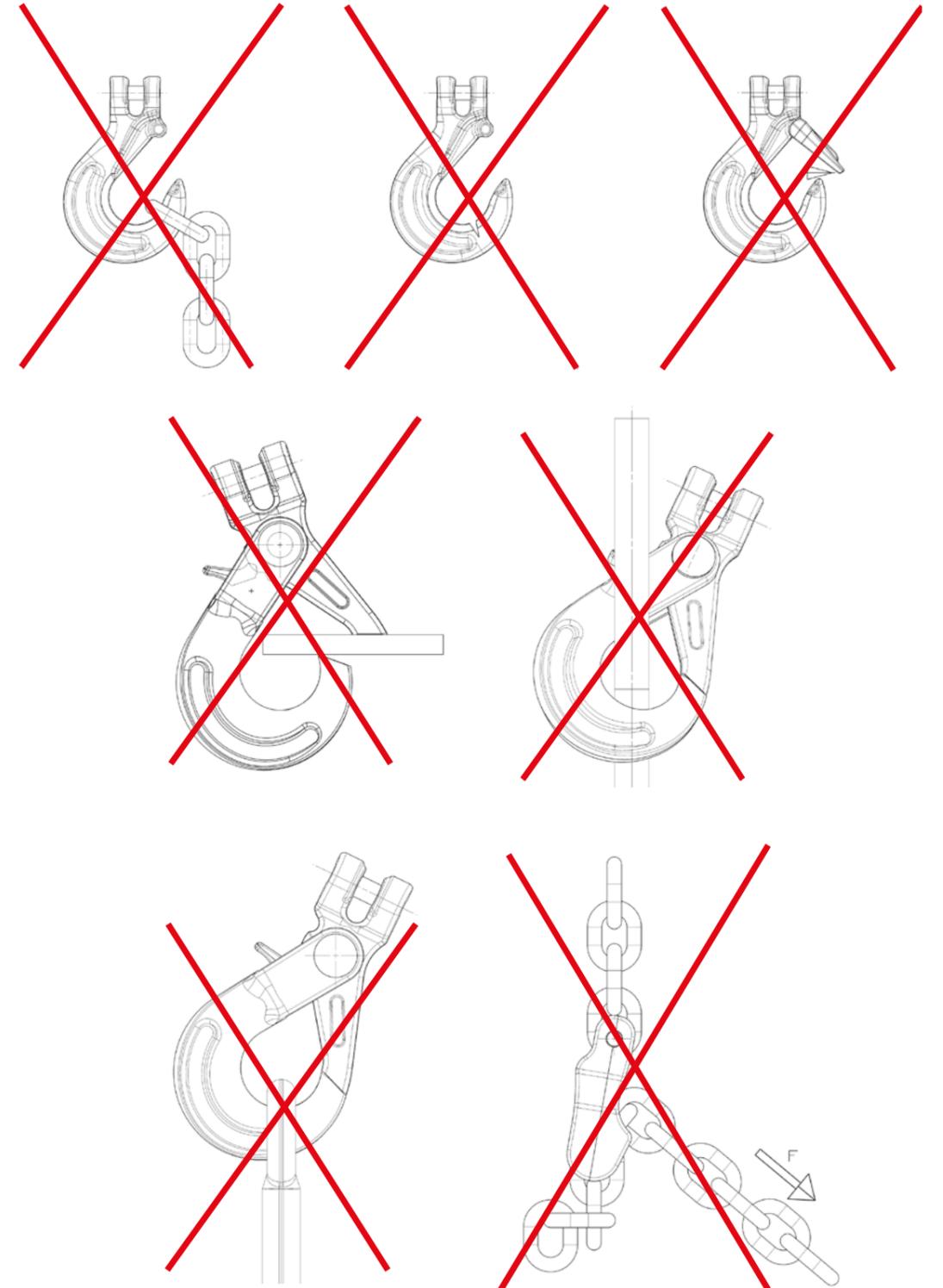


Sharp edge

Reduction factor	1	0,7	0,5
Impulsive load	Light impulse	Medium impulse	Strong impulse
Reduction factor	1	0,7	Not allowed

CARTEC 100

INCORRECT USE



Complete instructions for use, inspection and maintenance are supplied with every single product and are available online on the web site www.carcano.it



CARTEC 80 LIFTING ACCESSORIES

A vast range of grade 80 accessories for the handling of loads in safety: a proposal in continuous evolution, designed, manufactured

and tested by CARCANO.

A wide range of Grade 80 accessories for safe load handling: a constantly evolving proposal designed, manufactured and tested by CARCANO S.P.A.

The experience gained over the years in the lifting sector has enabled CARCANO S.P.A. to be the first company nationwide to be able to boast the accreditation of the German '92' body.

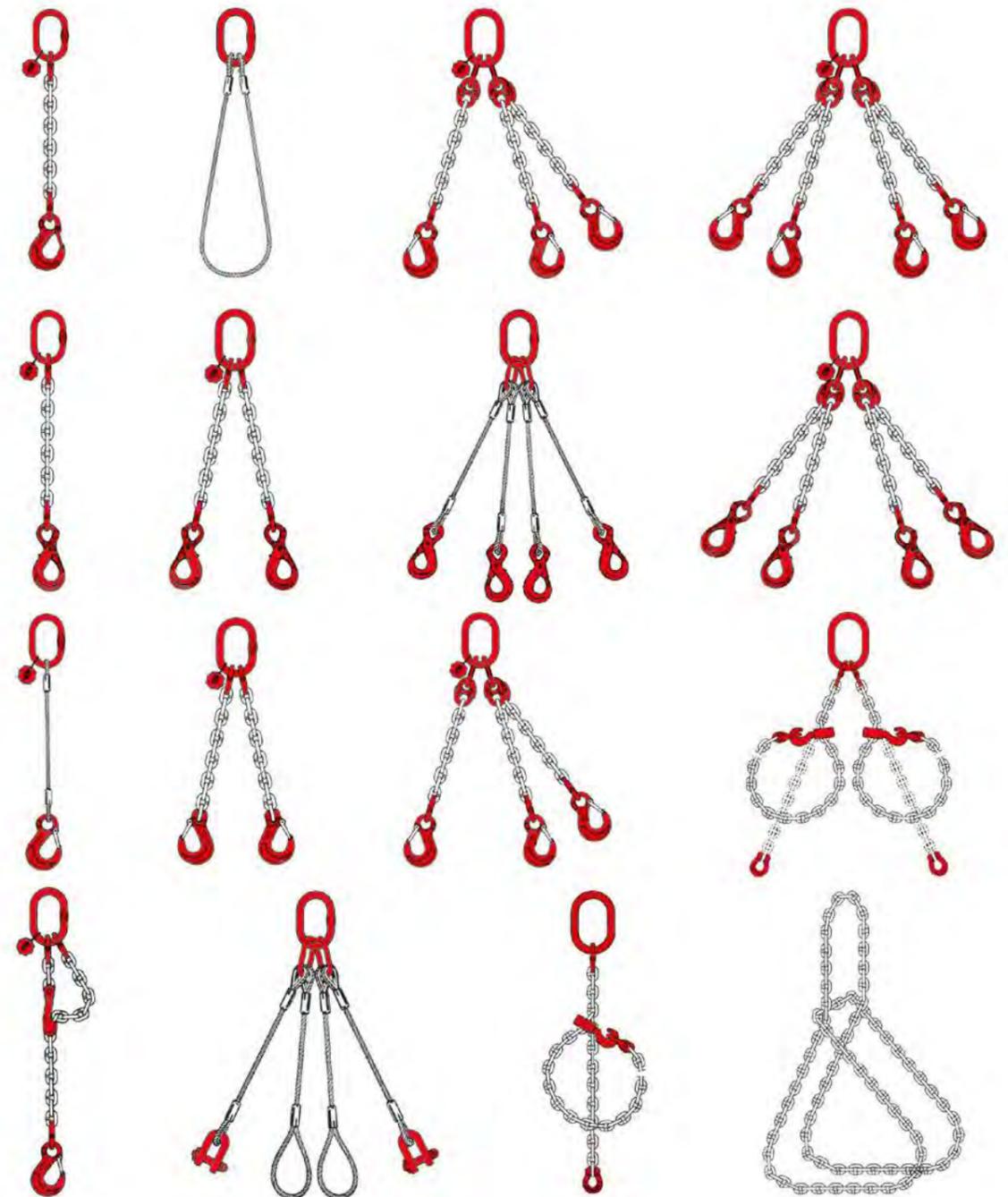
Like the grade 100 line, the complete line of grade 80 accessories for chain and rope harnesses is also manufactured in the CARCANO S.P.A. plants. Continuous monitoring and testing by quality control personnel guarantees a consistently high level of quality. The accessories are also accompanied by a regular certificate of conformity drawn up in accordance with the requirements of the relevant standards. The catalogue contains the necessary technical information for a correct choice of the most suitable product for the desired application; our sales and technical departments are however at your complete disposal for any consultation and/or clarification.

Load reduction factors

Variation in % of the safe working load in respect to the increase of temperature.

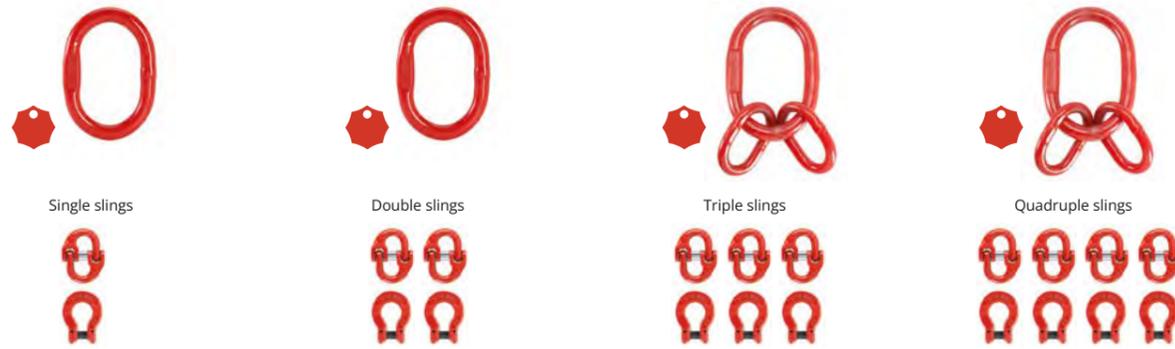
0	-40 ≤ T < 200° C
-10%	200 ≤ T < 300° C
-25%	300 ≤ T < 400° C

EXAMPLES OF USE OF ACCESSORIES FOR THE CONSTRUCTION OF LIFTING SLINGS



ASSEMBLY CAPABILITY BETWEEN THE COMPONENTS OF SLING

1 - SLINGS

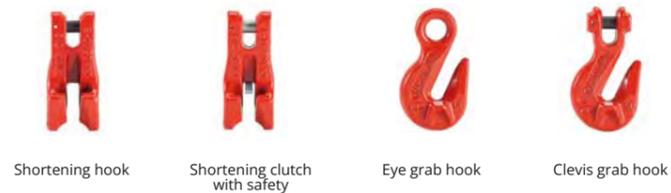


2 - CHAIN



3 - OPTIONAL ACCESSORIES

Shortening hooks



4 - ACCESSORIES



CONNECTION BETWEEN THE COMPONENTS OF SLINGS

Ø Chain (mm)	Single slings	Single slings	Triple or quadruple slings	Connecting link	Connecting link		
6	CM 0706	CN 0807	CM 0706	CN 0807	CMC 06	CL 06	-
7	CM 0706	CN 0807	CM 0807	CN 0807	CMC 07	CL 07	CZ 08
8	CM 0807	CN 0807	CM 1008	CN 1008	CMC 08	CL 08	CZ 08
10	CM 1008	CN 1008	CM 1310	CN 1310	CMC 10	CL 10	CZ 10
13	CM 1310	CN 1310	CM 1613	CN 1613	CMC 13	CL 13	CZ 13
16	CM 1613	CN 1613	CM 1816	CN 2016	CMC 16	CL 16	CZ 16
20	CM 2018	CN 2016	CM 2220	CN 2220	CMC 20	CL 20	-
22	CM 2220	CN 2220	CM 2622	CN 2622	CMC 22	CL 22	-
26	CM 2622	CN 2622	CM 3226	CN 3226	CMC 26	CL 26	-
32	CM 3226	CN 3226	CM 3632	CN 3632	CMC 32	CL 32	-

Ø Chain (mm)	Connecting link	Shortening hook	Shortening clutch with safety	Eye grab hook	Clevis grab hook
6	CPA 06	CX 06	CX 06S	CD 06	CF 06
7	-	CX 07	CX 07S	CD 08	CF 08
8	CPA 08	CX 08	CX 08S	CD 08	CF 08
10	CPA 10	CX 10	CX 10S	CD 10	CF 10
13	CPA 13	CX 13	CX 13S	CD 13	CF 13
16	CPA 16	CX 16	CX 16S	CD 16	CF 16
20	-	-	-	CD 20	CF 20
22	-	CDX 22	CFX 22	CD 22	CF 22
26	-	CDX 26	-	CD 26	CF 26
32	-	CDX 32	-	-	-

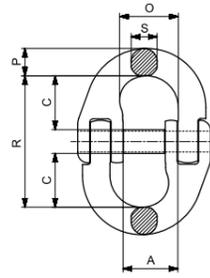
Ø Chain (mm)	Eye sling hook with latch	Swivel self locking hook	Self locking eye hook	Foundry hook	Clevis sling hook with latch
6	CA 06	CRG 06	CRO 06	CY 06	CB 06
7	CA 08	CRG 08	CRO 08	CY 08	CB 08
8	CA 08	CRG 08	CRO 08	CY 08	CB 08
10	CA 10	CRG 10	CRO 10	CY 10	CB 10
13	CA 13	CRG 13	CRO 13	CY 13	CB 13
16	CA 16	CRG 16	CRO 16	CY 16	CB 16
20	CA 20	-	CRO 20	CY 20	CB 20
22	CA 22	CDX 22	CRO 22	CY 22	CB 22
26	CA 26	CDX 26	-	CY 26	CB 26
32	CA 32	CDX 32	-	CY 32	-

Ø Chain (mm)	Self locking clevis hook	Clevis C hook	Foundry clevis hook	Choker hook	Webbing coupling link
6	CRF 06	-	CYF 06	-	-
7	CRF 08	CT 08	CYF 07	CS 08	CLS 08
8	CRF 08	CT 08	CYF 08	CS 08	-
10	CRF 10	CT 10	CYF 12	CS 10	CLS 10
13	CRF 13	CT 13	CYF 13	CS 13	CLS 13
16	CRF 16	-	CYF 16	-	CLS 16
20	CRF 20	CDX 20	-	CAX 20	CLS 20
22	CRF 22	CDX 22	CFX 22	CAX 22	CLS 22
26	-	CDX 26	-	CAX 26	-
32	-	CDX 32	-	CAX 32	-

CARTEC 80

CL CONNECTING LINK

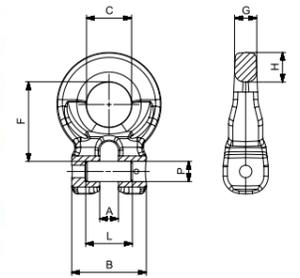
Chain mm inch	Code	A mm	C mm	O mm	R mm	P Kg/m	S Kg/m	Weight Kg	W.L.L. Kg
6	1/4 CL 06	16	18	16,5	43	7,2	6,8	0,07	1120
7	9/32 CL 07	17,8	20	20,5	50,5	10,2	9	0,1	1500
8	5/16 CL 08	19	25,5	23,5	62	11,5	10	0,25	2000
10	3/8 CL 10	23,8	30	27,5	72	12,5	12,6	0,35	3150
13	1/2 CL 13	28	36	33,3	87,3	19	16,7	0,68	5300
16	5/8 CL 16	34,3	40,5	39,5	103	20,5	20,6	1,1	8000
20	3/4 CL 20	44	48	47	116	23	23	1,7	12500
22	7/8 CL 22	49	51	55	133	26,5	26,5	2,2	15000
26	1 CL 26	60	60	66	148	31,5	31,5	4,2	21200
32	1 1/4 CL 32	80	77	86	190	40	32	7,19	31500



CARTEC 80

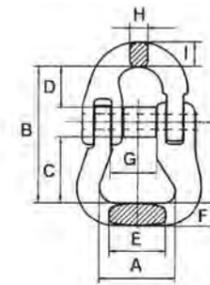
CPA CLEVIS ATTACHMENTS

Chain mm inch	Code	A mm	B mm	C mm	F mm	G mm	H mm	PxL mm	Weight Kg	W.L.L. Kg
6	1/4 CPA 06	7,5	32	18	32	9,8	11	7,5x21	0,15	1120
8	5/16 CPA 08	9,5	40	24	42,5	12	15	9x26	0,28	2000
10	3/8 CPA 10	12	48	30	51,5	15,7	18	13x31,5	0,5	3150
13	1/2 CPA 13	15,5	54	36	63,5	19	21,5	16x42	0,9	5300
16	5/8 CPA 16	18	70	47	79,5	22,7	27,5	21x51,5	1,8	8000



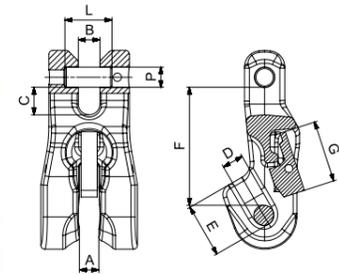
CLS WEBBING COUPLING LINK

Chain mm inch	Code	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	Weight Kg	W.L.L. Kg
7-8	9/32-5/16 CLS 08	40	58	24	20	24	14	17	9	10	0,28	2000
10	3/8 CLS 10	40	81	35	30	30	14	23	11	13	0,47	3150
13	1/2 CLS 13	55	104	48	36	36	18	28	16	16	0,99	5300
16	5/8 CLS 16	67	115	57	40	44	24	36	21	21	2	8000
20	3/4 CLS 20	82	134	65	50	52	29	40	23	23	2,3	12500
22	7/8 CLS 22	125	177	100	59	68	39	43	27	27	6,3	15000



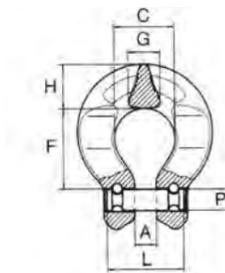
CX SHORTENING CLUTCH

Chain mm inch	Code	A mm	B mm	C mm	D mm	E mm	F mm	PxL mm	Weight Kg	W.L.L. Kg
6	1/4 CX 06	8	7,5	10	8	19	45	7,5x17,5	0,21	1120
7	9/32 CX 07	9,5	10	10	9,5	23,5	56	9x22,5	0,48	1500
8	5/16 CX 08	9,5	10	10	9,5	23,5	56	10x22,5	0,48	2000
10	3/8 CX 10	12	12	14,5	12	32,5	78	13x31,5	1,12	3150
13	1/2 CX 13	15,5	15,5	18	15,5	44	90	16x42	1,83	5300
16	5/8 CX 16	19	21	21	19	50	106	21x51,5	2,83	8000



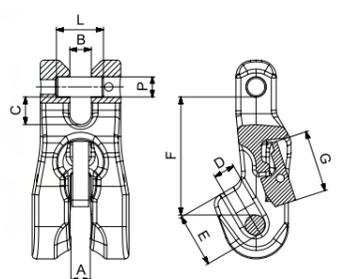
CZ OMEGA SHACKLE

Chain mm inch	Code	A mm	C mm	F mm	G mm	H mm	PxL mm	Weight Kg	W.L.L. Kg
7-8	9/32-5/16 CZ 08	8,7	24	32	11	18	9,5x33,5	0,18	2000
10	3/8 CZ 10	12,5	32	44	14	19	13x43,5	0,35	3150
13	1/2 CZ 13	15	40	55	17	25	17x57	0,72	5300
16	5/8 CZ 16	19	50	65	22	30	21x69	1,2	8000



CXS SHORTENING CLUTCH WITH SAFETY

Chain mm inch	Code	A mm	B mm	C mm	D mm	E mm	F mm	G mm	PxL mm	Weight Kg	W.L.L. Kg
6	1/4 CXS 06S	8	7,5	10	8	19	45	23	7,5x17,5	0,21	1120
7	9/32 CXS 07S	9,5	10	10	9,5	23,5	56	29	9x22,5	0,48	1500
8	5/16 CXS 08S	9,5	10	10	9,5	23,5	56	29	10x22,5	0,48	2000
10	3/8 CXS 10S	12	12	14,5	12	32,5	78	36	13x31,5	1,12	3150
13	1/2 CXS 13S	15,5	15,5	18	15,5	44	90	35	16x42	1,83	5300
16	5/8 CXS 16S	19	21	21	19	50	106	38	21x51,5	2,83	8000

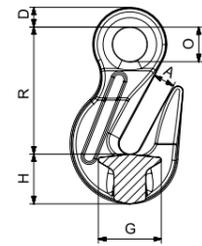


CARTEC 80

CD EYE GRAB HOOK



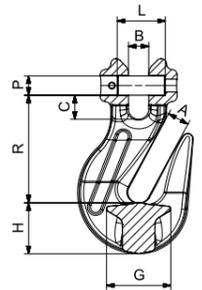
Chain mm inch	Code	A mm	D mm	G mm	H mm	O mm	R mm	Weight Kg	W.L.L. Kg
6 1/4	CD 06	8	8,5	22	22	13,5	53,5	0,18	1120
7-8 9/32-5/16	CD 08	10	10	30	24	16	60	0,23	2000
10 3/8	CD 10	13	11	44	31	21	80	0,59	3150
13 1/2	CD 13	17	16	53	38	26	104	1,24	5300
16 5/8	CD 16	20	19	64	60	30	129	2,6	8000
20 3/4	CD 20	23	22	85	65	36	153	4,2	12500
22 7/8	CD 22	26	30	87	71	42	184	5,35	15000
26 1	CD 26	30,5	36	100	90	55	213	13	21200
32 1 1/4	CD 32	38,5	44	160	112	60	245	30,5	31500



CF CLEVIS GRAB HOOK



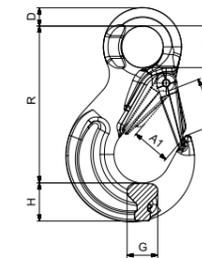
Chain mm inch	Code	A mm	B mm	C mm	G mm	H mm	R mm	PxL mm	Weight Kg	W.L.L. Kg
6 1/4	CF 06	8	8	8,8	22	22	51,5	7,5x17,5	0,2	1120
7-8 9/32-5/16	CF 08	10	9	10	30	24	50	9x22,5	0,27	2000
10 3/8	CF 10	13	13	14	44	31	72	13x31,5	0,75	3150
13 1/2	CF 13	17	17	17	53	38	88	16x42	1,35	5300
16 5/8	CF 16	20	21	20	64	60	111	21x51,5	2,8	8000
20 3/4	CF 20	24	24	24	85	65	130	24x61,5	4,8	12500
22 7/8	CF 22	26	26	26	87	68	139	26x72	5,65	15000
26 1	CF 26	30,5	30	35	100	90	190,5	30x80	13,5	21200



CA SLING HOOK WITH LATCH - these hooks are available also with plate latch from size CA 06 up to CA 13



Chain mm inch	Code	A mm	A1 mm	D mm	G mm	H mm	O mm	R mm	Weight Kg	W.L.L. Kg
6 1/4	CA 06	25	20,5	8,5	14,5	20	20,5	80,5	0,27	1120
7-8 9/32-5/16	CA 08	29,5	24,5	11	19	27	25	95,5	0,5	2000
10 3/8	CA 10	35,7	29	14	23,5	33	34	120,5	0,9	3150
13 1/2	CA 13	43,5	35,4	17,5	29	40	42,5	150	1,5	5300
16 5/8	CA 16	52,5	44	22	35,5	49	52	183	2,75	8000
20 3/4	CA 20	60	52	27	48	53	55	203	4,5	12500
22 7/8	CA 22	70	62	30	51,5	60	60	224	7,1	15000
26 1	CA 26	77	73	35	60	75	70	237	13,8	21200
32 1 1/4	CA 32	102	94	42	73	91	84	335	27,74	31500

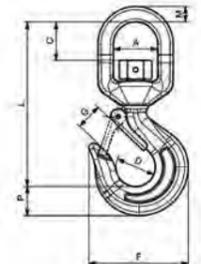


CARTEC 80

C7G SWIVEL HOOK WITH LATCH



Chain mm inch	Code	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	L mm	M mm	P mm	Weight Kg	W.L.L. t
6 1/4	C7G0125	38	10,5	37	33	40	82	21	17	137	13	22	0,78	1,25
7 9/32	C7G016	38	10,5	35	35	40	87	24	19	144	13	23,5	0,94	1,6
8 5/16	C7G025	47	13	43	38	49	98	25,5	24	171	16,5	28	1,58	2,5
10 3/8	C7G032	47	13	41	42	49	109	28,5	26	176	16,5	31	1,9	3,2
13 1/2	C7G054	58	15,5	52	51	61	134	36,5	31,5	214	20	38,5	3,65	5,4
16 5/8	C7G08	71	17,5	68	63	72	168	45,5	39	268	26	50,5	5,87	8
19 3/4	C7G115	81	22	70	76	83	202	55,5	45	311	29	61	9,75	11,5

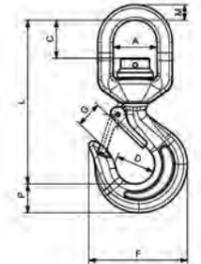


NEW

C7GC SWIVEL HOOK WITH BEARING WITH LATCH



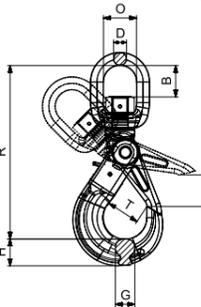
Chain mm inch	Code	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	L mm	M mm	P mm	Weight Kg	W.L.L. t
6 1/4	C7GC0125	38	10,5	34	33	40	82	21	17	137	13	22	0,78	1,25
7 9/32	C7GC016	38	10,5	32,5	35	40	87	24	19	144	13	23,5	0,94	1,6
8 5/16	C7GC025	47	13	41	38	49	98	25,5	24	170	16,5	28	1,58	2,5
10 3/8	C7GC032	47	13	40	42	49	109	28,5	26	176	16,5	31	1,9	3,2
13 1/2	C7GC054	58	15,5	51	51	61	134	36,5	31,5	214	20	38,5	3,65	5,4
16 5/8	C7GC08	71	17,5	65	63	72	168	45,5	39	268	26	50,5	5,87	8
19 3/4	C7GC115	81	22	68	76	83	202	55,5	45	314	29	61	9,75	11,5



CRG SWIVEL SELF LOCKING HOOK



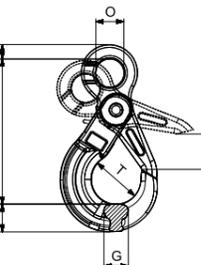
Chain mm inch	Code	R mm	A mm	B mm	O mm	D mm	G mm	H mm	T mm	Weight Kg	W.L.L. Kg
6 1/4	CRG 06	160	28	27	37	13	15	20	35	0,6	1120
7-8 9/32-5/16	CRG 08	185	34	27	37	13	19	24	43	1,1	2000
10 3/8	CRG 10	217	45	35	46	16	23	30	56	2	3150
13 1/2	CRG 13	271	54	45	48	21	27	40	69	4	5300
16 5/8	CRG 16	334	62	58	62	22	37	49	80	6,8	8000



CRO SELF LOCKING EYE HOOK



Chain mm inch	Code	A mm	D mm	G mm	H mm	O mm	R mm	T mm	Weight Kg	W.L.L. Kg
6 1/4	CRO 06	28	11	16	21	21	109	35	0,51	1120
7-8 9/32-5/16	CRO 08	34	12	20	26	27	135	43	0,936	2000
10 3/8	CRO 10	45	16	25	30	34	168	56	1,626	3150
13 1/2	CRO 13	51	20	35	40	40	205	69	3,25	5300
16 5/8	CRO 16	60	27	36	50	50	251	80	6,05	8000
20 3/4	CRO 20	70	30	60	67	60	290	90	10,5	12500
22 7/8	CRO 22	80	32	62	70	70	322	100	14,4	15000

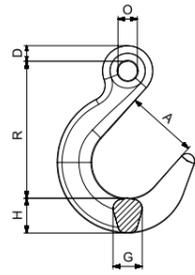


CARTEC 80

CY FOUNDRY HOOK



Chain mm inch	Code	A mm	D mm	G mm	H mm	O mm	R mm	Weight Kg	W.L.L. Kg
6 1/4	CY 06	53,5	11,5	22	26	15	102,5	0,61	1120
7-8 9/32-5/16	CY 08	62	13,5	25	29	24	128	0,92	2000
10 3/8	CY 10	76	14	23	30	32	150	1,77	3150
13 1/2	CY 13	89	19	38	40	27	173	2,82	5300
16 5/8	CY 16	102	24	45	48	47	210	5,03	8000
20 3/4	CY 20	114	28	54	60	56	260	7,6	12500
22 7/8	CY 22	127	32	63	70	55	275	12,3	15000
26 1	CY 26	136	35	72	80	62	305	17,9	21200
32 1 1/4	CY 32	153	38	84	95	70	330	27,3	31500

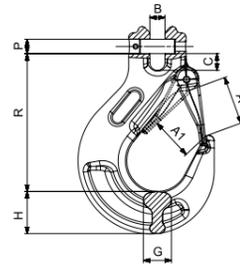


CB

CLEVIS SLING HOOK WITH LATCH - these hooks are available also with plate latch from size CB 06 up to CB 13



Chain mm inch	Code	A mm	A1 mm	B mm	C mm	G mm	H mm	P mm	R mm	Weight Kg	W.L.L. Kg
6 1/4	CB 06	25	19	6,7	8,5	14,5	20	7	73	0,24	1120
7-8 9/32-5/16	CB 08	29,5	24,5	8,7	9,8	19	27	9	86,3	0,53	2000
10 3/8	CB 10	35,7	29	12,2	13,5	23,5	33	13	105	0,95	3150
13 1/2	CB 13	43,5	35	15,3	17	28,5	40	16	128,5	1,67	5300
16 5/8	CB 16	56	45	18	22	37	48	20	155	3	8000
20 3/4	CB 20	61	53	23	26	51	52	24	183	5,7	12500
22 7/8	CB 22	72	62	24,5	29	50	62	27	213	8,8	15000
26 1	CB 26	77	73	30	34	60	75	30	230	13,5	21200

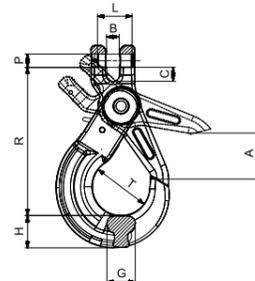


CRF

SELF LOCKING CLEVIS HOOK



Chain mm inch	Code	A mm	B mm	C mm	G mm	H mm	R mm	T mm	PxL mm	Weight Kg	W.L.L. Kg
6 1/4	CRF 06	28	7	8	16	21	94	35	7,5x17,5	0,49	1120
7-8 9/32-5/16	CRF 08	34	9	10	20	26	123	43	9x22,5	0,93	2000
10 3/8	CRF 10	45	12	14	25	30	143	56	13x31,5	1,58	3150
13 1/2	CRF 13	51	15	17	35	40	180	69	16x42	3,2	5300
16 5/8	CRF 16	60	19	19	36	50	215	80	21x51,5	5,95	8000
20 3/4	CRF 20	70	23	26	60	67	253	90	24x73	9,8	12500
22 7/8	CRF 22	80	26	32	62	70	287	100	26x72	14,4	15000

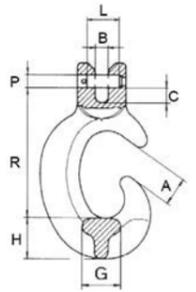


CARTEC 80

CT CLEVIS C HOOK



Chain mm inch	Code	A mm	B mm	C mm	G mm	H mm	R mm	PxL mm	Weight Kg	W.L.L. Kg
7-8 9/32-5/16	CT 08	20	9	11	22	27	90	9x22,5	0,56	2000
10 3/8	CT 10	28	12	14	28	39	129	13x31,5	1,4	3150
13 1/2	CT 13	39	15	17	35	51	166	16x42	3	5300

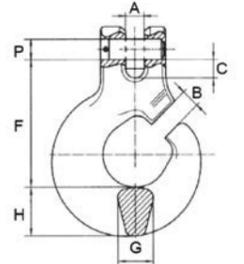


CS

CHOKER HOOK - not to be used for lifting, only for logging



Chain mm inch	Code	A mm	B mm	F mm	P mm	G mm	H mm	Weight Kg	W.L.L. Kg
7-8 9/32-5/16	CS 08	9	9,8	58	9	17	2,5	0,48	2000
10 3/8	CS 10	12,5	12,9	84	13	22	3,3	0,89	3150
13 1/2	CS 13	16,5	16	94	16	24	4	1,5	5300

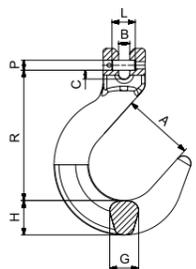


CYF

FOUNDRY CLEVIS HOOK



Chain mm inch	Code	A mm	B mm	C mm	G mm	H mm	R mm	PxL mm	Weight Kg	W.L.L. Kg
6 1/4	CYF 06	53,5	8,5	6,5	22	26	91	7,5x17,5	0,7	1120
7-8 9/32-5/16	CYF 08	64	10	11,5	26	31	120,4	9x22,5	1,1	2000
10 3/8	CYF 10	76	13	15	30	34	131	13x31,5	1,7	3150
13 1/2	CYF 13	89	17	17,5	40	44,5	148	16x42	3,6	5300
16 5/8	CYF 16	101	19	21,5	45	50,5	198,5	21x51,5	5,6	8000



CARTEC 80

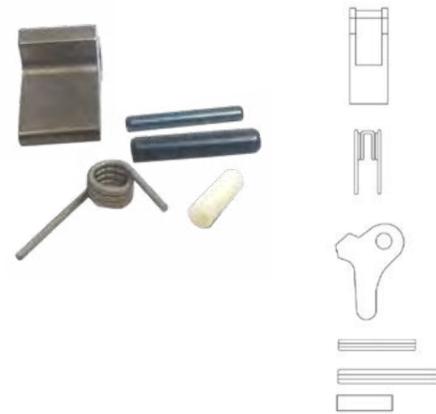
CKS CKL LATCH KIT FOR HOOKS

Chain mm	inch	Code of forged latch	Code of plate latch	Reference accessory
6	1/4	CKS 06	CKL 06	CA 06-CB 06
7-8	9/32-5/16	CKS 08	CKL 08	CA 08-CB 08-CJ 01
10	3/8	CKS 10	CKL 10	CA 10-CB 10-CJ 02-CJ 03
13	1/2	CKS 13	CKL 13	CA 13-CB 13-CJ 04-CJ 05-CJ 06
16	5/8	CKS 16		CA 16
16	5/8	CKS 16B		CB 16
20	3/4	CKS 20B		CA 20-CB 20
22	7/8	CKS 22		CA 22-CB 22-CJ 08-CJ 10
26	1	CKS 26		CA 26-CB 26
32	1 1/4	CKS 32		CA 32



CKSL LOCKING SYSTEM KIT FOR SELF LOCKING HOOKS

Chain mm	inch	Code	Reference accessory
6	1/4	CKSL 06	CRF 06-CRO 06-CRG 06
7-8	9/32-5/16	CKSL 08	CRF 08-CRO 08-CRG 08
10	3/8	CKSL 10	CRF 10-CRO 10-CRG 10
13	1/2	CKSL 13	CRF 13-CRO 13-CRG13
16	5/8	CKSL 16	CRF 16-CRO 16-CRG 16
20	3/4	CKSL 20	CRF 20-CRO 20
22	7/8	CKSL 22	CRF 22-CRO 22



CKP KIT OF PIN FOR CLEVIS HOOKS

Chain mm	inch	Code	Reference accessory
6	1/4	CKP 06	CB 06-CRF 06-CX 06-CX 06S
7	9/32	CKP 07S	CX 07S-CX 07
7-8	9/32-5/16	CKP 08	CYF 06 CYF 08-CB 08-CF 08-CRF 08-CS 08-CT 08
8	5/16	CKP 08S	CX 08S-CX 08
10	3/8	CKP 10	CB 10-CF 10-CRF 10-CS 10-CT 10-CX 10-CX 10S
10	3/8	CKP 10F	CYF 10
13	1/2	CKP 13	CB 13-CF 13-CRF 13-CS 13-CT 13-CX 13-CX 13S
13	1/2	CKP 13F	CYF 13
16	5/8	CKP 16	CF 16-CRF 16-CX 16-CX 16S
16	5/8	CKP 16B	CB 16-CYF 16
20	3/4	CKP 20	CF 20
20	3/4	CKP 20B	CB 20-CRF 20
22	7/8	CKP 22	CB 22-CF 22-CRF 22
26	1	CKP 26	CB 26-CF 26



CARTEC 80

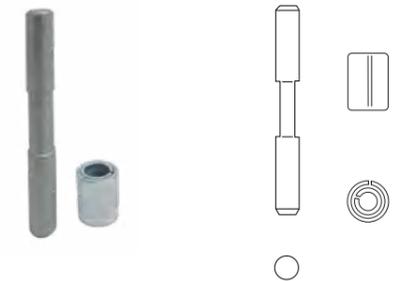
CKX LOCKING SYSTEM KIT FOR SHORTENING CLUTCH

Chain mm	inch	Code	Reference accessory
6	1/4	CKX 06	CX 06S
7	9/32	CKX 07	CX 07S
8	5/16	CKX 08	CX 08S
10	3/8	CKX 10	CX 10S
13	1/2	CKX 13	CX 13S
16	5/8	CKX 16	CX 16S



CLK KIT OF PIN + SPRING FOR CONNECTING LINK

Chain mm	inch	Code	Reference accessory
6	1/4	CLK 06	CL 06
7	9/32	CLK 07	CL 07
8	5/16	CLK 08	CL 08
10	3/8	CLK 10	CL 10
13	1/2	CLK 13	CL 13
16	5/8	CLK 16	CL 16
20	3/5	CLK 20	CL 20
22	7/8	CLK 22	CL 22
26	1	CLK 26	CL 26
32	1 1/4	CLK 32	CL 32



Replacement kits must be assembled only on "CARTEC" accessories for lifting marked. 

