acma

ANCHORED IN EXCELLENCE

MARINE CATALOGUE

HIGH-QUALITY FRENCH MANUFACTURING OF STAINLESS STEEL COMPONENTS

acmo

French Expertise for Over 55 Years

For more than 55 years, ACMO has been designing and manufacturing premium stainless steel solutions in France for the marine, architectural and industrial sectors.

Located in Glay, in eastern France, our company is built on decades of recognized industrial expertise and a unique technical database developed over the years. This extensive know-how enables us to deliver both standard products and fully customized solutions.

Every component is manufactured with the same high level of precision. From machining to hand polishing, every stage of production is carefully controlled to ensure reliable, durable and aesthetically refined products. This constant commitment to quality has earned ACMO a strong reputation among customers in France and around the world.

Our product range includes turnbuckles, terminals, toggles, stainless steel wire ropes, rigging accessories and complete rigging systems, all designed to withstand the most demanding marine environments.

Beyond the marine industry, our expertise also extends to architecture, with solutions for glass structures, footbridges and cable-supported structures, as well as to mobility, industry and a wide range of custom technical projects.

At ACMO, one conviction has guided us for over 55 years: performance begins with precision. That is why we rely on carefully selected European raw materials, controlled French manufacturing, responsive service and uncompromising quality standards to create reliable, durable solutions built to stand the test of time.

Anchored in Excellence.

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1. ACMO : A COMMITMENT TO QUALITY AND RESPONSIVENESS

Driven by Excellence for Over 55 Years

For more than 55 years, quality has been at the heart of everything we do. From the selection of raw materials to final inspection, every stage of production is carried out with the same attention to detail to ensure reliable, durable and high-performance products.

This commitment is deeply rooted in our DNA and is supported by carefully selected European materials and manufacturing carried out entirely in France, ensuring complete control, full traceability and outstanding quality.

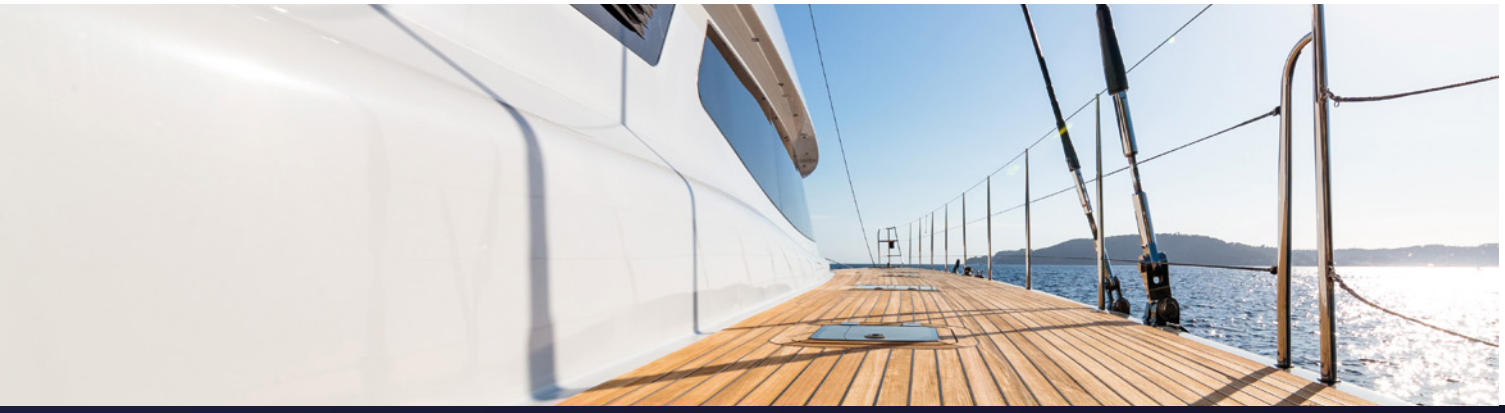
Hand polishing, performed by our skilled technicians, provides a premium finish while improving corrosion resistance by creating a smoother surface that is easier to maintain.

To ensure complete product traceability, ACMO turnbuckles are permanently marked on both the body and the swaged terminal. This marking includes the ACMO logo, a unique identification number, and the month and year of manufacture, allowing each product to be precisely identified. In addition, all our raw materials are supplied with material certificates, ensuring full traceability from procurement to the finished product.

Our responsiveness and technical expertise enable us to provide fast, tailored support, from the initial design stage through to manufacturing.

Our Commitments

- French Manufacturing: Complete control of the production process, from design to final inspection.
- European Materials: Carefully selected for their quality, reliability and performance.
- Responsiveness: Fast, personalised technical support to meet your specific requirements.
- Quality Control: Rigorous inspection at every stage of production.
- Traceability: Turnbuckles are identified by permanent marking (ACMO logo, identification number, month and year of manufacture), while material certificates ensure full traceability of raw materials.
- Custom Solutions: Products designed to meet the specific requirements of every project.



2. OUR MATERIALS

Materials and Manufacturing Processes

A Commitment to Quality

The reliability of standing rigging depends as much on the quality of the materials as on the manufacturing processes used. That is why we exclusively select raw materials produced in Europe from suppliers renowned for their metallurgical expertise and consistent production quality. This commitment ensures full traceability, consistent mechanical properties and reliable product quality.

316L Stainless Steel

Most of our components are manufactured from 316L austenitic stainless steel, the benchmark alloy for demanding marine applications.

Composed primarily of chromium (16–18%), nickel (10–14%) and molybdenum (2–3%), 316L combines excellent mechanical strength with outstanding corrosion resistance. Its low carbon content further improves resistance to intergranular corrosion.

Like all stainless steels, 316L is protected by a chromium-rich passive layer that naturally reforms if the surface is damaged. The addition of molybdenum enhances resistance to chloride-rich environments, reducing the risk of pitting corrosion and making 316L the preferred material for marine applications.

Its austenitic structure also provides excellent ductility, high toughness and outstanding fatigue resistance, making it particularly suitable for highly loaded components.

CuAl10Ni5Fe4 Bronze

Our open-body turnbuckle bodies (RO) are manufactured from CuAl10Ni5Fe4 copper-aluminium alloy, a high-performance bronze widely used in marine applications.

This alloy offers excellent seawater corrosion resistance, outstanding wear resistance and a low risk of galling when in contact with stainless steel components. The bodies are then chrome-plated to provide a highly durable finish and a premium appearance.

