

ROD RIGGING 2026

www.proboat.co.uk

BLUE WAVE®
RIGGING HARDWARE

Innovative stainless steel solutions since 1932

Blue Wave has manufactured innovative stainless steel wire solutions since 1932. Our main markets are the marine, architecture and safety sectors, but the Blue Wave portfolio is broad and our components can be found in various projects around the world.

Based in Denmark, we pride ourselves of our sleek Scandinavian design and high standard. As a family-owned business, we have gained a close relationship to our customers through generations.

With an innovative mindset and investment in high tech machinery, we are constantly in development which enables us to follow market demand and meet our clients' needs. The extensive product range focuses on good design, low weight and optimum strength.

Blue Wave is ISO 9001 certified.

Information and contact

Please refer to your local Blue Wave distributor or the head office directly if you have any questions or need further documentation.

Note that Blue Wave reserves the right to make changes to the catalogue with no notification. Printing errors may occur.

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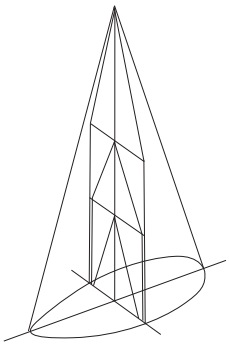
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FACTS AND INFORMATION

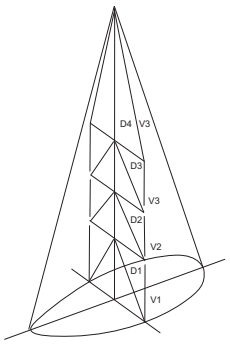


WIRE OR ROD RIGGING - BLUE WAVE HAS THE FITTINGS

Blue Wave offers a wide range of high quality stainless steel marine fittings. The Our range complies with AISI 316 standards and is also available in combination with chromed bronze. There are several interchangeable combinations of components which can be used to complete the optimal wire or rod rig for almost every boat. Our production is driven by customer demand and we are sure you will find something that meets your requirements within our range.

CONTINUOUS

Most popular version where all shrouds (upper, intermediate and lower) are terminated on deck. Represents a simple and economical solution. Weaknesses are weight and aerodynamics.



DISCONTINUOUS

This type of rigging is more sophisticated. All shrouds are terminated both at the top and ends of every mast section (panel). Only V1 and D1 are terminated on deck. By adjusting length of spreaders, a reduction of elasticity can be obtained.

RIG MAINTENANCE

All rigs should be checked and maintained regularly. The rig and sails are your boat's "engine" and as with all engines, the fittings should be checked at least twice a year. Are your rigging screws starting to fail? Are all threads and pins intact? Cleaning the fittings and adding fresh lubricant will extend the lifetime of your rig. A rig's lifetime depends upon the standard of maintenance. As a general rule, your boat needs to be de-rigged and inspected at least every other year. A qualified inspector should inspect a wire rig after 10-15 years and a rod rig after 5-8 years.



STRETCH IN WIRE AND ROD

A rod rig genereally has a shorter lifetime than a wire rig because a wire rig has higher flexibility. Dyform or compacted wire, however, are exceptions seeing that they have the capacity of rod and the flexibility of wire.
Stretch, i.e. the amount by which a material can be increased in size (lengthened or widened) by pulling, is always a critical factor when designing a rig. Low stretch under high loads is important for the final performance of a rigging configuration.

BLUE WAVE HIGH QUALITY LUBRICANT

Synthetic oil based lubricant with PTFE

The Blue Wave lubricant contains PTFE micro powder dispersed in synthetic base oil with anti-oxidation additives. This highly effective lubricant with long life properties is used for metal to metal applications. It is water-repellent, does not soil and resists temperatures between - 50°C and +200°C. Furthermore, it is non-ageing and has extremely low friction.

The lubricant is supplied in tubes of either 50, 30 and 5 ml.

The Blue Wave lubricant is used on threads to improve the performance. Whenever stainless steel threaded parts are screwed together it is always strongly recommended to lubricate the threads first as this prevents the threads from jamming.



ART. NO.	NET. WEIGHT	KG/100
BWLUB1	50g	5
BWLUB2	30g	3
BWLUB3	5g	0,5





Blue Wave products can be used in temperatures ranging from -40°C to +100°C and briefly up to 200°C

STAINLESS STEEL GRADES AND CERTIFICATES

PREN Pitting Resistance Equivalent
PREN = % Cr + (% Mo x 3,3) + (% N x 16)

PREN is a formula used to calculate the properties of stainless steel and their resistance against pitting. For instance, the content of molybdenum has 3.3 times as great effect against corrosion as the content of chrome. At Blue Wave we inspect raw materials with an x-ray gun to ensure that our customers always get the desired quality.

Below is a table of the most frequently used types of stainless steel at Blue Wave and their chemical composition.

EN	AISI	C %	Cr %	Ni %	Mo %	N %	Si ≤%	Mn ≤%	S ≤%	P ≤%	PREN
1.4301	304	≤ 0,07	17,5 - 19,5	8,00 - 10,5	-	-	1,0	2,0	0,015	0,045	17,5
1.4401	316	≤ 0,07	16,5 - 18,5	10,0 - 13,0	2,00 - 2,50	-	1,0	2,0	0,015	0,045	23,1
1.4404	316 L	≤ 0,03	16,5 - 18,5	10,0 - 13,0	2,00 - 2,50	-	1,0	2,0	0,015	0,045	23,1
1.4571	316 Ti	≤ 0,08	16,5 - 18,5	10,5 - 13,5	2,00 - 2,50	-	1,0	2,0	0,015	0,045	23,1
1.4462	318 LN	≤ 0,03	21,0 - 23,0	4,50 - 6,50	2,50 - 3,50	0,1 - 0,22	1,0	2,0	0,015	0,035	30,9

Blue Wave uses an x-ray device to inspect raw materials



ISO CERTIFIED PRODUCTION
We are ISO 9001:2015 certified.



Certificate

This is to certify that the management system of:

Blue Wave A/S

H.C. Ørsteds Vej 2, 6100 Haderslev, Denmark

are conforming to the requirements of:

ISO 9001:2015

The management system is applicable to:

Design, development and manufacture of metal products.

Certificate expiry date: 2027-09-10
Initial date of certification: 2023-05-09
Certificate number: CK-16115/2024

Thomas Andersson, CEO

C1 Certification AB, Drottninggatan 120, 113 60 Stockholm, Sweden
Date: 2024-09-26