TI IDENTIFICATION TAG

Tag 1 leg	Tag 2/3/4 legs	Only ring
TI 01	TI 02	AT 00



CARTEC 80

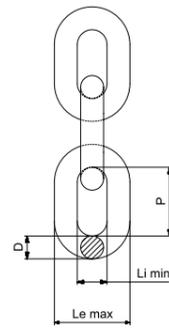
C8182

CHAIN ACCORDING TO EN 818-2

Chain Ømm	Code inch	Toler. mm	P mm	Toler. mm	Li min mm	Le max mm	Weight Kg/m	W.L.L. Kg	M.P.F. KN	B.F. KN	f min mm	
6	1/4	C818206	±0,24	18	±0,5	7,8	22,2	0,8	1120	28,3	45,2	4,8
7	9/32	C818207	±0,28	21	±0,6	9,1	25,9	1,1	1500	38,5	61,6	5,6
8	5/16	C818208	±0,32	24	±0,7	10,4	29,6	1,4	2000	50,3	80,4	6,4
10	3/8	C818210	±0,40	30	±0,9	13	37	2,2	3150	78,5	126	8
13	1/2	C818213	±0,52	39	±1,2	16,9	48,1	3,8	5300	133	212	10
16	5/8	C818216	±0,64	48	±1,4	20,8	59,2	5,7	8000	201	322	13
20	3/4	C818220	±1,00	60	±1,8	26	74	9	12500	314	503	16
22	7/8	C818222	±1,10	66	±2,0	28,6	81,4	10,9	15000	380	608	18
26	1	C818226	±1,30	78	±2,3	33,8	96,2	15,2	21200	531	849	21
32	1 1/4	C818232	±1,60	96	±2,9	41,6	118	23	31500	804	1290	26

f= bend deflection

Safety factor 4:1



Working load limit of slings - W.L.L. according to EN 818-4

Chain	Single leg	2 legs	3-4 legs	Choked endless slings		Basket slings		
Charge factor	1	1,4 0°<β≤ 45°	1 45°<β≤ 60°	2,1 0°<β≤ 45°	1,5 45°<β≤ 60°	1,6	1,4 0°<β≤ 45°	2,1 0°<β≤ 45°
mm	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg
6	1120	1600	1120	2360	1700	1800	1600	2360
7	1500	2120	1500	3150	2240	2500	2120	3150
8	2000	2800	2000	4250	3000	3150	2800	4250
10	3150	4250	3150	6700	4750	5000	4250	6700
13	5300	7500	5300	11200	8000	8500	7500	11200
16	8000	11200	8000	17000	11800	12500	11200	17000
20	12500	17000	12500	26500	19000	20000	17000	26500
22	15000	21200	15000	31500	22400	23600	21200	31500
26	21200	30000	21200	45000	31500	33500	30000	45000
32	31500	45000	31500	67000	47500	50000	45000	67000

Use of the chain on edge



R ≥ than double chain-diameter



R ≥ than the chain-diameter



Sharp edge

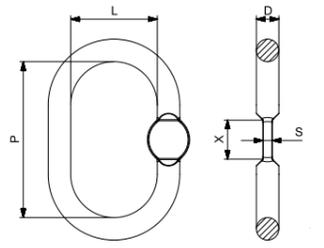
Reduction factor	1	0,7	0,5
Impulsive load	Light impulse	Medium impulse	Strong impulse
Reduction factor	1	0,7	Not allowed

CARTEC 80

CM CMS

OBLONG MASTERLINK

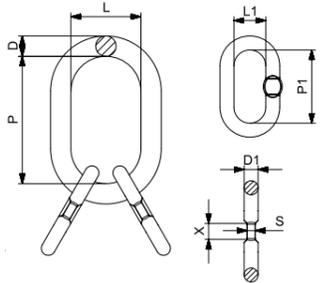
Chain ∅ mm	Code ∅ mm	(with flat)	Size according to EN 1677-4				Weight Kg	W.L.L. 0°/Kg	W.L.L. 0°-45°/Kg	
			D	P	L	SxX				
7	6	CM 0706	CMS 0706	13	110	60	8x25	0,34	1500	1600
8	7	CM 0807	CMS 0807	16	110	60	8x25	0,53	2000	2120
10	8	CM 1008	CMS 1008	18	135	75	8x35	0,91	3150	2800
13	10	CM 1310	CMS 1310	22	160	90	11,5x35	1,6	5300	4250
16	13	CM 1613	CMS 1613	26	180	100	14x46	2,46	8000	7500
18	16	CM 1816	CMS 1816	32	200	110	18x46	4,14	10000	11200
20	18	CM 2018		36	260	140		6,22	12500	14000
22	20	CM 2220		40	300	160		8,95	15000	17000
26	22	CM 2622		45	340	180		12,82	21200	21200
32	26	CM 3226		51	350	190		16,55	31500	30000
36	32	CM 3632		57	400	200		27	40000	45000
40	36	CM 4036		60	430	220		27	50000	56000



CMC CMCS

SUB-ASSEMBLY

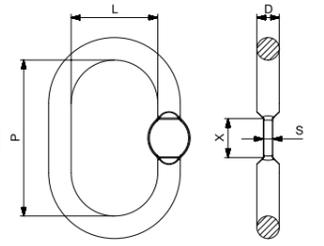
Chain ∅ mm	Code	(with flat)	Size according to EN 1677-4							Weight Kg	W.L.L. 0°-45°/Kg	W.L.L. 45°-60°/Kg
			D	P	L	D1	P1	L1	SxX			
6-7	CMC 0607	CMCS 0607	18	135	75	13	54	25	8x25	1,31	2360	1700
8	CMC 08	CMCS 08	22	160	90	16	70	34	8x25	2,32	4250	3000
10	CMC 10	CMCS 10	26	180	100	18	85	40	11,5x35	3,52	6700	4750
13	CMC 13	CMCS 13	32	200	110	22	115	50	14x35	6,26	11200	8000
16	CMC 16	CMCS 16	36	260	140	26	140	65	18x46	9,56	17000	11800
18	CMC 18		45	340	180	32	150	70		18,92	21200	15000
20	CMC 20		51	350	190	32	150	70		22,65	26500	19000
22	CMC 22		51	350	190	36	170	75		25,19	31500	22400
26	CMC 26		57	400	200	40	170	80		36	45000	31500
32	CMC 32		70	460	250	50	200	100		64,4	67000	47500



CN CNS

SPECIAL OBLONG MASTERLINK

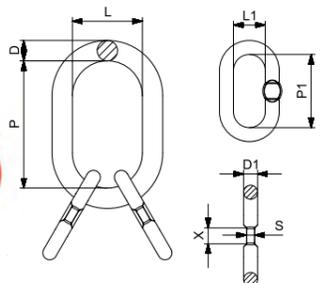
Chain ∅ mm	Code ∅ mm	(with flat)	Size according to EN 1677-4				Weight Kg	W.L.L. Kg	
			D	P	L	SxX			
8	7	CN 0807	CNS 0807	14	120	70	8x25	0,44	2700
10	8	CN 1008	CNS 1008	16	140	80	8x25	0,67	3500
13	10	CN 1310	CNS 1310	20	160	95	11,5x35	1,2	5500
16	13	CN 1613	CNS 1613	27	190	110	14x45	2,65	9400
20	16	CN 2016	CNS 2016	33	230	130	18x45	4,8	14200
22	20	CN 2220		38	275	150		7,55	22300
26	22	CN 2622		45	340	180		12,8	33500
32	26	CN 3226		50	350	190		16,5	40800
36	32	CN 3632		60	400	200		27	56800



CNC CNCS

SPECIAL SUB-ASSEMBLY

Chain ∅ mm	Code	(with flat)	Size according to EN 1677-4							Weight Kg	W.L.L. Kg
			D	P	L	D1	P1	L1	SxX		
7	CNC 07	CNCS 07	20	160	95	14	120	70	8x25	2,9	5500
8	CNC 08	CNCS 08	23	160	110	16	140	80	8x25	3,1	6700
10	CNC 10	CNCS 10	27	190	110	20	160	95	11,5x35	5	9400
13	CNC 13	CNCS 13	33	230	130	27	190	110	14x45	10	14200
16	CNC 16	CNCS 16	38	275	150	33	230	130	18x45	17	22300
20	CNC 20		45	340	180	38	275	150		27,8	33500
22	CNC 22		50	350	190	45	340	180		42,2	40800
26	CNC 26		60	400	200	50	350	190		60	58800

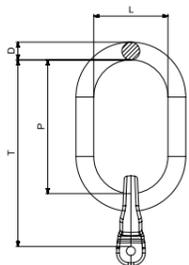


CARTEC 80

CP1

MASTER LINKS WITH CLEVIS ATTACHMENTS - W.L.L. according to EN 818-4/DIN 5688-3

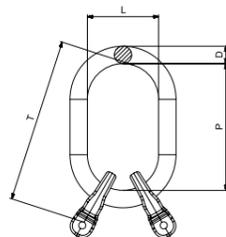
Chain ∅ mm	Code	Size according to EN 1677-4				Weight W.L.L.	
		∅ D mm	P mm	L mm	T mm	Kg	Kg
6	CP106	13	110	60	140	0,58	1120
8	CP108	16	110	60	151	0,88	2000
10	CP110	18	135	75	185	1,35	3150
13	CP113	22	160	90	223	2,4	5300
16	CP116	26	180	100	257	4	8000



CP2

MASTER LINKS WITH CLEVIS ATTACHMENTS - W.L.L. according to EN 818-4/DIN 5688-3

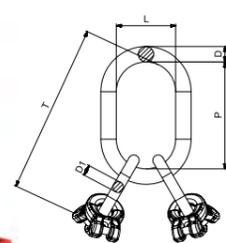
Chain ∅ mm	Code	Size according to EN 1677-4				Weight W.L.L.		W.L.L.
		∅ D mm	P mm	L mm	T mm	Kg	0°-45°/Kg	
6	CP206	13	110	60	140	0,7	1600	1120
8	CP208	18	135	75	176	1,4	2800	2000
10	CP210	22	160	90	210	2,45	4250	3150
13	CP213	26	180	100	243	4,2	7500	5300
16	CP216	32	200	110	277	7,05	11200	8000



CP4

MASTER LINKS WITH CLEVIS ATTACHMENTS - W.L.L. according to EN 818-4/DIN 5688-3

Chain ∅ mm	Code	Size according to EN 1677-4					Weight W.L.L.		W.L.L.
		∅ D mm	P mm	L mm	∅ D1 mm	T mm	Kg	0°-45°/Kg	
6	CP406	18	135	75	13	219	1,65	2360	1700
8	CP408	22	160	90	16	271	3,2	4250	3000
10	CP410	26	180	100	18	315	5,3	6700	4750
13	CP413	32	200	110	22	378	9,4	11200	8000
16	CP416	36	260	140	26	477	16,3	17000	11800

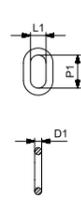
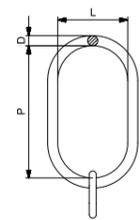
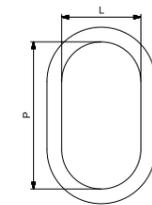


CARTEC 80

CO-CO1

SPECIAL MASTER LINKS FOR CRANE HOOKS DIN 15401 - W.L.L. according to EN 818-4

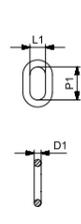
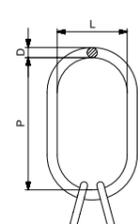
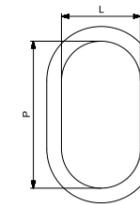
Crane hook	Chain ∅ mm	Code	Size according to EN 1677-4						Weight W.L.L.	
			D mm	D1 mm	P mm	P1 mm	L mm	L1 mm	Kg	Kg
Up to Nr. 8	6	CO8T106	13	-	180	-	100	-	0,6	1120
	8	CO8T108	18	-	180	-	100	-	1,06	2000
	10	CO8T110	20	-	180	-	100	-	1,32	3150
Up to Nr. 16	13	CO8T113	22	-	180	-	100	-	1,62	5300
	6	COC16T106	20	13	260	54	140	25	2,02	1120
	8	COC16T108	20	16	260	70	140	34	2,2	2000
Up to Nr. 25	10	CO16T110	22	-	260	-	140	-	2,21	3150
	13	CO16T113	26	-	260	-	140	-	3,18	5300
	16	CO16T116	30	-	260	-	140	-	4,3	8000
Up to Nr. 25	18	CO16T118	35	-	260	-	140	-	5,97	10000
	6	COC25T106	22	13	340	54	180	25	3,04	1120
	8	COC25T108	22	16	340	70	180	34	3,21	2000
Up to Nr. 25	10	COC25T110	26	18	340	85	180	40	4,58	3150
	13	COC25T113	26	20	340	85	180	40	4,72	5300
	16	COC25T116	30	22	340	115	180	50	6,51	8000
18	COC25T118	40	26	340	140	180	65	11,8	10000	



CO-CO2

SPECIAL MASTER LINKS FOR CRANE HOOKS DIN 15401 - W.L.L. according to EN 818-4

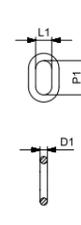
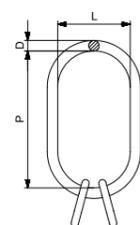
Crane hook	Chain ∅ mm	Code	Size according to EN 1677-4						Weight W.L.L.	
			D mm	D1 mm	P mm	P1 mm	L mm	L1 mm	Kg	Kg
Up to Nr. 8	6	CO8T206	18	13	180	54	100	25	1,43	1600
	8	CO8T208	20	16	180	70	100	34	2,05	2800
	10	CO8T210	22	-	180	-	100	-	1,62	4250
Up to Nr. 16	6	COC16T206	20	13	260	54	140	25	2,2	1600
	8	COC16T208	20	16	260	70	140	34	2,56	2800
	10	COC16T210	26	18	260	85	140	40	4,27	4250
Up to Nr. 25	13	COC16T213	30	20	260	85	140	40	5,68	7500
	16	COC16T216	35	22	260	115	140	50	8,1	11200
	6	COC25T206	22	13	340	54	180	25	3,22	1600
Up to Nr. 25	8	COC25T208	22	16	340	70	180	34	3,58	2800
	10	COC25T210	30	18	340	85	180	40	6,53	4250
	13	COC25T213	35	20	340	85	180	40	8,9	7500
16	COC25T216	40	22	340	115	180	50	12,12	11200	
18	COC25T218	40	26	340	140	180	65	13,63	14000	



CO-CO3

SPECIAL MASTER LINKS FOR CRANE HOOKS DIN 15401 - W.L.L. according to EN 818-4

Crane hook	Chain ∅ mm	Code	Size according to EN 1677-4						Weight W.L.L.	
			D mm	D1 mm	P mm	P1 mm	L mm	L1 mm	Kg	Kg
Up to Nr. 8	6	CO8T306	20	13	180	54	100	25	1,7	2360
	8	CO8T308	22	16	180	70	100	34	2,35	4250
Up to Nr. 16	6	COC16T306	22	13	260	54	140	25	2,61	2360
	8	COC16T308	26	18	260	85	140	40	4,27	4250
	10	COC16T310	30	18	260	85	140	40	5,39	6700
Up to Nr. 25	13	COC16T313	35	22	260	115	140	50	8,1	11200
	6	COC25T306	22	13	340	54	180	25	3,22	2360
	8	COC25T308	30	18	340	85	180	40	6,53	4250
Up to Nr. 25	10	COC25T310	30	18	340	85	180	40	6,53	6700
	13	COC25T313	40	22	340	115	180	50	12,12	11200
	16	COC25T316	40	26	340	140	180	65	13,63	17000





CARTEC 60 LIFTING ACCESSORIES

A series of grade 60 stainless steel products for safe handling also in shipping environments, food industry companies or wherever the use of

stainless steel is required: these go to complete the CARTEC brand of accessories on offer for every sectoral application.

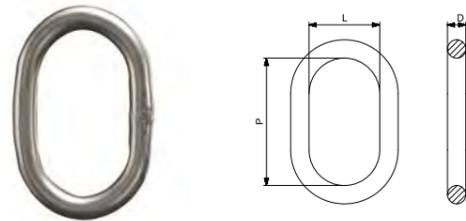
CARTEC 60

C6XCM

GR. 60 STAINLESS STEEL OBLONG MASTERLINK



Chain		Code	Size			Weight W.L.L.	
⊥ ø mm	Λ ø mm		D mm	P mm	L mm	Kg	Kg
6-7	6	C6XCM0706	13	110	60	0,34	1600
8	---	C6XCM08	13	110	60	0,34	1600
10	7/8	C6XCM1008	16	110	60	0,53	2600
13	10	C6XCM1310	18	135	75	0,8	4250
16	13	C6XCM1613	22	160	90	1,5	6300
18	16	C6XCM1816	26	180	100	2,3	8900

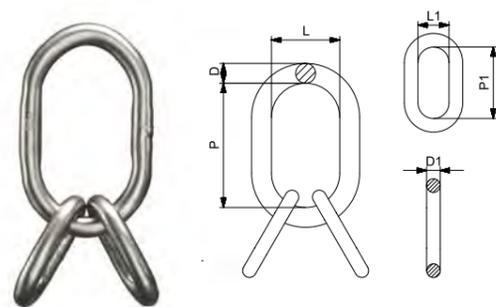


C6XCMC

GR. 60 STAINLESS STEEL SUB-ASSEMBLY



Chain		Code	Size						Weight W.L.L.	
↑ ø mm			D	P	L	D1	P1	L1	Kg	Kg
6		C6XCMC06	13	110	60	10	44	20	0,52	1890
7		C6XCMC07	16	110	60	13	54	25	0,97	2600
8		C6XCMC08	18	135	75	16	70	34	1,6	3350
10		C6XCMC10	22	160	90	18	85	40	2,76	5250
13		C6XCMC13	26	180	100	22	115	50	4,45	8900
16		C6XCMC16	32	200	110	26	140	65	7,55	13200

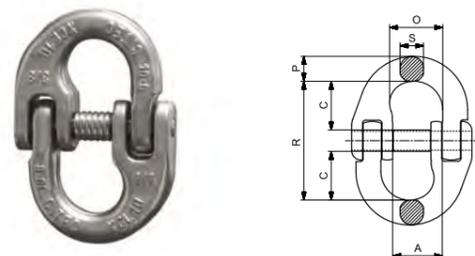


C6XCL

GR. 60 STAINLESS STEEL CONNECTING LINK



Chain		Code	A	C	O	R	P	S	Weight W.L.L.	
mm	inch		mm	mm	mm	mm	mm	mm	Kg	Kg
6	1/4	C6XCL06	14	18	18	45	8	7,5	0,08	900
7	9/32	C6XCL07	18	20	20,5	50,5	10,2	9	0,14	1250
8	5/16	C6XCL08	19	25,5	23,5	62	11,5	10	0,2	1600
10	3/8	C6XCL10	24	30	27,5	72	12,6	12,6	0,35	2500
13	1/2	C6XCL13	28	36	33,5	87,5	19	16,7	0,73	4250
16	5/8	C6XCL16	34,5	40,5	39,5	105	20,6	20,6	1,47	6300

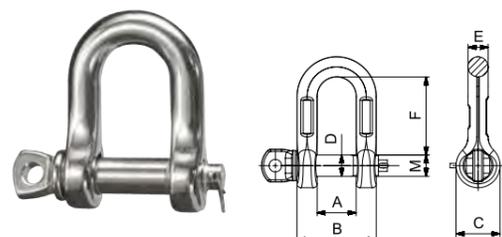


C6XSH

STAINLESS STEEL DEE SHACKLE



Code	A	B	C	D	E	F	M	Weight W.L.L.	
	mm	mm	mm	mm	mm	mm	mm	Kg	Kg
C6XSH005	18	34	18	9	8	33	M10	0,07	500
C6XSH012	25	49	25	13	12	40	M14	0,22	1250
C6XSH020	32	64	32	17	16	60	M18	0,52	2000
C6XSH032	41	79	47	21	19	78	M22	0,8	3200
C6XSH050	56	106	60	29	25	109	M30	2,2	5000
C6XSH130	76	144	75	40	34	152	M39	7	13000



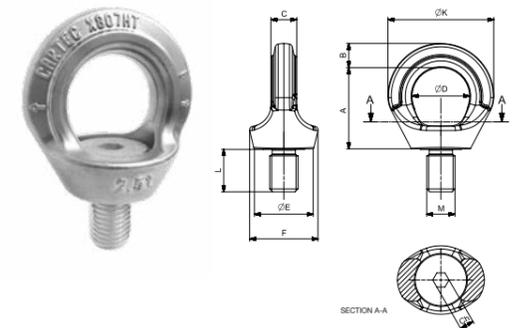
CARTEC 60

C6X807 H.T.

GR. 60 STAINLESS STEEL H.T. ROTATING EYEBOLT



Code	Size	A	B	C	D	E	F	K	L	CH	Weight W.L.L.	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Kg	t
C6X807HT12	M12	43	12,5	11,5	30	30	36,5	55,5	18	8	0,2	0,5
C6X807HT16	M16	49,5	14,5	15,7	35	35	41,8	64,5	24	10	0,35	1
C6X807HT20	M20	58	16	18	40	42	51,5	74,5	30	12	0,6	2
C6X807HT24	M24	69	20,5	22	49	50	58	90	36	12	1	2,5

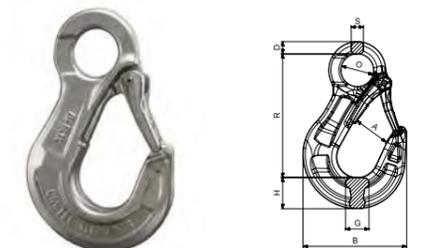


C6XCA

GR. 60 STAINLESS STEEL SLING HOOK WITH LATCH



Chain		Code	A	B	D	G	H	O	R	S	Weight W.L.L.	
mm	inch		mm	mm	mm	mm	mm	mm	mm	mm	Kg	Kg
5-6	7/32 - 1/4	C6XCA06SF	23	72	8	13,5	21	21	90	8	0,31	900
7-8	9/32 - 5/16	C6XCA08SF	32	103	13	19,5	29	27	118	13	0,81	1600
10	3/8	C6XCA10SF	39	120	15	27	33	37	140	15	1,57	2500
13	1/2	C6XCA13SF	51	155	18	35	46	48	182	18	3,09	4250
16	5/8	C6XCA16SF	66	183	24	44	51	55	213	24	5,36	6300

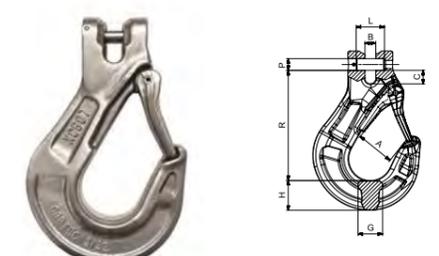


C6XCB

GR. 60 STAINLESS STEEL CLEVIS SLING HOOK



Chain		Code	A	B	C	G	H	R	PxL	Weight W.L.L.	
mm	inch		mm	mm	mm	mm	mm	mm	mm	Kg	Kg
6	1/4	C6XCB06SF	23	7,2	8,5	13,5	21	81	8x19,5	0,33	900
7	9/32	C6XCB07SF	32	9,5	12	19,5	29	112	8x22,5	0,79	1250
8	5/16	C6XCB08SF	32	9,5	11	19,5	29	111	10x22,5	0,84	1600
10	3/8	C6XCB10SF	39	12	15	27	33	122,5	13x31,5	1,43	2500

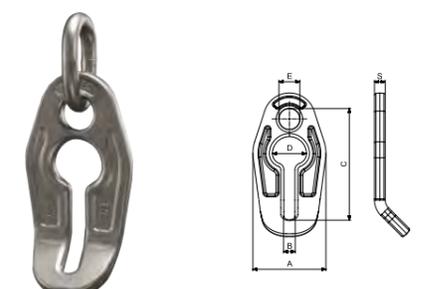


C6XAC

GR. 60 STAINLESS STEEL SHORTENING CLUTCH



Chain		Code	A	B	C	D	E	S	Weight W.L.L.	
ø mm	ø inch		mm	mm	mm	mm	mm	mm	Kg	Kg
5-6	7/32 - 1/4	C6XAC06	55	8	81	26	16	8,5	0,25	900
7-8	9/32 - 5/16	C6XAC08	71	11	110	34	22	10,5	0,59	1600
10	3/8	C6XAC10	90	12	135	40	26	13	1,13	2500
13	1/2	C6XAC13	112	17	170	52	32	16,5	2,37	4250
16	5/8	C6XAC16	135	20,5	202	64	38	20	4,12	6300

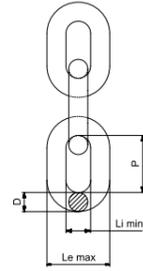


CARTEC 60

C6XC8182

GR. 60 STAINLESS STEEL CHAIN

Chain	Code	P	Tolerance			W.L.L. B.F.		Weight
			mm	mm	mm	Kg	KN	
6	1/4 C6XC818206	18	± 0,5	7,8	22,2	900	35,3	0,8
7	9/32 C6XC818207	21	± 0,6	9,1	25,9	1250	49,1	1,1
8	5/16 C6XC818208	24	± 0,7	10,4	29,6	1600	62,8	1,4
10	3/8 C6XC818210	30	± 0,9	13	37	2500	98,1	2,2
13	1/2 C6XC818213	39	± 1,2	16,9	48,1	4250	166,8	3,8
16	5/8 C6XC818216	48	± 1,4	20,8	59,2	6300	247,3	5,7



Working load limit of slings - W.L.L. according to EN 818-4

Chain	Single leg		2 legs		3-4 legs		Choked slings	
	0°	1,4	1 45° $\leq \beta \leq 60^\circ$	2,1 0° $\leq \beta \leq 45^\circ$	1,5 45° $\leq \beta \leq 60^\circ$	1,6		
mm	Kg	Kg	Kg	Kg	Kg	Kg	Kg	Kg
6	900	1250	900	1890	1350	1440		
7	1250	1750	1250	2600	1850	2000		
8	1600	2200	1600	3350	2400	2500		
10	2500	3500	2500	5250	3750	4000		
13	4250	5950	4250	8900	6350	6800		
16	6300	8800	6300	13200	9400	10000		

CARTEC 60

C6XTI

IDENTIFICATION TAG

Tag	Tag
1 leg	2/3/4 legs
XTI01	XTI02



C6XPMP

GR. 60 STAINLESS STEEL CHAIN FOR PUMPS

Chain	Code	Master Link (A link)			Welding Link (B link)			W.L.L. Weight	
		D	P	L	D1	P1	L1	Kg	Kg/mt
4	5/32 C6XPMP04	7,7	70	35	4	16	7	400	0,35
5	13/64 C6XPMP05	10	80	50	7	35	16	630	0,7
6	1/4 C6XPMP06	13	110	60	8	35	16	900	1,1
7	9/32 C6XPMP07	13	110	60	8	35	16	1250	1,3
8	5/16 C6XPMP08	13	110	60	10	44	20	1600	1,8
10	3/8 C6XPMP10	16	110	60	13	54	25	2500	3
13	1/2 C6XPMP13	22	160	90	16	70	34	4250	11
16	5/8 C6XPMP16	26	180	100	20	85	40	6300	17



CARFER



CARFER STEEL FITTINGS FOR ROPES AND CHAINS

The historic range of CARCANO products, now with an identity and brand of its own: CARFER, quality that is the hallmark of our company

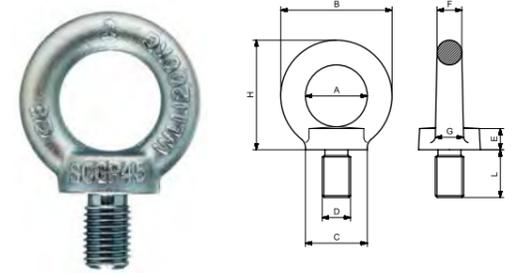
also characterises this selection of accessories.