Manufacturing Processes Designed for Performance

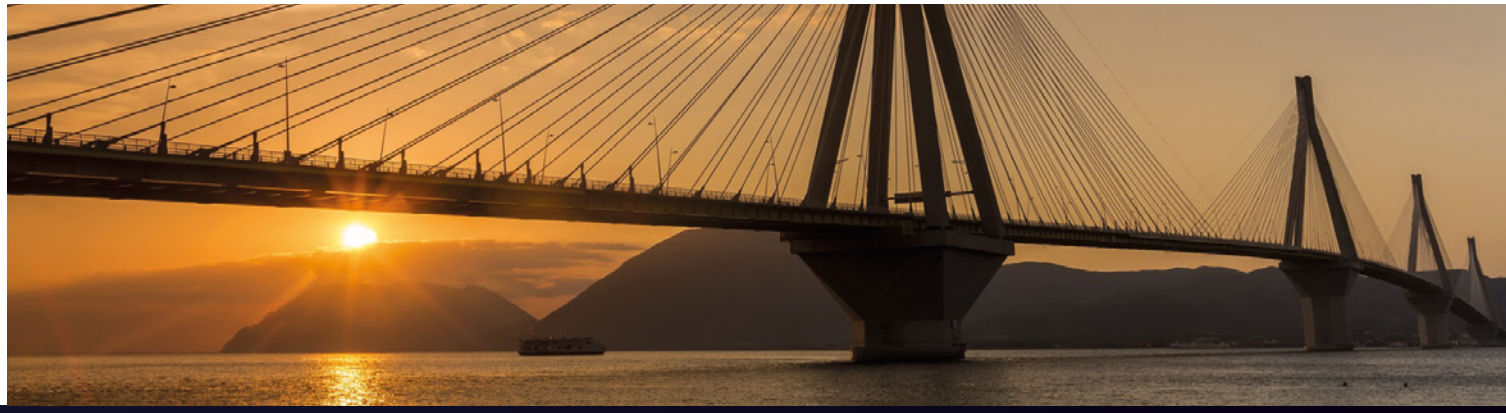
The performance of a component also depends on the manufacturing process used. We favour techniques that preserve the metallurgical integrity of the material while enhancing its mechanical properties.

Threads are produced by thread rolling. This process forms the thread without removing material, creating surface work hardening that significantly improves fatigue strength and thread durability.

Forging and closed-die forging align the metal grain flow with the geometry of the component, providing superior tensile strength, impact resistance and resistance to repeated loading compared with machined parts.

Finally, mechanical swaging ensures permanent, precise and reliable assemblies while preserving the mechanical properties of the materials.

The combination of premium materials, European raw materials and advanced manufacturing processes enables ACMO to deliver components offering the highest levels of safety, strength and durability for the most demanding marine environments.



3. COMPLETE RIGGING SYSTEMS

Every yacht has its own characteristics and requires rigging specifically designed for its configuration. Backed by more than 55 years of experience, ACMO designs and manufactures custom complete rigging systems that combine performance, safety and durability.

Thanks to a technical database developed over decades, we are able to analyse the specifications of a wide range of sailing yachts and provide solutions perfectly suited to their original design or subsequent modifications.

Our rigging systems are manufactured using stainless steel wire ropes, terminals and accessories carefully selected for their reliability. Each assembly is designed to ensure perfect compatibility between all components and optimum performance under sailing conditions.

Depending on the requirements of each project, ACMO supplies complete ready-to-install rigging systems, custom swaged wire assemblies or individual components, allowing us to meet the technical requirements of every yacht and the preferences of our customers.

Our team supports every project from the initial technical assessment through to manufacturing, delivering solutions precisely tailored to each yacht and our customers' expectations.

Over the years, ACMO has manufactured rigging systems for many leading yacht builders, including Amel, Beneteau, Jeanneau, Bavaria, Dufour, Lagoon, Privilège and many others.

4. TURNBUCKLES

CONFIGURE YOUR TURNBUCKLE

Easily configure the turnbuckle that best suits your project by selecting the body and end fittings from our range of high-quality stainless steel components.

IN 3 SIMPLE STEPS

1 **Select the body** (central section)

2 **Select the lower terminal**

3 **Select the upper terminal**

Example ref. : ROCS
1 RO Body
2 Lower Terminal C
3 Upper Terminal S

BODY (CENTRAL SECTION)

RA RO R RX 1/2 RX

LOWER & UPPER TERMINALS

S M C O B TD TC

EXAMPLES

RACM ROBS RCM RXC ROD ROCS ROCC

Please contact us for your configuration. *Nous consulter pour votre configuration.*

OPEN BODY TURNBUCKLE : 316L STAINLESS STEEL TERMINALS - CHROMED BRONZE BODY

Ridoir cage ouverte : cage en bronze chromée - terminaison inox 316L

Wire *Câble* (mm)	Toggle/Swage *Ref. Chape/ à sertir*	Length closed *Long. Fermé*	Length open *Long. Ouvert*	Toggle/ Swageless *Ref. Chape/ Manuel*	Length closed *Long. Fermé*	Length open *Long. Ouvert*	Toggle/Toggle *Ref. Chape/ Chape*	Length closed *Long. Fermé*	Length open *Long. Ouvert*	Thread *Filetage UNF**	X (mm)	A (mm)	D (mm)
3	ROCS 30	215	288	ROCM 30	-	-	ROCC 30	202	276	1/4-28	9	13	6
4	ROCS 40	227	310	ROCM 40	234	316	ROCC 40	220	303	5/16-24	11	17,5	8
5	ROCS 50	239	321	ROCM 50	234	316	ROCC 50	220	303	5/16-24	11	17,5	8
6	ROCS 60	278	369	ROCM 60	271	362	ROCC 60	257	350	3/8-24	15	26	10
7	ROCS 70	336	440	ROCM 70	320	423	ROCC 70	315	419	1/2-20	17	26	12
8	ROCS 80	351	455	ROCM 80	328	430	ROCC 80	315	419	1/2-20	17	26	12
10	ROCS 100	423	543	ROCM 100	398	512	ROCC 100	378	499	5/8-18	17	33,5	14
12	ROCS 120	448	568	ROCM 120	412	530	ROCC 120	390	510	5/8-18	21	28,5	16
12,7	ROCS 127	448	568	ROCM 127	412	530	ROCC 127	390	510	3/4-14	21	55	18
14	ROCS 140	623	800	ROCM 140	-	-	ROCC 140	577	754	7/8	22	55	20
16	ROCS 160	647	828	ROCM 160	-	-	ROCC 160	592	774	1″	25	59	22
19	ROCS 190	759	963	ROCM 190	-	-	ROCC 190	660	864	1″ 1/8	40	69	25
22	ROCS 220	825	1045	ROCM 220	-	-	ROCC 220	740	960	1″ 1/4	41	77	30
25	ROCS 250	-	-	ROCM 250	-	-	ROCC 250	-	-	1″ 3/8	43	94	35