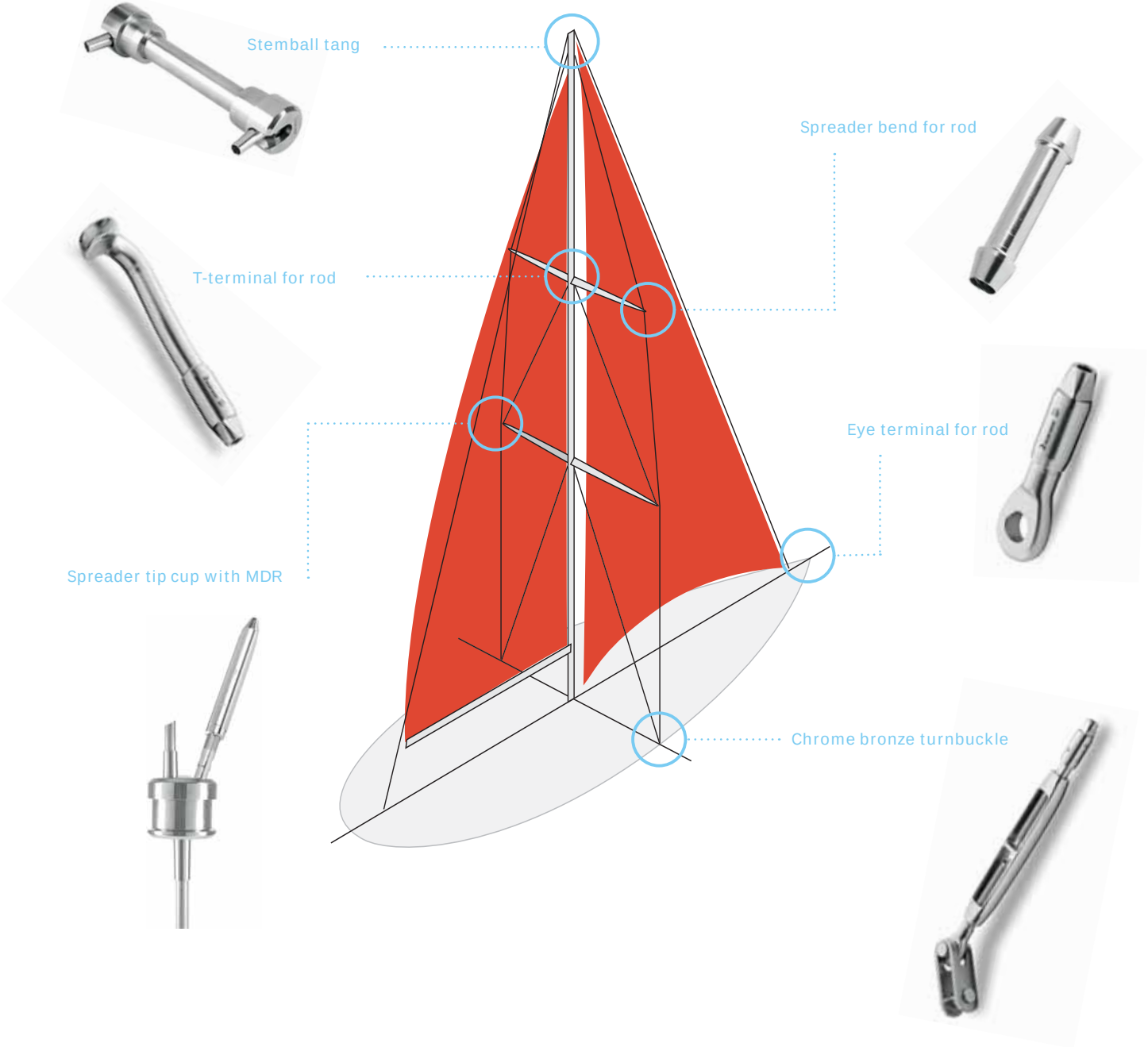
BLUE WAVE®

ROD RIGGING SYSTEM FACTS

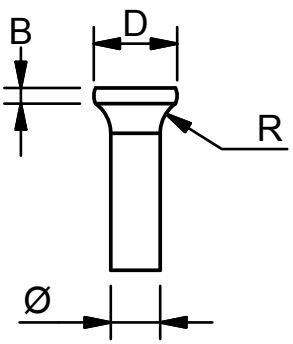
Below is a summary of our rod range and some of its common rig combinations ranging from DASH 1 to DASH 60 with threads from 1/4" to 1 3/8".

All parts are made of stainless acid proof steel and are tested to the recommended break loads. We recommend a calculated working load of no more than 20% of the break load.

Note: For your guarantee, and to avoid improper use of our fittings, it is essential that only dies supplied by Blue Wave are used for the cold head pressing.



ROD DIMENSIONS



ROD Ø	DASH	R	D	B
3,0	1,0	3,0	5,6	1,0
4,0	3,0	3,0	6,2	1,0
4,4	4,0	3,0	7,0	2,0
5,0	6,0	3,0	8,0	2,0
5,7	8,0	3,5	9,0	2,0
6,0	9,0	4,0	9,5	2,0
6,4	10,0	5,0	10,0	2,0
7,1	12,0	5,5	11,0	2,0
7,5	15,0	5,5	12,0	3,0
8,0	16,0	6,0	13,0	3,0
8,4	17,0	6,0	13,5	3,0
9,5	22,0	7,0	16,0	3,0
11,1	30,0	9,0	18,0	4,0
12,7	40,0	10,0	21,0	4,0
14,3	48,0	12,0	23,0	5,0
16,8	60,0	15,0	26,0	5,0



SANDVIK SANRIG 80

Sandvik SanRig 80 is an austenitic stainless steel characterized by very high fatigue and tensile strength combined with good corrosion resistance in seawater containing media. Sandvik SanRig 80 rig rod is developed specially for marine applications.

CORROSION RESISTANCE

In seawater and other high chloride containing media, Sandvik SanRig 80 rig rod has very good corrosion resistance. Tests have been carried out in 3% NaCl solution using an electrochemical cell with an applied potential of 300mV VS. SCE. The determined critical pitting temperature (CPT) of Sandvik SanRig 80 was approximately 50 C (122 F). Based on the results it can be concluded that the pitting corrosion resistance of Sandvik SanRig 80 rig rod is sufficient for the application and comparable to grade Nitronic* 50.

PROOF STRENGTH

Proof strength Rpo.2 for Sandvik SanRig 80 rig rod is in the range of 80 - 85 % of the tensile strength. Sandvik SanRig 80 can resist high loads without permanent set of the rig.

MECHANICAL PROPERTIES FOR SANRIG 80 ARE SHOWN IN THE FOLLOWING TABLE

DIAMETER	DASH	TOLERANCE	BREAK LOAD	WEIGHT	STRETCH
MM		(+ / - MM)	KG	KG/M	MM/ 10M
3	1	0,022	1030	0,056	18
4	3	0,022	1840	0,099	18
4,4	4	0,022	2240	0,120	18
5	6	0,022	2900	0,154	18
5,7	8	0,022	3770	0,200	18
6	9	0,022	4150	0,222	18
6,4	10	0,028	4750	0,025	18
7 / 7,1	12	0,028	5850	0,308	18
7,5	15	0,028	6530	0,347	18
8	16	0,028	7380	0,395	17
8,4 / 8,5	17	0,028	8190	0,440	17
9,5	22	0,028	10470	0,557	17
11,1	30	0,036	13810	0,760	17
12,7	40	0,036	18080	0,995	16
14,3	48	0,036	22920	1,250	16
16,8	60	0,036	31630	1,740	16

Stretch in mm per 10m with load of 25% of min. breaking strenght

ROD COLD HEADING MACHINE

THE PRINCIPALS

A double acting cylinder applies pressure to two tapered dies through a regulated pressure pipe. The outer piston applies pressure to the tapered dies and locks the rod.

Through the center piston pressure up to 260T is applied to the end of the rod and forms the “head”.

The machine can be delivered with 3 different hydraulic units.

Option 1. The HAGG PA 9 is an air hydraulic pump powered by an air compressor.
Time for a press cycle is approximately 30 to 50 seconds depending on rod size.

Option 2. The HAGG PHS 36 is a two stage hand operated pump; one stage for low pressure and one for high pressure. It takes approximately 5 strokes in low pressure mode and 50 strokes in high pressure mode to achieve a press cycle.

Option 3. The HAGG HC44/1,5 is a compact hydraulic pump that runs on high voltage electricity (400V, 50 Hz).
The compact hydraulic pump is fitted with a manometer which automatically switches of the the pump when the desired hydraulic pressure level is reached.
Time for a press cycle is approximately 15 seconds.