A055

LIFTING EYE BOLT DIN 580 - Steel C 15 E



Size	A	B	C	E	F	G	H	L	L	λ	λ	λ	Max Tightening torque	Weight
<small>SIMILAR TO DIN</small> M 6	20	36	20	6	8	10	36	13	90	55	38	3,5	0,06	
M 6	20	36	20	6	8	10	36	13	75	55	38	3,5	0,06	
M 8	20	36	20	6	8	10	36	13	140	100	70	8	0,06	
M 10	25	45	25	8	10	12	45	17	230	170	115	16	0,11	
M 12	30	54	30	8	12	14	53	20,5	340	240	170	28	0,18	
<small>SIMILAR TO DIN</small> M 14	30	54	30	10	12	14	53	20,5	500	240	170	45	0,19	
M 14	35	63	35	12	14	16	62	27	490	350	245	45	0,27	
M 16	35	63	35	12	14	16	62	27	700	500	350	70	0,28	
<small>SIMILAR TO DIN</small> M 18	35	63	35	12	14	16	62	27	930	500	350	95	0,33	
M 18	40	72	40	14	16	19	71	30	850	600	425	95	0,44	
M 20	40	72	40	14	16	19	71	30	1200	860	600	135	0,45	
<small>SIMILAR TO DIN</small> M 22	40	72	40	14	16	19	71	30	1500	860	600	182	0,5	
M 22	50	90	50	18	20	24	90	36	1400	1000	700	182	0,72	
M 24	50	90	50	18	20	24	90	36	1800	1290	900	230	0,74	
<small>SIMILAR TO DIN</small> M 27	54	98	62	20	22	26	99	40	2500	1290	900	343	1,25	
M 27	60	108	65	22	24	28	109	45	2100	1500	1050	343	1,62	
M 30	60	108	65	22	24	28	109	45	3200	2300	1600	465	1,66	
<small>SIMILAR TO DIN</small> M 33	60	108	65	22	24	28	109	45	4200	2300	1600	632	1,9	
M 33	70	126	75	26	28	32	128	54	3200	2300	1600	632	2,6	
M 36	70	126	75	26	28	32	128	54	4600	3300	2300	814	2,65	
<small>SIMILAR TO DIN</small> M 39	80	144	85	30	32	38	147	63	6000	3300	2300	1059	3,78	
M 39	80	144	85	30	32	38	147	63	4600	3300	2300	1059	3,78	
M 42	80	144	85	30	32	38	147	63	6300	4500	3150	1304	4,03	
<small>SIMILAR TO DIN</small> M 45	90	166	100	35	38	46	168	68	7800	4500	3150	1638	6,24	
M 45	90	166	100	35	38	46	168	68	6300	4500	3150	1638	6,24	
M 48	90	166	100	35	38	46	168	68	8600	6100	4300	1981	6,38	
<small>SIMILAR TO DIN</small> M 52	100	184	110	38	42	50	187	78	9900	6100	4300	2540	8,57	
M 52	100	184	110	38	42	50	187	78	8600	6100	4300	2540	8,57	
M 56	100	184	110	38	42	50	187	78	11500	8200	5750	3000	8,8	
M 60	110	206	120	42	48	58	208	90	11500	8200	5750	3000	12,13	
M 64	110	206	120	42	48	58	208	90	16000	11000	8000	4736	12,4	
M 72	140	260	150	50	60	72	260	100	20000	14000	10000	6913	23,3	
M 80	160	296	170	55	68	80	298	112	28000	20000	14000	9625	34,2	
M 100	180	330	190	60	75	88	330	130	40000	29000	20000	19613	49,1	

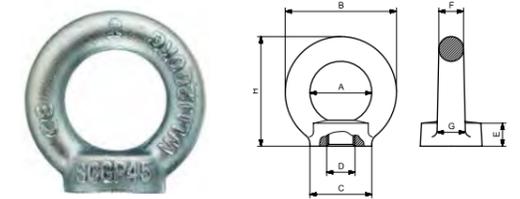


A056

EYE NUT DIN 582 - Steel C 15 E



Size	A	B	C	E	F	G	H	L	λ	λ	λ	Max Tightening torque	Weight
<small>SIMILAR TO DIN</small> M 6	20	36	20	8,5	8	10	36	90	55	38	3,5	0,05	
M 6	20	36	20	8,5	8	10	36	75	55	38	3,5	0,05	
M 8	20	36	20	8,5	8	10	36	140	100	70	8	0,05	
M 10	25	45	25	10	10	12	45	230	170	115	16	0,09	
M 12	30	54	30	11	12	14	53	340	240	170	28	0,16	
<small>SIMILAR TO DIN</small> M 14	30	54	30	11	12	14	53	500	240	170	45	0,15	
M 14	35	63	35	13	14	16	62	490	350	245	45	0,24	
M 16	35	63	35	13	14	16	62	700	500	350	70	0,24	
<small>SIMILAR TO DIN</small> M 18	35	63	35	13	14	16	62	930	500	350	95	0,33	
M 18	40	72	40	16	16	19	71	850	600	425	95	0,37	
M 20	40	72	40	16	16	19	71	1200	860	600	135	0,36	
<small>SIMILAR TO DIN</small> M 22	40	72	40	16	16	19	71	1500	860	600	182	0,35	
M 22	50	90	50	20	20	24	90	1400	1000	700	182	0,73	
M 24	50	90	50	20	20	24	90	1800	1290	900	230	0,72	
<small>SIMILAR TO DIN</small> M 27	54	98	62	22	22	26	99	2500	1290	900	343	0,8	
M 27	60	108	65	25	24	28	109	2100	1500	1050	343	1,34	
M 30	60	108	65	25	24	28	109	3200	2300	1600	465	1,32	
<small>SIMILAR TO DIN</small> M 33	60	108	65	25	24	28	109	4200	2300	1600	632	1,27	
M 33	70	126	75	30	28	32	128	3200	2300	1600	632	2,11	
M 36	70	126	75	30	28	32	128	4600	3300	2300	814	2,08	
<small>SIMILAR TO DIN</small> M 39	80	144	85	35	32	38	147	6000	3300	2300	1059	3,15	
M 39	80	144	85	35	32	38	147	4600	3300	2300	1059	3,15	
M 42	80	144	85	35	32	38	147	6300	4500	3150	1304	3,11	
<small>SIMILAR TO DIN</small> M 45	90	166	100	40	38	46	168	7800	4500	3150	1638	5,08	
M 45	90	166	100	40	38	46	168	6300	4500	3150	1638	5,08	
M 48	90	166	100	40	38	46	168	8600	6100	4300	1981	5,02	
<small>SIMILAR TO DIN</small> M 52	100	184	110	45	42	50	187	9900	6100	4300	2540	6,79	
M 52	100	184	110	45	42	50	187	8600	6100	4300	2540	6,79	
M 56	100	184	110	45	42	50	187	11500	8200	5750	3000	6,69	
M 60	110	206	120	50	48	58	208	11500	8200	5750	3000	9,43	
M 64	110	206	120	50	48	58	208	16000	11000	8000	4736	9,3	
M 72	140	260	150	60	60	72	260	20000	14000	10000	6913	18,5	
M 80	160	296	170	70	68	80	298	28000	20000	14000	9625	27,3	
M 100	180	330	190	80	75	88	330	40000	29000	20000	19613	36,4	

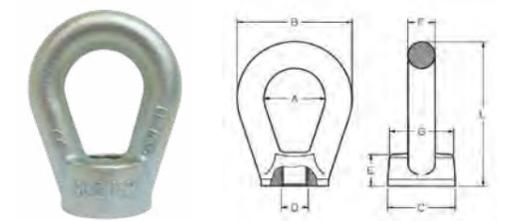


A057

EYE NUT WITH OVAL EYE UNI 2948 - Steel Fe 430B



Size	A	B	C	E	F	G	L	L	λ	Weight
M 8	18	36	20	8,5	8	19	36	80	40	0,07
M 10	24	44	30	14	10	28	58	160	80	0,14
M 12	30	56	34	16	13	32	72	250	125	0,26
M 14	30	56	34	16	13	32	72	320	160	0,26
M 16	36	68	40	20	16	38	86	400	200	0,43
M 18	36	68	40	20	16	38	86	510	255	0,41
M 20	42	80	48	24	19	45	100	630	315	0,59
M 22	42	80	48	24	19	45	100	800	400	0,7
M 24	50	94	56	28	22	53	119	1000	500	1,09
M 27	50	103	62	32	24	58	129	1250	625	1,04
M 30	60	112	68	36	26	64	141	1600	800	1,83
M 36 x 3	70	128	80	42	29	75	164	2500	1250	2,79
M 42 x 3	82	148	92	50	33	87	192	3750	1875	4,32
M 48 x 3	90	162	105	58	36	99	211	5000	2500	6,02

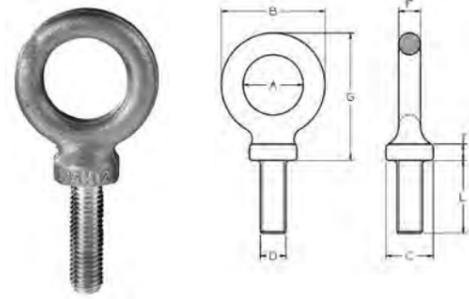


A059

FRENCH TYPE EYEBOLT - Steel C 15



D Size	A	B	C	E	F	G	L	D	Max Tightening torque	SWL	Weight
	mm	mm	mm	mm	mm	mm	mm	mm	Nm	Kg	Kg
M 6	20	36	20,5	6	8	44	24	6	3,5	90	0,05
M 8	20	36	20,5	6	8	44	24	8	8	140	0,06
M 10	23	44	22,5	7	10,5	51	28,5	10	16	230	0,12
M 12	29	50	22,5	8	10,5	60,5	40	12	28	340	0,14
M 14	33	57	26	9	12	69,5	40	14	45	500	0,2
M 16	37	65	28	9	14	76	50	16	70	700	0,32
M 18	41	71	31	9	15	85	52	18	95	930	0,42
M 20	46	78	32	9	16	92	55	20	135	1200	0,52
M 22	50	84	35	9	17	98	62	22	182	1500	0,64
M 24	53	94	38	12	20,5	110	67	24	230	1800	0,92
M 27	59	101	40	15	21	120	74	27	343	2500	1,16
M 30	60	109	45,5	18	24,5	132	79	30	465	3600	1,66
M 33	64	121	55	22	28,5	144	84	33	632	5100	2,48

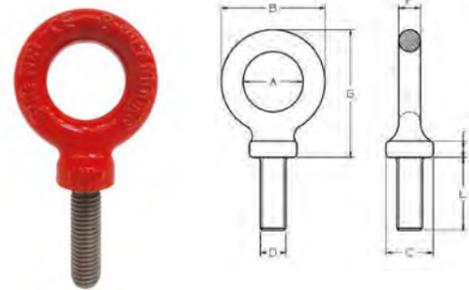


A224

ALLOY STEEL FRENCH TYPE EYEBOLT - 42CrMo



Size	A	B	C	D	E	F	G	L	Weight	Max Tightening torque	W.L.L.
	mm	mm	mm	mm	mm	mm	mm	mm	Kg	Nm	Kg
M 8	19,5	35,5	20	8	6	8	44	24	0,06	8	400
M 10	23	43	21	10	7	10	51	28	0,08	16	700
M 12	29	53	22	12	8	12	64	40	0,14	28	1000
M 14	31,5	59,5	26	14	9	14	72	40	0,2	45	1200
M 16	36	64	28	16	10	14	79	51	0,3	70	1500
M 18	41,5	73,5	31	18	11	16	88	53	0,42	95	2000
M 20	45,5	77,5	32	20	12	18	95	56	0,5	135	2500
M 22 NEW	50	84	35	22	9	17	98	62	0,64	182	3000
M 24 NEW	53	94	38	24	12	20,5	110	67	0,92	230	4000
M 27 NEW	59	101	40	27	15	21	120	74	1,16	343	5000
M 30 NEW	60	109	45,5	30	18	24,5	132	79	1,66	465	6000



A837

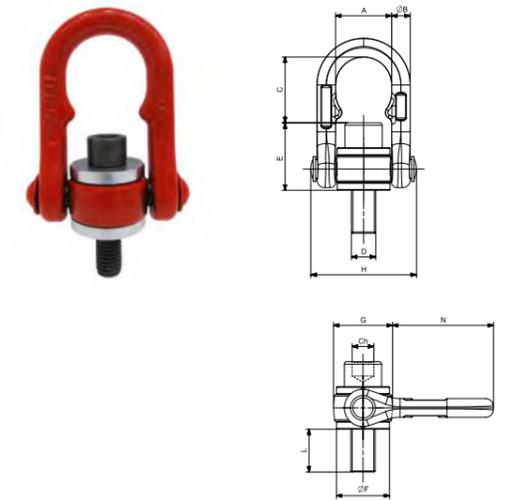
HEAVY LIFT SWIVEL HOIST RING - 20CrNiMo + Al Screw: 35CrMo



FORESEEN USE

Anchorage point for load lifting.

- Safety coefficient 5
- Suitable for safe lifting in compliance with the machinery directive 2006/42/EC
- Can be oriented at 360°
- Tested at 20.000 fatigue cycles



Code	Size	W.L.L.	A	B	C	D	E	F	G	H	L	N	Ch	Weight
	mm	t	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Kg	Kg
A83708	M8	0,4	36	12	50	M8	35	34	38	68	18	53	6	0,46
A83710	M10	0,7	36	12	48	M10	37	34	38	68	18	53	8	0,47
A83712	M12	1	36	12	46	M12	39	34	38	68	23	53	10	0,48
A83714	M14	1,3	36	12	44	M14	41	34	38	68	23	53	12	0,5
A83716	M16	1,6	36	12	42	M16	43	34	38	68	28	53	14	0,53

Working load limit W.L.L. (t)

Code	Size	0° 1 leg	0° 2 legs	90° 1 leg	90° 2 legs	0°- 45° 2 legs	45°- 60° 2 legs	Asymm 2 legs	0°- 45° 3/4 legs	45°- 60° 3/4 legs	Asymm 3/4 legs	Max tightening torque Nm
	mm											
C83708	M8	0,4	0,8	0,4	0,8	0,56	0,3	0,3	0,85	0,6	0,4	6,5
C83710	M10	0,7	1,4	0,7	1,4	1	0,6	0,6	1,5	1	0,7	13
C83712	M12	1	2	1	2	1,4	1	1	2,1	1,5	1	22
C83714	M14	1,3	2,6	1,3	2,6	1,8	1,3	1,3	2,7	2	1,3	35
C83716	M16	1,6	3,2	1,6	3,2	2,2	1,6	1,6	3,4	2,4	1,6	55

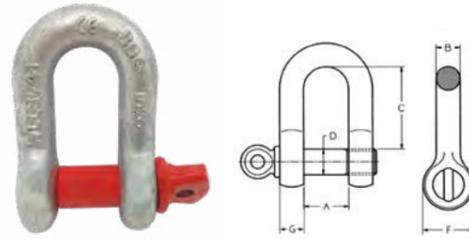
⚠ THE DEVICE IS NOT SUITABLE FOR ROTATION DURING LOADING

A051

ALLOY STEEL DEE SHACKLE WITH SCREW PIN - High tensile steel



Working load t	Size	A mm	B mm	C mm	D mm	F mm	G mm	Weight Kg
0,33	3/16"	9,5	5	19	6	15	6	0,02
0,5	1/4"	11,9	6,4	22,4	7,9	16	6	0,05
0,75	5/16"	13,5	7,9	26,2	9,7	19	8	0,07
1	3/8"	16,8	9,7	31,8	11,2	23	10	0,12
1,5	7/16"	19,1	11,2	36,6	12,7	27	11	0,19
2	1/2"	20,6	12,7	41,4	16	30	13	0,26
3,25	5/8"	26,9	16	50,8	19,1	39	16	0,56
4,75	3/4"	31,8	19,1	60,5	22,4	47	19	1,19
6,5	7/8"	36,6	22,4	71,3	25,4	54	22	1,43
8,5	1"	42,9	25,4	81	28,7	60	25	2,15
9,5	1 1/8"	46	28,7	90,9	31,8	68	29	3,06
12	1 1/4"	51,6	31,8	100	35,1	76	32	4,11
13,5	1 3/8"	57,2	35,1	111,2	38,1	84	35	5,28
17	1 1/2"	60,5	38,1	122,1	41,4	92	38	7,24
25	1 3/4"	73,2	44,5	146	50,8	107	45	12,14
35	2"	82,6	50,8	171,4	57,2	122	51	19,2
42,5	2 1/4"	95	57	190	65	134	57	26,06
55	2 1/2"	104,9	66,5	203,2	69,9	145	64	32,57
85	3"	127	75	230	80	165	76,2	56,68

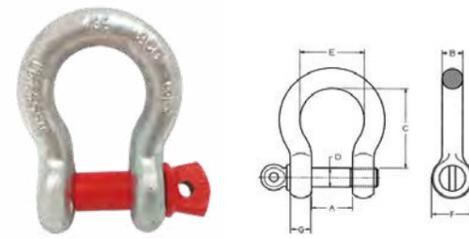


A052

ALLOY STEEL BOW SHACKLE WITH SCREW PIN - High tensile steel



Working load t	Size	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Weight Kg
0,33	3/16"	9,7	4,8	22,4	6,4	15,2	15	6	0,027
0,5	1/4"	11,9	6,4	28,7	7,9	19,8	16	6	0,045
0,75	5/16"	13,5	7,9	31	9,7	21,3	19	8	0,086
1	3/8"	16,8	9,7	36,6	11,2	26,2	23	10	0,14
1,5	7/16"	19,1	11,2	42,9	12,7	29,5	27	11	0,172
2	1/2"	20,6	12,7	47,8	16	33,3	30	13	0,327
3,25	5/8"	26,9	16	60,5	19,1	42,9	39	16	0,622
4,75	3/4"	31,8	19,1	71,4	22,4	50,8	47	19	1,07
6,5	7/8"	36,6	22,4	84,1	25,4	57,9	54	22	1,64
8,5	1"	42,9	25,4	95,3	28,7	68,3	60	25	2,28
9,5	1 1/8"	46	29,5	107,9	31,8	73,9	68	29	3,36
12	1 1/4"	51,6	32,8	119,1	35,1	82,6	76	32	4,31
13,5	1 3/8"	57,2	36,1	133,3	38,1	92,2	84	35	6,14
17	1 1/2"	60,5	39,1	146	41,4	98,6	92	38	7,8
25	1 3/4"	73,2	46,7	177,8	50,8	127	107	45	12,61
35	2"	82,6	52,8	196,8	57,2	146	122	51	20,43
42,5	2 1/4"	95	57	222	65	160	134	57	29
55	2 1/2"	104,9	68,8	266,7	69,9	186,1	145	64	38,93
85	3"	127	75	330	80	190	165	76,2	62,24

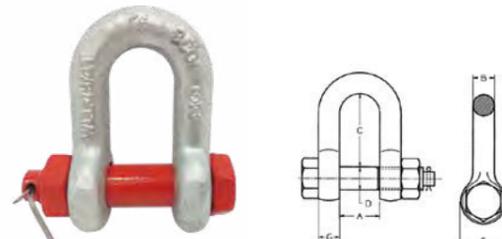


A053

ALLOY STEEL DEE SHACKLE WITH WITH BOLT - High tensile steel



Working load t	Size	A mm	B mm	C mm	D mm	F mm	G mm	Weight Kg
0,5	1/4"	11,9	6,4	19,1	7,9	16	6	0,059
0,75	5/16"	13,5	7,9	25,4	9,7	19	8	0,104
1	3/8"	16,8	9,7	31	11,2	23	10	0,145
1,5	7/16"	19,1	11,2	36,1	12,7	27	11	0,222
2	1/2"	20,6	12,7	41,4	16	30	13	0,34
3,25	5/8"	26,9	16	50,8	19,1	39	16	0,667
4,75	3/4"	31,8	19,1	60,5	22,4	47	19	1,144
6,5	7/8"	36,6	22,4	71,4	25,4	54	22	1,75
8,5	1"	42,9	25,4	81	28,7	60	25	2,52
9,5	1 1/8"	46	28,7	90,9	31,8	68	29	3,45
12	1 1/4"	51,6	31,8	100	35,1	76	32	4,91
13,5	1 3/8"	57,2	35,1	111,2	38,1	84	35	6,24
17	1 1/2"	60,5	38,1	122,1	41,4	92	38	8,4
25	1 3/4"	73,2	44,5	146	50,8	107	45	14,25
35	2"	83	50	171	57	122	51	18,85
42,5	2 1/4"	95	57	190	65	134	57	26,06
55	2 1/2"	104,9	66,5	203,2	69,9	145	64	38,59
85	3"	127	76,2	215,9	82,6	165	76,2	56,41
120	3 1/2"	146	90	267	95	203	92,2	88

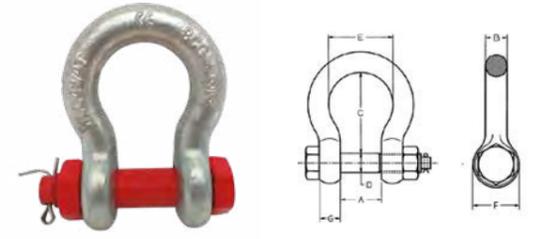


A054

ALLOY STEEL BOW SHACKLE WITH BOLT - High tensile steel



Working load t	Size	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Weight Kg
0,5	1/4"	11,9	6,4	28,7	7,9	19,8	16	6	0,05
0,75	5/16"	13,5	7,9	31	9,7	21,3	19	8	0,1
1	3/8"	16,8	9,7	36,6	11,2	26,2	23	10	0,15
1,5	7/16"	19,1	11,2	42,9	12,7	29,5	27	11	0,22
2	1/2"	20,6	12,7	47,8	16	33,3	30	13	0,36
3,25	5/8"	26,9	16	60,5	19,1	42,9	39	16	0,76
4,75	3/4"	31,8	19,1	71,4	22,4	50,8	47	19	1,23
6,5	7/8"	36,6	22,4	84,1	25,4	57,9	54	22	1,79
8,5	1"	42,9	25,4	95,3	28,7	68,3	60	25	2,57
9,5	1 1/8"	46	28,7	107,9	31,8	73,9	68	29	3,75
12	1 1/4"	51,6	31,8	119,1	35,1	82,6	76	32	5,31
13,5	1 3/8"	57,2	35,1	133,3	38,1	92,2	84	35	7,14
17	1 1/2"	60,5	38,1	146	41,4	98,6	92	38	9,44
25	1 3/4"	73,2	44,5	177,8	50,8	127	107	45	15,39
35	2"	82,5	50,8	196,8	57,2	146	122	51	23,72
42,5	2 1/4"	95	57	222	65	160	134	57	29
55	2 1/2"	104,9	66,6	266,7	69,9	186,1	145	64	44,6
85	3"	127	76,2	330,2	82,6	200,1	165	76,2	69,91
120	3 1/2"	133,3	91,9	371,6	95,3	228,6	203	92,2	120,3

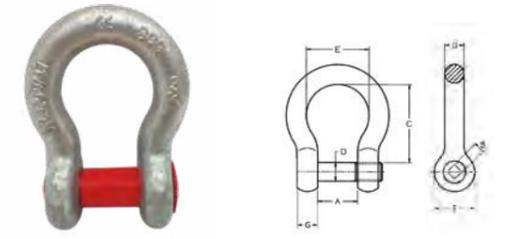


A209

ALLOY STEEL BOW SHACKLE WITH RED PIN WITH SQUARE SUNKEN HOLE - High tensile steel



Working load t	Size	A mm	B mm	C mm	D mm	E mm	F mm	G mm	S mm	Weight Kg
2	1/2"	20,6	12,7	47,8	16	33,3	30	13	9	0,36
3,25	5/8"	26,9	16	60,5	19,1	42,9	39	16	11	0,76
4,75	3/4"	31,8	19,1	71,4	22,4	50,8	47	19	11	1,23
6,5	7/8"	36,6	22,4	84,1	25,4	57,9	54	22	13	1,79
8,5	1"	42,9	25,4	95,3	28,7	68,3	60	25	13	2,57

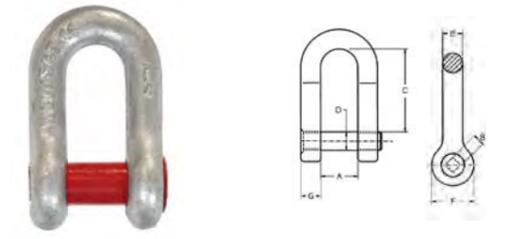


A212

ALLOY STEEL DEE SHACKLE WITH RED PIN WITH SQUARE SUNKEN HOLE - High tensile steel



Working load t	Size	A mm	B mm	C mm	D mm	F mm	G mm	S mm	Weight Kg
2	1/2"	20,6	12,7	41,4	16	30	13	9	0,27
3,25	5/8"	26,9	16	50,8	19,1	39	16	11	0,57
4,75	3/4"	31,8	19,1	60,5	22,4	47	19	11	1,19
6,5	7/8"	36,6	25,4	71,3	25,4	54	22	13	1,43
8,5	1"	42,9	25,4	81	28,7	60	25	13	2,16



S46-A46

GALVANIZED FORGED DEE SHACKLE - Steel Fe 430 B



Size mm	A mm	B mm	C mm	D mm	E mm	F mm	S.W.L. Kg	Weight Kg
5	8	18	12	5	5	23	70	0,02
6	11	23	14	6	6	29	100	0,04
8	16	32	18	8	8	37	250	0,08
10	19	38	21	10	10	41	400	0,11
11	23	45	26	11	11	48	470	0,2
12	26	50	28	12	12	54	630	0,25
14	28	56	30	14	14	57	750	0,34
16	30	64	35	16	16	63	1000	0,51
18	28	64	37	18	18	62	1300	0,75
20	35	68	39	20	18,5	65	1600	0,94
22	41	83	44	22	21	75	2000	1,3
25	36	80	50	25	22	81	2500	1,6
28	40	88	56	28	24	90	3150	2
32	45	99	64	32	27	99	4000	2,9
36	50	110	74	36	30	109	5000	4,3
40	55	123	80	40	34	120	6300	6
42	60	136	85	42	38	131	8000	7,4
45	65	149	90	45	42	135	10000	10
50	70	165	103	48	47	155	12500	13,7
56	80	184	114	56	52	170	16000	16,6

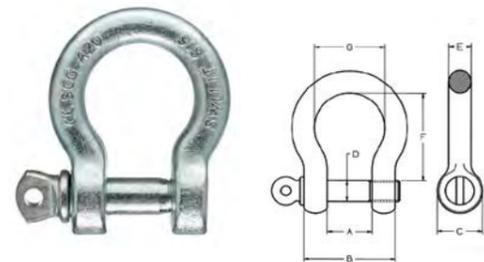


S47-A47

GALVANIZED FORGED BOW SHACKLE - Steel Fe 430 B



Size mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	S.W.L. Kg	Weight Kg
5	9	20	10	5	5	20	18	80	0,02
6	12	24	12	6	6	26	19	100	0,03
8	15	33	17	8	8	31	24	200	0,08
10	16	37	20	10	10	38	30	300	0,1
11	21	46	22	11	11	44	35	400	0,18
12	23	49	24	12	12	53	39	500	0,28
14	30	61	30	14	15	59	47	600	0,39
16	30	64	31	16	18	64	48	800	0,48
18	35	75	41	18	19,5	72	59	1100	0,9
20	35	75	41	20	19,5	72	59	1100	0,96
22	46	89	49	22	22	85	61	1500	1,37
24	50	100	57	25	26	102	76	2000	2,28
28	53	110	61	28	28	111	81	2600	2,86
32	56	119	62	32	31	117	82	3200	4,1
39	75	150	80	38	41	155	115	4500	7,3

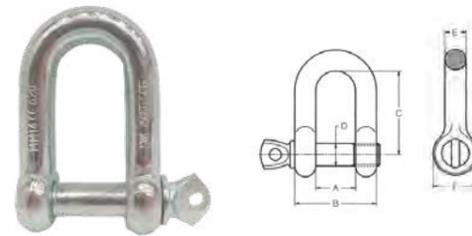


A048

DEE SHACKLE - Steel Fe 430 B



Size mm	A mm	B mm	C mm	D mm	E mm	F mm	S.W.L. Kg	Weight Kg
5	10	20	21	5	5	11	70	0,014
6	13	25	28	6	6	14	100	0,03
8	16	32	36	8	8	18	250	0,047
10	19	39	43	10	10	20	400	0,089
11	22	44	50	11	11	24	470	0,12
12	25	49	57	12	12	28	630	0,17
14	28	56	64	14	14	30	750	0,31
16	32	64	72	16	16	33	1000	0,38
18	37	70	74	18	18	33,5	1300	0,73
20	38	78	86	20	20	40	1600	0,73
22	44	88	91	22	22	50	2000	1,32
24	48,5	97	99	24	24	47,5	2500	2,07
28	57	113	129	28	28	68	3150	2,88
32	64	128	143	32	32	73	4000	3,6
36	72	144	155	36	36	80	5000	5,8
38	76	152	171	38	38	85	6000	6,1
42	84	168	185	42	42	90	8000	7,8
45	90	180	202	45	45	98	10000	11
50	102	202	225	50	50	108	12500	14

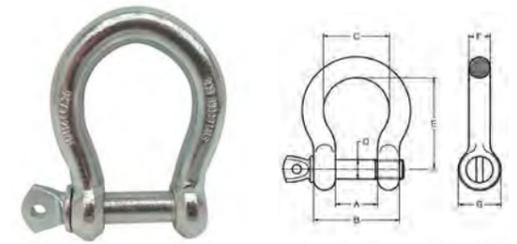


A049

BOW SHACKLE - Steel Fe 430 B



Size mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	S.W.L. Kg	Weight Kg
5	10	20	16	5	21	5	11	80	0,02
6	13	25	20	6	28	6	14	100	0,03
8	16	32	24	8	36	8	18	200	0,08
10	19	39	32	10	43	10	20	300	0,13
11	22	44	35	11	50	11	24	400	0,15
12	25	49	38	12	57	12	28	500	0,23
14	28	56	44	14	64	14	30	600	0,36
16	32	64	50	16	72	16	32	800	0,37
18	38	74	56	18	86	18	35	1100	0,73
20	38	78	66	20	86	20	40	1100	1
22	44	88	74	22	91	22	50	1500	1,43
24	48,5	95	68	24	108	24	47	2000	2,04
28	57	113	94	28	129	28	68	2600	2,88
32	64	128	104	32	143	32	73	3200	4,1
36	72	144	115	36	155	36	80	4200	5,3
38	76	152	136	38	171	38	85	4500	7,4
42	84	168	142	42	185	42	90	6000	8
45	90	180	150	45	202	45	98	7000	12
50	102	202	156	50	225	50	108	8000	15



A148

DEE SHACKLE SQUARE HEAD - Steel



Size mm	A mm	B mm	C mm	D mm	E mm	F mm	S.W.L. Kg	Weight Kg
5	10	20	19	5	5	11	70	0,016
6	13	25	25	6	6	14	100	0,03
8	16	32	32	8	8	18	250	0,06
10	19	39	38	10	10	20	400	0,12
11	22	44	44	11	11	24	470	0,16
12	25	49	51	12	12	28	630	0,22
14	28	56	55	14	14	30	750	0,32
16	32	64	64	16	16	33	1000	0,5
20	38	78	76	20	20	40	1600	1
22	44	88	89	22	22	50	2000	1,4
25	51	97	100	25	25	47,5	2500	2,08
28	57	113	115	28	28	68	3150	3,05
32	64	128	127	32	32	73	4000	4,3
36	72	144	125	36	36	80	5000	7,2
45	90	180	180	45	45	98	10000	12
50	102	202	200	50	50	108	12500	17,5

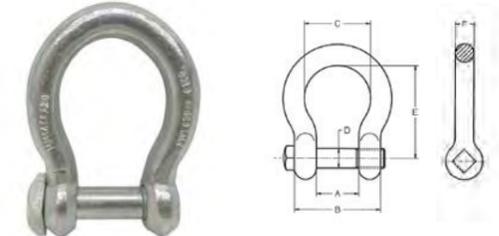


A152

BOW SHACKLE SQUARE HEAD - Steel



Size mm	A mm	B mm	C mm	E mm	F mm	D mm	G mm	S.W.L. Kg	Weight Kg
5	10	20	16	19	5	5	11	80	0,017
6	13	25	20	25	6	6	14	100	0,03
8	16	32	24	32	8	8	18	200	0,07
10	19	39	32	41	10	10	20	300	0,12
11	22	44	35	44	11	11	24	400	0,16
12	25	49	38	51	12	12	28	500	0,23
14	28	56	44	59	14	14	30	600	0,36
16	32	64	50	68	16	16	32	800	0,56
20	38	78	66	80	20	20	40	1100	1,1
22	44	88	74	92	22	22	50	1500	1,52
25	51	95	75	104	25	25	47	2000	2,2
28	57	113	94	115	28	28	68	2600	3,27
32	64	128	104	127	32	32	73	3200	4,5
36	72	144	115	144	36	36	80	4200	7,5
45	90	180	150	180	45	45	98	7000	12,8
50	102	202	156	200	50	50	108	8000	18



CARFER

A052 VN

BLACK ALLOY STEEL BOW SHACKLE WITH SCREW PIN - High tensile steel



Working load t	Size	A mm	B mm	C mm	D mm	E mm	F mm	G mm	Weight Kg
1,5	7/16"	19,1	11,2	42,9	12,7	29,5	27	11	0,17
2	1/2"	20,6	12,7	47,8	16	33,3	30	13	0,33
3,25	5/8"	26,9	16	60,5	19,1	42,9	39	16	0,62
4,75	3/4"	31,8	19,1	71,4	22,4	50,8	47	19	1,07



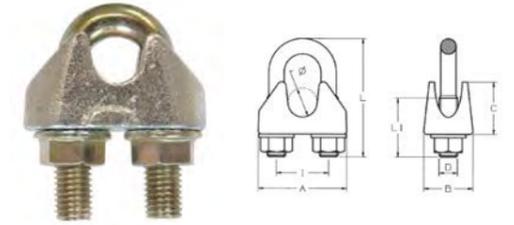
CARFER

A005

WIRE ROPE CLIP UNI EN 13411-5 - Body: Cast Iron U-bolt: Steel



Size mm	A mm	B mm	C mm	D	I mm	L mm	L1 mm	Weight Kg
5	25	13	13	M5	12	25	13	0,02
6,5	30	16	14	M6	14	32	17	0,04
8	39	20	18	M8	18	41	20	0,08
10	40	20	21	M8	20	46	24	0,09
12	50	24	25	M10	24	50	28	0,25
14	59	28	30	M12	28	66	31	0,3
16	64	32	35	M14	32	76	35	0,43
19	68	32	40	M14	36	83	36	0,49
22	74	34	44	M16	40	96	40	0,68
26	84	38	51	M20	46	111	50	1,17
30	95	41	59	M20	54	127	55	1,4
34	105	45	67	M22	60	141	60	2,13
40	117	49	77	M24	68	159	65	2,68

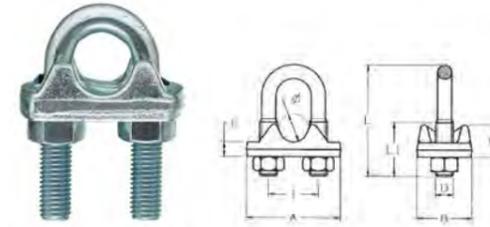


A156

WIRE ROPE CLIP DROP FORGED - Body: Steel Fe 430 B U-bolt: Steel Fe 360 B



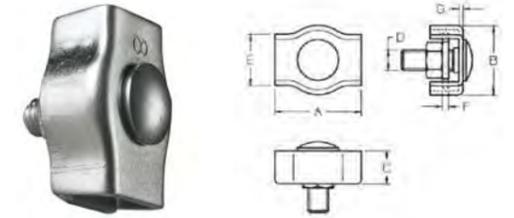
Size mm	Rope mm	A mm	B mm	C mm	D mm	E mm	I mm	L mm	L1 mm	Weight Kg
4	3-4	21	14	9	M 4	4,5	9	20	12	0,01
5	5	25	17	10	M 5	4,5	11	24	13	0,02
6	6	30	19	11	M 6	5	14,5	34	19	0,03
8	8	33	20	12	M 6	5,5	16	34	19	0,04
10	10	38	22	14	M 8	6	18	44	24	0,07
11	11	40	23	15	M 8	6,5	20	45	27	0,08
12	12	45	25	16	M 10	7	23	55	30	0,12
14	14	46	27	17	M 10	7,5	24	55	30	0,14
16	16	53	31	18	M 10	8	28	63	32	0,18
18	18	59	33	20	M 12	8	30	78	38	0,26
20	20	60	34	22	M 12	9	33	78	38	0,29
22	22	64	34	23	M 12	9,5	36	81	45	0,3
24	24-25	70	40	24	M 12	10	38	86	45	0,38
28	28	80	43	30	M 14	12	42	110	55	0,56
30	30	80	44,5	32	M 14	12	48	112	55	0,71
32	32	92	45	34	M 16	14	49	115	60	0,91
38	38-40	95	51	39	M 16	16	57	130	63	1,03
45	45	115	58	46	M 16	16	70	158	83	1,45
50	50	115	59	46	M 16	16	70	158	83	1,45



A006

SIMPLEX WIRE ROPE CLIP - Steel Fe 360B

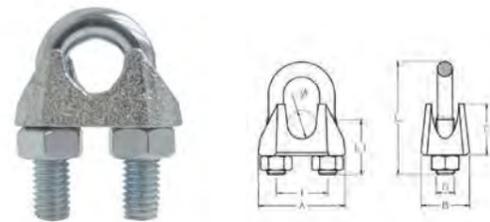
Size mm	A mm	B mm	C mm	D	E mm	F mm	G mm	Weight Kg
2	17,5	12	5	M 4	7,5	1	1	0,002
3	17,5	15	6,5	M 4	10	1,5	1,5	0,002
4	22	18	7,5	M 5	12	1,5	1,5	0,004
5	24	20	8,5	M 5	14	1,5	1,5	0,004
6	30	23	10	M 6	17	1,5	1,5	0,005
8	36	30	14	M 8	22	2	2	0,05
10	42	34	16	M 10	25	3	2	0,09