TURNBUCKLE 316L STAINLESS STEEL - WITH BRONZE INSERTS

Ridoir inox 316L - bagué bronze

Wire *Câble* (mm)	Toggle/Swage *Ref. Chape/ à sertir*	Length closed *Long. Fermé*	Length open *Long. Ouvert*	Toggle/ Swageless *Ref. Chape/ Manuel*	Length closed *Long. Fermé*	Length open *Long. Ouvert*	Toggle/Toggle *Ref. Chape/ Chape*	Length closed *Long. Fermé*	Length open *Long. Ouvert*	Thread *Filetage UNF**	X (mm)	A (mm)	D (mm)
3	RACC 30	202	276	RACM 30	-	-	RACS 30	215	288	1/4-28	9	13	6
4	RACC 40	220	303	RACM 40	234	316	RACS 40	227	310	5/16-24	11	17,5	8
5	RACC 50	220	303	RACM 50	234	316	RACS 50	239	321	5/16-24	11	17,5	8
6	RACC 60	257	350	RACM 60	271	362	RACS 60	278	369	3/8-24	15	26	10
7	RACC 70	315	419	RACM 70	320	423	RACS 70	336	440	1/2-20	17	26	12
8	RACC 80	315	419	RACM 80	328	430	RACS 80	351	455	1/2-20	17	26	12
10	RACC 100	378	499	RACM 100	398	512	RACS 100	423	543	5/8-18	17	33,5	14
12	RACC 120	390	510	RACM 120	412	530	RACS 120	448	568	5/8-18	21	28,5	16
14	RACC 140	577	754	RACM 140	-	-	RACS 140	623	800	7/8	22	55	20
16	RACC 160	592	774	RACM 160	-	-	RACS 160	647	828	1″	25	59	22
19	RACC 190	660	864	RACM 190	-	-	RACS 190	759	963	1″ 1/8	40	69	25
22	RACC 220	740	960	RACM 220	-	-	RACS 220	825	1045	1″ 1/4	41	77	30

CLOSED BODY TURNBUCKLE - 316L STAINLESS STEEL

Ridoir cage fermée - inox 316L

Wire *Câble* (mm)	Toggle/Swage *Ref. Chape/ à Sertir*	Length closed *Long. Fermé*	Length open *Long. Ouvert*	Toggle/ Swageless *Ref. Chape/ Manuel*	Length closed *Long. Fermé*	Length open *Long. Ouvert*	Toggle/Toggle *Ref. Chape/ Chape*	Length closed *Long. Fermé*	Length open *Long. Ouvert*	Metric thread *Filetage Métrique*	X (mm)	A (mm)	D (mm)
3	RCS 30	187	237	RCM 30	-	-	RCC 30	173	221	M6x100	9	13	6
4	RCS 40	230	299	RCM 40	236	303	RCC 40	222	287	M8x125	11	17,5	8
5	RCS 50	258	333	RCM 50	251	322	RCC 50	241	306	M10x150	11	17,5	8
6	RCS 60	302	392	RCM 60	290	381	RCC 60	290	375	M12x175	15	26	10
7	RCS 70	352	467	RCM 70	338	450	RCC 70	330	440	M14x200	17	26	12
8	RCS 80	365	475	RCM 80	345	457	RCC 80	330	440	M14x200	17	26	12
10	RCS 100	430	553	RCM 100	392	516	RCC 100	384	503	M16x200	17	33,5	14
12	RCS 120	523	702	RCM 120	488	662	RCC 120	455	632	M20x250	21	28,5	16
12,7	RCS 127	638	807	RCM 127	-	-	RCC 127	593	761	M22x200	22	55	18
14	RCS 140	638	807	RCM 140	-	-	RCC 140	593	761	M22x200	22	55	20
16	RCS 160	695	878	RCM 160	-	-	RCC 160	645	821	M24x200	25	59	22
19	RCS 190	802	1016	RCM 190	-	-	RCC 190	739	920	M30x200	40	69	25
22	RCS 220	930	1230	RCM 220	-	-	RCC 220	845	1150	M36x200	41	77	30
25	RCS 250	1025	1365	RCM 250	-	-	RCC 250	930	1275	M40x200	43	94	35

*Threads per inch - Other dimensions on request. | **Nombre de filets au pouce - Autres dimensions sur demande ou sur plan*

DOUBLE BODY TURNBUCKLE : 316L STAINLESS STEEL - CUPRO SCREW - UNF THREAD

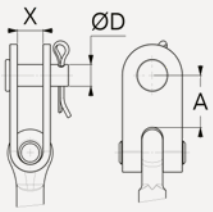
Ridoir cage double : inox 316L - vis cupro - filetage UNF