For further information on the Blue Wave rod cold heading machine and dies, please contact Blue Wave A/S.

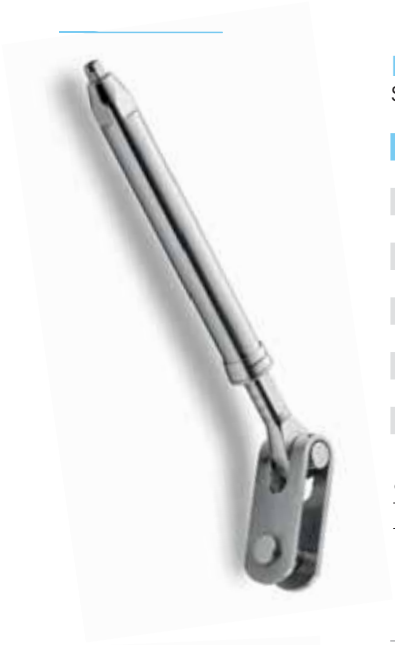
ROD COLD HEADING MACHINES

ROD Press Machines Range		
MACHINES	RP60T	RPT260T
Max Press capacity (tons) / Rod size (mm) / Dash Dimensions LxWxH (mm) Weight approx. Depending on pump	60 / 12,7 / -40 200x395x170 100	260 / 1” / -150 660x360x360 700
PUMPS All pumps are delivered with a quick connecter, so it can power other hydraulic operated equipment as Talurit press, Wire Teknik rollerswager, ect.		
HAGG PA9 Air hydraulic foot pump Standard 700 bar	✓	N.A.
HAAG HC 44/1,5 Hydraulic unit, 3 phases	✓	N.A.
RPHC2215 Compact hydraulic, single phase, 230V, 50Hz, HAAG 1,5kW	N.A.	✓
RPHC4815 Hydraulic pump 3 phase, 400V, 50Hz, HAAG 3,2kW 3 phase, 400V, 50Hz, 3kW	N.A.	✓
RPV500 Work & transport cart	On Request	On Request
DIES Ranging from 3,0mm up to 1” rod (price per unit) by	min. 5 sets	min. 5 sets
CONDITIONS Downpayment 30% Delivery time: On Request, but app. 3 to 5 month depending on the choice of Rod Machine		



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ROD RIGGING SYSTEM

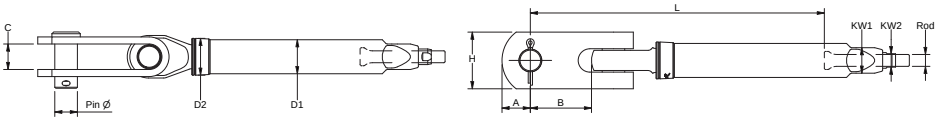


RIGGING SCREW WITH TOGGLE

Satin polished acid proof stainless steel

	ART. NO.	ROD DASH	ROD Ø	PIN Ø	A	B	C	H	L (MIN)	L (MAX)	D1	D2	KW1	KW2
	RTT017	17	8,4	15,9	21	42	18	40	291	412	27,5	31	21	10,5
	RTT022	22	9,5	19,1	26	57	22	50	324	450	31	37	24	12
	RTT030	30	11,1	22,2	32	69	24	60	355	492	36	39	28	13
	RTT040	40	12,7	25,4	32	68	28	60	370	517	40	43	30	15
	RTT048	48	14,3	28,6	36	75	32	70	395	547	44	46	33,5	17
	RTT060	60	16,8	31,8	40	86	36	80	416	558	48	52	36	19
*	RTT076	76	17,9	34,9	40	81	37	80	439	585	51	54	40	21
*	RTT091	91	19,5	34,9	42	93	38	82	449	591	55	58	41	22
*	RTT115	115	22,2	39,7	50	115	44	90	492	644	61	65	48	25
*	RTT150	150	25,4	44,5	55	133	49	100	527	679	68	72	52	28

* Note: available only on request



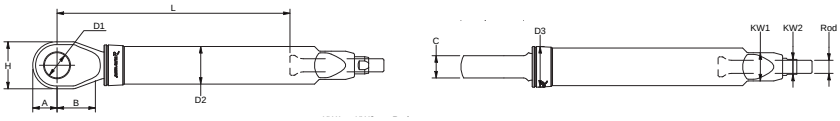


RIGGING SCREW WITH EYE

Satin polished acid proof stainless steel

	ART. NO.	ROD DASH	ROD Ø	FOR PIN Ø	D1	A	B	C	H	L (MIN)	L (MAX)	D2	D3	KW1	KW2
	RTE017	17	8,4	15,9	16,2	18	24	14	33,5	230	351	27,5	31	21	10,5
	RTE022	22	9,5	19,1	19,4	20	30	17	38	246	372	31	37	24	12
	RTE030	30	11,1	22,2	22,7	23	36	19,5	44	263	400	36	39	28	13
	RTE040	40	12,7	25,4	25,9	25	39	22	48	277	424	40	43	30	15
	RTE048	48	14,3	28,6	29,1	28	45	25	54	292	444	44	46	33,5	17
	RTE060	60	16,8	31,8	32,3	31	49	28,5	60	299	441	48	52	36	19
*	RTE076	76	17,9	34,9	35,5	33	52	31	65	325	471	51	54	40	21
*	RTE091	91	19,5	34,9	35,5	36	54	32	70	319	462	55	58	41	22
*	RTE115	115	22,2	39,7	40,3	42	60	36	80	335	487	61	65	48	25
*	RTE150	150	25,4	44,5	45,1	43	67	40	85	350	502	68	72	52	28

* Note: available only on request





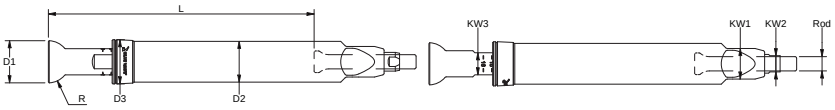
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RIGGING SCREW WITH BALL

Satin polished acid proof stainless steel

	ART. NO.	ROD DASH	ROD Ø	R	D1	D2	D3	L (MIN)	L (MAX)	KW1	KW2	KW3
	RTB017	17	8,4	14,8	29,5	27,5	31	235	354	21	10,5	14,5
	RTB022	22	9,5	15,8	31,5	31	37	248	373	24	12	18
	RTB030	30	11,1	17,8	35,5	36	39	265	401	28	13	20
	RTB040	40	12,7	19,8	40	40	43	288	434	30	15	22
	RTB048	48	14,3	21,8	44	44	46	308	459	33,5	17	24
	RTB060	60	16,8	24,8	50	48	52	314	456	36	19	26
*	RTB076	76	17,9	26,8	53,5	51	54	314	460	40	21	29
*	RTB091	91	19,5	29,8	59,5	55	58	315	457	41	22	33
*	RTB115	115	22,2	32,8	65,5	61	65	343	490	48	25	36
*	RTB150	150	25,4	35,8	91,5	68	72	358	505	52	28	40