A003

WIRE ROPE CLIP CAST IRON DIN 741 - Body: Cast Iron U-bolt: Steel

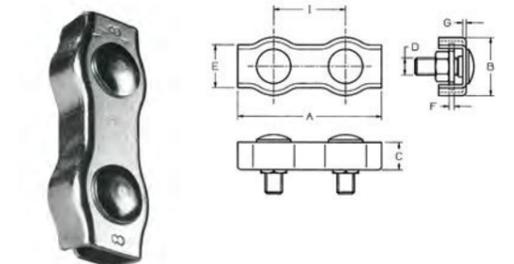
Size mm	Rope mm	A mm	B mm	C mm	D mm	I mm	L mm	L1 mm	Weight Kg
3	3	21	10	10	M 4	9	20	12	0,008
5	5	24	11	10	M 5	11	24	13	0,014
6	6,5	26	12	11	M 5	13	28	15	0,016
8	8	30	14	15	M 6	16	34	19	0,027
10	10	37	20	19	M 8	20	42	22	0,057
11	11	38	20	20	M 8	21	44	22	0,06
12	12	44	25	23	M 10	25	55	30	0,113
14	14	46	25	25	M 10	27	57	30	0,127
16	16	52	28	28	M 12	30	63	33	0,15
20	19	58	32	34	M 12	34	75	38	0,23
22	22	64	35	35	M 14	38	85	44	0,27
26	26	68	38	38	M 14	42	95	45	0,3
30	30	80	40	45	M 16	50	110	50	0,5
32	32	80	40	45	M 16	50	118	50	0,65
34	34	88	45	52	M 16	54	120	55	0,68
40	40	95	48	58	M 16	60	140	60	0,86



A007

DUPLEX WIRE ROPE CLIP - Steel Fe 360B

Size mm	A mm	B mm	C mm	D	E mm	F mm	G mm	I mm	Weight Kg
2	38	12	5	M 4	7,5	1	1	20,5	0,01
3	38	15	6,5	M 4	10	1,5	1,5	20,5	0,015
4	47	18	7,5	M 5	12	1,5	1,5	25	0,025
5	51	20	8,5	M 5	14	1,5	1,5	27	0,035
6	63	23	10	M 6	17	1,5	1,5	33	0,05
8	76	30	14	M 8	22	2	2	42	0,1
10	88	34	16	M 10	25	3	2	46	0,18



CARFER

A008

BOLT WITH 2 NUTS AND 2 WASHERS - Steel Fe 430 B

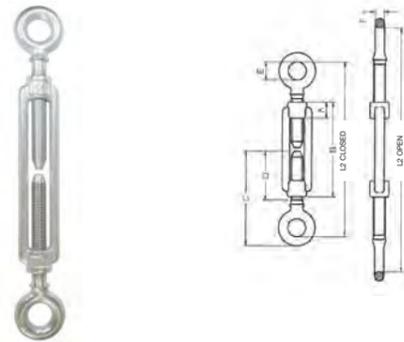
Tube inch	Light				Heavy				Extra Heavy						
	A	C	D	G	Weight	C	D	G	Weight	A	C	D	G	Weight	
	mm	mm	mm	mm	Kg	mm	mm	mm	Kg	mm	mm	mm	mm	Kg	
1-8	11	30,5	M 6	19	0,02					1/2"	22	69	M10	40	0,103
1-4	14	33	M 6	19	0,021					3/4"	27	75	M10	40	0,11
3-8	18	36	M 6	19	0,022					1"	34	81	M10	40	0,118
1-2	22	42	M 6	25	0,024	51	M 8	30	0,054	1" 1/4	43	91	M10	40	0,13
3-4	27	46,5	M 6	25	0,027	55,5	M 8	30	0,057	1" 1/2	49	111	M12	60	0,22
1	34	54	M 6	25	0,03	63	M 8	30	0,063	2"	61	123	M12	60	0,24
1 1/4	43	62,5	M 6	25	0,033	71,5	M 8	30	0,07	2" 1/2	77	139	M12	60	0,27
1 1/2	49	72,5	M 8	30	0,072	81,5	M 10	40	0,132	3"	89	151	M12	60	0,25
2	61	84,5	M 8	30	0,082	93,5	M 10	40	0,146	3" 1/2	102	174	M16	70	
2 1/2	77	100,5	M 8	30	0,095	109,5	M 10	40	0,168	4"	115	188	M16	70	0,56
3	89	112,5	M 8	30	0,104	121,5	M 10	40	0,183	5"	140	212	M16	70	
3 1/2	102	129	M 8	35	0,117	142	M 12	50	0,151	6"	168	240	M16	70	
4	115	141,5	M 8	35	0,127	155,5	M 12	50	0,163	8"	220	303	M20	80	1,65
5	140	169	M 8	35	0,148	180	M 12	50	0,372	10"	274	357	M20	80	1,93
6	168	202	M 10	45	0,284	208	M 12	50	0,424	12"	324	418	M24	90	3,18
8	220	254	M 10	45	0,348	267	M 16	60	0,992	14"	356	450	M24	90	3,42
10	274	308	M 10	45	0,418	321	M 16	60	1,18	16"	408	502	M24	90	3,8
										18"	460	554	M24	90	4,18
										20"	510	604	M24	90	4,54
										24"	612	706	M24	90	5,3



A009

TURNBUCKLE EYE AND EYE - Steel Fe 430 B

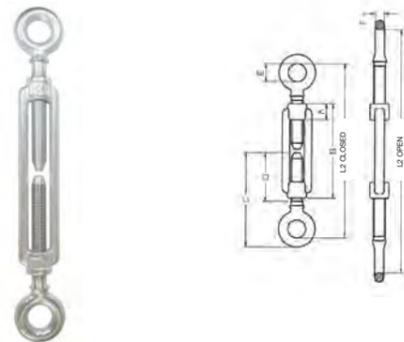
Size mm	A	B	C	D	E	F	L1	L2	S.W.L.	Weight
	mm	mm	mm	mm	mm	mm	mm	mm	Kg	Kg
M 5	9	79	59	40	8	4	110	170	140	0,04
M 6	10	88	74	50	10	4	140	208	225	0,06
M 8	12	110	80	52	11	5	150	236	410	0,15
M 10	15	130	97	60	14	6,5	180	280	650	0,21
M 12	18	140	106	67	17	8	196	300	930	0,34
M 14	20	170	126	83	18	8,5	233	365	1330	0,5
M 16	22,5	190	160	97	23	13	294	440	1770	0,93
M 18	27	200	178	112	25	14	328	474	2200	1,38
M 20	30	220	190	116	25	14	352	510	2700	1,42
M 22	33	242	200	120	30	16	368	544	3300	2,11
M 24	39	255	210	125	34	17	386	563	3920	2,76
M 27	45	255	236	150	34	18,5	433	600	4950	3,91
M 30	45	255	242	150	39	21	441	603	6250	4,05
M 33	45	295	242	150	39	21	442	627	7560	5,75
M 36	55	295	276	165	49	28	498	680	9100	7,25
M 39	63	330	276	165	49	28	496	700	10600	9,36
M 42	63	330	320	180	55	40	560	764	12500	13,96
M 45	78	355	322	180	55	40	564	763	14400	19,1
M 48	78	355	322	180	55	40	564	763	16500	19,3



A157

TURNBUCKLE EYE AND EYE - Cast Iron

Size mm	A	B	C	D	E	F	L1	L2	Weight
	mm	mm	mm	mm	mm	mm	mm	mm	Kg
M 5	9	79	56	38	8	4	109	166	0,03
M 6	9	88	65	39	10	4	119	186	0,05
M 8	12	110	75	47	11	5	154	230	0,09
M 10	15	126	90	58	14	7	179	273	0,16
M 12	17	137	100	67	16	7	187	289	0,24
M 14	19	168	117	78	18	9	241	361	0,4
M 16	22	188	133	94	22	9	258	388	0,6
M 18	25	200	145	98	23	11	275	424	0,85
M 20	25	217	152	98	24	12	292	445	1,06
M 22	30	237	181	112	28	13	370	535	1,59
M 24	37	252	187	118	30	14	352	525	1,99

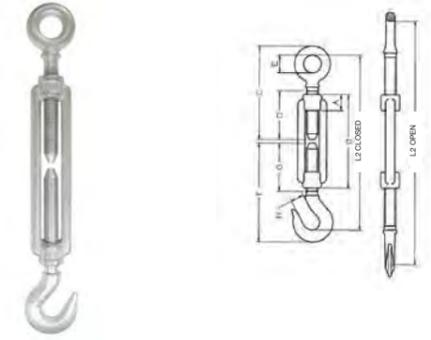


CARFER

A010

TURNBUCKLE EYE AND HOOK - Steel Fe 430B

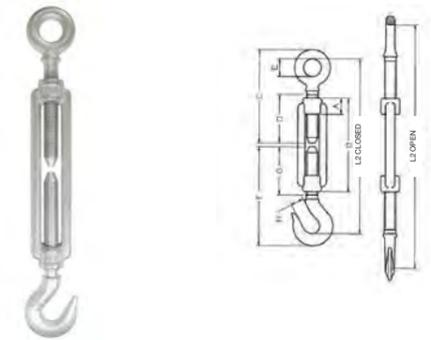
Size mm	A	B	C	D	E	F	G	H	L1	L2	S.W.L.	Weight
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Kg	Kg
M 5	9	79	59	40	8	62	40	6	110	172	50	0,05
M 6	10	88	74	50	10	76	50	8,5	140	208	75	0,06
M 8	12	110	80	52	11	89	52	10	155	240	165	0,12
M 10	15	130	97	60	14	103	62	12	184	284	235	0,24
M 12	18	140	106	67	17	121	65	16	208	312	320	0,38
M 14	20	170	126	83	18	144	82	16	247	377	420	0,56
M 16	22,5	190	160	97	23	172	105	16,5	302	450	530	0,94
M 18	27	200	178	112	25	183	110	17	329	475	630	1,35
M 20	30	220	190	116	25	185	110	17,5	340	500	730	1,48
M 22	36	220	200	120	30	216	125	23	379	527	1120	2,13
M 24	39	255	210	125	34	225	125	23	390	568	1550	2,84
M 27	45	255	236	150	34	250	146	29	437	602	1870	3,89
M 30	45	255	242	150	39	250	140	30	439	604	2240	4,15
M 33	45	255	242	150	39	250	140	30	440	606	2850	5,88
M 36	55	295	276	165	49	288	170	30	497	682	3530	7,53
M 39	63	330	276	165	49	288	170	30	505	709	4150	9,82



A158

TURNBUCKLE EYE AND HOOK - Cast Iron

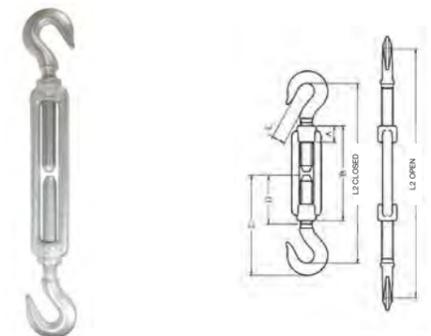
Size mm	A	B	C	D	E	F	G	H	L1	L2	Weight
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Kg
M 5	9	79	56	38	8	60	37	6	109	167	0,03
M 6	9	88	65	39	10	68	39	9	122	190	0,05
M 8	12	110	75	47	11	88	52	11	155	232	0,1
M 10	15	126	90	58	14	101	60	12	181	275	0,17
M 12	17	137	100	67	16	111	61	15	195	291	0,27
M 14	19	168	117	78	18	131	75	16	236	354	0,44
M 16	22	188	133	94	22	153	88	17	266	404	0,66
M 18	25	200	145	98	23	173	97	19	297	437	0,94
M 20	25	217	152	98	24	180	98	20	310	464	1,17
M 22	30	237	181	112	28	192	110	23	343	515	1,72
M 24	37	252	187	118	30	192	110	24	358	520	2,14



A011

TURNBUCKLE HOOK AND HOOK - Steel Fe 430B

Size mm	A	B	C	D	E	L1	L2	S.W.L.	Weight
	mm	mm	mm	mm	mm	mm	mm	Kg	Kg
M 5	9	79	62	40	6	112	173	50	0,05
M 6	10	88	76	50	8,5	140	208	75	0,07
M 8	12	110	89	52	10	160	246	165	0,12
M 10	15	130	103	62	12	188	288	235	0,27
M 12	18	140	121	65	16	220	324	320	0,42
M 14	20	170	144	82	16	260	390	420	0,62
M 16	22,5	190	172	105	16,5	312	452	530	0,95
M 18	27	200	183	110	17	330	476	630	1,3
M 20	30	220	185	110	17,5	330	490	730	1,54
M 22	33	242	216	125	23	390	566	1120	2,25
M 24	39	255	225	125	23	396	573	1550	2,92
M 27	45	255	250	146	29	440	605	1870	3,87
M 30	45	255	250	140	30	440	605	2240	4,25
M 33	45	255	250	140	30	440	605	2850	6,01
M 36	55	295	288	170	30	498	683	3530	7,81
M 39	63	330	288	170	30	514	718	4150	9,4

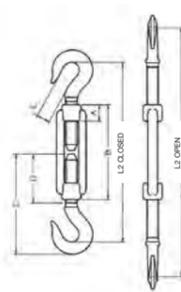


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A159

TURNBUCKLE HOOK AND HOOK - Cast Iron

Size mm	A mm	B mm	C mm	D mm	E mm	L1 mm	L2 mm	Weight Kg
M 5	9	79	60	37	6	109	167	0,03
M 6	9	88	68	39	9	122	190	0,05
M 8	12	110	88	52	11	157	231	0,11
M 10	15	126	101	60	12	181	274	0,18
M 12	17	137	111	61	15	195	290	0,29
M 14	19	168	131	75	16	236	354	0,48
M 16	22	188	153	88	17	266	404	0,72
M 18	25	200	173	97	19	306	443	1,03
M 20	25	217	180	98	20	330	473	1,28
M 22	30	237	192	110	23	345	515	1,85
M 24	37	252	192	110	24	360	524	2,27

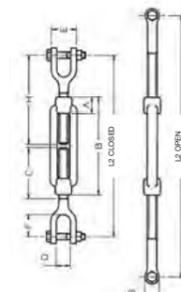


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A160

TURNBUCKLE JAW AND JAW DIN 1480 - Steel Fe 430B

Size mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	L1 mm	L2 mm	Bolt mm	S.W.L. Kg	Weight Kg
M 6	12	110	55	7	19	19	12	87	174	260	5 x 25	230	0,09
M 8	15	110	55	9	23	25	14	95	190	270	6 x 31	300	0,22
M 10	18	125	68	11	26	25	17	111	222	312	8 x 36	470	0,33
M 12	21	125	69	15	32	37	24	122	235	310	10 x 40	690	0,58
M 14	22	140	91	19	37	43	30	155	310	395	12 x 50	940	1,04
M 16	27	170	91	25	41	48	32	166	332	435	12 x 50	1290	1,21
M 18	27	180	91	25	50	48	38	170	337	460	15 x 68	1660	2,02
M 20	34	200	120	25	50	48	40	200	378	510	16 x 60	2130	2,14
M 22	36	220	120	30	61	55	45	230	445	585	20 x 65	2630	3,37
M 24	39	255	130	31	65	66	52	247	494	672	22 x 75	3060	3,77
M 27	45	255	130	28	72	62	48	226	452	617	24 x 95	4000	6,12
M 30	45	255	130	38	92	79	56	257	514	679	27 x 120	4860	7,54
M 33	48	295	150	38	92	85	60	278	556	755	30 x 115	6040	8,94
M 36	55	295	170	60	97	94	76	315	640	830	35 x 135	6500	12,98
M 39	58	330	170	45	85	86	76	297	594	808	33 x 118	7000	16,01



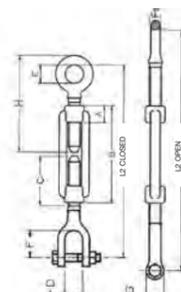
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A202

TURNBUCKLE EYE-JAW DIN 1480 - Steel Fe 430B

Size mm	A mm	B mm	C mm	D mm	E mm	F mm	F1 mm	G mm	H mm	L1 mm	L2 mm	Bolt mm	S.W.L. Kg	Weight Kg
M 8	15	110	55	12	11	25	5,5	17	78	196	274	6x35	300	0,18
M 10	18	125	68	13	14	28	6	20	92	217	285	8x36	470	0,28
M 12	21	125	69	15	17	37	8,5	24	115	236	322	10x45	690	0,48
M 14	22	140	91	19	18	43	9,5	30	122	275	360	12x50	940	0,66
M 16	27	160	91	20	22	45	11	32	144	305	420	12x50	1290	1,21
M 20	34	200	120	25	24	48	13	40	166	354	487	16x65	2130	1,8
M 22	36	220	120	30	29	55	16	45	175	400	530	20x78	2630	2,69
M 24	39	255	130	31	29	66	16,5	52	211	460	615	22x87	3060	3,21



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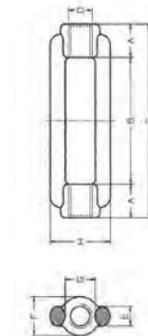
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A014

BODY FOR TURNBUCKLE - Steel Fe 430B

Size mm	A mm	B mm	C mm	E mm	F mm	G mm	H mm	S.W.L. Kg	Weight Kg
M 5	9	60	79	5	9	7	16,5	140	0,03
M 6	10	68	88	6	10	7,5	17,5	225	0,03
M 8	12	86	110	7	14	9,5	22	410	0,06
M 10	15	100	130	8	16	12	27	650	0,11
M 12	18	104	140	10	20	14	30	930	0,16
M 14	20	130	170	11	22	18	36	1330	0,24
M 16	22,5	145	190	13	25	20	40	1770	0,37
M 18	27	146	200	15	30	22	45	2200	0,66
M 20	30	160	220	16	32	24	49	2700	0,66
M 22	33	176	242	18	37	29	55	3300	0,97
M 24	39	177	255	20	39	30	60	3920	1,23
M 27	43	214	300	23	45	32	70	4950	1,85
M 30	45	165	255	23	45	34	74	6250	1,85
M 33	48	204	300	28	52	36	80	7560	2,96
M 36	55	185	295	28	55	40	86	9100	3,15
M 39	58	194	310	32	61	43	94	10600	4,04
M 42	63	204	330	32	63	50	104	12500	6,5
M 45	78	199	355	40	80	65	135	14400	9,1
M 48	78	199	355	40	80	65	135	16500	9,1
M 52	78	199	355	40	80	65	135	18100	9,1
M 56	78	199	355	40	80	65	135	23000	9,1

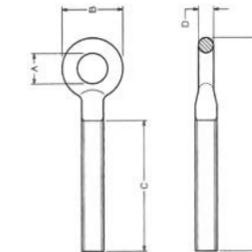


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A015

EYE SCREW FOR PLUGS - Steel Fe 430B

Size mm	A mm	B mm	C mm	D mm	L mm	S.W.L. Kg	Weight Kg
M 5	8	16	50	4	69	140	0,011
M 6	10	18	55	4	79	225	0,016
M 8	11	21	60	5	88	410	0,035
M 10	14	27	73	6,5	110	650	0,06
M 12	17	33	90	8	129	930	0,11

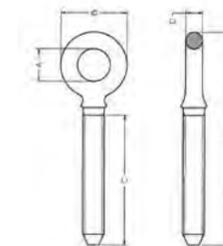


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A016

EYE FOR TURNBUCKLE - Steel Fe 430B

Size mm	A mm	B mm	C mm	D mm	L mm	S.W.L. Kg	Weight Kg
M 5	8	16	40	4	59	140	0,01
M 6	10	18	50	4	74	225	0,01
M 8	11	21	52	5	80	410	0,03
M 10	14	27	60	6,5	97	650	0,05
M 12	17	33	67	8	106	930	0,09
M 14	18	35	83	8,5	126	1330	0,13
M 16	23	49	97	13	160	1770	0,28
M 18	25	53	112	14	178	2200	0,36
M 20	25	53	116	14	190	2700	0,38
M 22	30	62	120	16	200	3300	0,57
M 24	34	68	125	17	210	3920	0,71
M 27	34	71	150	18,5	236	4950	1,05
M 30	39	81	150	21	242	6250	1,1
M 33	39	81	150	21	242	7560	1,3
M 36	49	105	150	28	276	9100	2,05
M 39	49	105	165	28	276	10600	2,38
M 42	55	135	180	40	320	12500	4,8
M 45	55	135	180	40	322	14400	5,05
M 48	55	135	180	40	322	16500	5,2
M 50	55	135	180	40	322	18100	5,87



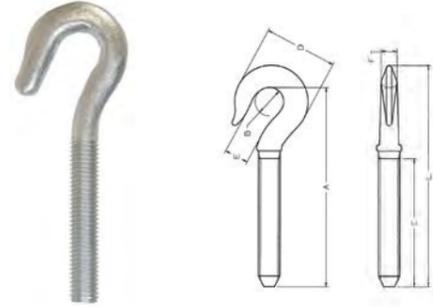
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A017

HOOK FOR TURNBUCKLE - Steel Fe 430B

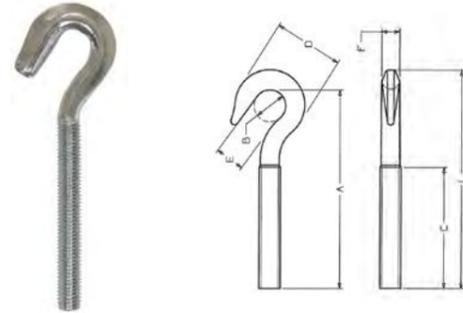
Size mm	A mm	B mm	C mm	D mm	E mm	F mm	L mm	S.W.L. Kg	Weight Kg
M 5	56	7,5	40	17,5	6	4	62	50	0,01
M 6	70	10	50	23	8	5	76	75	0,01
M 8	80	11	52	29	10	6	89	165	0,03
M 10	94	14	62	35	13	8	103	235	0,06
M 12	110	17	65	47	17	10	121	320	0,13
M 14	130	17	82	48	14	11,5	144	420	0,19
M 16	152	19,5	100	55	16,5	14	168	530	0,29
M 18	165	19	110	61	17	14	183	630	0,35
M 20	165	23	110	64	17	15	185	730	0,44
M 22	195	27	125	71	22	17	216	1120	0,64
M 24	198	27	125	77	23	18	225	1550	0,79
M 27	220	32	146	90	29	20	250	1870	1,03
M 30	220	34	140	93	30	20	250	2240	1,2
M 33	220	34	140	93	30	21	250	2850	1,43
M 36	253	36	170	108	30	32	288	3530	2,33
M 39	257	36	170	108	30	32	288	4150	2,4



A018

HOOK FOR PLUGS - Steel Fe 430B

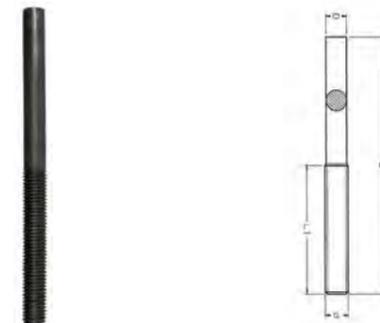
Size mm	A mm	B mm	C mm	D mm	E mm	F mm	L mm	S.W.L. Kg	Weight Kg
M 5	64	8	48	16,5	6	4	70	50	0,012
M 6	75	10	55	21	8,5	5	81	75	0,018
M 8	88	11	60	27	10	6	97	165	0,035
M 10	105	14	73	33	12	8	114	235	0,07
M 12	135	17	90	42	16	10	146	320	0,13



A019

TURNBUCKLE STUBEND - Steel Fe 430B

Size mm	D mm	L mm	L1 mm	Weight Kg
M 5	4,35	75	35	0,02
M 6	5,35	120	60	0,02
M 8	7,05	120	65	0,04
M 10	8,8	150	75	0,08
M 11	9,8	150	75	0,1
M 12	10,7	150	75	0,12
M 14	12,7	180	90	0,18
M 16	14,5	200	100	0,29
M 18	16,3	220	120	0,4
M 20	18,7	220	120	0,48
M 22	21,7	240	130	0,73
M 24	22,5	260	150	0,8
M 27	24,8	260	160	1,17
M 30	27,5	260	175	1,3
M 33	30,7	300	190	1,71
M 36	33,1	300	190	2,01
M 39	39	350	210	2,86
M 42	42	350	210	3,41
M 45	45	350	210	3,95
M 48	48	380	220	4,84
M 50	50	380	220	5
M 52	52	380	220	5,1
M 56	56	410	240	5,8

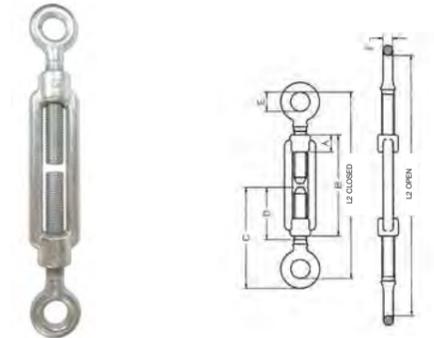


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A161

TURNBUCKLE EYE AND EYE DIN 1480 - Steel Fe 430B

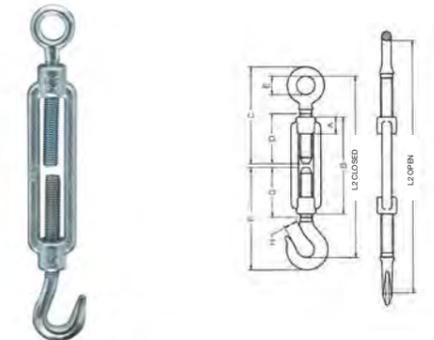
Size mm	A mm	B mm	C mm	D mm	E mm	F mm	L1 mm	L2 mm	S.W.L. Kg	Weight Kg
M 6	12	110	74	50	10	4	140	226	225	0,08
M 8	15	110	80	52	11	5	150	230	410	0,14
M 10	18	125	97	60	14	6,5	181	270	650	0,25
M 12	21	125	106	67	17	8	194	279	930	0,37
M 14	24	140	126	83	18	8,5	235	332	1330	0,51
M 16	27	170	160	97	23	13	294	410	1770	0,95
M 20	34	200	190	116	25	14	352	484	2700	1,48
M 22	36	220	200	120	30	16	368	516	3300	2,06
M 24	39	255	210	125	34	17	386	563	3920	2,76
M 27	45	255	236	150	34	18,5	435	600	4950	3,91
M 30	45	255	242	150	39	21	441	603	6250	4,05
M 33	55	295	242	150	39	21	442	627	7560	5,75
M 36	55	295	276	165	49	28	498	681	9100	7,25
M 39	63	330	276	165	49	28	496	700	10600	9,36
M 42	63	330	320	180	55	40	560	764	12500	14
M 45	78	355	322	180	55	40	564	763	14400	19,1
M 48	78	355	322	180	55	40	564	763	16500	19,3
M 52	78	355	322	180	60	40	564	763	19800	19,3



A162

TURNBUCKLE EYE AND HOOK DIN 1480 - Steel Fe 430B

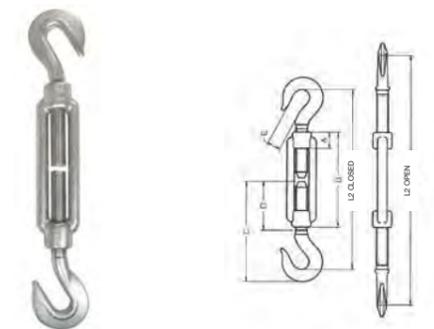
Size mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	L1 mm	L2 mm	S.W.L. Kg	Weight Kg
M 6	12	110	74	50	10	76	50	8	140	226	75	0,09
M 8	15	110	80	52	11	89	52	10	155	235	165	0,14
M 10	18	125	97	60	14	103	62	13	185	273	235	0,28
M 12	21	125	106	67	17	121	65	17	208	290	320	0,41
M 14	24	140	126	83	18	144	82	14	248	344	420	0,57
M 16	27	170	160	97	23	168	100	16,5	303	419	530	0,96
M 20	34	200	190	116	25	185	110	17	341	473	730	1,54
M 22	36	220	200	120	30	216	125	22	379	527	1120	2,13
M 24	39	255	210	125	34	225	125	23	391	568	1550	2,84
M 27	45	255	236	150	34	250	146	29	437	602	1870	3,89
M 30	45	255	242	150	39	250	140	30	439	604	2240	4,15
M 33	55	295	242	150	39	250	140	30	441	626	2850	5,88
M 36	55	295	276	165	49	288	170	30	497	682	3530	7,53
M 39	63	330	276	165	49	288	170	30	505	709	4150	9,38



A163

TURNBUCKLE HOOK AND HOOK DIN 1480 - Steel Fe 430B

Size mm	A mm	B mm	C mm	D mm	E mm	L1 mm	L2 mm	S.W.L. Kg	Weight Kg
M 6	12	110	76	50	8	140	226	75	0,1
M 8	15	110	89	52	10	160	240	165	0,14
M 10	18	125	103	62	13	188	277	235	0,31
M 12	21	125	121	65	17	220	303	320	0,45
M 14	24	140	144	82	14	260	357	420	0,63
M 16	27	170	168	100	16,5	308	428	530	0,97
M 20	34	200	185	110	17	330	462	730	1,6
M 22	36	220	216	125	22	390	538	1120	2,2
M 24	39	255	225	125	23	396	573	1550	2,92
M 27	45	255	250	146	29	440	605	1870	3,87
M 30	45	255	250	140	30	440	605	2240	4,25
M 33	55	295	250	140	30	440	625	2850	6,01
M 36	55	295	288	170	30	498	683	3530	7,81
M 39	63	330	288	170	30	598	760	4150	9,4

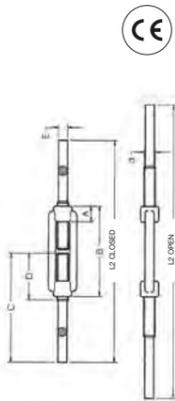


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A171

TURNBUCKLE WITH STUBENDS DIN 1480 - Steel Fe 430B

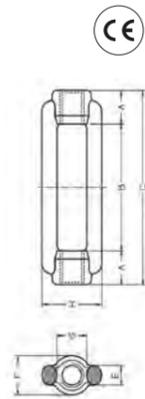
Size mm	A mm	B mm	C mm	D mm	E mm	L1 mm	L2 mm	S.W.L. Kg	Weight Kg
M 6	12	110	120	60	5,35	240	338	225	0,1
M 8	15	110	120	65	7,05	240	338	410	0,16
M 10	18	125	150	75	8,8	300	407	650	0,31
M 12	21	125	150	75	10,7	300	407	930	0,43
M 14	24	140	180	90	12,7	360	477	1320	0,61
M 16	27	170	200	100	14,5	400	543	1770	0,97
M 20	34	200	220	120	18,7	440	606	2700	1,7
M 22	36	220	240	130	21,7	480	664	3300	2,38
M 24	39	255	260	150	22,5	520	736	3920	2,94
M 27	45	255	260	160	24,8	520	736	4950	4,15
M 30	45	255	260	175	27,5	520	736	6250	4,45
M 33	55	295	300	190	30,7	600	810	7560	6,57
M 36	55	295	300	190	33,1	600	840	9100	7,17
M 39	63	330	350	210	39	700	967	10600	10,32
M 42	63	330	350	210	42	700	967	12500	11,18
M 45	78	355	350	210	45	700	977	14400	16,9
M 48	78	355	380	220	48	760	1037	16500	18,58
M 52	78	355	380	220	52	760	1037	19800	18,46
M 56	78	355	410	240	56	820	1097	23000	19,06



A172

BODY FOR TURNBUCKLE DIN 1480 - Steel Fe 430B

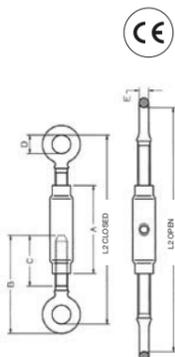
Size mm	A mm	B mm	C mm	E mm	F mm	G mm	H mm	S.W.L. Kg	Weight Kg
M 6	12	86	110	6	12	9	19	225	0,06
M 8	15	80	110	8	15	11	23	410	0,08
M 10	18	89	125	9	18	14	30	650	0,15
M 12	21	83	125	11	21	16	34	930	0,19
M 14	24	97	140	12	24	18	38	1330	0,25
M 16	27	116	170	14	27	20	42	1770	0,39
M 18	27	116	170	14	27	20	42	2200	0,39
M 20	34	132	200	17	34	24	52	2700	0,72
M 22	36	148	220	19	37	26	56	3300	0,92
M 24	39	177	255	20	39	28	60	3920	1,34
M 27	45	165	255	23	45	34	74	4950	1,81
M 30	45	165	255	23	45	34	74	6250	1,85
M 33	45	165	255	23	45	34	74	7560	1,85
M 36	55	185	295	28	55	40	86	9100	3,15
M 39	63	204	330	32	63	50	104	10600	4,6
M 42	63	204	330	32	63	50	104	12500	4,5
M 45	78	199	355	40	80	65	135	14400	8,6
M 48	78	199	355	40	80	65	135	16500	8,9
M 52	78	199	355	40	80	65	135	19800	8,26
M 56	78	199	355	40	80	65	135	23000	7,26



A196

TURNBUCKLE EYE AND EYE DIN 1478 - Steel Fe 430B

Size mm	A mm	B mm	C mm	D mm	E mm	L1 mm	L2 mm	S.W.L. Kg	Weight Kg
M 6	110	80	55	9	4	152	240	225	0,12
M 8	110	85	57	10	5	160	248	410	0,15
M 10	125	105	68	14	6,5	196	290	650	0,29
M 12	125	106	67	17	8	196	301	930	0,45
M 16	170	160	97	23	13	294	435	1770	1,07
M 20	200	190	116	25	14	352	520	2700	1,38
M 24	255	210	125	34	17	391	600	3920	2,57
M 30	255	240	150	38	19,5	441	648	6250	2,67
M 36	295	276	160	48	27	498	730	9100	7,26
M 48	355	322	180	55	40	564	840	16500	16,18

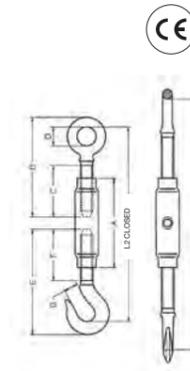


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A197

TURNBUCKLE EYE AND HOOK DIN 1478 - Steel Fe 430B

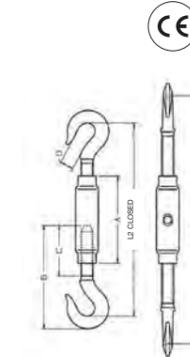
Size mm	A mm	B mm	C mm	D mm	E mm	F mm	G mm	L1 mm	L2 mm	S.W.L. Kg	Weight Kg
M 6	110	74	50	10	76	50	8,5	150	240	75	0,13
M 8	110	80	52	11	89	52	10	161	250	165	0,15
M 10	125	97	60	14	103	62	12	187	293	235	0,32
M 12	125	106	67	17	121	65	16	208	313	320	0,49
M 16	170	160	97	23	172	105	16,5	299	440	530	1,08
M 20	200	190	116	25	185	110	17,5	341	509	730	1,44
M 24	255	210	125	34	225	135	23	393	605	1550	2,65
M 30	255	240	150	38	250	145	29	440	647	2240	3,87
M 36	295	276	160	48	284	170	30	502	735	3530	7,54



A208

TURNBUCKLE HOOK AND HOOK DIN 1478 - Steel Fe 430B

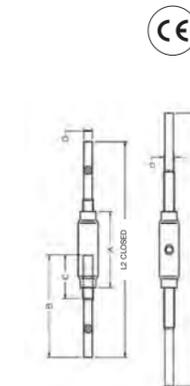
Size mm	A mm	B mm	C mm	D mm	L1 mm	L2 mm	S.W.L. Kg	Weight Kg
M 6	110	76	50	8,5	150	240	75	0,14
M 8	110	89	52	10	166	255	165	0,15
M 10	125	103	62	12	189	297	235	0,35
M 12	125	121	65	16	220	325	320	0,53
M 16	170	172	105	16,5	304	445	530	1,09
M 20	200	185	110	17,5	330	498	730	1,5
M 24	255	225	135	23	396	610	1550	2,73
M 30	255	250	145	29	440	647	2240	3,97
M 36	295	284	170	30	506	740	3530	7,82