RXC

RXCC

RXCM

RXCS



Wire *Câble* (mm)	Toggle/ Toggle *Ref. Chape/ Chape*	Length closed *Long. Fermé*	Length open *Long. Ouvert*	Toggle/ Swageless *Ref. Chape/ Manuel*	Length closed *Long. Fermé*	Length open *Long. Ouvert*	Toggle/Swage *Ref. Chape/ à Sertir*	Length closed *Long. Fermé*	Length open *Long. Ouvert*	Length *Long. 1/2 RXC*	Length *Long. 1/2 RXS*	Diameter *Diam. Cage*	Nut side *Coté écrou TFRX*	Metric thread *Pas métrique*
3	RXCC 30	180	250	RXCM 30	210	270	RXCS 30	198	250	-	-	-	-	-
4	RXCC 40	230	300	RXCM 40	250	315	RXCS 40	240	310	-	75	16	11	M 10
5	RXCC 50	230	300	RXCM 50	255	335	RXCS 50	270	335	80	75	16	11	M 10
6	RXCC 60	280	340	RXCM 60	300	350	RXCS 60	315	395	95	90	18	13	M 12
7	RXCC 70	335	435	RXCM 70	355	450	RXCS 70	375	470	110	105	22	15	M 14
8	RXCC 80	335	435	RXCM 80	360	460	RXCS 80	390	485	110	105	22	15	M 14
10	RXCC 100	380	500	RXCM 100	415	520	RXCS 100	440	550	120	115	26	17	M 16
12	RXCC 120	500	675	RXCM 120	530	685	RXCS 120	585	735	130	145	30	21	M 20
14	RXCC 140	600	770	RXCM 140	595	770	RXCS 140	630	825	130	150	36	24	M 24
16	RXCC 160	670	835	RXCM 160	670	840	RXCS 160	725	905	165	180	42	27	M 27
19	RXCC 190	800	965	RXCM 190	795	965	RXCS 190	865	1035	165	185	45	30	M 30
22	RXCC 220	920	1090	RXCM 220	895	1070	RXCS 220	980	1155	165	190	55	36	M 36
25	RXCC 250	-	-	RXCM 250	-	-	RXCS 250	-	-	170	190	60	36	M 36

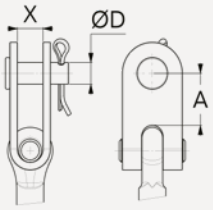
BACKSTAY TURNBUCKLE - 316L STAINLESS STEEL

Ridoir de pataras - inox 316L

RV

RVCL

RVE



Ref. RV	Length closed *Long. Fermé*	Length open *Long. Ouvert*	Ref. RV CL	Length closed *Long. Fermé*	Length open *Long. Ouvert*	Ref. RVE	Length closed *Long. Fermé*	Length open *Long. Ouvert*	X (mm)	A (mm)	Ø D (mm)
RV 60	450	600	RV 60CL	500	750	RVE 60	600	750	15	26	10
RV 70	450	600	RV 70CL	500	750	RVE 70	600	750	17	26	10
RV 80 *	520	690	RV 80CL*	650	950	RVE 80 *	690	860	17	26	12
RV 100 *	520	690	RV 100CL*	650	950	RVE 100 *	690	860	17	33,5	14

*Twin-start TR thread: M18x300 (1 revolution = 6 mm travel). Other dimensions available on request.
=Filetage 2 entrées TR : M18x300 (1 tour = 6mm de course) Autres dimensions sur demande ou sur plan.

RELEASABLE TURNBUCKLE - 316L STAINLESS STEEL

Ridoir largable - inox 316L

RLC

RLL

RLM

RLS

Available in several configurations. Please contact us.

** Disponible en plusieurs configurations. Nous consulter.*

5. TERMINALS

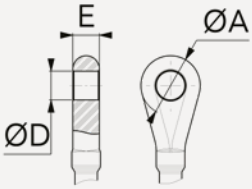
EYE TERMINAL - 316L STAINLESS STEEL

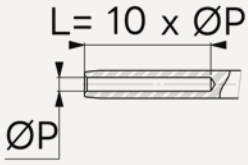
Embout à oeil - inox 316L

EO

EOM

EOE





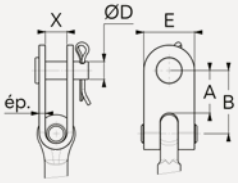
Wire *Câble* mm	Swage *À Sertir* Ref.	Swageless *Manuel* Ref.	Furling *Enrouleur* Ref.	Dimension en mm A	E	Ø D	Ø P
2,5	EO 25	EOM 25	-	14,5	6,3	7	2,6
3	EO 30	EOM 30	-	14	6	7	3,2
4	EO 40	EOM 40	EOE 40	19	7.5	9	4.2
5	EO 50	EOM 50	EOE 50	19	7.5	9	5.2
6	EO 60	EOM 60	EOE 60	25	9.8	11	6.2
7	EO 70	EOM 70	EOE 70	27.5	10.5	13	7.2
8	EO 80	EOM 80	EOE 80	29	10.8	13	8.2
10	EO 100	EOM 100	EOE 100	34	12	15	10.5
12	EO 120	EOM 120	EOE 120	38,5	15	17	12.5
12,7	EO 127	EOM 127	EOE 127	45	18	18,5	13
14	EO 140	EOM 140	EOE 140	47	15.5	20.5	14.5
16	EO 160	EOM 160	-	50	16	22.5	16.5
19	EO 190	EOM 190	-	60	22	25.5	20
22	EO 220	EOM 220	-	72	27	30.5	23
25	EO 250	EOM 250	-	76	33	35.5	26

TOGGLE FORK TERMINAL - 316L STAINLESS STEEL

Embout chape articulée - inox 316L

ECA

ECAM



Wire *Câble* mm	Swage *À Sertir* Ref.	Swageless *Manuel* Ref.	A mm	B mm	D (Axe)	X mm	E mm	ép. mm
3	ECA 30	ECAM 30	13	19,4	6	9	19	2
4	ECA 40	ECAM 40	17,5	25,9	8	11	22	2,5
5	ECA 50	ECAM 50	17,5	25,9	8	11	22	2,5
6	ECA 60	ECAM 60	26	35,9	10	15	28	3
7	ECA 70	ECAM 70	26	38,5	12	17	32	4
8	ECA 80	ECAM 80	26	38,5	12	17	32	4
10	ECA 100	ECAM 100	33,5	48,7	14	17	40	5
12	ECA 120	ECAM 120	28,5	54,6	16	21	50	5
12,7	ECA 127	ECAM 127	55	88	18	22	60	6
14	ECA 140	ECAM 140	55	88	20	22	60	6
16	ECA 160	ECAM 160	59	84	22	25	60	8
19	ECA 190	ECAM 190	69	99	25	40	80	10
22	ECA 220	ECAM 220	77	113	30	41	90	12
25	ECA 250	ECAM 250	94	132	35	43	100	12

FIXED FORK TERMINAL

Embout à chape fixe inox 316L

ECF

Ø Wire *Ø Câble* mm	Machined *Usinée* Ref.	Welded *Soudée* Ref.
5	ECF 50	ECFW 50
6	ECF 60	ECFW 60
7	ECF 70	ECFW 70
8	ECF 80	ECFW 80
10	ECF 100	ECFW 100
12	ECF 120	ECFW 120

For more information, please contact us.