* Note: available only on request



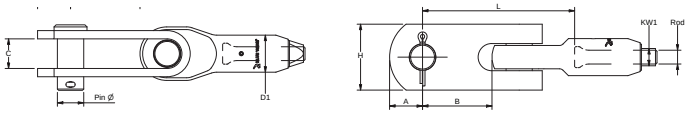


FURLING TOGGLE

Satin polished acid proof stainless steel

	ART. NO.	ROD DASH	ROD Ø	PIN Ø	A	B	C	H	L	D1	KW1
	RFT017	17	8,4	15,9	21	48	18	40	102	23	11
	RFT022	22	9,5	19,1	26	58	22	50	118	28	13
	RFT030	30	11,1	22,2	32	73	24	60	149	31	15
	RFT040	40	12,7	25,4	32	70	28	60	151	35	15
	RFT048	48	14,3	28,6	36	75	32	70	168	38	18
	RFT060	60	16,8	31,8	40	84	36	80	184	45	21
*	RFT076	76	17,9	34,9	40	81	37	80	179	45	24
*	RFT091	91	19,5	34,9	43	93	38	82	204	50	27
*	RFT115	115	22,2	39,7	50	116	44	90	248	57	32
*	RFT150	150	25,4	44,5	55	129	49	100	267	65	34

* Note: available only on request



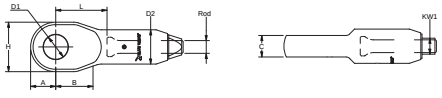


FURLING EYE

Satin polished acid proof stainless steel

	ART. NO.	ROD DASH	ROD Ø	FOR PIN Ø	D1	A	B	C	H	L	D2	KW1
	RFE017	17	8,4	15,9	16,2	17	24	14	33	36	23	11
	RFE022	22	9,5	19,1	19,4	19	29	17	37	40	28	13
	RFE030	30	11,1	22,2	22,7	22	36	20	43	54	31	15
	RFE040	40	12,7	25,4	25,9	25	40	22	49	54	35	15
	RFE048	48	14,3	28,6	29,1	28	43	25	54	64	38	18
	RFE060	60	16,8	31,8	32,3	33	49	28,5	65	67	45	21
*	RFE076	76	17,9	34,9	35,5	33	53	33	65	64	45	24
*	RFE091	91	19,5	34,9	35,5	36	54	32	70	74	50	27
*	RFE115	115	22,2	39,7	40,3	41	61	36	80	89	57	32
*	RFE150	150	25,4	44,5	45,1	47	68	40	90	91	65	34

* Note: available only on request







The stemball tang is delivered complete with two tangs, connecter rod and two stemballs. Each tang is designed to suit the specific mast width.

STEMBALL TANG

High polished acid proof stainless steel

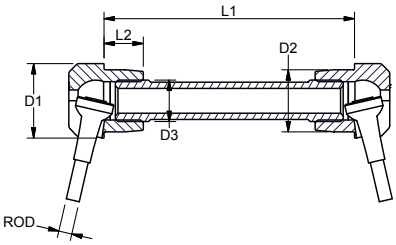
ART. NO.	ROD Ø	DASH	D1	D2	D3	L1	L2	R1	BL/KG	PACK
ST000004	4	3	33	*27	16	**	21,5	0,3	1700	BULK
ST000044	4,4	4	33	*27	16	**	21,5	0,3	2000	BULK
ST000005	5	6	33	*27	16	**	21,5	0,3	2800	BULK
ST000057	5,7	8	36	*30	20	**	23	0,3	3700	BULK
ST000006	6	9	36	*30	20	**	23	0,3	4000	BULK
ST000064	6,4	10	36	*30	20	**	23	0,3	4600	BULK
ST000071	7,1	12	38	*32	22	**	26,5	0,3	5600	BULK
ST000075	7,5	15	38	*32	22	**	26,5	0,3	6200	BULK
ST000008	8	16	45	*36	26	**	30	0,3	7000	BULK
ST000084	8,4	17	45	*36	26	**	30	0,3	7600	BULK
ST000095	9,5	22	48	*38	30	**	32,5	0,3	10000	BULK
ST000111	11,1	30	58	*48	33	**	34	0,3	13500	BULK
ST000127	12,7	40	62	*50	38	**	35	0,6	16500	BULK
ST000143	14,3	48	70	*55	40	**	36,5	0,6	20500	BULK
ST000168	16,8	60	80	*65	46	**	41	0,6	28500	BULK

The user is responsible for choosing the proper rod diameter and for correct assembly

Note: Breakloads are according to rod size (SAF 2205). D2: Tolerance +0/-0,1

(D2) * Without sleeve for carbon masts

** Mast size





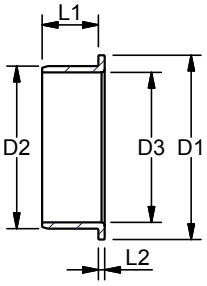
Sleeve for the stemball tangs is used in carbon masts

SLEEVE FOR CARBON MASTS

Polished stainless steel - AISI 316

ART. NO.	D1	D2	D3	L1	L2	R	KG/100	PACK
BC000005	34	30	27	8,5	1,5	0,3	1,3	BULK
BC000064	37	33	30	8,5	1,5	0,3	1,4	BULK
BC000075	39	35	32	10,5	1,5	0,3	1,7	BULK
BC000084	46	40	36	15	2	0,5	3,8	BULK
BC000095	49	42	38	15	2	0,5	4,1	BULK
BC000111	59	52	48	18	2	0,5	5,9	BULK
BC000127	63	54	50	23	2	0,5	7,7	BULK
BC000143	71	59	55	23	2	0,5	9	BULK
BC000168	81	69	65	23	2	0,5	10,5	BULK

D2: Tolerance +0/-0,1



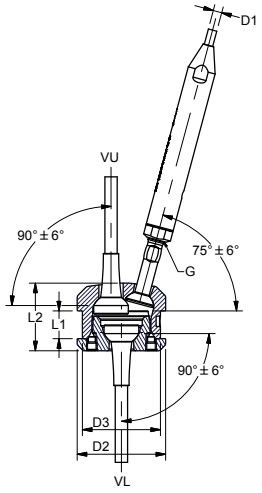
SPREADER TIPCUP

High polished acid proof stainless steel

ART. NO.	ART. NO. ONLY TIPCUP	G	VL	VU	D1	D2	D3	L1	L2	ANGLE	KG/100	PACK
ST716405	SC6438071	3/8”	7,1	6,4	5	48	42	23	42	± 6°	-	BULK
ST717105	SC7138071	3/8”	7,1	7,1	5	48	42	23	42	± 6°	-	BULK
ST757164	SC7112075	1/2”	7,5	7,1	6,4	64	56	28	54	± 6°	-	BULK
ST757571	SC7512075	1/2”	7,5	7,5	7,1	64	56	28	54	± 6°	-	BULK
ST847564	SC7512084	1/2”	8,4	7,5	6,4	64	56	28	54	± 6°	-	BULK
ST848471	SC8412084	1/2”	8,4	8,4	7,1	64	56	28	54	± 6°	-	BULK
ST958464	SC8412095	1/2”	9,5	8,4	6,4	64	56	28	54	± 6°	-	BULK
ST959571	SC9512095	1/2”	9,5	9,5	7,1	64	56	28	54	± 6°	-	BULK
ST119571	SC9512111	1/2”	11,1	9,5	7,1	70	60	30	58	± 6°	-	BULK
ST119584	SC9558111	5/8”	11,1	9,5	8,4	70	60	30	58	± 6°	-	BULK
ST121171	SC1112127	1/2”	12,7	11,1	7,1	75	65	35	66	± 6°	-	BULK
ST121184	SC1158127	5/8”	12,7	11,1	8,4	75	65	35	66	± 6°	-	BULK
ST141184	SC1158143	5/8”	14,3	11,1	8,4	80	74	35	68	± 6°	253,8	BULK
ST141295	SC1234143	3/4”	14,3	12,7	9,5	80	74	35	68	± 6°	-	BULK
ST161495	SC1434168	3/4”	16,8	14,3	9,5	90	78	40	83	± 6°	388,2	BULK
ST161411	SC1478168	7/8”	16,8	14,3	11,1	90	78	40	83	± 6°	-	BULK

The user is responsible for choosing the proper rod diameter and for correct assembly

D3: Tolerance +0/-0,2





The stemball spreader tipcup is made from AISI 316L material and is mirror polished.
Supplied to customer needs either complete with stemballs and diagonal rigscrew or bare with no fittings.