A199

TURNBUCKLE WITH STUBENDS DIN 1478 - Steel Fe 430B

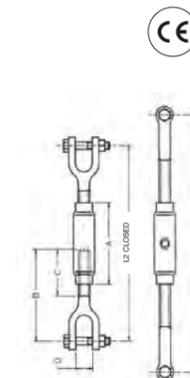
Size mm	A mm	B mm	C mm	D mm	L1 mm	L2 mm	S.W.L. Kg	Weight Kg
M 6	110	120	60	5,35	240	340	225	0,14
M 8	110	120	65	7,05	240	340	410	0,17
M 10	125	150	75	8,8	300	410	650	0,35
M 12	125	150	75	10,7	300	410	930	0,51
M 16	170	200	100	14,5	411	530	1770	1,09
M 20	200	220	120	18	452	592	2700	1,6
M 24	255	260	150	22	532	717	3920	2,75
M 30	255	260	175	27,5	520	740	6250	4,17
M 36	295	300	190	33,1	600	850	9100	7,18
M 42	330	350	210	42	700	980	12500	11,15
M 48	355	380	220	48	760	1060	16500	15,46



A198

TURNBUCKLE JAW AND JAW DIN 1478 - Steel Fe 430B

Size mm	A mm	B mm	C mm	D mm	L1 mm	L2 mm	Bolt	S.W.L. Kg	Weight Kg
M 6	110	87	55	7	180	269	M 5X25	230	0,15
M 8	110	95	55	9	198	280	M 6X31	300	0,26
M 10	125	112	68	10	231	324	M 8X36	470	0,45
M 12	125	121	68	13	252	337	M 10X45	690	0,66
M 16	170	150	88	18	311	430	M 12X58	1290	1,51
M 20	200	182	105	20	374	516	M 16X71	2130	2,93
M 24	255	226	130	30	464	649	M 22X97	3060	5
M 30	255	252	140	36	504	711	M 24X85	4860	9,97
M 36	295	300	170	45	600	835	M 30X115	6500	14,8

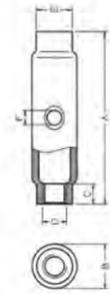


A195

BODY FOR TURNBUCKLE DIN 1478 - Steel Fe 430B



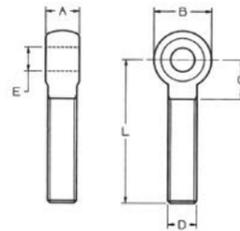
Size mm	A mm	B mm	C mm	E mm	F mm	S.W.L. Kg	Weight Kg
M 6	110	17,2	7,5	9	6	225	0,1
M 8	110	17,2	10	12	8	410	0,09
M 10	125	21,3	12	15	8	650	0,19
M 12	125	25	15	18	10	930	0,27
M 16	170	30	20	24	10	1770	0,51
M 20	200	33,7	24	30	12	2700	0,62
M 24	255	42,4	29	33	12	3920	1,15
M 30	255	51	36	41	16	6250	1,57
M 36	295	63,5	43	50	16	9100	3,16
M 42	330	70	51	60	20	12500	4,33
M 48	355	82,5	58	72	20	16500	5,78



A060

EYE TIE-ROD UNI 6058 - Acciaio CL.4.6

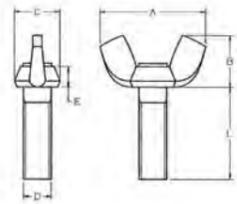
Size mm	A mm	B mm	C mm	D mm	E mm	L mm	Weight Kg
M 6 x 30	7	12	8,5	6	5	30	0,01
M 6 x 40	7	12	8,5	6	5	40	0,01
M 6 x 50	7	12	8,5	6	5	50	0,01
M 8 x 40	9	16	11,1	8	6	40	0,02
M 8 x 50	9	16	11,1	8	6	50	0,02
M 8 x 60	9	16	11,1	8	6	60	0,02
M 10 x 40	12	20	13,8	10	8	40	0,03
M 10 x 50	12	20	13,8	10	8	50	0,04
M 10 x 60	12	20	13,8	10	8	60	0,04
M 10 x 70	12	20	13,8	10	8	70	0,05
M 10 x 80	12	20	13,8	10	8	80	0,05
M 12 x 50	14	24	16,4	12	10	50	0,06
M 12 x 60	14	24	16,4	12	10	60	0,07
M 12 x 70	14	24	16,4	12	10	70	0,08
M 12 x 80	14	24	16,4	12	10	80	0,09
M 12 x 90	14	24	16,4	12	10	90	0,1
M 14 x 60	16	28	19	14	12	60	0,1
M 14 x 70	16	28	19	14	12	70	0,11
M 14 x 80	16	28	19	14	12	80	0,12
M 14 x 90	16	28	19	14	12	90	0,13
M 14 x 100	16	28	19	14	12	100	0,14
M 14 x 120	16	28	19	14	12	120	0,16
M 16 x 70	18	32	21	16	14	70	0,15
M 16 x 80	18	32	21	16	14	80	0,17
M 16 x 90	18	32	21	16	14	90	0,17
M 16 x 100	18	32	21	16	14	100	0,2
M 16 x 120	18	32	21	16	14	120	0,22
M 16 x 140	18	32	21	16	14	140	0,24
M 18 x 150	20	36	24,2	18	16	150	0,33
M 20 x 80	22	40	26,2	20	18	80	0,28
M 20 x 90	22	40	26,2	20	18	90	0,3
M 20 x 100	22	40	26,2	20	18	100	0,32
M 20 x 120	22	40	26,2	20	18	120	0,36
M 20 x 140	22	40	26,2	20	18	140	0,4
M 20 x 160	22	40	26,2	20	18	160	0,44
M 22 x 180	24	44	28,2	22	18	180	0,6
M 24 x 200	26	48	31,5	24	20	200	0,79
M 27 x 220	30	54	34,5	27	22	220	1,14
M 30 x 230	33	60	38,8	30	25	230	1,42



A062

WING-SCREW AMERICAN FORM UNI 5449-71 - Steel Fe 430B

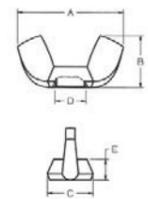
Size mm	A mm	B mm	C mm	E mm	Weight Kg
M 3 x 10	17,6	8,6	8	2,9	0,0026
M 3 x 15	17,6	8,6	8	2,9	0,0028
M 3 x 20	17,6	8,6	8	2,9	0,003
M 3 x 25	17,6	8,6	8	2,9	0,0032
M 3 x 30	17,6	8,6	8	2,9	0,0034
M 4 x 10	17,6	8,6	8	2,9	0,003
M 4 x 15	17,6	8,6	8	2,9	0,0032
M 4 x 20	17,6	8,6	8	2,9	0,0036
M 4 x 25	17,6	8,6	8	2,9	0,004
M 4 x 30	17,6	8,6	8	2,9	0,0043
M 5 x 10	22,5	11	10,3	4,1	0,0052
M 5 x 15	22,5	11	10,3	4,1	0,0056
M 5 x 20	22,5	11	10,3	4,1	0,006
M 5 x 25	22,5	11	10,3	4,1	0,0067
M 5 x 30	22,5	11	10,3	4,1	0,0074
M 5 x 35	22,5	11	10,3	4,1	0,008
M 6 x 10	27,8	13,6	12,7	5,1	0,0096
M 6 x 15	27,8	13,6	12,7	5,1	0,0104
M 6 x 20	27,8	13,6	12,7	5,1	0,011
M 6 x 25	27,8	13,6	12,7	5,1	0,0116
M 6 x 30	27,8	13,6	12,7	5,1	0,0123
M 6 x 35	27,8	13,6	12,7	5,1	0,0132
M 6 x 40	27,8	13,6	12,7	5,1	0,0141
M 6 x 45	27,8	13,6	12,7	5,1	0,015
M 6 x 50	27,8	13,6	12,7	5,1	0,0161
M 8 x 15	30,3	14,8	13,8	5,6	0,0143
M 8 x 20	30,3	14,8	13,8	5,6	0,016
M 8 x 25	30,3	14,8	13,8	5,6	0,0177
M 8 x 30	30,3	14,8	13,8	5,6	0,0195
M 8 x 35	30,3	14,8	13,8	5,6	0,0207
M 8 x 40	30,3	14,8	13,8	5,6	0,022
M 8 x 45	30,3	14,8	13,8	5,6	0,0236
M 8 x 50	30,3	14,8	13,8	5,6	0,025
M 10 x 20	36,2	17,7	16,5	6,8	0,0282
M 10 x 25	36,2	17,7	16,5	6,8	0,0297
M 10 x 30	36,2	17,7	16,5	6,8	0,0322
M 10 x 35	36,2	17,7	16,5	6,8	0,0342
M 10 x 40	36,2	17,7	16,5	6,8	0,0358
M 10 x 45	36,2	17,7	16,5	6,8	0,0377
M 10 x 50	36,2	17,7	16,5	6,8	0,0402
M 10 x 55	36,2	17,7	16,5	6,8	0,0434
M 10 x 60	36,2	17,7	16,5	6,8	0,047
M 12 x 25	49,4	24,1	22,5	9	0,0573
M 12 x 30	49,4	24,1	22,5	9	0,0595
M 12 x 35	49,4	24,1	22,5	9	0,0628
M 12 x 40	49,4	24,1	22,5	9	0,067
M 12 x 45	49,4	24,1	22,5	9	0,071
M 12 x 50	49,4	24,1	22,5	9	0,0755
M 12 x 55	49,4	24,1	22,5	9	0,0782
M 12 x 60	49,4	24,1	22,5	9	0,0825



A063

WING-NUT AMERICAN FORM UNI 5448-71 - Steel Fe 430B

Size mm	A mm	B mm	C mm	E mm	Weight Kg
M 3	17,6	8,6	8	2,9	0,0018
M 4	17,6	8,6	8	2,9	0,0017
M 5	22,5	11	10,3	4,1	0,003
M 6	27,8	13,6	12,7	5,1	0,0057
M 8	30,3	14,8	13,8	5,6	0,0075
M 10	36,2	17,7	16,5	6,8	0,012
M 12	49,4	24,1	22,5	9	0,0272
M 14	58,3	28,5	26,6	10,7	0,062
M 16	58,3	28,5	26,6	10,7	0,0595
M 18	68,5	33,8	29,5	13,5	0,0767
M 20	68,5	33,8	29,5	13,5	0,0762

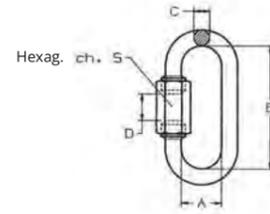


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A064

QUICK LINK - Steel Fe 360B

Size mm	A mm	B mm	C mm	D mm	ch."S" mm	Weight Kg
3,5	10	30	3,5	4	7	0,01
4	12	33	4	5	8	0,01
5	13	40	5	6,5	9	0,02
6	15	46	6	9	11	0,03
7	16	52	7	9	12,5	0,06
8	17,5	58	8	9,5	14	0,07
9	19	62	9	10	15	0,11
10	20,5	69	10	13	17	0,15
12	23,5	80,5	12	14,5	19	0,23
14	27	97	14	16	22	0,35
16	29,5	113	16	21	24	0,45

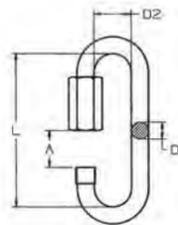


△*

A065

LONG QUICK LINK - Steel Fe 360B

Size mm	A mm	D1 mm	D2 mm	L mm	Weight Kg
4	11,5	4	11,5	45	0,015
5	13	5	13	52	0,025
6	14,5	6	14,5	58,5	0,042
7	16	7	16	65	0,06
8	17,5	8	17,5	72	0,09

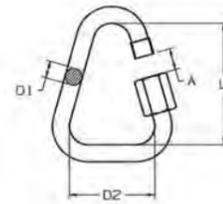


△*

A066

TRIANGULAR QUICK LINK - Steel Fe 360B

Size mm	A mm	D1 mm	D2 mm	L mm	Weight Kg
4	5,5	4	27,5	32	0,014
6	7,5	6	35	44	0,039
8	10	8	40	57	0,086
10	12	10	46	67	0,152
12	15	12	51	80	0,256



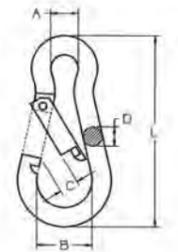
△*

CARFER

A068

SNAP HOOK - Steel Fe 360B

Size mm	A mm	B mm	C mm	D mm	L mm	S.W.L. Kg	Weight Kg
4 x 40	7	14	6	4	40	20	0,007
5 x 50	8	15	7	5	50	30	0,015
6 x 60	9	17	8	6	60	40	0,02
7 x 70	10	19	8	7	70	60	0,04
8 x 80	12	23	10	8	80	75	0,06
9 x 90	12	24	10	9	90	100	0,09
10 x 100	15	29	11	10	100	120	0,11
11 x 120	18	36	16	11	120	140	0,19
12 x 140	20	40	19	12	140	140	0,2
13 x 160	22	54	23	13	160	200	0,36

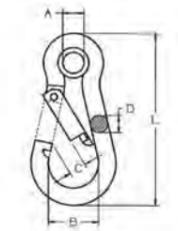


△*

A069

SNAP HOOK WITH RING - Steel Fe 360B

Size mm	A mm	B mm	C mm	D mm	L mm	S.W.L. Kg	Weight Kg
4 x 40	6	14	6,5	4,5	40	20	0,01
5 x 50	7	16	7	5	50	30	0,02
6 x 60	8	18	8	6	60	40	0,03
7 x 70	8	22	8	7	70	60	0,04
8 x 80	9,5	23	9	8	80	75	0,07
9 x 90	11,5	26	9	9	90	100	0,09
10 x 100	12,5	30	12	10	100	120	0,13
11 x 120	12,5	36	18	11	120	140	0,19
12 x 140	15	40	19	12	140	140	0,21
13 x 160	19	50	30	13	160	200	0,37

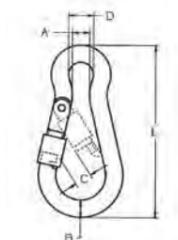


△*

A070

SNAP HOOK WITH SAFETY SCREW - Steel Fe 360B

Size mm	A mm	B mm	C mm	D mm	L mm	S.W.L. Kg	Weight Kg
60 x 6	7	6	6	10	60	40	0,028
70 x 7	8	7	7	11	70	60	0,043
80 x 8	9	8	8	13	80	75	0,066
90 x 9	10	9	8	13	90	100	0,092
100 x 10	11	10	10	16	100	120	0,129
120 x 11	12	11	15	19	120	140	0,186
140 x 12	14	12	17	20	140	140	0,256
160 x 13	16	13	25	22	160	200	0,354



△*

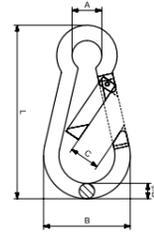
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A601

COLOURED ALUMINIUM SNAP HOOK - Aluminium

Available colors:
Red / Green / Blue / Gold / Black

Size mm	A mm	B mm	C mm	D mm	L mm	Weight Kg
5x50	7,5	25	11	4,4	50	0,004
6x60	10	30	12	5,2	61	0,008
7x70	12	35	15	6,2	70	0,013
8x80	12,5	38	17	7,2	80	0,019
10x100	15	63	23	8,6	100	0,046

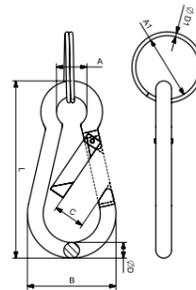


A602

COLOURED ALUMINIUM SNAP HOOK WITH RING - Aluminium

Available colors:
Red / Green / Blue / Gold / Black

Size mm	A mm	B mm	C mm	D mm	L mm	D1 mm	A1 mm	Weight Kg
5x50	7,5	25	11	4,4	50	1,5	25	0,006
6x60	10	30	12	5,2	61	1,5	25	0,009
7x70	12	35	15	6,2	70	1,5	25	0,014
8x80	12,5	38	17	7,2	80	1,5	25	0,021
10x100	15	63	23	8,6	100	1,5	25	0,05

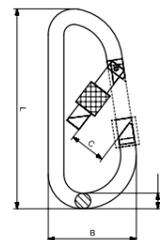


A603

COLOURED ALUMINIUM SNAP HOOK WITH SAFETY - Aluminium

Available colors:
Red / Green / Blue / Gold / Black

Size mm	B mm	C mm	D mm	L mm	Weight Kg
5x50	26	13	4,4	48	0,005
6x60	30	14	5,2	58	0,008
7x70	35	17	6,2	67	0,015
8x80	42	19	7,2	77	0,025
10x100	55	25	8,6	99	0,034



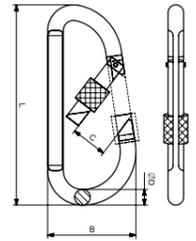
CARFER

A604

COLOURED FLAT ALUMINIUM SNAP HOOK WITH SAFETY - Aluminium

Available colors:
Red / Green / Blue / Gold / Black

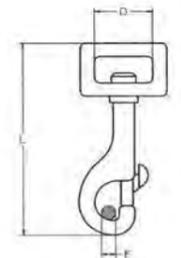
Size mm	B mm	C mm	D mm	L mm	Weight Kg
5x50	26,5	13	4,4	49	0,006
6x60	31	14	5,2	59	0,009
7x70	37	17	6,2	68	0,016
8x80	43	19	7,2	78	0,027
10x100	58	25	8,6	101	0,049



A071

SNAP HOOK - Casting steel

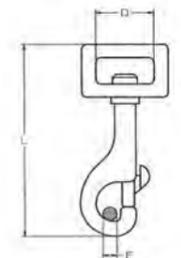
Size mm	D mm	L mm	F mm	Weight Kg
24	26	72	8	0,039
24	26	78	8	0,046



A072

SNAP HOOK - Casting steel

Size mm	D mm	L mm	F mm	Weight Kg
17	17	70	8	0,028
20	20	74	8	0,032
20	20	80	8	0,039
22	22	74	8	0,036
22	22	80	8	0,043

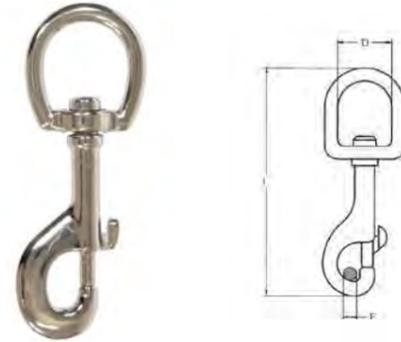


CARFER

A073

SNAP HOOK WITH ROUND EYE - Casting steel

Size mm	D mm	L mm	F mm	Weight Kg
13	13	73	8	0,028
13	13	79	8	0,035
16	16	78	8	0,03
16	16	84	8	0,037
20	20	82	8	0,032
20	20	88	8	0,039
22	22	84	8	0,036
22	22	90	8	0,043
25	25	87	8	0,042
25	25	93	8	0,049



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A074

SIMPLEX HOOK - Steel

Size mm	F mm	D1 mm	D1 mm	L mm	Weight Kg
25	3	6	8	25/50	0,005
30	4,5	6	8	30/50	0,005
40	5,5	7	10	40/67	0,009
50	6,5	9	11	50/83	0,014
60	7,5	10	13	60/97	0,023
70	9	11	17	70/115	0,031
80	10	12	17	80/123	0,05
90	11	14	18	90/105	0,08
100	11	14	19	100/146	0,086
120	11	16	22	120/170	0,083

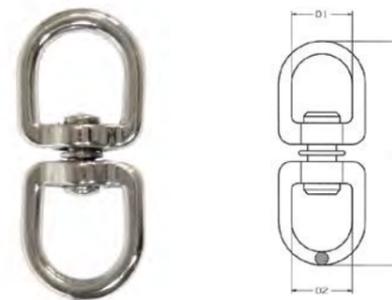


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A095

SWIVEL - Cast iron

Size mm	D1 mm	D2 mm	L mm
13 x 13	13	13	50
16 x 16	16	16	60
20 x 20	20	20	65
22 x 22	22	22	70
25 x 25	25	25	78



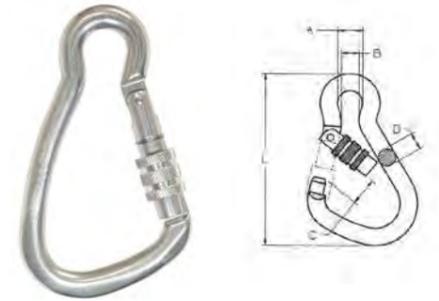
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CARFER

A076K

SNAP HOOK WITH SAFETY SCREW - Aluminium 7075

Size mm	A mm	B mm	C mm	D mm	L mm	Breaking Load kN	Weight Kg
100	13	10	17	10	100	17 kN	0,05
120	18	15	23	11	125	22 kN	0,08

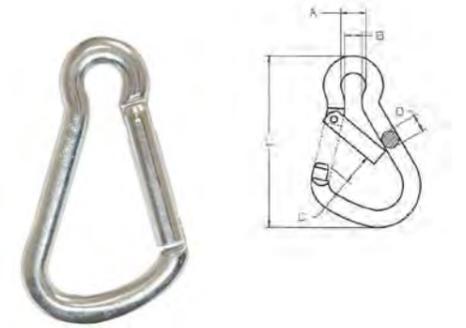


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A079K

SNAP HOOK - Steel

Size mm	A mm	B mm	C mm	D mm	L mm	Breaking Load kN	Weight Kg
50	7,5	5	9	5	52	SWL 150 Kg	0,02
60	8	5,5	12	6	65	SWL 150 Kg	0,03
80	12	9	18	8	85	9 kN	0,07
100	13	10	19	10	100	17 kN	0,14
120	18	15	26	11	125	22 kN	0,2

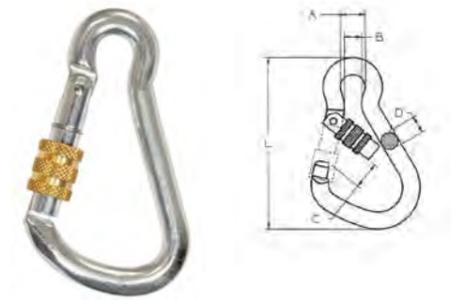


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A080K

SNAP HOOK - Steel

Size mm	A mm	B mm	C mm	D mm	L mm	Breaking Load kN	Weight Kg
80	12	9	17	8	85	9	0,079
100	13	10	17	10	100	17	0,149
120	18	15	23	11	125	22	0,217



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CARFER

A082K

SNAP HOOK WITH RING - Steel

Size mm	A mm	C mm	D mm	L mm	Breaking Load kN	Weight Kg
80	10	17	8	85	9	0,08
100	11,5	17	10	100	17	0,15
120	15	23	11	125	22	0,22

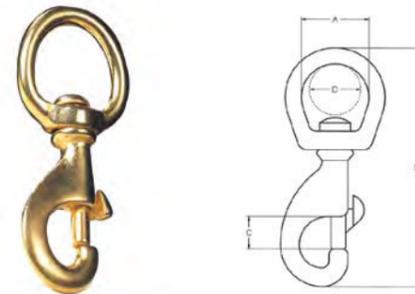


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A089

SWIVEL SNAP HOOK - Steel brass coated

Size (D) mm	A mm	B mm	C mm	Weight Kg
11	11	74	6,5	0,028
19	25	90	12	0,068
22,5	29	113	14	0,073

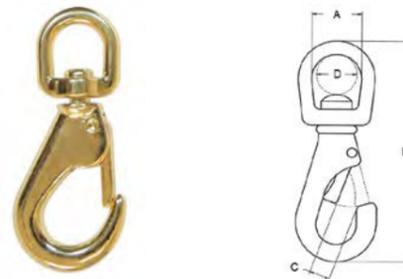


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A090

SNAP HOOK - Steel brass coated

Size (D) mm	A mm	B mm	C mm	Weight Kg
15	18,5	83	9,5	0,06



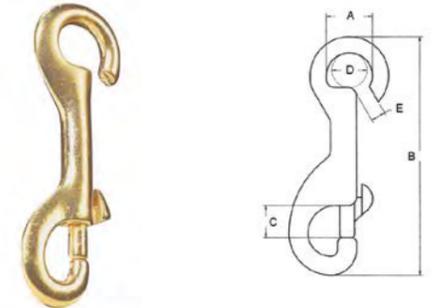
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CARFER

A091

SNAP HOOK - Steel brass coated

Size (D) mm	A mm	B mm	C mm	E mm	Weight Kg
13	16,5	84,5	9	6	0,050

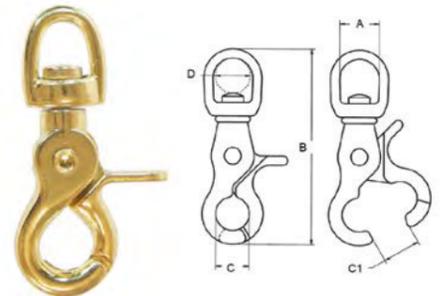


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A092

SNAP HOOK - Steel brass coated

Size (D) mm	A mm	B mm	C mm	C1 mm	Weight Kg
11,5	13	66	11	11,5	0,030

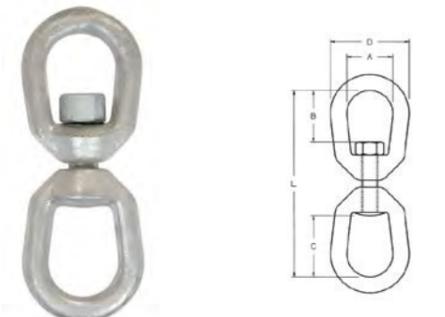


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A149

REGULAR SWIVEL - Steel Fe 430B

Size mm	A mm	B mm	C mm	D mm	L mm	Weight Kg
6	19	17,5	27	31,7	74,6	0,08
8	25,4	20,6	31,7	41,3	90,5	0,16
10	31,7	23,8	38,1	51	109,5	0,31
12	38,1	33,3	51	63,5	138	0,61
16	44,5	39,6	60,7	76,2	166,7	1,06
20	51	44,5	66,7	88,9	182,6	1,65
22	53	52	74,5	102	222	2,85



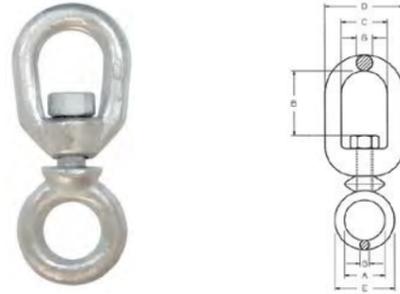
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A150

CHAIN SWIVEL - Steel Fe 430B

Size mm	A mm	B mm	C mm	D mm	E mm	G mm	Weight Kg
6	15,8	17,5	19	31,8	28,5	6,4	0,06
8	19	20,6	25,4	38,9	35	7,9	0,12
10	25,4	23,9	31,8	50,8	44,5	9,7	0,23
12	31,8	33,3	38,1	63,5	57,2	12,7	0,46
16	38,1	39,6	44,5	76,2	69,9	15,8	0,79
20	44,5	44,4	50,8	88,9	82,6	19	1,31



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S096

THIMBLE DIN 6899A - Steel Fe 360B

Size ø mm	A mm	B mm	C mm	S mm	Weight Kg
1,8	6/8	16/17,5	2	0,5	0,0009
2,5	10	21,5	3	0,5	0,0015
3,5	12	26,5	4	0,75	0,0035
4	13	28,5	5	0,75	0,0043
5	14	30	6	1	0,0058
6	15	33	7	1	0,0079
7	16	35	8	1,25	0,0101
8	18	39	9	1,25	0,016
9	20	43	10	1,25	0,0198
10	22	47,5	11	1,5	0,0295
11	24	51,5	12	1,5	0,037
13	28	61	14	1,8	0,072
15	32	68,5	16	2	0,083
16	35	78	18	2,5	0,18
18	40	86,5	20	2,5	0,27
20	44	95	22	2,5	0,35
24/26	48	103	26	4	0,46

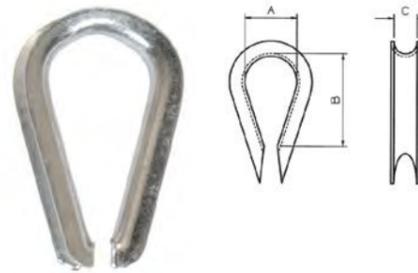


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A213

EXTRA HEAVY THIMBLE - Steel Fe 360B

Size ø inch	A mm	B mm	C mm	Weight Kg
1/4	22	41	7,2	0,03
5/16	27	48	8,6	0,05
3/8	29	54	10,5	0,1
7/16	32	60	12	0,14
1/2 - 9/16	38	65	15	0,23
5/8	44	83	16,8	0,34
3/4	51	95	20	0,67
7/8	57	108	24	0,79
1	63	114	27	1,25
1 1/8 - 1 1/4	73	130	33,2	1,81
1 1/4 - 1 3/8	89	165	36,5	3,67
1 3/8 - 1 1/2	89	159	39,6	5,33
1 5/8	102	203	43,7	7,71
1 3/4	114	229	46,7	8,05
1 7/8 - 2	152	305	53,2	11,34
2 1/4	178	356	60,45	17,92



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CARFER

A097

THIMBLE DIN 6899B - Steel Fe 360B

Size ø mm	A mm	B mm	C mm	S mm	D mm	Weight Kg
2,5	12	19	3	1,6	1,25	0,005
3,5	13	21	4	1,6	1,25	0,008
4	14	23	5	1,9	0,75	0,01
5	16	25	6	2,4	0,75	0,016
6	18	28	7	2,4	0,75	0,019
7	20	32	8	2,8	1	0,03
Hot dip galvanized						
9	24	38	10	3,1	1,25	0,047
11	28	45	12	3,3	1,5	0,068
13	30	48	13	3,3	1,5	0,08
13	32	51	14	3,7	1,75	0,1
15	36	58	16	3,8	2	0,14
16	38	61	17	4,7	2	0,18
17	40	64	18	4,7	2	0,2
18	45	72	20	5,7	2,25	0,29
20	50	80	22	5,7	2,5	0,32
22	56	90	24	6,5	3	0,47
24	62	99	26	6,8	3,5	0,59
26	70	112	28	8	3,5	0,8
28	75	120	30	8	3,5	1,1
30	80	128	32	8	3,5	1,23
32	95	152	34	8,5	3,5	1,56
34	100	160	36	8,5	3,5	1,76
36	110	176	38	8,5	3,5	1,92
38	115	184	40	10,5	4	2,92
40	120	192	42	10,5	4	3,2
42	150	240	45	10,5	6,5	3,64
46	120	220	48	6	6	5,75
48	120	240	50	8	7	6,2
52	145	275	54	10	8	6,9
56	145	305	58	10	9	8,5

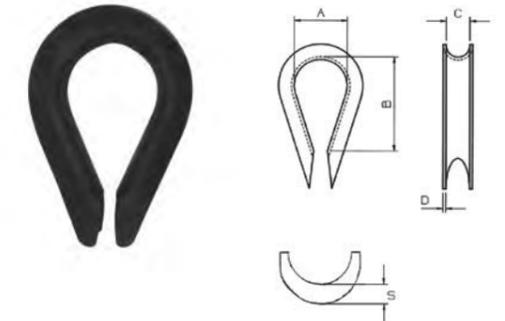


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A097VN

BLACK THIMBLE DIN 6899B - Steel Fe 360B

Size ø mm	A mm	B mm	C mm	S mm	D mm	Weight Kg
3,5	13	21	4	1,6	1,25	0,008
4	14	23	5	1,9	0,75	0,01
5	16	25	6	2,4	0,75	0,016
6	18	28	7	2,4	0,75	0,019
7	20	32	8	2,8	1	0,03
9	24	38	10	3,1	1,25	0,047



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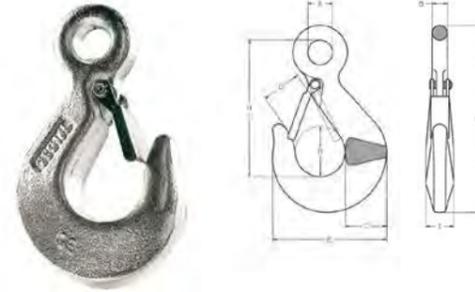
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A176

LIFTING EYE HOOK DIN 689 WITH LATCH - Steel C 15



S.W.L. t	A mm	B mm	C mm	D mm	E mm	G mm	H mm	I mm	L mm	Weight Kg
0,25	12	7,5	19,5	23	53,5	15	64	13	88,5	0,15
0,5	16	10	26	31	71,5	22	85	17	117,5	0,33
1	20	13,5	36	42	98	25	116	23,5	160,5	0,83
1,6	26	16	42,5	50	116	31	138	28	190,5	1,3
2,5	32	20	53,5	62	145	39	174	35	240	2,5
4	40	25	67,5	79	183,5	53	219	44,5	302	5,3
5	46	28	75	88	204,5	69	236	49,5	329	8

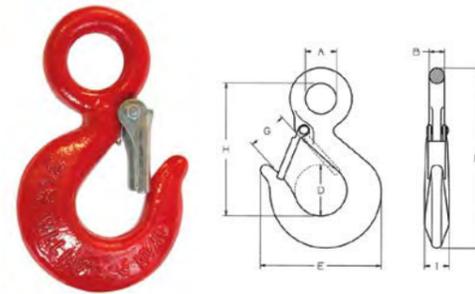


A204S

CARBON STEEL EYE HOOK WITH LATCH - Carbon steel



S.W.L. t	A mm	B mm	D mm	E mm	G mm	H mm	I mm	L mm	Weight Kg
0,8	19	10	30	73	17	85	17	114	0,26
1	23	12	32	82	17	93	20	126	0,35
1,6	30	13	35	91	19	103	21	142	0,62
2	31	17	38	105	22	119	26	165	0,93
3,2	39	19	50	125	27	147	32	204	1,73
5	51	24	60	168	45	185	37	255	3,42
7,5	62	28,5	74	198	49	230	43	316	5,37
10	71	31	80	221	55	259	55	357	7,76
15	90	40	107	260	76	319	70	434	14,32
20	89	44	127	346	92	357	76	494	23,87
25	114	51	137	357	96	465	85	628	63,92

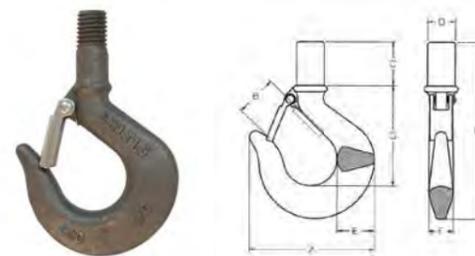


A111N

CARBON STEEL SHANK HOOK WITH LATCH - Carbon steel



S.W.L. t	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Weight Kg
0,8	73	17	31	M12	21	17	58	108	0,22
1	81	17	35	M16	24	19	65	122	0,35
1,6	91	21	42	M20	29,5	22	70	138	0,52
2	104	23	42	M20	34	23	79	150	0,8
3,2	125	25	50	M22	42	31	95	182	1,45
5	166	50	63	M27	52	38	121	230	2,9
7,5	212	55	77	M36	68	45	140	277	6,3
10	220	60	80	M39	76	57	167	314	10,8
15	280	60	114	M52	96	64	201,5	400	15