Pour plus d'informations, nous consulter.

STEMBALL TERMINAL - SHELLS AND CUPS - 316L STAINLESS STEEL

Embout à boule - coquilles et coupelles - inox 316L

EB

EBM

Shell ACMO

Shell for Sparcraft

Cups

Wire *Câble* (mm)	Swage *Sertir* Ref.	Swageless *Manuel* Ref.	Shell *Coquille ACMO* Ref.	SPARCRAFT *Mât* Ref.	Cup *Coupelle* Ref.	Ø B Head *Ø B Tête* (mm)	Ø P Hole Diameter *Ø P Perçage* (mm)
2,5	EB 25	-	-	-	COP 18x9	11,5	2,7
3	EB 30	EBM 30	-	-	COP 18x9	14	3,2
4	EB 40	EBM 40	COQ 4	SPAR.COQ4F	COP 18x9	13,5	4,2
5	EB 50	EBM 50	COQ 5	SPAR.COQ5F	COP 26x11	17	5,5
6	EB 60	EBM 60	COQ 6	SPAR.COQ6F	COP 26x16	20	6,2
6	EB 602	EBM 602	-	-	-	26	6,2
7	EB 70	EBM 70	COQ 7	SPAR.COQ7F	COP 26x16	21	7,2
7	EB 702	EBM 702	-	-	-	26	7,2
8	EB 80	EBM 80	COQ 8	SPAR.COQ8F	COP 34x18	21	8,2
8	EB 802	EBM 802	-	-	-	26	8,2
10	EB 100	EBM 100	COQ 10	SPAR.COQ10/12F	COP 34x20	27	10,2
12	EB 120	EBM 120	COQ 12	SPAR.COQ10/12F	COP 34x20	27	12,5
14	EB 140	EBM 140	-	-	-	32	15
16	EB 160	EBM 160	-	-	-	35	16,5
19	EB 190	EBM 190	-	-	-	42	20
22	EB 220	EBM 220	-	-	-	55	23

T TERMINAL - 316L STAINLESS STEEL

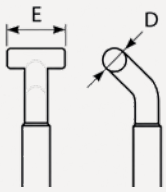
Embout en T - inox 316L

ETC

ETCM

ETD

ETDM

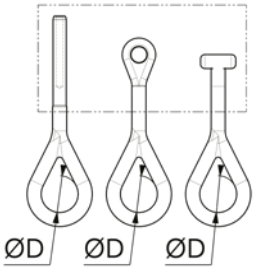


Wire *Câble* mm	Swage *ETC Sertir* Ref.	Swageless *ETCM Manuel* Ref.	Swage *ETD Sertir* Ref.	Swageless *ETDM Manuel* Ref.	E mm	Ø D mm	Ø P mm	Anchor plate *Plaque Ancrage* Ref.
2,5	ETC 25	-	ETD 25	ETDM 25	18	7	3	PAT 1
3	ETC 30	ETCM 30	ETD 30	ETDM 30	18	7	3,2	PAT 1
4	ETC 40	ETCM 40	ETD 40	ETDM 40	20	7,5	4,2	PAT 1
5	ETC 50	ETCM 50	ETD 50	ETDM 50	25	9	5,2	PAT 2
6	ETC 60	ETCM 60	ETD 60	ETDM 60	30	11	6,2	PAT 3
7	ETC 70	ETCM 70	ETD 70	ETDM 70	33	13	7,2	PAT 4
8	ETC 80	ETCM 80	ETD 80	ETDM 80	33	13	8,2	PAT 4
10	ETC 100	ETCM 100	ETD 100	ETDM 100	42	18	10,5	PAT 5
12	ETC 120	ETCM 120	ETD 120	ETDM 120	42	18	12,5	PAT 5

TEXTILE TERMINAL

Embout textile

ES. Tran
EO. Trans
ETC. Trans



For end fittings, refer to the dimensions of the Eye Terminals, T-Terminals and Swage Terminals.

Pour les terminaisons, voir les dimensions des Embouts à œil, Embouts en T et Embouts à sertir.

HOOK TERMINAL - 316L STAINLESS STEEL

Embout canne - inox 316L

EC Swage

Wire *Câble* mm	Swage *À Sertir* Ref.	Metric Thread *Filetage Métrique*	UNF Thread *Filetage UNF*	Ø D mm
3	EC 30	M6x100	1/4-28	7
4	EC 40	M8x125	5/16-24	7,5
5	EC 50	M10x150	5/16-24	9
6	EC 60	M12x175	3/8-24	10,8

ADAPTATION - 316L STAINLESS STEEL

Adaptation - inox 316L

EBOCA

EBOCD

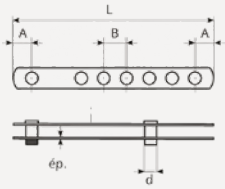
EBOLTT

Ø Wire *Ø Câble* mm	Cup *Coupelle* mm	Ref. EBOCA	Length *Longueur* L mm	Ref. Adaptation EBOCD / EBOLTT	Ø Pin *Ø Axe* mm
5	26	EBOCA 01-83	100	EBOCD 01-83	8
6	26	EBOCA 01-103	105	EBOCD 01-103	10
6	34	EBOCA 02-103	195	EBOLTT 02-103	10
7	34	EBOCA 02-123	200	EBOLTT 02-123	12
8	34	EBOCA 02-130	200	EBOLTT 02-130	12
10	34	EBOCA 02-145	205	EBOLTT 02-145	14
12	34	EBOCA 02-165	210	EBOLTT 02-165	16

PLATE TURNBUCKLE (LRT) - 316L STAINLESS STEEL

Latte ridoir (LRT) - inox 316L

LRT

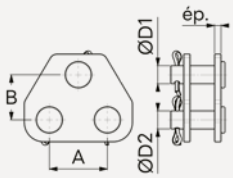


Ref. LRT	Wire *Câble* mm	Ø Pin *Ø D (Axe)*	Length *L (Longueur)*	A mm	Center distance *B (Entraxe)*	ép. mm	Number of holes *Nbre de trous*
LRT 30	2,5 - 3	6	105	8,5	13	1,5	7
LRT 45	4-5	8	140	10	20	2,5	6
LRT 60	6	10	180	17,5	20	3	7
LRT 78	7-8	12	195	17,5	24	4	6
LRT 100	10	14	250	23,5	32	5	6
LRT 120	12	16	250	23,5	32	5	6
LRT 140	14	20	350	30	40	6	7
LRT 160	16	22	390	33,5	46	8	7