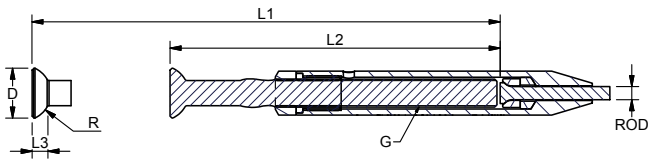
MONO DIAGONAL RIGGING SCREW - MDR

Polished stainless steel - AISI 316

ART. NO.	ROD Ø	DASH	G	D	R	L1	L2	L3	BL/KG	PACK
MD038050	5	6	3/8”	16,8	9	190	130	5,9	2850	BULK
MD716057	5,7	8	7/16”	19,8	11	205	140	7,2	3750	BULK
MD012060	6	9	1/2”	23,5	13	227	152	8	4000	BULK
MD012064	6,4	10	1/2”	23,5	13	227	152	8	4600	BULK
MD012071	7,1	12	1/2”	23,5	13	227	152	8	5700	BULK
MD058075	7,5	15	5/8”	27,8	15	277	187	9,5	6300	BULK
MD058080	8	16	5/8”	27,8	15	277	187	9,5	7100	BULK
MD058084	8,4	17	5/8”	27,8	15	277	187	9,5	7700	BULK
MD034095	9,5	22	3/4”	31,8	17	323	215	10,5	10000	BULK
MD078111	11,1	30	7/8”	35,9	20	379	249	11	13500	BULK
MD100127	12,7	40	1”	38,5	22	486	316	11	16500	BULK

The user is responsible for choosing the proper rod diameter and for correct assembly

Note: Break loads are determined by rod (SanRig 80)





A sleek and elegant diagonal turnbuckle and a favourable alternative to the Blue Wave standard chrome bronze turnbuckle. It features a thread alu bronze insert and an alu bronze cup to prevent the threaded stemball and the rod end from seizing.

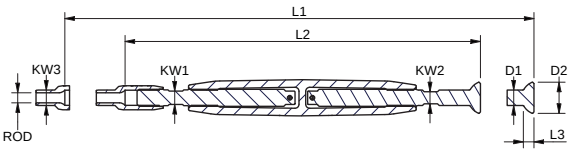


RIGGING SCREW BALL/SOCKET UNF

Polished stainless steel - AISI 316 and chromed bronze body

ART. NO.	ROD Ø	DASH	G	D1	D2	L1	L2	L3	KW1	KW2	KW3	BL/KG	PACK
RB516003	3	1	5/16”	7,9	16,8	271	181	5,9	6	6	10	1000	BULK
RB516004	4	3	5/16”	7,9	16,8	271	181	5,9	6	6	10	1700	BULK
RB038005	5	6	3/8”	9,5	16,8	307	223	5,9	7	7	10,5	2850	BULK
RB716005	5	6	7/16”	11	19,7	357	267	6,4	8	9	11	2850	BULK
RB716057	5,7	8	7/16”	11	19,7	357	267	6,4	8	9	11	3750	BULK
RB012057	5,7	8	1/2”	12,7	23,2	396	290	7,2	10	11	11,5	3750	BULK
RB716006	6	9	7/16”	11	19,7	357	267	6,4	8	9	11	4000	BULK
RB012006	6	9	1/2”	12,7	23,2	396	290	7,2	10	11	11,5	4000	BULK
RB012064	6,4	10	1/2”	12,7	23,2	396	290	7,2	10	11	11,5	4600	BULK
RB012071	7,1	12	1/2”	12,7	23,2	396	290	7,2	10	11	11,5	5700	BULK
RB058071	7,1	12	5/8”	16	27,8	509	377	9	13	14	14,5	5700	BULK
RB058075	7,5	15	5/8”	16	27,8	509	377	9	13	14	14,5	6300	BULK
RB058008	8	16	5/8”	16	27,8	509	377	9	13	14	14,5	7100	BULK
RB058084	8,4	17	5/8”	16	27,8	509	377	9	13	14	14,5	7700	BULK
RB034084	8,4	17	3/4”	19	31,7	589	429	10	17	17	16,5	7700	BULK
RB343484	8,4	17	3/4”	19	31,7	546	377	10	17	17	16,5	7700	BULK
RB034095	9,5	22	3/4”	19	31,7	589	429	10	17	17	16,5	10000	BULK
RB078111	11,1	30	7/8”	20	35,9	610	425	11,4	19	17	19	13500	BULK
RB001127	12,7	40	1”	23	38,9	737	501	11,3	22	20	22,5	16500	BULK

Note: All break loads are determined by rod (SanRig 80)





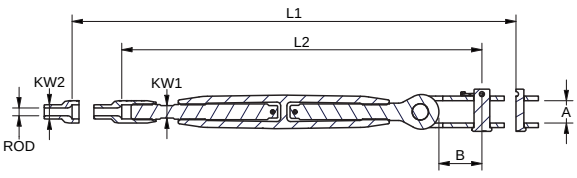
RIGGING SCREW TOGGLE/SOCKET UNF

Polished stainless steel - AISI 316 and chromed bronze body

ART. NO.	ROD Ø	DASH	G	A	B	L1	L2	PIN	KW1	KW2	PACK
RT516003	3	1	5/16”	10	20	285	195	8	6	10	BULK
RT516004	4	3	5/16”	10	20	285	195	8	6	10	BULK
RT038005	5	6	3/8”	12	26	313	230	9,5	7	10,5	BULK
RT716005	5	6	7/16”	15	28	349	259	11	8	11	BULK
RT716057	5,7	8	7/16”	15	28	349	259	11	8	11	BULK
RT012057	5,7	8	1/2”	18	35	386	280	12,7	10	11,5	BULK
RT716006	6	9	7/16”	15	28	349	259	11	8	11	BULK
RT012006	6	9	1/2”	18	35	386	280	12,7	10	11,5	BULK
RT012064	6,4	10	1/2”	18	35	386	280	12,7	10	11,5	BULK
RT012071	7,1	12	1/2”	18	35	386	280	12,7	10	11,5	BULK
RT058071	7,1	12	5/8”	20	41	511	379	16	13	14,5	BULK
RT058075	7,5	15	5/8”	20	41	511	379	16	13	14,5	BULK
RT058008	8	16	5/8”	20	41	511	379	16	13	14,5	BULK
RT058084	8,4	17	5/8”	20	41	511	379	16	13	14,5	BULK
RT034084	8,4	17	3/4”	24	45	577	417	19	17	16,5	BULK
RT034095	9,5	22	3/4”	24	45	577	417	19	17	16,5	BULK
RT078111	11,1	30	7/8”	26	49	683	469	22	19	19	BULK
RT078127	12,7	40	7/8”	26	49	678	484	22	22	21	BULK
RT001127	12,7	40	1”	29	59	824	562	25,4	22	22,5	BULK

Note: All break loads are determined by rod (SanRig 80)