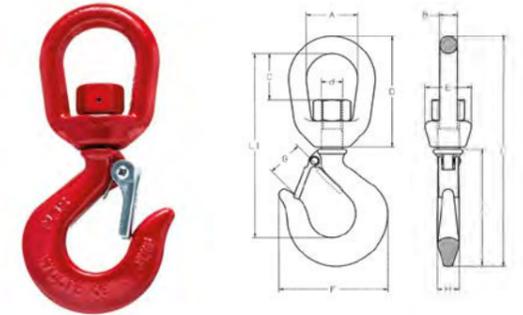
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A205S

CARBON STEEL REVOLVING HOOK WITH LATCH - Carbon steel



S.W.L. t	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	L mm	L1 mm	d mm	Weight Kg
0,8	31	10,5	24	64	25	73	17	17	77	142	112	M 12	0,45
1	39	13	33	81	34	81	17	19	87	170	135	M 16	0,77
1,6	44	16,5	40	99	38	91	21	22	96	200	158	M 20	1,22
2	44	16,5	40	99	38	104	23	23	108	210	165	M 20	1,51
3,2	51	19,5	40	112,5	46	125	25	31	133	250	194	M 22	2,48
5	66	26	60	150	62	166	50	38	167	320	248	M 27	6,06
7,5	80	31	65	175	75	212	55	45	205	385	294	M 36	9,94
10	80	31	65	175	75	220	60	57	235	400	302	M 39	15
15	120	40	115	262	124	280	60	64	286	550	425	M 52	20,64
20	135	45	118	293	124	350	102	75	377	673	533	M 60	28,79



A206S

ALLOY STEEL EYE HOOK WITH LATCH - High tensile steel



S.W.L. t	A mm	B mm	D mm	E mm	G mm	H mm	I mm	L mm	Weight Kg
1,25	19	10	30	73	17	85	17	114	0,21
1,6	23	12	32	82	17	93	20	126	0,31
2,5	30	13	35	91	19	103	21	142	0,62
3,2	31	17	38	105	22	119	26	165	0,96
5,4	39	19	50	125	27	147	32	204	1,65
8	51	24	60	168	45	185	37	255	3,13
11,5	62	28,5	74	198	49	230	43	316	5,37
16	72	32	82,5	221	57	256	49	354	7,76
22	89	40	108	260	76	318	60	434	14,32
30	89	44	127	346	92	357	76	494	23,87
37	114	51	137	357	96	465	85	628	63,92

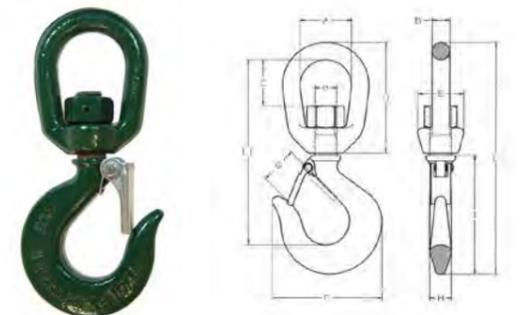


A207S

ALLOY STEEL REVOLVING HOOK WITH LATCH - High tensile steel



S.W.L. t	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm	L mm	L1 mm	d mm	Weight Kg
1,25	31	10,5	24	64	25	73	17	17	77	142	112	M 12	0,45
1,6	39	13	33	81	34	81	17	19	87	170	135	M 16	0,77
2,5	44	16,5	42	99	38	91	21	22	96	200	158	M 20	1,22
3,2	44	16,5	40	99	38	104	23	23	108	210	165	M 20	1,51
5,4	51	19,5	40	112,5	46	125	25	31	133	250	194	M 22	2,48
8	66	26	60	150	62	166	50	38	167	320	248	M 27	6,06
11,5	80	31	65	175	75	212	55	45	205	385	294	M 36	9,94
16	90	32	73	183	76	225	67	52	234	420	322	M 36	15
20	120	40	105	257	105	285	81	64	288	548	424	M 52	20,64
30	135	45	118	293	124	350	102	75	377	673	533	M 60	28,79



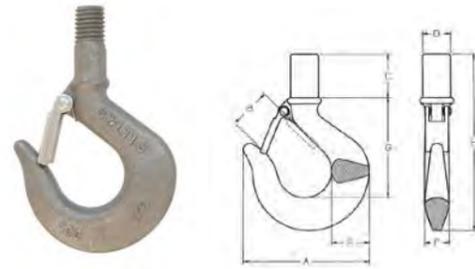
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A123

ALLOY STEEL SHANK HOOK WITH LATCH - High tensile steel



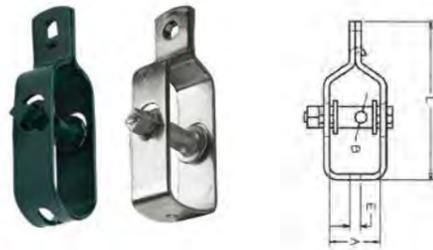
S.W.L. t	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Weight Kg
1,25	73	17	31	M12	21	17	58	108	0,22
1,6	81	17	35	M16	24	19	65	122	0,35
2,5	91	21	42	M20	29,5	22	70,5	138	0,52
3,2	104	23	42	M20	34	23	79	150	0,8
5,4	125	25	50	M22	42	31	95	182	1,45
8	166	50	63	M27	52	38	121	230	2,9
11,5	212	55	77	M36	68	45	152	277	6,3
16	225	67	90	M36	74	52	169	325	10,8
20	285	81	112	M52	93	64	204	400	15



A129

H.Q. WIRE-TIE FOR AGRICULTURE - Body: Steel Fe 360 B - Pin: Cast iron

Size	A mm	B mm	E mm	L mm	Weight Kg
1	26	6	5,5	80	0,08
2	26	6	5,5	92	0,09
3	26	6	5,5	104	0,1



A186

WIRE-TIE FOR AGRICULTURE - Body: Steel Fe 360 B - Pin: Cast iron

Size	A mm	B mm	E mm	L mm	Weight Kg
1	26	6	5,5	80	0,08
2	26	6	5,5	92	0,09
3	26	6	5,5	104	0,1

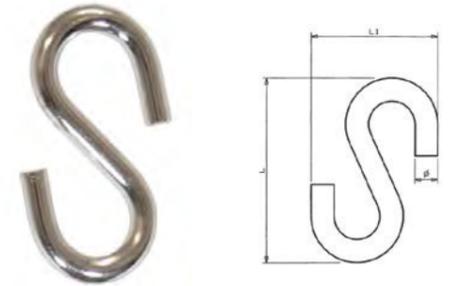


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A154

"S" HOOK - Steel

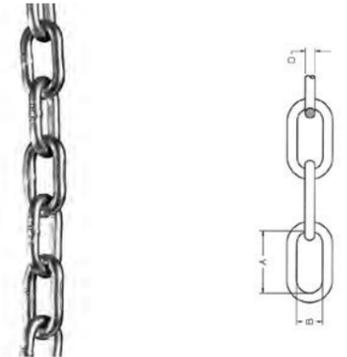
Size mm	L mm	L1 mm	Ø mm	Weight Kg
3	30	16	3	0,003
3,4	33,5	20	3,4	0,005
4	38,5	21,5	4	0,008
4,4	39	26	4,4	0,01
5	46	26,5	5	0,013
5,5	48	28	5,5	0,017
6	52,5	31,5	6	0,022
7	61	36	7	0,037
8	64	44	8	0,05

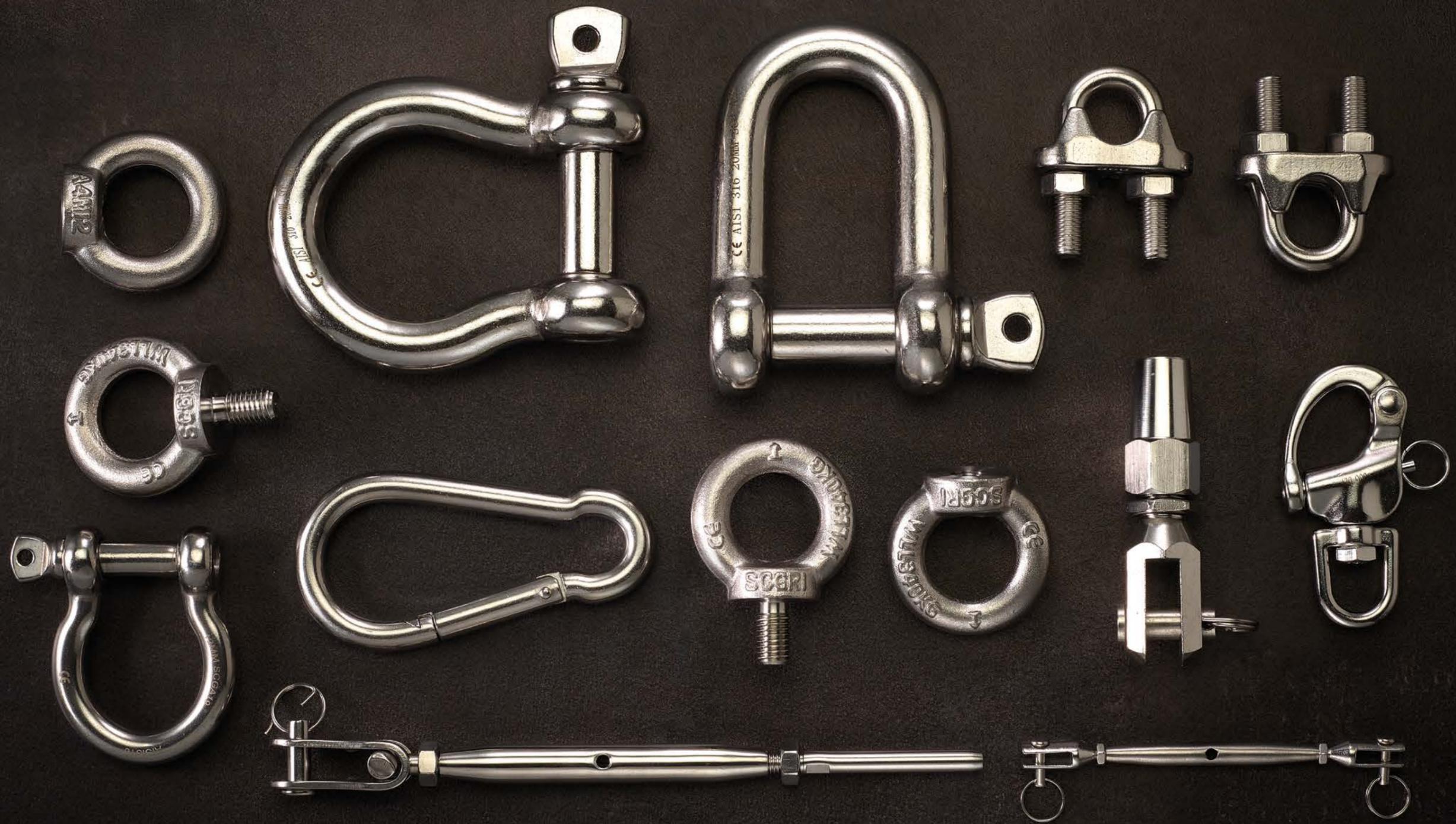


A187B

GALVANIZED CHAIN - Steel Fe 360B

Chain ø mm	A mm	B mm	Weight Kg
1,6	12,8	4,3	0,05
1,8	14,5	4,5	0,056
2,2	15	5,5	0,095
2,5	16	6	0,11
2,8	17,5	6,5	0,14
3	19	7	0,17
3,5	20	7,5	0,22
4	20,5	8	0,295
4,5	22	8,5	0,37
5	23	9,5	0,47
5,5	27	10	0,56
6	29	11	0,67
6,5	30,5	11,5	0,8
7	30,5	12,5	0,96
7,5	32	13,5	1,1
8	35	14,5	1,26
8,8	37,5	15,5	1,55
10	40	17,5	2
12	47,5	20,5	3
14	52,5	25	4
16	55	25	5,2
20	70	29	8,2





CARFER STAINLESS STEEL FITTINGS FOR ROPES AND CHAINS

The historic range of CARCANO products, now with an identity and brand of its own: quality that is the hallmark of our company also

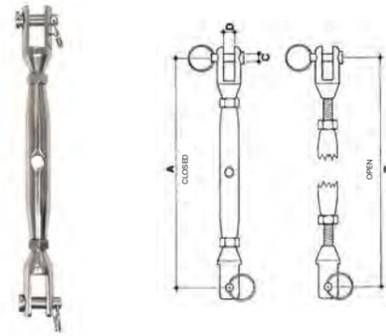
characterises this selection of accessories, now further enhanced with CARFER stainless steel.

CARFER

A501

STAINLESS STEEL TURNBUCKLE WITH TWO FORKS - Steel AISI 316

Size	Rope ø mm	A mm	B mm	C mm	D mm	Weight Kg
M 4	2	110	160	4	4	0,04
M 5	2,5	120	180	4	5	0,06
M 6	3	135	190	5	6	0,08
M 8	4	160	220	7	8	0,16
M 10	5	185	260	8	10	0,27
M 12	6-7	250	365	10	12	0,38
M 14	8	260	380	12	14	0,68
M 16	10	305	460	14	16	1,03
M 20	14	440	660	16	18	2,22

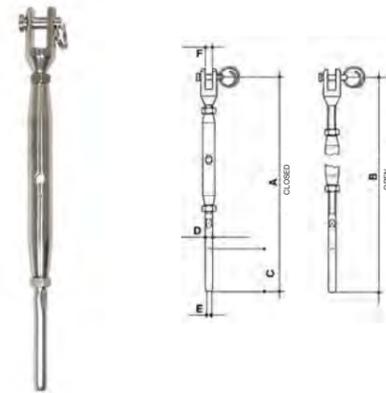


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A502

STAINLESS STEEL TURNBUCKLE WITH FORK AND TERMINAL - Steel AISI 316

Size	Rope ø mm	A mm	B mm	C mm	D mm	E mm	F mm	Weight Kg
M 6	3	185	230	32	6	3,2	6	0,08
M 8	4	210	275	40	8	4,2	8	0,13
M 10	5	235	325	50	10	5,2	10	0,23
M 12	6	320	435	60	12	6,2	12	0,48
M 14	7	360	515	70	14	7,2	14	0,62
M 16	8	415	575	78	16	8,2	16	1,12
M 20	10	480	600	85	18	10,5	18	2,2

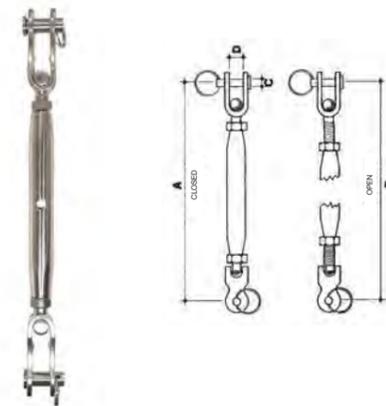


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A503

STAINLESS STEEL TURNBUCKLE WITH TWO JOINT FORKS - Steel AISI 316

Size	Rope ø mm	A mm	B mm	C mm	D mm	Weight Kg
M 6	3	135	190	5	8	0,09
M 8	4	190	260	8	10	0,18
M 10	5	230	320	8	12	0,34
M 12	6-7	280	380	8	14	0,54



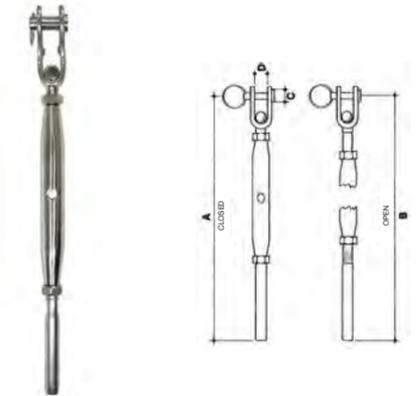
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CARFER

A504

STAINLESS STEEL TURNBUCKLE WITH JOINT FORK AND TERMINAL - Steel AISI 316

Size	Rope ø mm	A mm	B mm	C mm	D mm	Weight Kg
M 6	3	150	200	6	8	0,08
M 8	4	190	250	8	10	0,15
M 10	5	235	305	10	12	0,28
M 12	6	310	410	12	14	0,5

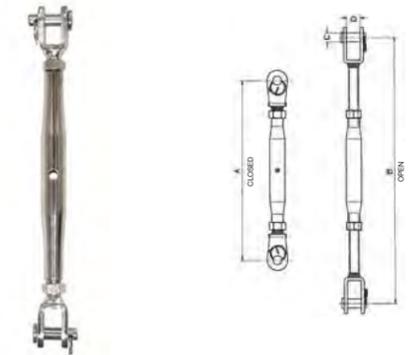


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A505

STAINLESS STEEL TURNBUCKLE WITH TWO WELDED FORKS - Steel AISI 316

Size	Rope ø mm	A mm	B mm	C mm	D mm	Weight Kg
M 5	2,5	125	175	6	11	0,06
M 6	3	135	200	6	11	0,08
M 8	4	145	210	6	11	0,16
M 10	5	180	250	8	13	0,27
M 12	6-7	210	300	12	12	0,38
M 14	7	260	410	12	13	0,68
M 16	8	290	460	14	15	1,03
M 20	10	350	520	15	21	2,22

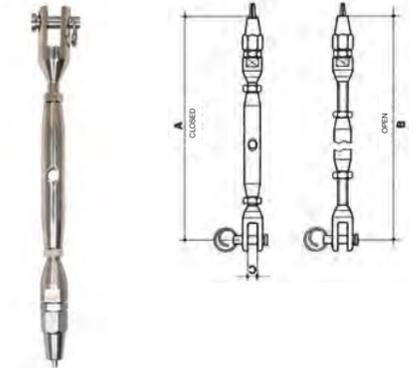


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A506B

STAINLESS STEEL TURNBUCKLE WITH SWIFT TERMINAL - Steel AISI 316

Size	Rope ø mm	A mm	B mm	C mm	Weight Kg
6	3	165	220	6	0,08
8	4	185	250	8	0,15
10	5	220	295	10	0,27
12	6	290	390	12	0,57



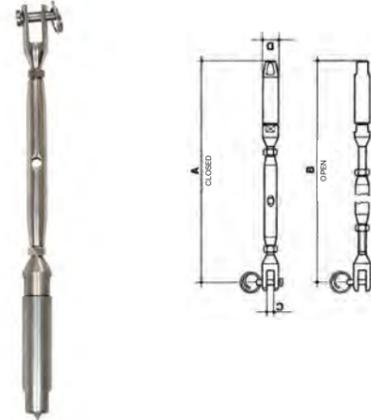
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CARFER

A507B

STAINLESS STEEL PARAFIL TURNBUCKLE - Steel AISI 316

Size mm	A mm	B mm	C mm	D mm	Weight Kg
7	185	240	6	12	0,09
9	190	260	6	14	0,11

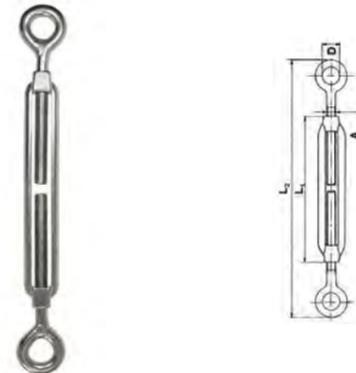


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A508

STAINLESS STEEL TURNBUCKLE EYE AND EYE - Steel AISI 316

Size	A mm	D mm	L1 mm	L2 mm	S.W.L. Kg	Weight Kg
M 5	5	8	70	110±170	140	0,04
M 6	6	10	90	140±220	225	0,08
M 8	8	14	120	180±280	410	0,16
M 10	10	16	150	230±360	650	0,25
M 12	12	18	200	280±460	930	0,56
M 16	16	26	250	370±590	1770	1
M 20	20	30	300	420±650	2700	1,9

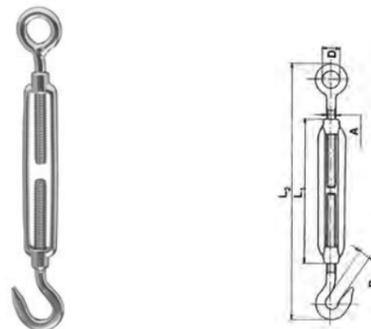


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A509

STAINLESS STEEL TURNBUCKLE EYE AND HOOK - Steel AISI 316

Size	A mm	B mm	D mm	L1 mm	L2 mm	S.W.L. Kg	Weight Kg
M 5	5	9	8	70	110±170	50	0,04
M 6	6	10	10	90	140±220	75	0,08
M 8	8	11	14	120	180±280	165	0,17
M 10	10	12	16	150	230±360	235	0,27
M 12	12	14	18	200	280±460	320	0,56
M 16	16	16	26	250	370±590	530	1,1
M 20	20	18	30	300	420±650	730	1,9



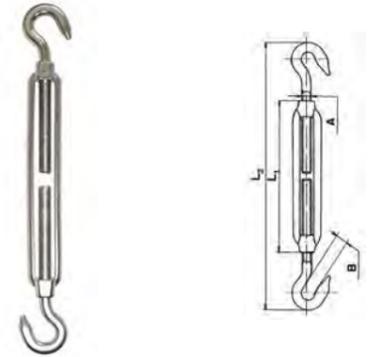
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A510

STAINLESS STEEL TURNBUCKLE HOOK AND HOOK - Steel AISI 316

Size	A mm	B mm	L1 mm	L2 mm	S.W.L. Kg	Weight Kg
M 5	5	9	70	110±170	50	0,04
M 6	6	10	90	140±220	75	0,08
M 8	8	11	120	180±280	165	0,16
M 10	10	12	150	230±360	235	0,25
M 12	12	14	200	280±460	320	0,56
M 16	16	16	250	370±590	530	1,1
M 20	20	18	300	420±650	730	1,87

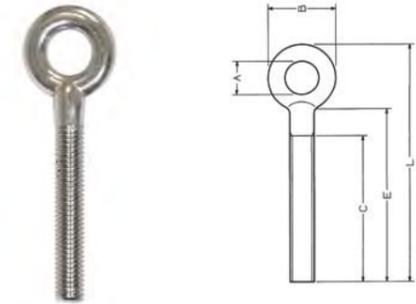


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A575B

STAINLESS STEEL EYE - Steel AISI 316

Size mm	A mm	B mm	C mm	E mm	L mm	S.W.L. Kg	Weight Kg
M 6	10	21	55	60	79	225	0,016
M 8	11	24	55	60	86	410	0,03
M 10	14	31	60	68	100	650	0,07
M 12	16	37	66	74	112	930	0,09

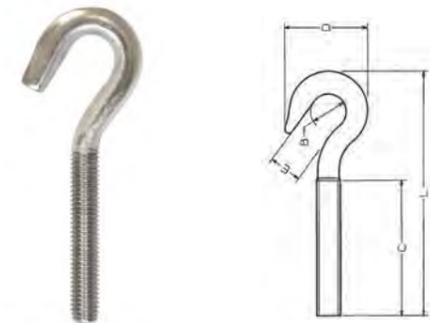


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A576B

STAINLESS STEEL HOOK - Steel AISI 316

Size mm	B mm	C mm	D mm	E mm	L mm	S.W.L. Kg	Weight Kg
M 6	9,5	50	22,5	8	77	75	0,015
M 8	11	55	30	10	93	165	0,03
M 10	14	60	36	12,5	103,5	235	0,06
M 12	18	66	47	16	122	320	0,13



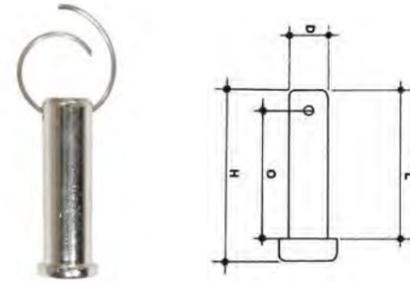
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A512

STAINLESS STEEL PIN WITH SAFETY RING - Steel AISI 316

Size	D mm	L mm	O mm	H mm	Weight Kg
5	3,8	15	13	18	0,01
6	4,8	16	14	20	0,01
8	6,6	21	18	24	0,01
10	7,8	27	22,5	28,5	0,01
12	9,7	29,5	26,5	32,5	0,01
14	9,8	35	30	37,7	0,02
16	11,6	31	28	34	0,04
20	15,3	50	44	54	0,08

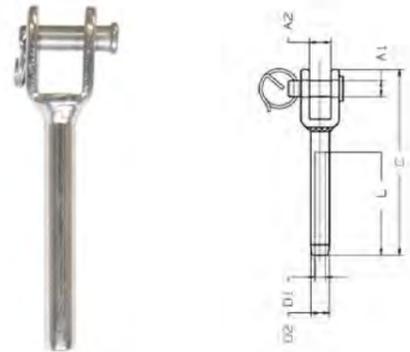


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A513

STAINLESS STEEL FORK TERMINAL - Steel AISI 316

Rope ø mm	D1 mm	D2 mm	L mm	A1 mm	A2 mm	C mm	Weight Kg
3	3,2	6,3	38	5	7	67	0,02
4	4,3	7,5	49	6	11	80	0,05
5	5,3	9	52	8	12	95	0,06
6	6,4	12,9	63	9	14	117	0,13
7	7,4	14,5	72	9	15	130	0,13
8	8,4	16	85	12	17	159	0,23
10	10,5	18	90	16	20	166	0,33
12	12,5	20	105	16	23	213	0,52

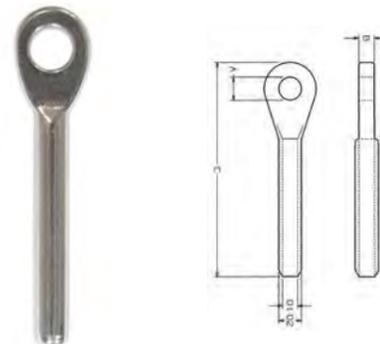


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A514

STAINLESS STEEL EYE TERMINAL - Steel AISI 316

Rope ø mm	D1 mm	D2 mm	A mm	B mm	C mm	E mm	F mm	Weight Kg
3	3,3	6,3	6	4	65	14,5	16,5	0,014
4	4,3	7,5	8	5	70	17	21	0,025
5	5,3	9,1	10	7	92	22	28	0,042
6	6,4	12,5	12	8	120	28	34	0,098
7	7,4	14,3	12,7	9	120	28	37	0,11
8	8,4	16,1	14,5	10	140	32	40	0,186
10	10,5	18	16	12	162	36	48	0,28
12	12,6	20	18	16	180	40	55	0,378



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A586

STAINLESS STEEL SWAGE STUD - Steel AISI 316

Size	L1 mm	L2 mm	L3 mm	A mm	B mm	C mm	D mm	Weight Kg
6	100	39	48	6,3	3,3	5	M 6	0,03
8	117	45	57	7,5	4,3	5,9	M 8	0,07
10	130	51	63	9	5,3	6,9	M 10	0,08
12	162	64	80	12,5	6,3	10,8	M 12	0,11
14	180	70	90	14	7,3	11,8	M 14	0,17
16	195	76	100	16	8,3	13,8	M 16	0,22
20	230	89	119	18	10,3	15	M 20	0,4

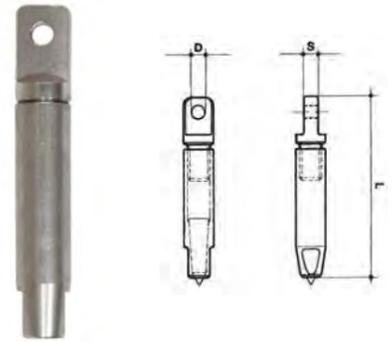


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A516B

STAINLESS STEEL EYE PARAFIL TERMINAL - Steel AISI 316

Rope ø mm	S mm	D mm	L mm	Weight Kg
7	6	5,5	78	0,04
9	6	5,5	78	0,05

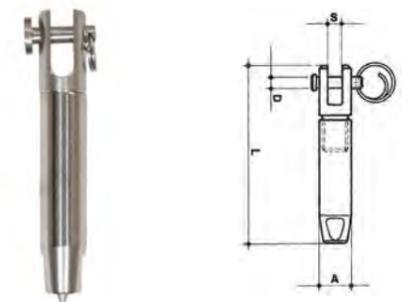


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A517B

STAINLESS STEEL FORK PARAFIL TERMINAL - Steel AISI 316

Rope ø mm	A mm	D mm	L mm	S mm	Weight Kg
7	12	4,5	75	6	0,05
9	14	4,5	76	6	0,05



A518

PARAFIL CABLE

Rope ø mm	Weight Kg/m
7	0,04
8,5	0,06



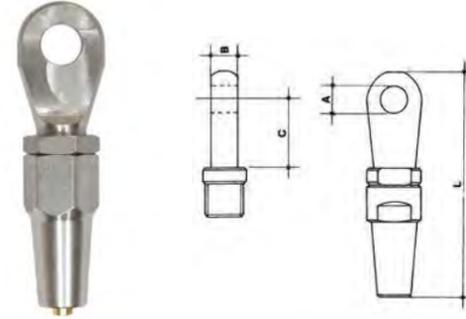
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A519

STAINLESS STEEL SWIFT EYE TERMINAL - Steel AISI 304

Size ø mm	A mm	B mm	C mm	L mm	Weight Kg
7	11	11	27	87	0,11
8	13	11	30	100	0,19
10	16	11	40	130	0,35
12	19	18	43	140	0,81
14	22	21	46	150	0,94

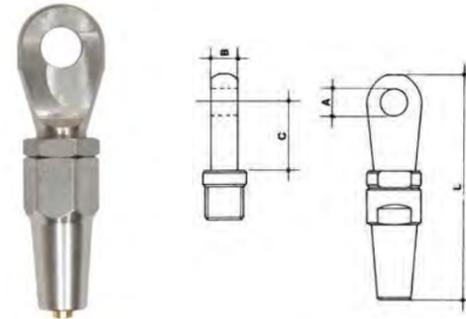


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A519B

STAINLESS STEEL SWIFT EYE TERMINAL - Steel AISI 316

Size ø mm	A mm	B mm	C mm	L mm	Weight Kg
3	6	6	12	60	0,02
4	8	7	16	75	0,04
5	10	8	18	86	0,07
6	12	10	22	96	0,11
7	11	10	22	87	0,11
8	13	11	30	100	0,19
10	15	14	35	126	0,35

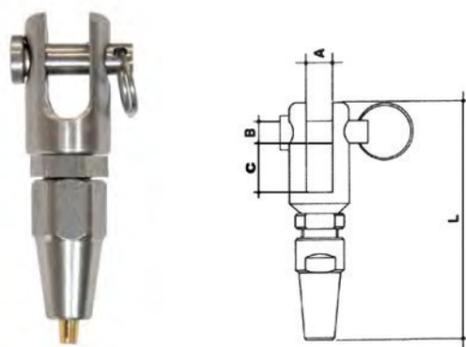


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A520

STAINLESS STEEL SWIFT FORK TERMINAL - Steel AISI 304

Size ø mm	A mm	B mm	C mm	L mm	Weight Kg
7	12	8	18	90	0,14
8	12	10	20	100	0,21
10	14	12	28	120	0,4
12	18	16	34	140	0,71
14	21	18	38	170	1,52



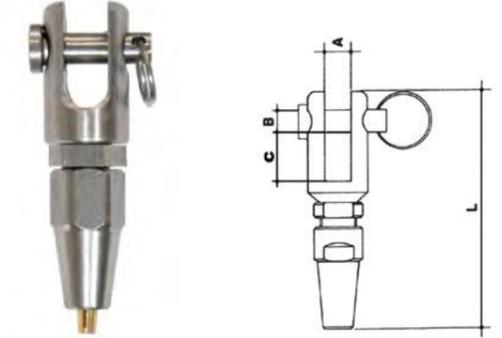
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CARFER

A520B

STAINLESS STEEL SWIFT FORK TERMINAL - Steel AISI 316

Size ø mm	A mm	B mm	C mm	L mm	Weight Kg
3	6	6	11	67	0,03
4	8	6	15	84	0,05
5	10	8	14	85	0,09
6	10	10	14	98	0,14
7	12	8	12	85	0,14
8	12	10	16	96	0,21
10	14	12	20	120	0,4

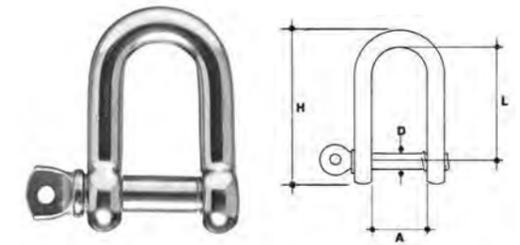


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A521 - A521B

STAINLESS STEEL DEE SHACKLE - Steel AISI 304 - Steel AISI 316

Size mm	D mm	A mm	L mm	H mm	S.W.L. Kg	Weight Kg
4	4	8	16	24	50	0,01
5	5	10	20	30	70	0,02
6	6	14	26	37	100	0,03
8	8	16	32	48	250	0,07
10	10	20	45	64	400	0,13
12	12	25	48	72	630	0,22
14	14	29	63	88,5	750	0,31
16	16	34	64	96	1000	0,38
20	19	40	76	114	1600	0,69
22	22	47	96	143	2000	1,2
25	25	50	100	150	2500	1,3
28	28	56	112	168	3150	3
32	32	64	128	192	4000	4,17

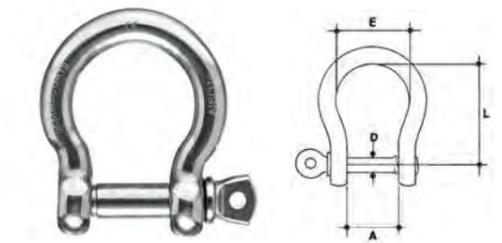


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A522 - A522B

STAINLESS STEEL BOW SHACKLE - Steel AISI 304 - Steel AISI 316

Size mm	D mm	E mm	A mm	L mm	S.W.L. Kg	Weight Kg
4	4	12,5	8	16	50	0,01
5	5	15	10	20	80	0,02
6	6	21	14	24	100	0,03
8	8	24	16	32	200	0,08
10	10	31	20	40	300	0,13
12	12	38	26	48	500	0,22
14	14	43,5	30	63,5	600	0,35
16	16	52	32	64	800	0,37
20	19	59	42	76	1100	0,95
22	22	67	44	88	1500	1,35
25	25	76,5	54	100	2000	2,2
28	28	86	56	112	2600	2,88
32	32	101	64	128	3200	4,1



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A523

STAINLESS STEEL LONG SHACKLE - Steel AISI 316

Size mm	P mm	L mm	D mm	S mm	Weight Kg
4	8	30	4	4	0,01
5	10	38	5	5	0,02
6	12	46	6	6	0,03
8	15	60	8	8	0,08
10	20	75	10	10	0,17
12	23	90	12	12	0,28