TRIANGLE PLATE (LTT) - 316L STAINLESS STEEL

Latte triangle (LTT) - inox 316L

LTT



Ref. LTT	Cable 1 mm	Cable 2 mm	Ø Top *Ø d1 (Haut)*	Bottom *Ø d2 (Bas)*	A mm	B mm	ép. mm
LTT 60-01	6	6	10	10	44	34	3
LTT 60-02	7-8	6	12	10	44	34	3
LTT 80-01	7-8	7-8	12	12	45	34	4
LTT 80-02	10	8	14	12	45	34	4
LTT 100-01	10	10	14	14	45	34	5
LTT 100-12	12	10	16	14	45	34	5
LTT 120-01	12	12	16	16	60	52	5
LTT 140-01	14	14	20	20	80	80	6
LTT 140-02	16	14	22	20	80	80	6
LTT 160-01	16	16	22	22	90	90	10

THREADED TERMINALS - 316L STAINLESS STEEL

Embouts filetés - inox 316L

Part Number Structure (ex. EO 80 M R) :

EO	Terminal Type	Terminal d'embout
80	Cable diameter: 8 mm	Diamètre du câble : 8 mm
M / R	Metric or UNF thread	Filetage métrique ou UNF
R / L	Right- or Left-hand thread	Filetage à droite ou à gauche

EO ECA EB ETC ETD

Wire *Câble* mm	Eye Terminal *Ref. Embout à Oeil* EO	Toggle terminal *Ref. Chape* ECA	Ball Terminal *Ref. Embout à boule* EB	T Terminal *Ref. Embout en T* ETD	Metric Thread *Filetage Métrique* M	Thread length *Long. filetage* mm	UNF Thread *Filetage UNF* R	Thread length *Long. filetage* mm
3	EO 30	ECA 30	EB 30	ETD 30	M6 x 100	45	1/4 - 28	55
4	EO 40	ECA 40	EB 40	ETD 40	M8 x 125	55	5/16 - 24	65
5	EO 50	ECA 50	EB 50	ETD 50	M10 x 150	60	5/16 - 24	65
6	EO 60	ECA 60	EB 60	ETD 60	M12 x 175	74	3/8 - 24	70
7	EO 70	ECA 70	EB 70	ETD 70	M14 x 200	85	1/2 - 20	80
8	EO 80	ECA 80	EB 80	ETD 80	M14 x 200	85	1/2 - 20	80
10	EO 100	ECA 100	EB 100	ETD 100	M16 x 200	100	5/8 - 18	100
12	EO 120	ECA 120	EB 120	ETD 120	M20 x 250	145	5/8 - 11	100
12,7	EO 127	ECA 127	EB 127	ETD 127	M20 x 250	145	3/4 - 14	115
14	EO 140	ECA 140	EB 140	—	M22 x 200	145	7/8	145
16	EO 160	ECA 160	EB 160	—	M24 x 200	150	1″	150
19	EO 190	ECA 190	EB 190	—	M30 x 200	160	1″ 1/8	160
22	EO 220	ECA 220	EB 220	—	M36 x 200	240	1″ 1/4	180
25	EO 250	ECA 250	EB 250	—	M40 x 200	260	1″ 3/8	260

SWAGE TERMINAL - 316L STAINLESS STEEL

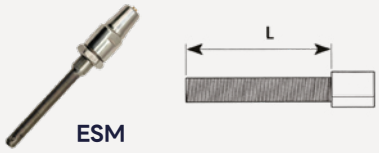
Embout à sertir - inox 316L

ES

Wire *Câble* mm	Swage terminal *Ref. Embout à sertir* ES	Metric Thread *Filetage Métrique*	Thread length *Long. filetage* mm	UNF Thread *Filetage UNF*	Thread length *Long. filetage* mm
2,5	ES 25	M6 x 100	43	1/4 - 28	60
3	ES 30	M6 x 100	45	1/4 - 28	55
4	ES 40	M8 x 125	60	5/16 - 24	60
5	ES 50	M10 x 150	60	5/16 - 24	65
6	ES 60	M12 x 175	74	3/8 - 24	70
7	ES 70	M14 x 200	85	1/2 - 20	80
8	ES 80	M14 x 200	85	1/2 - 20	80
10	ES 100	M16 x 200	100	5/8 - 18	95
12	ES 120	M20 x 250	145	5/8 - 18	100
14	ES 140	M22 x 200	145	7/8	145
16	ES 160	M24 x 200	150	1″	150
19	ES 190	M30 x 200	160	1″ 1/8	160
22	ES 220	M36 x 200	240	1″ 1/4	180
25	ES 250	M40 x 200	260	1″ 3/8	260

SWAGELESS TERMINAL - 316L STAINLESS STEEL

Embout manuel - inox 316L



ESM

Wire *Câble* mm	Swageless terminal *Ref. Embout manuel* ESM	Metric Thread *Filetage Métrique*	Thread length *Long. filetage* mm	UNF Thread *Filetage UNF*	Thread length *Long. filetage* mm
4	ESM 40	M8 x 125	56	5/16 - 24	60
5	ESM 50	M10 x 150	60	5/16 - 24	60
6	ESM 60	M12 x 175	76	3/8 - 24	70
7	ESM 70	M14 x 200	90	1/2 - 20	83
8	ESM 80	M14 x 200	90	1/2 - 20	83
10	ESM 100	M16 x 200	100	5/8 - 18	95
12	ESM 120	M20 x 250	126	5/8 - 18	100

6. TOGGLES

TOGGLE - 316L STAINLESS STEEL

Chape simple - inox 316L

C

Wire *Câble* mm	Toggle *Ref. Chape*	A mm	D (Axe)	X mm	E mm	Y mm	ép. mm
3	C 30.01	13	6	9	19	7,5	2
4	C 40.01	17,5	8	11	22	9	2,5
5	C 50.01	17,5	8	11	22	9	2,5
6	C 60.01	26	10	15	28	11	3
7	C 70.01	26	12	17	32	13	4
8	C 80.01	26	12	17	32	13	4
10	C 100.01	33,5	14	17	40	14	5
12	C 120.01	28,5	16	21	50	17	5
12,7	C 127.01	55	18	22	60	20	6
14	C 140.01	55	20	22	60	20	6
16	C 160.01	59	22	25	60	20,5	8
19	C 190.01	69	25	40	80	26	10
22	C 220.01	77	30	41	90	31	12
25	C 250.01	94	35	43	100	37	12

Our standard toggles can also be supplied with an alternative pin upon request to suit your specific application requirements.
Nos chapes standards peuvent également être fournies avec un axe différent sur demande afin de répondre aux besoins spécifiques de votre application.