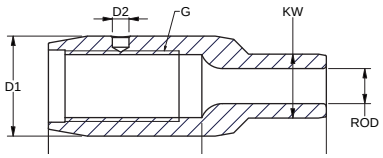
The user is responsible for choosing the proper rod diameter and for correct assembly



SOCKET FOR ROD

Polished stainless steel - AISI 316

ART. NO.	ROD Ø	DASH	G	D1	D2	L1	L2	KW	KG/100	PACK
SO516003	3	1	5/16”	13	3	39	19,7	10	2,8	BULK
SO516004	4	3	5/16”	13	3	39	19,7	10	2,7	BULK
SO038004	4	3	3/8”	13	3	44	19,7	10,5	3,3	BULK
SO516044	4,4	4	5/16”	13	3	39	19,7	10	2,7	BULK
SO038044	4,4	4	3/8”	14	3	44	22,8	10,5	3,3	BULK
SO038005	5	6	3/8”	14	3	44	22,8	10,5	3,2	BULK
SO716044	4,4	4	7/16”	16	3	45	24,3	11	4,2	BULK
SO716005	5	6	7/16”	16	3	45	24	11	4,1	BULK
SO716057	5,7	8	7/16”	16	3	45	25,1	11	4	BULK
SO012057	5,7	8	1/2”	18	3	50	27,59	11,5	5,4	BULK
SO716006	6	9	7/16”	16	3	45	27,7	11	3,9	BULK
SO012006	6	9	1/2”	18	3	50	27,59	11,5	5,4	BULK
SO012064	6,4	10	1/2”	18	3	50	28,24	11,5	5,3	BULK
SO012071	7,1	12	1/2”	18	3	50	28,8	11,5	5,1	BULK
SO058071	7,1	12	5/8”	22	4	58	34	14,5	9,4	BULK
SO058075	7,5	15	5/8”	22	4	58	33,62	14,5	9,3	BULK
SO058008	8	16	5/8”	22	4	58	34,22	14,5	9,1	BULK
SO058084	8,4	17	5/8”	22	4	58	34,86	14,5	9	BULK
SO034084	8,4	17	3/4”	26	4	70	40,52	16,5	15	BULK
SO034095	9,5	22	3/4”	26	4	70	41,3	16,5	14,5	BULK
SO078111	11,1	30	7/8”	30	4	80	45,13	19	22,1	BULK
SO100127	12,7	40	1”	35	4	94	52,69	22,5	36,6	BULK
SO118143	14,3	48	1 1/8”	40	5	105	61	26	54	BULK
SO138168	16,8	60	1 3/4”	48	5	120	68	30	85	BULK

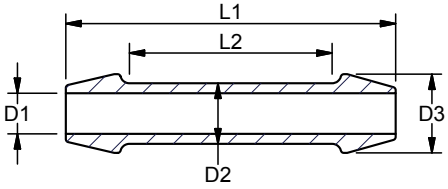




SPREADER BEND FOR ROD

Polished stainless steel - AISI 316

ART. NO.	ROD Ø	DASH	D1	D2	D3	L1	L2	KG/100	PACK
SP000004	4,4	3 + 4	4,4	7	10	31	14	1	BULK
SP000005	5	6	5,3	8	11	35,5	18,5	1	BULK
SP000057	5,7	8	6	9	12	42,5	23,5	1,4	BULK
SP000006	6	9	6,3	9	12	42,5	23,5	1,4	BULK
SP000064	6,4	10	6,7	10	13	54,5	33,5	2,2	BULK
SP000071	7,1	12	7,4	10	13	54,5	33,5	1,9	BULK
SP000075	7,5	15	7,8	11	14	63,5	38,5	2,8	BULK
SP000008	8	16	8,4	11	14	63,5	38,5	2,4	BULK
SP000084	8,4	17	8,8	11	14	63,5	38,5	2,2	BULK
SP000095	9,5	22	9,9	13	16	70,5	43,5	3,7	BULK
SP000111	11,1	30	11,5	15	18	84,5	53,5	5,6	BULK
SP000127	12,7	40	13,1	19	22	96,5	61,5	12,1	BULK
SP000143	14,3	48	15	19	22	98,5	61,5	9,4	BULK
SP000168	16,8	60	17,5	21	25	110,5	66,5	11,5	BULK



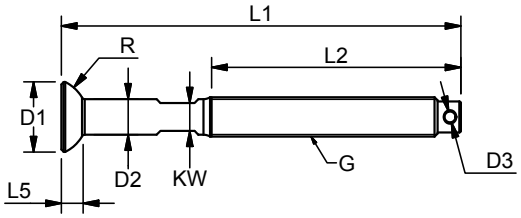




THREADED BALL FOR TIPCUP

Polished stainless steel - AISI 316

ART. NO.	LEFT G	D1	D2	D3	L1	L2	L5	KW	R	BL/KG	KG/100	PACK
BT014000	1/4”	13	6,35	2,2	80	47	4,5	5	5	1300	3,9	BULK
BT516000	5/16”	16,8	8,5	2,8	92	57	6	7	9	2200	4,2	BULK
BT038000	3/8”	16,8	8,5	2,8	101	63	5,7	7	9	3400	5,6	BULK
BT716000	7/16”	19,8	10	3,5	111	70	7,5	9	11	4600	8	BULK
BT012000	1/2”	23,2	11,5	3,5	129	80	7,5	11	12,5	6100	12,2	BULK
BT058000	5/8”	27,8	14	4,3	154	100	9	14	15	9900	23,4	BULK
BT034000	3/4”	31,8	17	4,5	178	120	10	17	17,5	14400	38,4	BULK
BT078000	7/8”	35,9	20	5,5	200	140	10,5	17	20	19600	60,7	BULK
BT100000	1”	38,9	23	5,5	235	170	10,5	20	22	20000	92,9	BULK

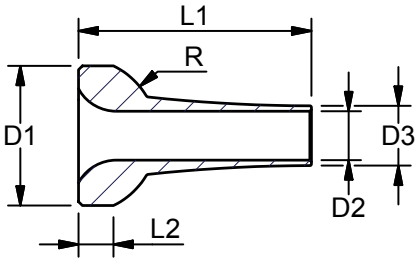




STEMBALL FOR ROD

Polished stainless steel - AISI 316

ART. NO.	ROD Ø	DASH	D1	D2	D3	L1	L2	R	KG/100	PACK
SB000004	4	3	14	4,2	5,7	25,4	3,9	8	0,7	BULK
SB000044	4,4	4	14	4,6	6,1	25,4	3,9	8	0,7	BULK
SB000005	5	6	14	5,2	6,7	25,4	3,9	8	0,8	BULK
SB000057	5,7	8	18	5,9	7,4	30	4,5	10	1	BULK
SB000006	6	9	18	6,2	7,7	30	4,5	10	1,2	BULK
SB000064	6,4	10	18	6,6	8,1	30	4,5	10	1,6	BULK
SB000071	7,1	12	20	7,3	8,8	35	5	11	2,4	BULK
SB000075	7,5	15	20	7,8	9,3	35	5	11	2,3	BULK
SB000008	8	16	23	8,3	10,3	40	5,5	12,5	3,2	BULK
SB000084	8,4	17	23	8,7	10,7	40	5,5	12,5	3,5	BULK
SB000095	9,5	22	26	9,8	11,8	50	6,5	15	5	BULK
SB000111	11,1	30	30	11,4	14,4	55	8,1	17,5	8,2	BULK
SB000127	12,7	40	35	13	16	60	9	20	12,2	BULK
SB000143	14,3	48	38	14,6	18,6	70	10	22	16,5	BULK
SB000168	16,8	60	42	17,2	21,2	85	11	26	21,3	BULK