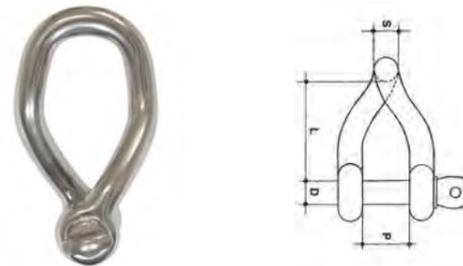


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A524

STAINLESS STEEL TWISTED SHACKLE - Steel AISI 316

Size mm	D mm	P mm	L mm	S mm	Weight Kg
4	4	8	22	4	0,01
5	5	10	28	5	0,01
6	6	12	34	6	0,03
8	8	16	40	8	0,07
10	10	20	45	10	0,13
12	12	24	52	12	0,22



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A591

STAINLESS STEEL DEE SHACKLE WITH FLAT HEAD PIN - Steel AISI 316

Size mm	D mm	A mm	L mm	H mm	S.W.L. Kg	Weight Kg
6	6	13	27	39	100	0,03
8	8	16	35	51	250	0,07
10	10	19	42,5	61,5	400	0,13
12	12	24,5	54	78	630	0,22
14	14	28,5	61	89,5	750	0,31



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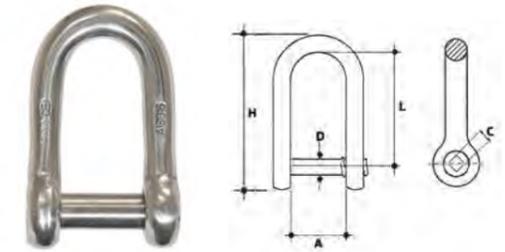
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A594

STAINLESS STEEL DEE SHACKLE WITH PIN WITH SQUARE SUNKEN HOLE - Steel AISI 316



Size mm	D mm	A mm	C mm	L mm	H mm	S.W.L. Kg	Weight Kg
6	6	14	3	26	37	100	0,03
8	8	16	3	32	48	250	0,07
10	10	20	5	45	64	400	0,13
12	12	25	6	48	72	630	0,22
14	14	29	7	63	88,5	750	0,31
16	16	34	8	64	96	1000	0,38
20	19	40	10	76	114	1600	0,69
22	22	47	11	96	143	2000	1,2
25	25	50	12	100	150	2500	1,3



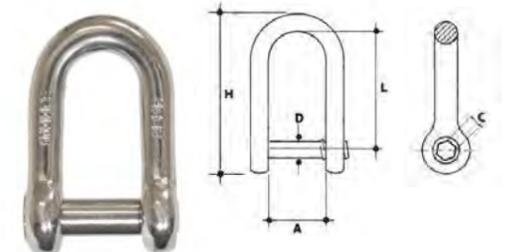
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A595

STAINLESS STEEL DEE SHACKLE WITH ALLEN PIN - Steel AISI 316



Size mm	D mm	A mm	C mm	L mm	H mm	S.W.L. Kg	Weight Kg
6	6	14	3	26	37	100	0,03
8	8	16	4	32	48	250	0,07
10	10	20	5	45	64	400	0,13
12	12	25	6	48	72	630	0,22
14	14	29	7	63	88,5	750	0,31



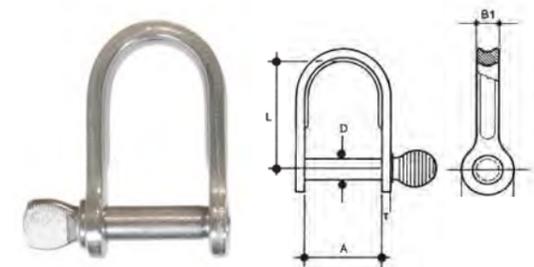
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A596

STAINLESS STEEL FLAT SHACKLE - Steel AISI 316

Size	A mm	B1 mm	D mm	D1 mm	L mm	T mm	Weight Kg
M 4	9	5	4	9	20	1,5	0,004
M 5	10,5	6,5	5	11	21	2	0,008
M 6	13,5	8	6	12	28	2,5	0,016



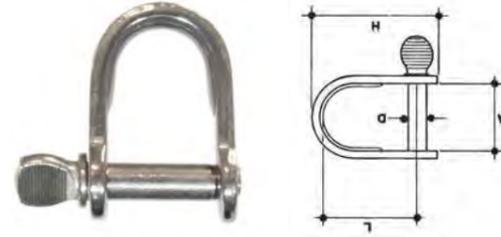
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CARFER

A525

STAINLESS STEEL FLAT SHACKLE SHORT TYPE - Steel AISI 316

Size mm	D mm	A mm	L mm	H mm	Weight Kg
4	4	10	17	23	0,01
5	5	12	20	28	0,015
6	6	16	24	33	0,02

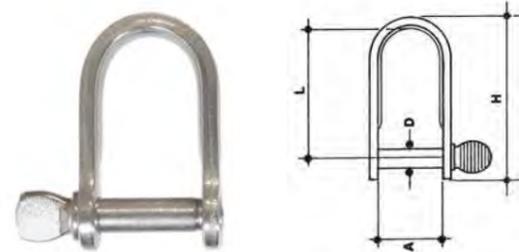


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A526

STAINLESS STEEL FLAT SHACKLE LONG TYPE - Steel AISI 316

Size mm	D mm	A mm	L mm	H mm	Weight Kg
4	4	12	26	33	0,01
5	5	16	27	35	0,01
6	6	17	29	40	0,02

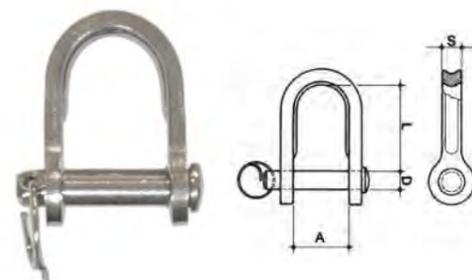


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A527B

STAINLESS STEEL FLAT SHACKLE SHORT TYPE WITH SAFETY RING - Steel AISI 316

Size mm	A mm	L mm	D mm	S mm	Weight Kg
4	10	15	4	5	0,01
5	12	17	5	6	0,01
6	16	21	6	7	0,02



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A528

STAINLESS STEEL FLAT SHACKLE LONG TYPE WITH SAFETY RING - Steel AISI 316

Size mm	A mm	L mm	D mm	S mm	Weight Kg
4	12	24	4	5	0,01
5	16	25	5	6	0,01
6	17	26	6	7	0,02

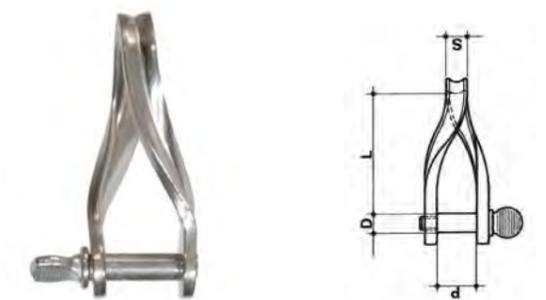


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A529B

STAINLESS STEEL FLAT AND TWISTED SHACKLE - Steel AISI 316

Size mm	P mm	L mm	D mm	S mm	Weight Kg
4	11	22	4	5	0,01
5	12	37	5	6	0,02

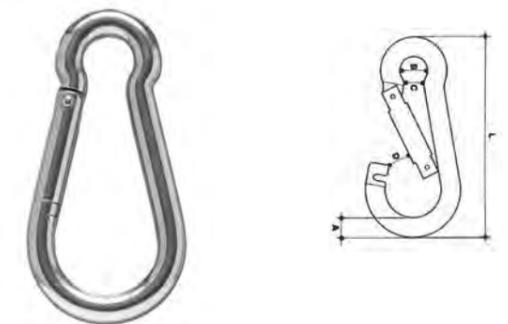


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A530 - A530B

STAINLESS STEEL SNAP HOOK - Steel AISI 304 - Steel AISI 316

Size mm	A mm	B mm	C mm	D mm	L mm	Weight Kg
40	4	6	5	6	40	0,008
50	5	8	6	7	50	0,02
60	6	9	7,5	8	60	0,03
70	7	10	8,5	9	70	0,05
80	8	12	9	11	80	0,07
90	9	13	9,5	12	90	0,09
100	10	15	10,5	13	100	0,13
120	11	19	15,5	16	120	0,19
140	12	20	14	21	140	0,26
160	13	23	18	22	160	0,36



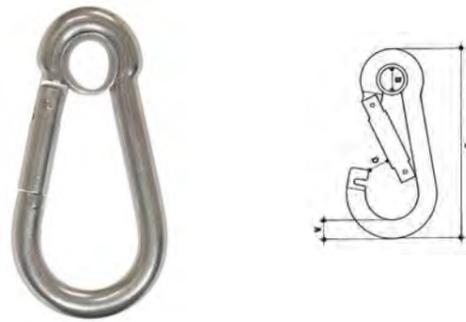
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A531 - A531B

STAINLESS STEEL SNAP HOOK WITH RING - Steel AISI 304 - Steel AISI 316

Size mm	A mm	B mm	D mm	L mm	Weight Kg
40	4	4,5	6	40	0,009
50	5	7	7	50	0,02
60	6	8	8	60	0,03
70	7	9	9	70	0,05
80	8	10,5	11	80	0,07
90	9	12	12	90	0,09
100	10	14	13	100	0,13
120	11	18	16	120	0,19
140	12	18	21	140	0,26
160	13	20	22	160	0,36

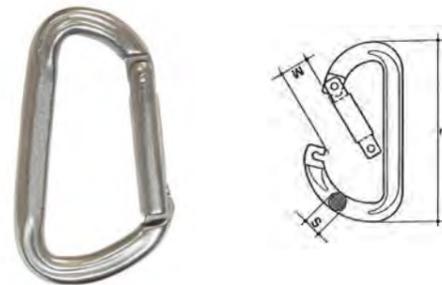


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A532

STAINLESS STEEL ASYMMETRICAL SNAP HOOK - Steel AISI 316

Size mm	L mm	S mm	M mm	Weight Kg
80	80	8	12	0,07
100	100	10	18	0,13

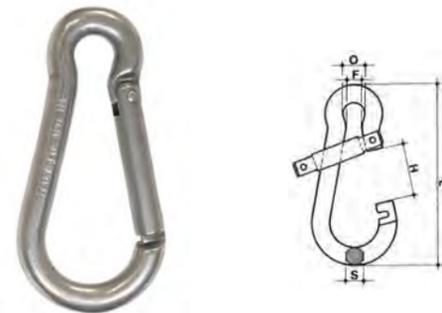


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A534

STAINLESS STEEL SNAP HOOK WITH SPECIAL OPENING - Steel AISI 316

Size mm	L mm	S mm	O mm	F mm	H mm	Weight Kg
80	80	8	11	8	19	0,07
100	100	10	15	10,5	22	0,17
120	120	11	18	12	26	0,19



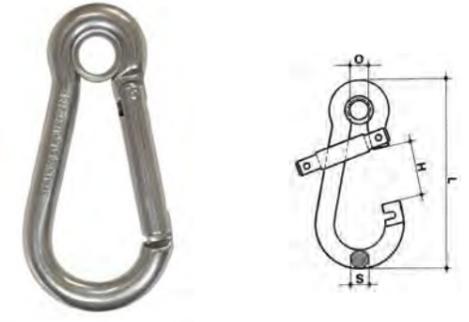
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A535

STAINLESS STEEL SNAP HOOK WITH EYE AND SPECIAL OPENING - Steel AISI 316

Size mm	L mm	S mm	O mm	H mm	Weight Kg
80	80	8	10	19	0,07
100	100	10	14	22	0,13

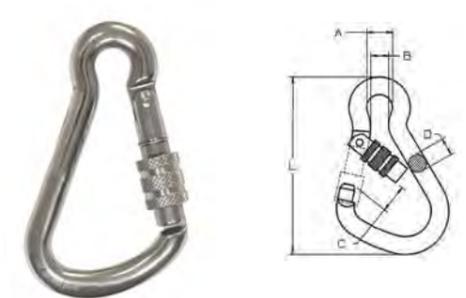


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A580

STAINLESS STEEL SNAP HOOK - Steel AISI 316

Size mm	A mm	B mm	C mm	D mm	L mm	Breaking Load kN	Weight Kg
80	12	9	17	8	85	15	0,08
100	13	10	17	10	100	22	0,15
120	18	15	23	11	125	28	0,22

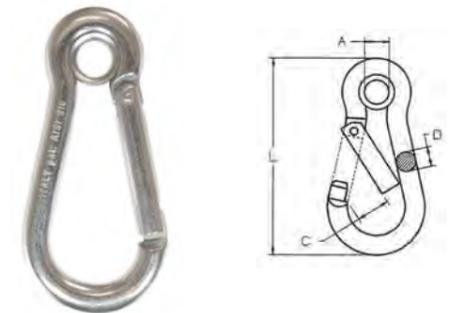


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A581

STAINLESS STEEL SNAP HOOK WITH RING - Steel AISI 316

Size mm	A mm	C mm	D mm	L mm	S.W.L. Kg	Weight Kg
50	7	7,5	5	50	120	0,017
60	8	9	6	60	120	0,028
80	11	11	8	80	230	0,067
100	14	15	10	100	350	0,129



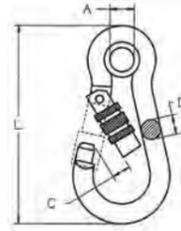
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A582

STAINLESS STEEL SNAP HOOK WITH RING - Steel AISI 316

Size mm	A mm	C mm	D mm	L mm	S.W.L. Kg	Weight Kg
100	14	13	10	100	350	0,134
120	17	16	11	120	450	0,19

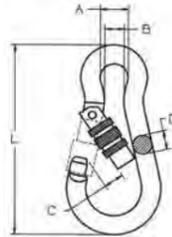


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A583

STAINLESS STEEL SNAP HOOK - Steel AISI 316

Size mm	A mm	B mm	C mm	D mm	L mm	S.W.L. Kg	Weight Kg
100	15	10,5	13	10	100	350	0,133
120	18	12	16	11	120	450	0,189

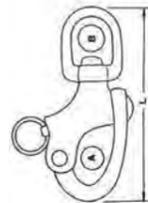


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A536

STAINLESS STEEL SWIVEL SNAP SHACKLE - Steel AISI 316

Size mm	A mm	B mm	L mm	Weight Kg
1	12	12	70	0,05
2	16	16	87	0,12
3	22	22	128	0,33



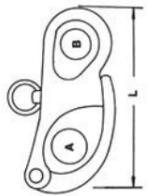
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A537

STAINLESS STEEL FIXED SNAP SHACKLE - Steel AISI 316

Size mm	A mm	B mm	L mm	Weight Kg
1	12	9	52	0,04
2	16	12	66	0,09
3	22	16	96	0,22

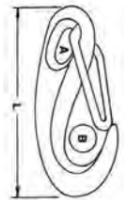


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A539

STAINLESS STEEL SPRING SNAP - Steel AISI 316

Size mm	A mm	B mm	L mm	Weight Kg
50	6	8	50	0,02
70	10	12	70	0,05
100	13	16	100	0,15

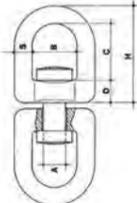


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A541

STAINLESS STEEL SWIVEL - Steel AISI 316

Size mm	A mm	B mm	C mm	D mm	H mm	S mm	S.W.L. Kg	Weight Kg
5	5	13	19	6	30	5	100	0,03
6	6	15	20	7	33	6	225	0,06
8	8	20	28	11	47	8	450	0,09
10	10	24	35	13	58	10	625	0,24
13	14	32	46	18	77	13	875	0,53
16	16	39	56	22	94	16	1250	1,14
20	20	41	63	33	115	19	2500	1,83
22	22	47	70	34	127	22	3250	3
25	25	63	88	35	148	25	4000	4



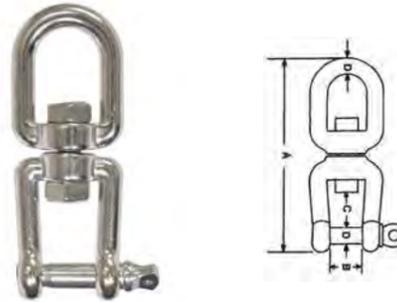
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A542

STAINLESS STEEL EYE AND JAW SWIVEL - Steel AISI 316

Size	A mm	B mm	C mm	D mm	S.W.L. Kg	Weight Kg
5	56	10	10	5	100	0,037
6	66	12	11	6	225	0,058
8	94	16	16	8	450	0,15
10	118	20	22	10	625	0,29
13	152	26	28	13	875	0,6
16	188	32	37	16	1250	1,06
19	229	38	45	19	2500	1,88
22	240	42	50	22	3250	2,02
25	275	52	56	24	4000	3,35

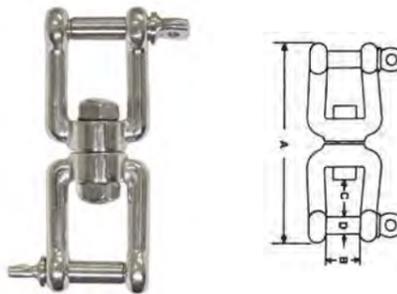


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A543

STAINLESS STEEL JAW AND JAW SWIVEL - Steel AISI 316

Size	A mm	B mm	C mm	D mm	S.W.L. Kg	Weight Kg
5	56	10	9	5	100	0,037
6	66	12	11	6	225	0,066
8	94	16	16	8	450	0,17
10	118	20	22	10	625	0,33
13	152	26	28	13	875	0,67
16	188	32	37	16	1250	1,15
19	229	38	45	19	2500	2,08
22	235	42	50	22	3250	2,18
25	275	52	56	24	4000	3,55

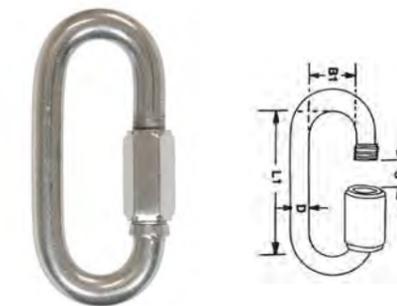


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A544

STAINLESS STEEL QUICK LINK - Steel AISI 316

Diameter / D mm	L1 mm	B1 mm	S mm	Weight Kg
3,5	29	10	4,5	0,01
4	32	12	5,5	0,01
5	39	13	6,5	0,02
6	45	14	7,5	0,03
7	52	16	8,5	0,06
8	58	18	9,5	0,08
9	62	20	11	0,11
10	69	22	12	0,15
12	81	24	14,5	0,23



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A545

STAINLESS STEEL EYE BOLT WITH NUT AND WASHER - Steel AISI 316

Size	A mm	B mm	L mm	C mm	Weight Kg
M 5 x 40	12	22	40	4	0,02
M 6 x 60	12	22	60	6	0,03
M 6 x 80	12	22	80	8	0,03
M 8 x 60	14	27	60	6	0,05
M 8 x 80	14	27	80	8	0,06
M 8 x 100	14	27	100	10	0,06
M 10 x 100	16	31	100	10	0,1
M 12 x 120	18	36	120	12	0,16

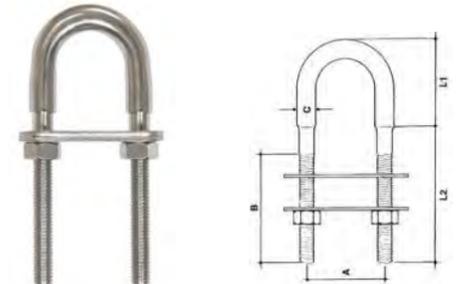


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A546

STAINLESS STEEL "U" BOLT PRODUCED FROM TURNED BAR - Steel AISI 316

Size	A mm	B mm	C mm	L1 mm	L2 mm	Weight Kg
M 4 x 62	30	30	6	25	37	0,03
M 5 x 78	35	40	7	30	48	0,05
M 6 x 90	35	45	8	35	55	0,07
M 8 x 100	35	52	10	38	62	0,11
M 8 x 120	45	62	10	47	73	0,14
M 10 x 130	50	62	12	55	75	0,25
M 12 x 150	60	65	14	65	85	0,4



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A577

STAINLESS STEEL BOLT WITH 2 NUTS + 2 WASHERS UNI EN 10088-3 - Steel AISI 304

Tube inch	Light					Heavy						
	D mm	d mm	F mm	H mm	I mm	Weight Kg	D mm	d mm	F mm	H mm	I mm	Weight Kg
1-8	11	M6	16	34	17	0,02						
1-4	14	M6	16	37	20	0,021						
3-8	18	M6	16	41	24	0,022						
1-2	22	M6	18	45	28	0,024	22	M8	25	55	30	0,052
3-4	27	M6	18	50	33	0,026	27	M8	25	59	35	0,055
1	34	M6	18	57	40	0,029	34	M8	25	67	42	0,061
1 1/4	43	M6	18	66	49	0,033	43	M8	25	75	51	0,068
1 1/2	49	M8	28	77	57	0,07	49	M10	36	87	59	0,128
2	61	M8	28	89	69	0,08	61	M10	36	99	71	0,142
2 1/2	77	M8	28	105	85	0,093	77	M10	36	115	87	0,164
3	89	M8	28	117	97	0,102	89	M10	36	127	99	0,186
3 1/2	102	M8	35	134	110	0,115	102	M12	45	148	114	0,296
4	115	M8	35	146	123	0,125	115	M12	45	162	127	0,32
5	140	M8	35	172	148	0,145	140	M12	45	186	152	0,366
6	168	M10	45	205	178	0,278						
8	220	M10	45	257	230	0,344						
10	274	M10	45	311	284	0,412						



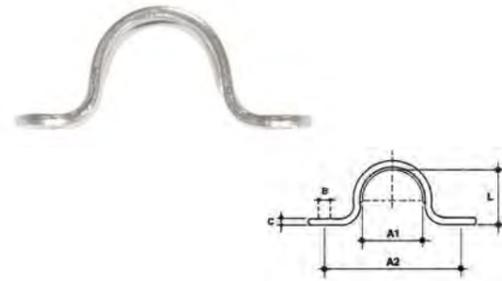
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A548

STAINLESS STEEL BRIDGE - Steel AISI 316

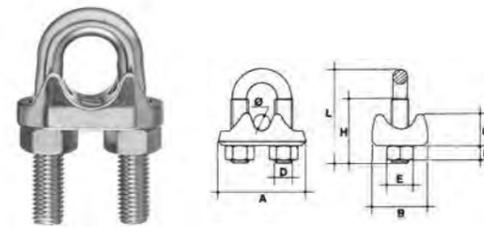
Size	L	A2	A1	B	C	Weight
	mm	mm	mm	mm	mm	Kg
10 x 11	10	30	11	4,2	1,5	0,004
13 x 15	13	34	15	5,2	2	0,01
17 x 20	17	40	20	5,2	3	0,02



A549

STAINLESS STEEL WIRE ROPE CLIP - Steel AISI 316

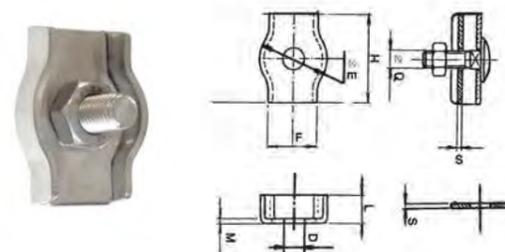
Size ø mm	A	B	C	E	F	H	L	D	Weight
	mm	mm	mm	mm	mm	mm	mm	mm	Kg
3-4	22	14	8	7	3,5	12	22	4	0,01
5	24	16	9	8	4	15	24	5	0,02
6	30	18	11	10	5	18	33	6	0,03
8	33	20	12	10	5	20	35	6	0,04
10	37	22	14	13	6,5	22	43	8	0,07
12	45	25	16	17	8	30	54	10	0,12
14	46	27	18	17	8	30	54	10	0,15
16	53	30	20	17	8	30	65	10	0,2
18	55	31,5	21	19	10	35	80	12	0,24
19-20	58	33	22	19	10	35	80	12	0,27
22	64	34	23	19	10	43	85	12	0,31
25	69	39	24	19	10	43	85	12	0,36
28	80	42	30	22	13	52	105	14	0,6
32	92	46	37	24	13	52	110	16	0,9



A550

STAINLESS STEEL SIMPLEX WIRE ROPE CLIP - Steel AISI 316

Rope ø mm	D	E	F	H	L	M	Q	S	Weight
	mm	mm	mm	mm	mm	mm	mm	mm	Kg
2	5	12	7,5	17,5	5	1	M 4	1	0,01
3	5	15	10	17,5	6,5	1,5	M 4	1,5	0,02
4	6,5	18	12	22	7,5	1,5	M 5	1,5	0,03
5	6,5	20	14	24	8,5	1,5	M 5	1,5	0,03
6	7	23	17	30	10	1,5	M 6	1,5	0,04
8	10	30	22	36	14	2	M 8	2	0,05
10	11	34	25	42	16	2	M 10	3	0,09

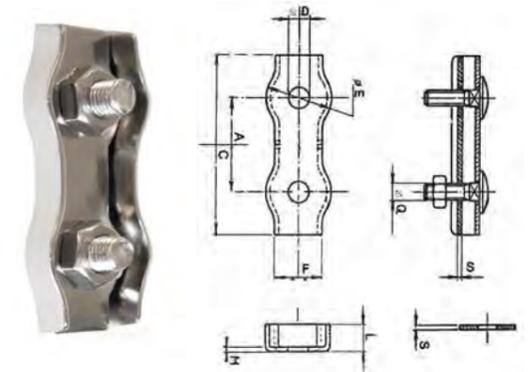


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A551

STAINLESS STEEL DUPLEX WIRE ROPE CLIP - Steel AISI 316

Rope ø mm	A	C	D	E	F	L	M	Q	S	Weight
	mm	mm	mm	mm	mm	mm	mm	mm	mm	Kg
2	20,5	38	5	12	7,5	5	1	M 4	1	0,01
3	20,5	38	5	15	10	6,5	1,5	M 4	1,5	0,03
4	25	47	6,5	18	12	7,5	1,5	M 5	1,5	0,03
5	27	51	6,5	20	14	8,5	1,5	M 5	1,5	0,03
6	33	63	7	23	17	10	1,5	M 6	1,5	0,05
8	42	76	10	30	22	14	2	M 8	2	0,1
10	46	88	11	34	25	16	2	M 10	3	0,18



A552

STAINLESS STEEL THIMBLE - Steel AISI 316

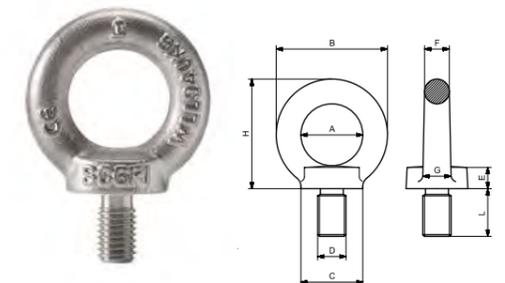
Size mm	A	B	C	S	Weight
	mm	mm	mm	mm	Kg
2	2	7	10	0,7	0,003
2,5	2,5	8	14	0,7	0,002
3	3	9	15	1	0,006
4	4	11	18	1	0,008
5	5	14	20	1,2	0,01
6	6	15	23	1,2	0,01
8	8	18	29	1,5	0,02
10	10	24	37	1,5	0,03
12	12	29	50	1,5	0,04
14	14	33	54	2	0,08
16	16	37	64	2	0,12
18	18	40	70	2,5	0,15
20	20	45	75	2,5	0,18
22	23	45	78	2,5	0,19
24	25	49	79	2,5	0,21
26	28	60	105	3	0,36
28	30	65	115	3	0,42
30	32	73	128	4	0,71



A553

STAINLESS STEEL EYE BOLT DIN 580 - Steel AISI 304/316 - Forged

Size	A	B	C	E	F	G	H	L	L	λ	λ	Max tightening torque	Weight	
	mm	mm	mm	mm	mm	mm	mm	mm	mm	SWL Kg	45° SWL Kg	90° SWL Kg	Nm	Kg
M 6	20	36	20	6	8	10	36	13	75	55	38	3,5	0,06	
M 8	20	36	20	6	8	10	36	13	140	100	70	8	0,06	
M 10	25	45	25	8	10	12	45	17	230	170	115	16	0,11	
M 12	30	54	30	10	12	14	53	20,5	340	240	170	28	0,18	
SIMILAR TO DN	M 14	30	54	30	10	12	14	53	500	240	170	45	0,19	
M 14	35	63	35	12	14	16	62	27	490	350	245	45	0,27	
M 16	35	63	35	12	14	16	62	27	700	500	350	70	0,28	
SIMILAR TO DN	M 18	35	63	35	12	14	16	62	930	500	350	95	0,33	
M 18	40	72	40	14	16	19	71	30	850	600	425	95	0,44	
M 20	40	72	40	14	16	19	71	30	1200	860	600	135	0,45	
SIMILAR TO DN	M 22	40	72	40	14	16	19	71	1500	860	600	182	0,5	
M 22	50	90	50	18	20	24	90	36	1400	1000	700	182	0,72	
M 24	50	90	50	18	20	24	90	36	1800	1290	900	230	0,74	
M 30	60	108	65	22	24	28	109	45	3200	2300	1600	465	1,66	



A584

STAINLESS STEEL EYE BOLT SIMILAR TO DIN 580 - Steel AISI 304/316 - Casted



Size	A	B	C	E	F	G	H	L	L	L	A	F	Max tightening torque	Weight
M 6	20	36	20	6	8	10	36	13	75	55	38	3,5	0,06	
M 8	20	36	20	6	8	10	36	13	140	100	70	8	0,06	
M 10	25	45	25	8	10	12	45	17	230	170	115	16	0,11	
M 12	30	54	30	10	12	14	53	20,5	340	240	170	28	0,18	
M 14 (BODY M 12)	30	54	30	10	12	14	53	20,5	500	240	170	45	0,19	
M 14	35	63	35	12	14	16	62	27	490	350	245	45	0,27	
M 16	35	63	35	12	14	16	62	27	700	500	350	70	0,28	
M 18 (BODY M 16)	35	63	35	12	14	16	62	27	930	500	350	95	0,33	
M 18	40	72	40	14	16	19	71	30	850	600	425	95	0,44	
M 20	40	72	40	14	16	19	71	30	1200	860	600	135	0,45	
M 24	50	90	50	18	20	24	90	36	1800	1290	900	230	0,74	



A554

STAINLESS STEEL EYE NUT DIN 582 - Steel AISI 304/316 - Forged



Size	A	B	C	E	F	G	H	L	L	L	A	F	Max tightening torque	Weight
M 6	20	36	20	8,5	8	10	36	75	55	38	3,5	0,05		
M 8	20	36	20	8,5	8	10	36	140	100	70	8	0,05		
M 10	25	45	25	10	10	12	45	230	170	115	16	0,09		
M 12	30	54	30	11	12	14	53	340	240	170	28	0,16		
SIMILAR TO DIN M 14	30	54	30	11	12	14	53	500	240	170	45	0,15		
M 14	35	63	35	13	14	16	62	490	350	245	45	0,24		
M 16	35	63	35	13	14	16	62	700	500	350	70	0,24		
SIMILAR TO DIN M 18	35	63	35	13	14	16	62	930	500	350	95	0,23		
M 18	40	72	40	16	16	19	71	850	600	425	95	0,37		
M 20	40	72	40	16	16	19	71	1200	860	600	135	0,36		
SIMILAR TO DIN M 22	40	72	40	16	16	19	71	1500	860	600	182	0,35		
M 22	50	90	50	20	20	24	90	1400	1000	700	182	0,73		
M 24	50	90	50	20	20	24	90	1800	1290	900	230	0,72		
M 30	60	108	65	25	24	28	109	3200	2300	1600	465	1,32		



A585

STAINLESS STEEL EYE NUT SIMILAR TO DIN 582 - Steel AISI 304/316 - Casted



Size	A	B	C	E	F	G	H	L	L	L	A	F	Max tightening torque	Weight
M 6	20	36	20	8,5	8	10	36	75	55	38	3,5	0,05		
M 8	20	36	20	8,5	8	10	36	140	100	70	8	0,05		
M 10	25	45	25	10	10	12	45	230	170	115	16	0,09		
M 12	30	54	30	11	12	14	53	340	240	170	28	0,16		
M 14 (BODY M 12)	30	54	30	11	12	14	53	500	240	170	45	0,15		
M 14	35	63	35	13	14	16	62	490	350	245	45	0,24		
M 16	35	63	35	13	14	16	62	700	500	350	70	0,24		
M 18 (BODY M 16)	35	63	35	13	14	16	62	930	500	350	95	0,23		
M 18	40	72	40	16	16	19	71	850	600	425	95	0,37		
M 20	40	72	40	16	16	19	71	1200	860	600	135	0,36		
M 24	50	90	50	20	20	24	90	1800	1290	900	230	0,72		



A556

STAINLESS STEEL RING BOLT WITH NUT AND TWO WASHERS - Steel AISI 316

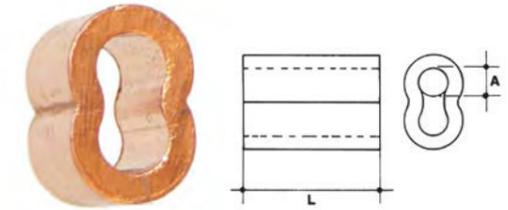
Size	A	B	D	E	L	Weight
	mm	mm	mm	mm	mm	Kg
M 10 x 85	44	6	10	39	85	0,11
M 10 x 100	44	6	10	39	104	0,13



A559

COPPER SLEEVE FOR PRESSING

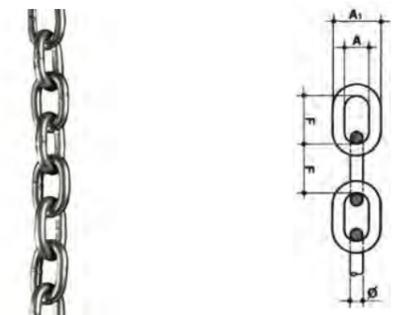
Type	Rope ø	A	L	Weight
	mm	mm	mm	Kg
1	2	2,5	9,5	0,001
2	2,5	3	10	0,01
3	3	4	14	0,01
4	4	5	16	0,01
5	5	6	23	0,02
6	6	7	22	0,02
8	8	9,5	27	0,05
10	10	11,5	33	0,06



A561

STAINLESS STEEL CHAIN - PROOF TYPE RR-C-271 - GRADE 43 - Steel AISI 316

Diameter	F	A	A1≈	S.W.L.	Weight
mm inch	mm	mm	mm	Kg	Kg/m
2 1/12	14,5	4,5	8,5	25	0,07
3 1/8	19	7	13	55	0,17
3,8 1/8	20,5	8	16	100	0,26
5 3/16	23	9,5	19,5	160	0,57
6 3/32	29	11	23	225	0,7
7 9/32	30,5	12,5	26,5	300	0,92
8 5/16	35	14,5	30,5	400	1,25
10 3/8	40	17,5	37,5	630	2,09
13 1/2	47,5	20,5	46,5	1000	3,49
16 5/8	55	25	57	1600	5,02