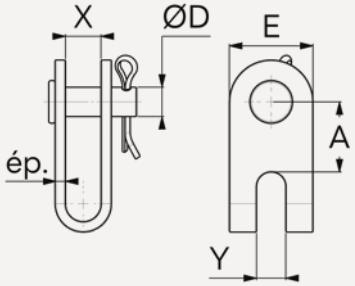
LONG TOGGLE - 316L STAINLESS STEEL

Chape longue - inox 316L

Wire *Câble* mm	Long toggle *Ref. Chape longue* CL	A mm	D (Axe)	X mm	E mm	Y mm	ép. mm
6	CL 60.01	41	10	15	28	11	3
7	CL 70.01	41	12	17	32	13	4
8	CL 80.01	41	12	17	32	13	4
10	CL 100.01	48,5	14	17	40	14	5
12	CL 120.01	43,5	16	21	50	17	5

CUSTOM TOGGLES

Chapes sur-mesure



ACMO designs and manufactures custom toggles tailored to your technical requirements. Long toggles, double toggles or other specific designs can be manufactured to meet your exact application requirements.

For any custom toggle request, please provide the dimensions shown in the diagram.

ACMO conçoit et fabrique des chapes sur mesure adaptées à vos contraintes techniques. Chapes longues, chapes doubles ou conceptions spécifiques : nos équipes étudient votre projet afin de vous proposer une solution parfaitement adaptée.

Pour toute demande de chape sur mesure, merci de nous transmettre les cotes indiquées sur le schéma.

7. LIFELINE FITTINGS

LIFELINE TERMINALS - 316L STAINLESS STEEL

Ridoirs et accessoires pour filières - inox 316L

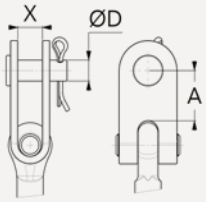
RCF

ROCF

ECAF

ECAMF

RCMF



Wire *Câble* mm	Stanchion *Chandelier* Ø Min	Turnbuckle *Ref. Ridoir* RCF	Length closed *Long. Fermé*	Length open *Long. Ouvert*	Turnbuckle *Ref. Ridoir* ROCF	Length closed *Long. Fermé*	Length open *Long. Ouvert*	Ref. ECAF	Ref. ECAMF	Ref. RCMF	Ref. ROCMF	A mm	X mm	D mm
3	8,5	RCF 30	200	260	ROCF 30	220	280	ECAF 30	ECAMF 30	RCMF 30	ROCMF 30	13	9	6
4	8,5	RCF 40	205	265	ROCF 40	230	290	ECAF 40	ECAMF 40	RCMF 40	ROCMF 40	13	9	6
5	8,5	RCF 50	215	275	ROCF 50	235	316	ECAF 50	ECAMF 50	RCMF 50	ROCMF 50	13	9	6
6	9,5	RCF 60	270	340	ROCF 60	240	310	ECAF 60	ECAMF 60	RCMF 60	ROCMF 60	13	9	6

LIFELINE END FITTINGS - 316L STAINLESS STEEL

Embouts pour filières - inox 316L

ESCF

ESF

ESLF

EOF

EBF

Wire *Câble* mm	Metric thread *Filetage Métrique**	Ref. ESCF	L mm	Ref. ESF	L mm	Ref. ESLF	L mm	Ref. EOF	D mm	Ref. EBF	D mm	Swageless *Ref. Manuel* ESMF	L mm
3	M6x100	ESCF 30	15	ESF 30	55	ESLF 30	90	EOF 30	7	EBF 30	14	ESMF 30	45
4	M6x100	ESCF 40	15	ESF 40	45	ESLF 40	90	EOF 40	7	EBF 40	14	ESMF 40	55
5	M6x100	ESCF 50	15	ESF 50	45	ESLF 50	90	EOF 50	7	EBF 50	14	ESMF 50	55
6	M6x100	ESCF 60	15	ESF 60	45	ESLF 60	90	EOF 60	9	EBF 60	14	ESMF 60	55

*Except for / *Sauf pour* ESCF : M8 × 1.25

8. WIRE ROPES

WIRE ROPES - 316 STAINLESS STEEL (EXCEPT ROD)

Câbles - inox 316 (sauf rod)

MONOTORON 1x19 - 1x37

Ø (mm)	Ø (Inch)	Breaking Load *Rupture* (kg)	Weight *Poids* (kg/100m)	Ref.
3	1/8	1000	4,5	M 03
4	5/32	1299	8,1	M 04
5	-	2180	12,5	M 05
6	-	3050	18,5	M 06
7	9/32	4085	25,4	M 07
8	5/16	5215	32,6	M 08
10	-	7901	51	M 10
12	-	11055	72,8	M 12
12,7	1/2	13600	78,8	M 12.7
14	9/16	-	100,5	M 14
16	5/8	19800	122,3	M 16
19	3/4	27600	171,8	M 19
22	7/8	36300	236,8	M 22

DYFORM

Ø (mm)	Ø (in)	Construction *Composition*	Breaking Load *Rupture* (kg)	Weight *Poids* (kg/100m)	Ref.
3		1x7	1000	4,9	DYF 03
4	5/32	1x7	1780	8,8	DYF 04
5		1x19	2440	13,5	DYF 05
6		1x19	3550	19,4	DYF 06
7	9/32	1x19	4910	26	DYF 07
8	5/16	1x19	6150	34,5	DYF 08
10		1x19	9770	54	DYF 10
12		1x19	14400	80,7	DYF 12
14	9/16	1x25	19300	115	DYF 14
16	5/8	1x25	25600	147	DYF 16