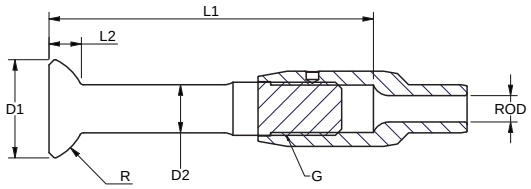


BALL TERMINAL FOR ROD

Polished stainless steel - AISI 316

ART. NO.	ROD Ø	DASH	G	D1	D2	R	L1	L2	KW	KG/100	PACK
BA516003M	3	1	5/16”	16,8	10	9	53	5,9	10	5,9	BULK
BA038004M	4	3	3/8”	16,8	8,5	9	59	5,9	10,5	6,5	BULK
BA516004M	4	3	5/16”	16,8	10	9	53	5,9	10	6,5	BULK
BA038005M	5	6	3/8”	16,8	8,5	9	59	5,9	10,5	8,1	BULK
BA716005M	5	6	7/16”	19,7	10	11	61	6,4	11	8,1	BULK
BA716057M	5,7	8	7/16”	19,7	10	11	61	6,4	11	8,1	BULK
BA012057M	5,7	8	1/2”	23,2	11,5	12	71	7,2	11,5	11,6	BULK
BA716006M	6	9	7/16”	19,7	10	11	61	6,4	11	8,1	BULK
BA012006M	6	9	1/2”	23,2	11,5	12	71	7,2	11,5	11,6	BULK
BA012064M	6,4	10	1/2”	23,2	11,5	12	71	7,2	11,5	11,6	BULK
BA012071M	7,1	12	1/2”	23,2	11,5	12	71	7,2	11,5	11,5	BULK
BA058071M	7,1	12	5/8”	27,8	14	15	81	9	14,5	21,3	BULK
BA058075M	7,5	15	5/8”	27,8	14	15	81	9	14,5	21,3	BULK
BA058008M	8	16	5/8”	27,8	14	15	81	9	14,5	21,5	BULK
BA058084M	8,4	17	5/8”	27,8	14	15	81	9	14,5	21,2	BULK
BA034084M	8,4	17	3/4”	31,7	17	17,5	92	10	16,5	33,7	BULK
BA034095M	9,5	22	3/4”	31,7	17	17,5	91	10	16,5	33,5	BULK
BA078111M	11,1	30	7/8”	35,7	20	20	101	10,5	19	48,3	BULK
BA100127M	12,7	40	1”	38,7	23	22	111	10,5	22,5	73,1	BULK
BA118143M	14,3	48	1 1/8”	41,7	26	23	126	11,5	26	112,3	BULK
BA138168M	16,8	60	1 3/8”	46,8	32	25	136	12,5	30	192,9	BULK



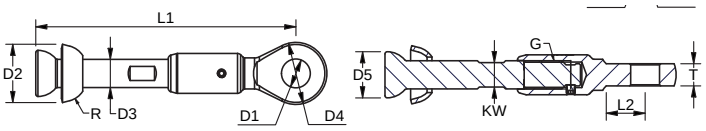


BALL EYE

Polished stainless steel - AISI 316

ART. NO.	WIRE	D1	D2	D3	D4	D5	G	L1	L2	T	R	KW	BL/KG	KG/100	PACK
BE9526	5 - 6	9,8	26	9,5	22	20,8	3/8”	100	16	6	10	8	3400	10,6	10
BE1126	6 - 7	11,5	26	11,1	24	20,8	7/16”	111	17	8	10	9	4600	14,3	10
BE1326	7 - 8	13	26	12,7	28	20,8	1/2”	117	19	10	10	11	6100	19,2	10
BE1634	8	16,5	34	15,9	36	28,5	5/8”	144	21,0	12	13	14	9900	37	10



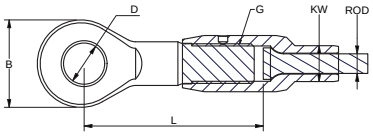


EYE TERMINAL FOR ROD

Polished stainless steel - AISI 316



ART. NO.	ROD Ø	DASH	G	B	D1	T	L	KW	KG/100	PACK
EY516004M	4	3	5/16”	17	8,5	5	34	10	3,6	BULK
EY038005M	5	6	3/8”	22	10,2	6	50	10,5	6,3	BULK
EY716005M	5	6	7/16”	24	11,5	8	46	11	8,3	BULK
EY716057M	5,7	8	7/16”	24	11,5	8	46	11	8,3	BULK
EY012057M	5,7	8	1/2”	28	13,2	10	56	11,5	12,5	BULK
EY716006M	6	9	7/16”	24	11,5	8	46	11	8,3	BULK
EY012006M	6	9	1/2”	28	13,2	10	56	11,5	12,5	BULK
EY012064M	6,4	10	1/2”	28	13,2	10	56	11,5	12,5	BULK
EY012071M	7,1	12	1/2”	28	13,2	10	56	11,5	12,4	BULK
EY058071M	7,1	12	5/8”	36	16,5	12	70	14,5	24,4	BULK
EY058075M	7,5	15	5/8”	36	16,5	12	70	14,5	24,4	BULK
EY058008M	8	16	5/8”	36	16,5	12	70	14,5	24,6	BULK
EY058084M	8,4	17	5/8”	36	16,5	12	70	14,5	24,3	BULK
EY034084M	8,4	17	3/4”	41	19,5	16	79	16,5	38,1	BULK
EY034095M	9,5	22	3/4”	41	19,5	16	79	16,5	37,9	BULK
EY078111M	11,1	30	7/8”	47	23	18	92	19	57,1	BULK
EY100127M	12,7	40	1”	52	26	20	101	22,5	83,1	BULK
EY118143M	14,3	48	1 1/8”	62	28,5	24	112	26	127,8	BULK
EY138168M	16,8	60	1 3/8”	68	32,5	30	125	30	212,7	BULK



TOGGLE TERMINAL FOR ROD

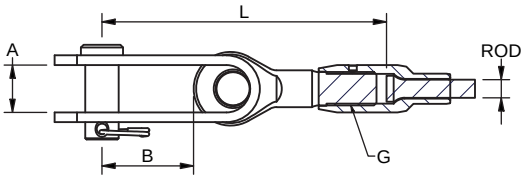
Polished stainless steel - AISI 316



ART. NO.	ROD Ø	DASH	G	PIN	A	B	L	KW	KG/100	PACK
TO516004M	4	3	5/16”	8	10	18	53	10	9,6	BULK
TO716005M	5	6	7/16”	11	15	30	88	11	24,4	BULK
TO716057M	5,7	8	7/16”	11	15	30	88	11	24,4	BULK
TO012057M	5,7	8	1/2”	12,7	18	30	102	11,5	34,8	BULK
TO716006M	6	9	7/16”	11	15	30	88	11	24,4	BULK
TO012006M	6	9	1/2”	12,7	18	30	102	11,5	34,5	BULK
TO012064M	6,4	10	1/2”	12,7	18	30	102	11,5	34,5	BULK
TO012071M	7,1	12	1/2”	12,7	18	30	102	11,5	34,4	BULK
TO058071M	7,1	12	5/8”	16	20	35	126	14,5	61,3	BULK
TO058075M	7,5	15	5/8”	16	20	35	126	14,5	61,8	BULK
TO058008M	8	16	5/8”	16	20	35	126	14,5	61,5	BULK
TO058084M	8,4	17	5/8”	16	20	35	126	14,5	61,2	BULK
TO034095M	9,5	22	3/4”	19	24	40	141	16,5	99,9	BULK
TO078111M	11,1	30	7/8”	22	26	50	163	19	151,4	BULK
TO100127M	12,7	40	1”	25,4	29	60	182	22,5	246,5	BULK
TO118143M	14,3	48	1 1/8”	28	34	65	206	26	319,6	BULK
TO138168M	16,8	60	1 3/8”	32	40	75	233	30	371,9	BULK