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A562

STAINLESS STEEL CHAIN - DIN 766 - GRADE 50 - Steel AISI 316

Diameter mm	F mm	A mm	A1= mm	S.W.L. Kg	Weight Kg/m
4	16	6	14	200	0,32
5	18,5	7	17	320	0,5
6	18,5	8	20	400	0,75
7	22	9	23	630	1
8	24	10	26	800	1,35
10	28	14	34	1250	2,25
13	36	18	44	2000	3,9
16	45	22	54	3200	5,8

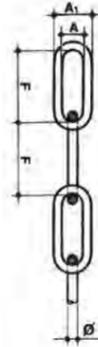


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A563

STAINLESS STEEL CHAIN - DIN 763/DIN 5685 C - GRADE 50 - Steel AISI 316

Diameter mm	F mm	A mm	A1= mm	S.W.L. Kg	Weight Kg/m
2	22	4	8	30	0,06
3	26	6	12	60	0,15
4	32	8	16	100	0,27
5	35	10	20	160	0,43
6	42	12	24	200	0,63
7	49	14	28	300	0,86
8	52	16	32	400	1,1
10	65	20	40	630	1,75
13	82	26	52	1000	2,95
16	100	32	64	1600	4,45

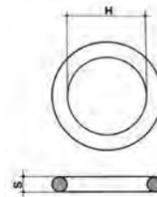


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A564

STAINLESS STEEL ROUND RING - Steel AISI 316

Size mm	S mm	H mm	Weight Kg	Size mm	S mm	H mm	Weight Kg
3 X 20	3	20	0,08	8 x 50	8	50	0,07
5 x 25	5	25	0,01	8 x 55	8	55	0,07
5 x 30	5	30	0,01	8 x 60	8	60	0,08
5 x 35	5	35	0,02	8 x 65	8	65	0,09
5 x 40	5	40	0,02	8 x 70	8	70	0,09
5 x 45	5	45	0,03	8 x 75	8	75	0,1
5 x 50	5	50	0,02	9 x 50	9	50	0,09
6 x 30	6	30	0,02	9 x 60	9	60	0,1
6 x 35	6	35	0,03	9 x 70	9	70	0,12
6 x 40	6	40	0,03	9 x 80	9	80	0,14
6 x 45	6	45	0,04	10 x 50	10	50	0,1
6 x 50	6	50	0,04	10 x 60	10	60	0,13
6 x 55	6	55	0,04	10 x 70	10	70	0,15
6 x 60	6	60	0,04	10 x 80	10	80	0,17
8 x 40	8	40	0,06	10 x 90	10	90	0,19
8 x 45	8	45	0,06	10 x 100	10	100	0,21



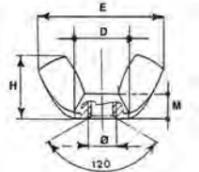
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A568

STAINLESS STEEL WING NUT - AMERICAN FORM - UNI 5448-71 - Steel AISI 304

Size Ø	D mm	E mm	H mm	M mm	Weight Kg
M 3	8	17,6	8,6	2,9	0,002
M 4	8	17,6	8,6	2,9	0,002
M 5	10,3	22,5	11	4,1	0,003
M 6	12,7	27,8	13,6	5,1	0,01
M 8	13,8	30,3	14,8	5,6	0,01
M 10	16,5	36,2	17,7	6,8	0,01
M 12	22,5	49,4	24,1	9	0,03
M 14	26,6	58,3	28,5	10,7	0,06
M 16	26,6	58,3	28,5	10,7	0,06
M 18	29,5	68,5	33,8	13,5	0,07
M 20	29,5	68,5	33,8	13,5	0,08

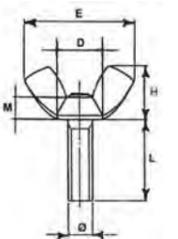


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A569

STAINLESS STEEL WING SCREW - AMERICAN FORM - UNI 5449-71 - Steel AISI 304

Size Ø	D mm	E mm	H mm	M mm	L mm	Weight Kg
M 3 x 10	8	17,6	8,6	2,9	10	0,026
M 3 x 15	8	17,6	8,6	2,9	15	0,028
M 3 x 20	8	17,6	8,6	2,9	20	0,03
M 3 x 25	8	17,6	8,6	2,9	25	0,032
M 3 x 30	8	17,6	8,6	2,9	30	0,034
M 4 x 10	8	17,6	8,6	2,9	10	0,03
M 4 x 15	8	17,6	8,6	2,9	15	0,032
M 4 x 20	8	17,6	8,6	2,9	20	0,036
M 4 x 25	8	17,6	8,6	2,9	25	0,04
M 4 x 30	8	17,6	8,6	2,9	30	0,043
M 5 x 10	10,3	22,5	11	4,1	10	0,052
M 5 x 15	10,3	22,5	11	4,1	15	0,056
M 5 x 20	10,3	22,5	11	4,1	20	0,06
M 5 x 25	10,3	22,5	11	4,1	25	0,067
M 5 x 30	10,3	22,5	11	4,1	30	0,074
M 5 x 35	10,3	22,5	11	4,1	35	0,08
M 6 x 10	12,7	27,8	13,6	5,1	10	0,096
M 6 x 15	12,7	27,8	13,6	5,1	15	0,104
M 6 x 20	12,7	27,8	13,6	5,1	20	0,11
M 6 x 25	12,7	27,8	13,6	5,1	25	0,116
M 6 x 30	12,7	27,8	13,6	5,1	30	0,123
M 6 x 35	12,7	27,8	13,6	5,1	35	0,132
M 6 x 40	12,7	27,8	13,6	5,1	40	0,141
M 8 x 10	13,8	30,3	14,8	5,6	10	0,126
M 8 x 15	13,8	30,3	14,8	5,6	15	0,143
M 8 x 20	13,8	30,3	14,8	5,6	20	0,16
M 8 x 25	13,8	30,3	14,8	5,6	25	0,177
M 8 x 30	13,8	30,3	14,8	5,6	30	0,195
M 8 x 35	13,8	30,3	14,8	5,6	35	0,207
M 8 x 40	13,8	30,3	14,8	5,6	40	0,22
M 8 x 45	13,8	30,3	14,8	5,6	45	0,236
M 8 x 50	13,8	30,3	14,8	5,6	50	0,25
M 10 x 20	16,5	36,2	17,7	6,8	20	0,282
M 10 x 25	16,5	36,2	17,7	6,8	25	0,297
M 10 x 30	16,5	36,2	17,7	6,8	30	0,322
M 10 x 35	16,5	36,2	17,7	6,8	35	0,342
M 10 x 40	16,5	36,2	17,7	6,8	40	0,358
M 10 x 45	16,5	36,2	17,7	6,8	45	0,377
M 10 x 50	16,5	36,2	17,7	6,8	50	0,402
M 10 x 55	16,5	36,2	17,7	6,8	55	0,434
M 10 x 60	16,5	36,2	17,7	6,8	60	0,47
M 12 x 25	22,5	49,4	24,1	9	25	0,573
M 12 x 30	22,5	49,4	24,1	9	30	0,595
M 12 x 35	22,5	49,4	24,1	9	35	0,628
M 12 x 40	22,5	49,4	24,1	9	40	0,67
M 12 x 45	22,5	49,4	24,1	9	45	0,71
M 12 x 50	22,5	49,4	24,1	9	50	0,755
M 12 x 55	22,5	49,4	24,1	9	55	0,782
M 12 x 60	22,5	49,4	24,1	9	60	0,81



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STROPS



STROPS LIFTING SLINGS AND LASHING SYSTEMS

The lifting slings in the Stropps range are designed to ensure maximum user safety, through full compliance with European industry regulations,

production quality and the treatments guaranteeing their reliability and durability over time.

STROPS

POLYESTER EYESLINGS



High quality eyeslings for lifting purpose, made of woven PES, form-stabilized, drawn and finished, with low elongation.

- Produced according to DIN EN 1492-1
- Safety factor 7
- Color-Code according to European standard
- EU- machine directive CE 89392 CEE II A

Loop with standard reinforcement



Webbing coupling link CARTEC 80

Joker hook for web sling

C41 1t 30 mm

POLYESTER HIGH QUALITY 1 TON PURPLE SLING FOR LIFTING 30 mm - UNI EN 1492-1



Code	Lenght mt	W.L.L. Single Kg	W.L.L. Basket Kg	Width x thickness mm	Lenght of loop mm	Width of loop mm
C41010050	0,5	1000	2000	30X7	200	15
C41010100	1	1000	2000	30X7	200	15
C41010150	1,5	1000	2000	30X7	200	15
C41010200	2	1000	2000	30X7	200	15
C41010250	2,5	1000	2000	30X7	200	15
C41010300	3	1000	2000	30X7	200	15
C41010400	4,5	1000	2000	30X7	200	15
C41010500	5	1000	2000	30X7	200	15
C41010600	6	1000	2000	30X7	200	15
C41010800	8	1000	2000	30X7	200	15
C41011000	10	1000	2000	30X7	200	15
C41011200	12	1000	2000	30X7	200	15

C41 1t 50 mm

POLYESTER HIGH QUALITY 1 TON PURPLE SLING FOR LIFTING 50 mm - UNI EN 1492-1



Code	Lenght mt	W.L.L. Single Kg	W.L.L. Basket Kg	Width x thickness mm	Lenght of loop mm	Width of loop mm
C4101005050	0,5	1000	2000	50X7	200	15
C4101010050	1	1000	2000	50X7	200	15
C4101015050	1,5	1000	2000	50X7	200	15
C4101020050	2	1000	2000	50X7	200	15
C4101025050	2,5	1000	2000	50X7	200	15
C4101030050	3	1000	2000	50X7	200	15
C4101040050	4,5	1000	2000	50X7	200	15
C4101050050	5	1000	2000	50X7	200	15
C4101060050	6	1000	2000	50X7	200	15

STROPS

C41 2t

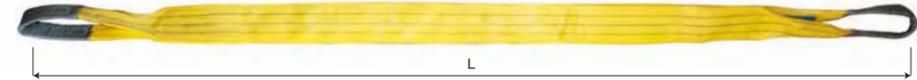
POLYESTER HIGH QUALITY 2 TON GREEN SLING FOR LIFTING - UNI EN 1492-1



Code	Lenght mt	W.L.L. Single Kg	W.L.L. Basket Kg	Width x thickness mm	Lenght of loop mm	Width of loop mm
C41020100	1	2000	4000	60X7	300	30
C41020150	1,5	2000	4000	60X7	300	30
C41020200	2	2000	4000	60X7	300	30
C41020250	2,5	2000	4000	60X7	300	30
C41020300	3	2000	4000	60X7	300	30
C41020400	4	2000	4000	60X7	300	30
C41020500	5	2000	4000	60X7	300	30
C41020600	6	2000	4000	60X7	300	30
C41020800	8	2000	4000	60X7	300	30
C41021000	10	2000	4000	60X7	300	30
C41021200	12	2000	4000	60X7	300	30

C41 3t

POLYESTER HIGH QUALITY 3 TON YELLOW SLING FOR LIFTING - UNI EN 1492-1



Code	Lenght mt	W.L.L. Single Kg	W.L.L. Basket Kg	Width x thickness mm	Lenght of loop mm	Width of loop mm
C41030100	1	3000	6000	90X7	350	30
C41030150	1,5	3000	6000	90X7	350	30
C41030200	2	3000	6000	90X7	350	30
C41030250	2,5	3000	6000	90X7	350	30
C41030300	3	3000	6000	90X7	350	30
C41030400	4	3000	6000	90X7	350	30
C41030500	5	3000	6000	90X7	350	30
C41030600	6	3000	6000	90X7	350	30
C41030800	8	3000	6000	90X7	350	30
C41031000	10	3000	6000	90X7	350	30
C41031200	12	3000	6000	90X7	350	30

C41 4t

POLYESTER HIGH QUALITY 4 TON GRAY SLING FOR LIFTING - UNI EN 1492-1

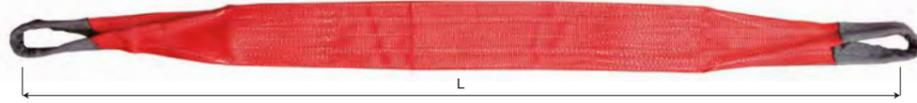


Code	Lenght mt	W.L.L. Single Kg	W.L.L. Basket Kg	Width x thickness mm	Lenght of loop mm	Width of loop mm
C41040100	1	4000	8000	120X7	425	40
C41040150	1,5	4000	8000	120X7	425	40
C41040200	2	4000	8000	120X7	425	40
C41040250	2,5	4000	8000	120X7	425	40
C41040300	3	4000	8000	120X7	425	40
C41040400	4	4000	8000	120X7	425	40
C41040500	5	4000	8000	120X7	425	40
C41040600	6	4000	8000	120X7	425	40
C41040800	8	4000	8000	120X7	425	40
C41041000	10	4000	8000	120X7	425	40
C41041200	12	4000	8000	120X7	425	40

STROPS

C41 5t

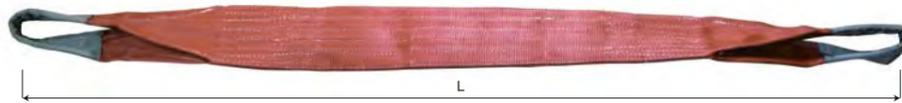
POLYESTER HIGH QUALITY 5 TON RED SLING FOR LIFTING - UNI EN 1492-1



Code	Lenght mt	W.L.L. Single Kg	W.L.L. Basket Kg	Width x thickness mm	Lenght of loop mm	Width of loop mm
C41050100	1	5000	10000	150X7	500	50
C41050150	1,5	5000	10000	150X7	500	50
C41050200	2	5000	10000	150X7	500	50
C41050250	2,5	5000	10000	150X7	500	50
C41050300	3	5000	10000	150X7	500	50
C41050400	4	5000	10000	150X7	500	50
C41050500	5	5000	10000	150X7	500	50
C41050600	6	5000	10000	150X7	500	50
C41050800	8	5000	10000	150X7	500	50
C41051000	10	5000	10000	150X7	500	50
C41051200	12	5000	10000	150X7	500	50

C41 6t

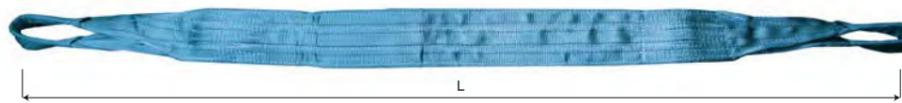
POLYESTER HIGH QUALITY 6 TON BROWN SLING FOR LIFTING - UNI EN 1492-1



Code	Lenght mt	W.L.L. Single Kg	W.L.L. Basket Kg	Width x thickness mm	Lenght of loop mm	Width of loop mm
C41060200	2	6000	12000	180X7	550	60
C41060300	3	6000	12000	180X7	550	60
C41060400	4	6000	12000	180X7	550	60
C41060500	5	6000	12000	180X7	550	60
C41060600	6	6000	12000	180X7	550	60
C41060800	8	6000	12000	180X7	550	60
C41061000	10	6000	12000	180X7	550	60
C41061200	12	6000	12000	180X7	550	60

C41 8t

POLYESTER HIGH QUALITY 8 TON BLUE SLING FOR LIFTING - UNI EN 1492-1



Code	Lenght mt	W.L.L. Single Kg	W.L.L. Basket Kg	Width x thickness mm	Lenght of loop mm	Width of loop mm
C41080200	2	8000	16000	240X7	600	80
C41080300	3	8000	16000	240X7	600	80
C41080400	4	8000	16000	240X7	600	80
C41080500	5	8000	16000	240X7	600	80
C41080600	6	8000	16000	240X7	600	80
C41080700	7	8000	16000	240X7	600	80
C41080800	8	8000	16000	240X7	600	80
C41081000	10	8000	16000	240X7	600	80
C41081200	12	8000	16000	240X7	600	80

STROPS

C41 10t

POLYESTER HIGH QUALITY 10 TON ORANGE SLING FOR LIFTING - UNI EN 1492-1



Code	Lenght mt	W.L.L. Single Kg	W.L.L. Basket Kg	Width x thickness mm	Lenght of loop mm	Width of loop mm
C41100200	2	10000	20000	300X10	750	100
C41100300	3	10000	20000	300X10	750	100
C41100400	4	10000	20000	300X10	750	100
C41100500	5	10000	20000	300X10	750	100
C41100600	6	10000	20000	300X10	750	100
C41100800	8	10000	20000	300X10	750	100
C41101000	10	10000	20000	300X10	750	100
C41101200	12	10000	20000	300X10	750	100

STROPS

POLYESTER ROUNDSLINGS

Roundslings for lifting purpose (PES), with abrasion resistant single cover, WLL printed on the cover

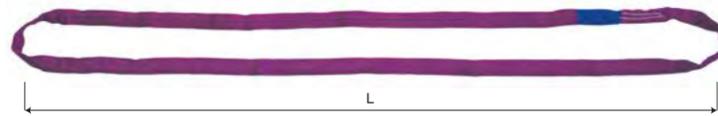
Terminology

WLL Working Load Limit
PES Polyester
PA Nylon
PP Polypropylene

- Made according to DIN EN 1492-2
- Safety factor 7
- Color-Code according to european standard
- EU machine regulation CE 89392 CEE II A

C42 1t

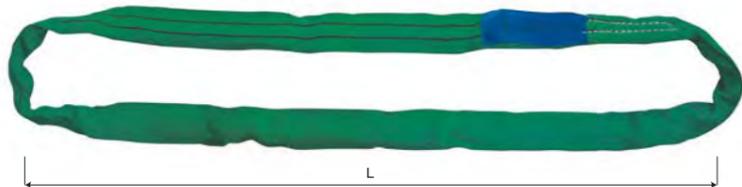
POLYESTER HIGH QUALITY 1 TON PURPLE ROUNDSLING FOR LIFTING - UNI EN 1492-2



Code	Lenght mt	Circumference mt	W.L.L. Kg
C42010100	0,5	1	1000
C42010200	1	2	1000
C42010300	1,5	3	1000
C42010400	2	4	1000
C42010500	2,5	5	1000
C42010600	3	6	1000
C42010800	4	8	1000
C42011000	5	10	1000
C42011200	6	12	1000
C42011600	8	16	1000

C42 2t

POLYESTER HIGH QUALITY 2 TON GREEN ROUNDSLING FOR LIFTING - UNI EN 1492-2

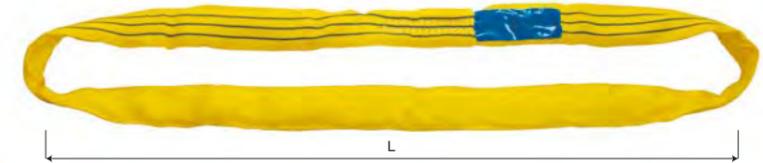


Code	Lenght mt	Circumference mt	W.L.L. Kg
C42020100	0,5	1	2000
C42020200	1	2	2000
C42020300	1,5	3	2000
C42020400	2	4	2000
C42020500	2,5	5	2000
C42020600	3	6	2000
C42020800	4	8	2000
C42021000	5	10	2000
C42021200	6	12	2000
C42021600	8	16	2000

STROPS

C42 3t

POLYESTER HIGH QUALITY 3 TON YELLOW ROUNDSLING FOR LIFTING - UNI EN 1492-2



Code	Lenght mt	Circumference mt	W.L.L. Kg
C42030200	1	2	3000
C42030300	1,5	3	3000
C42030400	2	4	3000
C42030500	2,5	5	3000
C42030600	3	6	3000
C42030800	4	8	3000
C42031000	5	10	3000
C42031200	6	12	3000
C42031600	8	16	3000

C42 4t

POLYESTER HIGH QUALITY 4 TON GRAY ROUNDSLING FOR LIFTING - UNI EN 1492-2

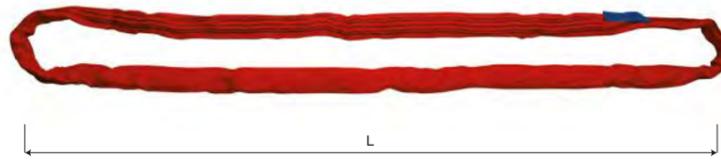


Code	Lenght mt	Circumference mt	W.L.L. Kg
C42040200	1	2	4000
C42040300	1,5	3	4000
C42040400	2	4	4000
C42040500	2,5	5	4000
C42040600	3	6	4000
C42040800	4	8	4000
C42041000	5	10	4000
C42041200	6	12	4000
C42041600	8	16	4000

STROPS

C42 5t

POLYESTER HIGH QUALITY 5 TON RED ROUNDSLING FOR LIFTING - UNI EN 1492-2

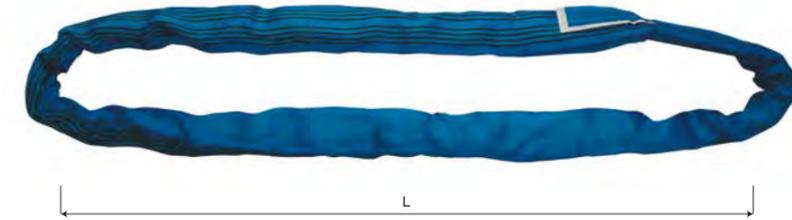


Code	Lenght mt	Circumference mt	W.L.L. Kg
C42050200	1	2	5000
C42050300	1,5	3	5000
C42050400	2	4	5000
C42050500	2,5	5	5000
C42050600	3	6	5000
C42050800	4	8	5000
C42051000	5	10	5000
C42051200	6	12	5000
C42051600	8	16	5000

STROPS

C42 8t

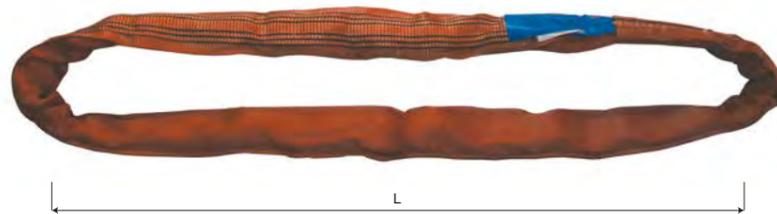
POLYESTER HIGH QUALITY 8 TON BLUE ROUNDSLING FOR LIFTING - UNI EN 1492-2



Code	Lenght mt	Circumference mt	W.L.L. Kg
C42080200	1	2	8000
C42080300	1,5	3	8000
C42080400	2	4	8000
C42080500	2,5	5	8000
C42080600	3	6	8000
C42080800	4	8	8000
C42081000	5	10	8000
C42081200	6	12	8000
C42081600	8	16	8000

C42 6t

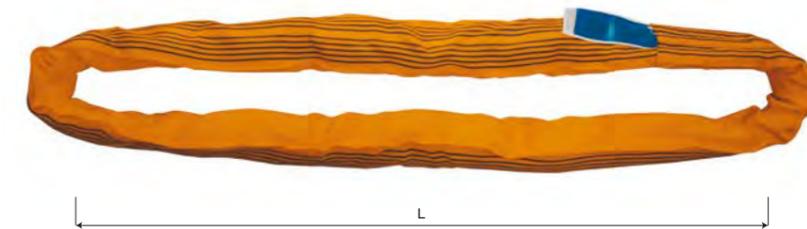
POLYESTER HIGH QUALITY 6 TON BROWN ROUNDSLING FOR LIFTING - UNI EN 1492-2



Code	Lenght mt	Circumference mt	W.L.L. Kg
C42060200	1	2	6000
C42060300	1,5	3	6000
C42060400	2	4	6000
C42060500	2,5	5	6000
C42060600	3	6	6000
C42060800	4	8	6000
C42061000	5	10	6000
C42061200	6	12	6000
C42061600	8	16	6000

C42 10t

POLYESTER HIGH QUALITY 10 TON ORANGE ROUNDSLING FOR LIFTING - UNI EN 1492-2



Code	Lenght mt	Circumference mt	W.L.L. Kg
C42100200	1	2	10000
C42100300	1,5	3	10000
C42100400	2	4	10000
C42100500	2,5	5	10000
C42100600	3	6	10000
C42100800	4	8	10000
C42101000	5	10	10000
C42101200	6	12	10000
C42101600	8	16	10000

STROPS

LASHING SYSTEMS

Lashing systems for lifting purposes, with polyester structure, low elongation and with wear-resistant treatment to counter the effects of friction and abrasion.

- Galvanised tensioner for prolonged service life!
- Products complying with DIN EN 12195-2.

Terminology

WLL Working load limit
STF Standard tension force



LC Lashing capacity



daN deka-Newton

PES Polyester

PA Nylon

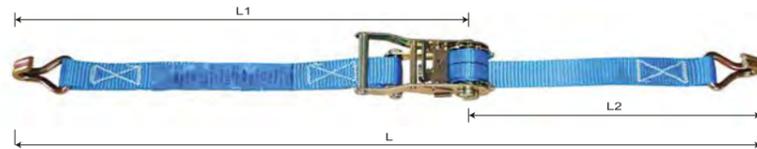
PP Polypropylene

C43 500 daN

500 daN LIGHT BLUE LASHING SYSTEM WITH PROFILE HOOK - UNI EN 12195-2



Profile hook



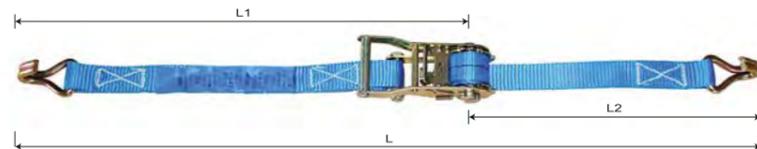
Code	L1 mt	L2 mt	L mt	LC daN	STF daN	Width mm
C43A10400	0,5	3,5	4	500	220	25

C43 750 daN

750 daN LIGHT BLUE LASHING SYSTEM WITH PROFILE HOOK - UNI EN 12195-2



Profile hook



Code	L1 mt	L2 mt	L mt	LC daN	STF daN	Width mm
C43A15400	0,5	3,5	4	750	220	25
C43A15600	0,5	5,5	6	750	220	25

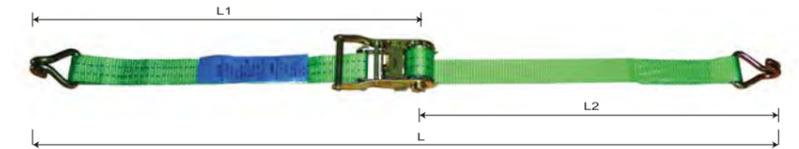
STROPS

C43 1000 daN

1000 daN GREEN LASHING SYSTEM WITH PROFILE HOOK - UNI EN 12195-2



Profile hook



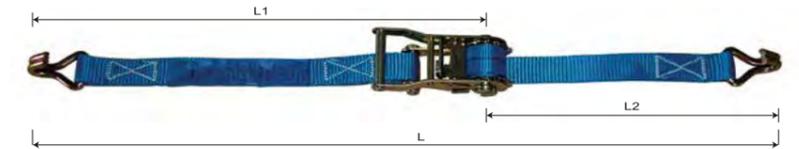
Code	L1 mt	L2 mt	L mt	LC daN	STF daN	Width mm
C43A20600	0,5	5,5	6	1000	220	35

C43 2000 daN

2000 daN BLUE LASHING SYSTEM WITH PROFILE HOOK - UNI EN 12195-2



Profile hook



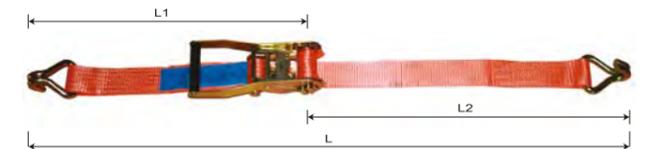
Code	L1 mt	L2 mt	L mt	LC daN	STF daN	Width mm
C43A40800	0,5	7,5	8	2000	500	50
C43A40900	0,5	8,5	9	2000	500	50

C43 2500 daN

2500 daN ORANGE LASHING SYSTEM WITH PROFILE HOOK - UNI EN 12195-2



Profile hook



Code	L1 mt	L2 mt	L mt	LC daN	STF daN	Width mm
C43A50800	0,5	7,5	8	2500	500	50
C43A50900	0,5	8,5	9	2500	500	50

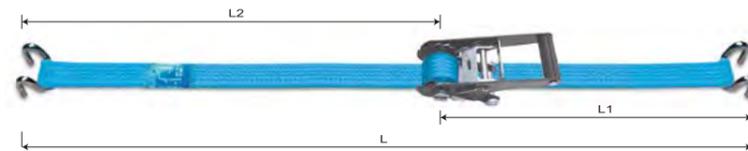
STROPS

C43 500 daN

500 daN LIGHT BLUE LASHING SYSTEM WITH CLAW HOOK - UNI EN 12195-2



Claw hook



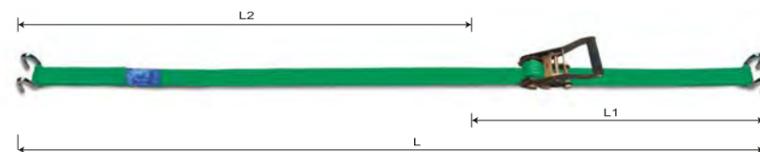
Code	L1 mt	L2 mt	L mt	LC daN	STF daN	Width mm
C43B10400	0,5	3,5	4	500	220	25

C43 1000 daN

1000 daN GREEN LASHING SYSTEM WITH CLAW HOOK - UNI EN 12195-2



Claw hook



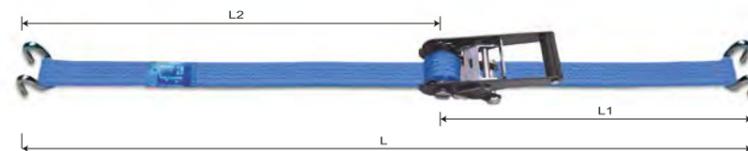
Code	L1 mt	L2 mt	L mt	LC daN	STF daN	Width mm
C43B20600	0,5	3,5	4	1000	220	35

C43 2000 daN

2000 daN BLUE LASHING SYSTEM WITH CLAW HOOK - UNI EN 12195-2



Claw hook



Code	L1 mt	L2 mt	L mt	LC daN	STF daN	Width mm
C43B40800	0,5	7,5	8	2000	500	50
C43B40900	0,5	8,5	9	2000	500	50

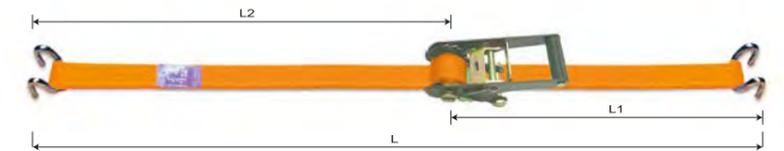
STROPS

C43 2500 daN

2500 daN ORANGE LASHING SYSTEM WITH CLAW HOOK - UNI EN 12195-2



Claw hook

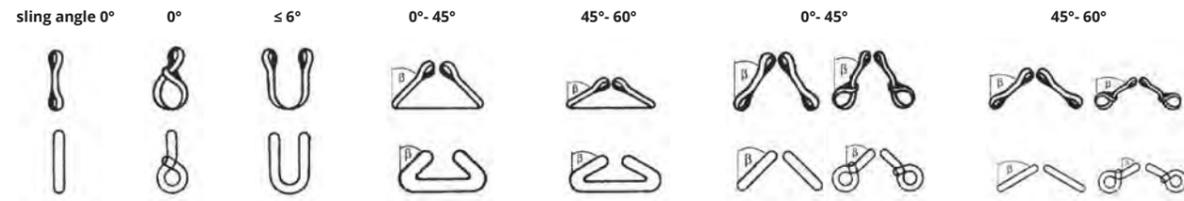


Code	L1 mt	L2 mt	L mt	LC daN	STF daN	Width mm
C43B50800	0,5	7,5	8	2500	500	50
C43B50900	0,5	8,5	9	2500	500	50

STROPS

EYESLINGS/ROUNDSLINGS

RATED CAPACITY TABLE



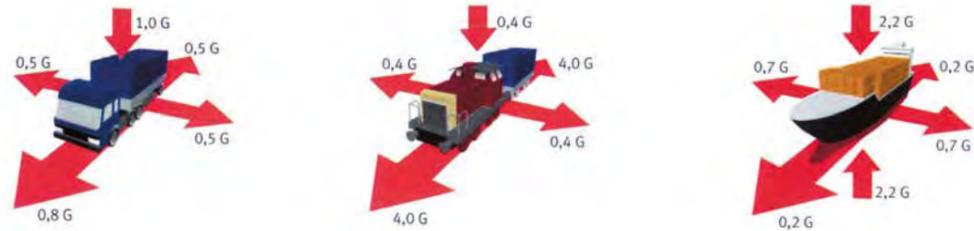
WORKING LOAD LIMIT W.L.L. (Kg)

1000	800	2000	1400	1000	1400	1120	1000	800
2000	1600	4000	2800	2000	2800	2240	2000	1600
3000	2400	6000	4200	3000	4200	3360	3000	2400
4000	3200	8000	5600	4000	5600	4480	4000	3200
5000	4000	10000	7000	5000	7000	5600	5000	4000
6000	4800	12000	8400	6000	8400	6720	6000	4800
8000	6400	16000	11200	8000	11200	8960	8000	6400
10000	8000	20000	14000	10000	14000	11200	10000	8000
12000	9600	24000	16800	12000	16800	13400	12000	9600
15000	12000	30000	21000	15000	21000	16800	15000	12000
20000	16000	40000	28000	20000	28000	22400	20000	16000
25000	20000	50000	35000	25000	35000	28000	25000	20000

⚠ * Object not suitable for lifting things or people
The W.L.L. of the accessories not suitable for lifting is approximate

SIMPLIFICATION OF LIMIT STRESS FORCES

G = weight of the load



Sizes of these items are not binding.
We reserve our possibility to modify technical and constructive details of our products whenever and without prior notice.

Respect for our surroundings

CARCANO SPA, a company on the green hills of Lake Como considers the implementation of all-round quality in the company, as well as the quality of its products, an absolutely essential aspect: from raw materials to production processes, testing and certifications... with a particular focus also on the well-being of its workers and safety in the workplace. Our quality management system, with twenty years' certification behind it, has been extended to all activities affecting the safety of workers and the outside environment, as part of the most up-to-date concept for an integrated management system which an internationally high-profile company needs to guarantee in today's world.

The completion of this process of innovation lies in the implementation of the 231 Organisational Model aiming to spread the word with our customers and suppliers about our code of ethical behaviour which has been a feature of our way of doing business since the very first day. Quality and certification - CARCANO SPA's quality system has been run in compliance with the reference EN ISO 9001 standards since 1995, and since 2014 it has been DNV certified. In 1997 CARCANO SPA also achieved approval from the German entity DGUV. CARCANO was then also awarded the 14001 environmental certification, demonstrating its ability to maintain control over the impact of its business on the environment and confirming its precise commitment towards ongoing improvements.



General contractual terms and conditions

To view the general contractual terms and conditions,
please scan the QR code or go to
www.carcano.it





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