EXTRA FLEXIBLE 7x19 - Extra souple 7x19

Ø (mm)	Breaking Load *Rupture* (kg)	Weight *Poids* (kg/100m)	Ref.
2,45	385	2,16	ES 02,5
3,15	690	3,84	ES 03
4	970	5,99	ES 04
5,1	1585	9,5	ES 05
6	1980	14	ES 06
7	3150	18,7	ES 07
7,9	3660	25,5	ES 08
9,5	5245	36,5	ES 09,5
11	7270	50	ES 011
12,6	9440	65	ES 012,5
14,1	12500	77,1	ES 014

ROD

Ø (mm)	Size	Breaking Load *Rupture* (kg)	Weight *Poids* (kg/100m)	Ref.
4,4	-4	2130	11,8	D 04
5	-6	2850	15,7	D 06
5,7	-8	3710	20,2	D 08
6,4	-10	4670	25	D 10
7,1	-12	5660	31,6	D 12
8,4	-17	7930	43,5	D 17
9,5	-22	10200	56,2	D 22
11,1	-30	13600	76,4	D 30
12,7	-40	16320	100	D 40
14,3	-48	20860	126,3	D 48
16,8	-60	26760	174,2	D 60

FLEXIBLE 7x7 - Souple 7x7

Ø (mm)	Breaking Load *Rupture* (kg)	Weight *Poids* (kg/100m)	Ref.
2,5	378	2,17	S 02,5
3	540	3,12	S 03
4	950	5,55	S 04
5	1450	8,9	S 05
6	2100	13,5	S 06
7,5	3605	24	S 07,5

PVC-COATED 1×19 - Gainé monotoron 1x19

Ø Wire *Ø Âme* (mm)	Ø Wire *Ø Gaine* (mm)	Breaking Load *Rupture* (kg)	Weight *Poids* (kg/100m)	Ref.
3	5	820	6,4	MG 3/5
4	6	1399	10,3	MG 4/6
5	7	2180	15	MG 5/7

PVC-COATED 7x7 - Gainé souple 7x7

Wire *Ø Âme* (mm)	Wire *Ø Gaine* (mm)	Breaking Load *Rupture* (kg)	Weight *Poids* (kg/100m)	Ref.
3	5	540	6,1	SG 3/5
4	6	950	8,4	SG 4/6
5	7	1450	12,1	SG 5/7
6	9	2100	17,5	SG 6/9

9. ACCESSORIES

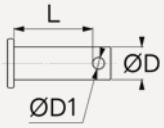
HEADED PIN - 316L STAINLESS STEEL

Axe épaulé - inox 316L

AS

AX

AXN



Wire *Câble* (mm)	Toggle *Ref. Chape*	Pin *Ref. Axe*	L (mm)	D (mm)	D1 (mm)
3	C 30	AS 6	15,5	6	2,7
4/5	C 40-50	AS 8	20	8	2,7
6	C 60	AS 10	24	10	3,5
7/8	C 70-80	AS 12	29,5	12	3,5
10	C 100	AS 14	32	14	4,2
12	C 120	AS 16	35,5	16	4,2
12,7	C 127	AS 18	40	18	4,5
14	C 140	AS 20	40	20	4,5
16	C 160	AS 22	47	22	4,5
19	C 190	AS 25	58	25	4,5
22	C 220	AS 30	64	30	5,2
25	C 250	AS 35	67	35	5,2
28	C 280	AS 40	83	40	5,2

INSULATOR - 316L STAINLESS STEEL

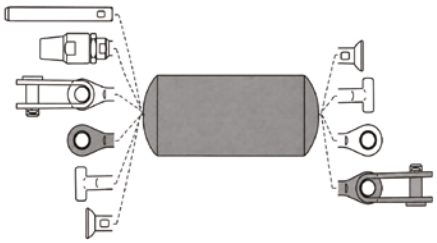
Isolateur - inox 316L

ISO SS

ISO MM

Ø Wire *Ø Câble* (mm)	Swage *Ref.* à sertir SS	Swageless *Ref. Manuel* MM
4,4	-4	2130
5	-6	2850
5,7	-8	3710

To order your special insulators, indicate the terminals to be put on each end
Ex: ISO EO ECA

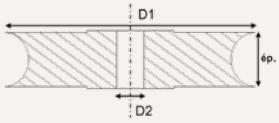


Pour commander vos isolateurs spéciaux, préciser les embouts désirés à chaque extrémité.
Ex: ISO EO ECA

SHEAVE - POM

Réa - POM

REA



Ref. REA	D1 (mm)	D2 (mm)	ép (mm)
REAP35-16-8	35	16	8
REAP45-13-8	45	13	8
REAP60-16-8	60	16	8
REAP70-16-10	70	16	10

9. ACCESSORIES

This catalogue presents our main product ranges.
Other products are also available.

For more information, please contact us.
Pour plus d'informations, nous consulter.

TANG

CHAINPLATE

TIE ROD

TIP CUP

10. CUSTOM MADE

Tailored to Every Project

Custom-Manufactured Components to Your Specifications

ACMO designs and manufactures custom components based on your drawings, CAD files or technical specifications, providing solutions tailored to the specific requirements of projects in the marine, architectural and industrial sectors. From one-off parts to small production runs, we deliver precision, quality and reliability, whatever the technical challenge.

Manufacturing Expertise and Material Performance

Backed by more than 55 years of experience and complete control of our manufacturing processes, we produce a wide range of components and complex geometries in materials such as 316L stainless steel, titanium, aluminium and bronze. Our solutions are designed to provide excellent corrosion resistance, outstanding durability and reliable performance, even in the most demanding environments.

From the initial design study to final production, ACMO supports you at every stage to bring your most demanding projects to life.

We are united by the same passion.

On land, it is the passion for a job well done: robust fittings, a wealth of technical data and expertise built over more than half a century, and meticulous craftsmanship down to the hand-polishing of our components. All of this is dedicated to ensuring that, on every sea around the world, you can sail with complete confidence, knowing you have made the right choice.
Our rigging products, as well as our custom-made solutions for architecture (glass structures, bridges and complex structures incorporating stay cables), our custom creations for mobility and industry, all reflect a commitment to excellence that is deeply rooted in our values and one that we are proud to share with you.

Philippe Welker,
ACMO President

acmo
ANCHORED IN EXCELLENCE

SELECTED REFERENCES

Amel - Beneteau - Wichard
Rigging specialists worldwide
Cité des sciences et de l'industrie, Paris
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