Note: Rod in various lengths are available on request

The user is responsible for choosing the proper rod diameter and for correct assembly



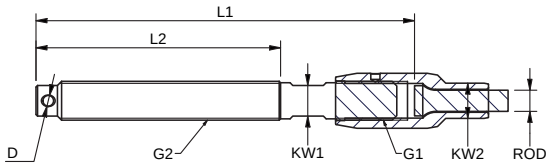
THREAD STUD TERMINAL FOR ROD

Polished stainless steel - AISI 316

ART. NO. RIGHT	ART. NO. LEFT	ROD Ø	DASH	G1	G2	D	KW1	KW2	L1	L2	KG/100	PACK
SR516003M	SL516003M	3	1	5/16”	5/16”	2,2	6	10	84	57	4,5	BULK
SR516004M	SL516004M	4	3	5/16”	5/16”	2,2	6	10	84	57	4,5	BULK
SR038004M	SL038004M	4	3	3/8”	3/8”	2,2	7	10,5	93	63	8,6	BULK
SR038044M	SL038044M	4,6	4	3/8”	3/8”	2,8	7	10,5	92	62	7,7	BULK
SR038005M	SL038005M	5	6	3/8”	3/8”	2,2	7	10,5	93	63	8,6	BULK
SR716005M	SL716005M	5	6	7/16”	7/16”	2,2	8	11	103	70	9,6	BULK
SR716057M	SL716057M	5,7	8	7/16”	7/16”	2,2	8	11	103	70	9,6	BULK
SR012057M	SL012057M	5,7	8	1/2”	1/2”	2,8	10	11,5	119	80	14,3	BULK
SR716006M	SL716006M	6	9	7/16”	7/16”	2,2	8	11	103	70	9,6	BULK
SR012006M	SL012006M	6	9	1/2”	1/2”	2,8	10	11,5	119	80	14,3	BULK
SR012064M	SL012064M	6,4	10	1/2”	1/2”	2,8	10	11,5	119	80	14,3	BULK
SR012071M	SL012071M	7,1	12	1/2”	1/2”	2,8	10	11,5	119	80	14,2	BULK
SR058071M	SL058071M	7,1	12	5/8”	5/8”	3,5	13	14,5	146	100	27,8	BULK
SR058075M	SL058075M	7,5	15	5/8”	5/8”	3,5	13	14,5	146	100	27,8	BULK
SR058008M	SL058008M	8	16	5/8”	5/8”	3,5	13	14,5	146	100	28	BULK
SR058084M	SL058084M	8,4	17	5/8”	5/8”	3,5	13	14,5	146	100	27,7	BULK
SR034084M	SL034084M	8,4	17	3/4”	5/8”	3,5	17	16,5	171	120	43,1	BULK
SR343484M	SL343484M	8,4	17	3/4”	3/4”	3,5	17	16,5	176	120	46,3	BULK
SR034095M	SL034095M	9,5	22	3/4”	3/4”	3,5	17	16,5	176	120	46,1	BULK
SR078111M	SL078111M	11,1	30	7/8”	7/8”	3,5	19	19	191	140	69	BULK
SR100127M	SL100127M	12,7	40	1”	1”	3,5	22	22,5	241	170	114,3	BULK
SR118143M	SL118143M	14,3	48	1 1/8”	1 1/8”	5,5	25	26	260	180	183,8	BULK
SR138168M	SL138168M	16,8	60	1 3/8”	1 3/8”	6,5	30	30	293	203	277,8	BULK

The user is responsible for choosing the proper rod diameter and for correct assembly



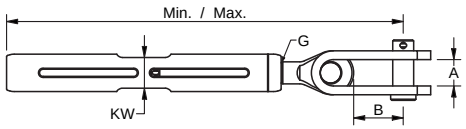


APEX RIGGING SCREW TOGGLE/BLANK

Polished stainless steel - AISI 316 with bronze inserts

ART. NO.	G	PIN	A	B	MIN - MAX	KW	BL/KG	KG/100
240006AS	1/4"	6,4	8	17	143 - 171	11	1300	10,4
240008AS	5/16"	8	10	20	171 - 207	13	2200	16,9
240010AS	3/8"	9,5	12	27	203 - 241	15	3400	30,1
240011AXS	7/16"	11	15	30	222 - 266	16	4600	45,7
240012AXS	1/2"	12,7	18	35	245 - 297	18	6100	58,4
240016AXS	5/8"	15,7	20	40	310 - 378	22	9900	111,4
240020AXS	3/4"	19	24	45	386 - 467	28	14400	204,6
240022AXS	7/8"	22	26	49	435 - 529	31	19600	321,7
240025AXS	1"	25,4	29	56	514 - 633	33	21400	480,5
240027AXS	1 1/8"	28	34	62	542 - 666	39	27600	615,7
240030AXS	1 1/4"	32	40	73	604 - 739	42	34600	890,7
240036AXS	1 3/8"	35	44	81	660 - 811	45	42400	1116,6
240042AXS	1 5/8"	40	48	99	810 - 1006	55	63200	1724







T TERMINAL FOR ROD

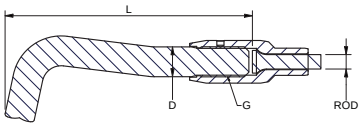
Polished stainless steel - AISI 316

										Fits back plates:	
ART. NO.	ROD Ø	DASH	G	D	L	KW	KG/100	PACK	BW	Navtec	Swedish BP
TT516044M	4,4	4	5/16"	9	78,06	10	6,6	BULK	616105	740-4	-
TT716005M*	5	6	7/16"	12,58	106,5	11	15,1	BULK	616107	740-7	-
TT716057M*	5,7	8	7/16"	12,58	106,5	11	15,1	BULK	616107	740-7	-
TT012057M*	5,7	8	1/2"	12,58	106,5	11,5	17,3	BULK	616107	740-7	-
TT716006M*	6	9	7/16"	12,58	106,5	11	15,1	BULK	616107	740-7	-
TT012006M*	6	9	1/2"	12,58	106,5	11,5	17,3	BULK	616107	740-7	-
TT012064M*	6,4	10	1/2"	12,58	106,5	11,5	17,3	BULK	616107	740-7	-
TT012071M*	7,1	12	1/2"	14,2	116,5	11,5	20,7	BULK	616107	740-7	-
TT058071M**	7,1	12	5/8"	16	141,5	14,5	34	BULK	616110	740-10	507-583
TT058075M**	7,5	15	5/8"	16	141,5	14,5	34	BULK	616110	740-10	507-583
TT058008M**	8	16	5/8"	17,8	156,5	14,5	41,7	BULK	616110	740-10	507-583
TT058084M**	8,4	17	5/8"	17,8	156,5	14,5	41,7	BULK	616110	740-10	507-583

Note: Rod in various lengths are available on request

The user is responsible for choosing the proper rod diameter and for correct assembly

Use back plates 616107 for * and 616110 for ** or refer to page 23

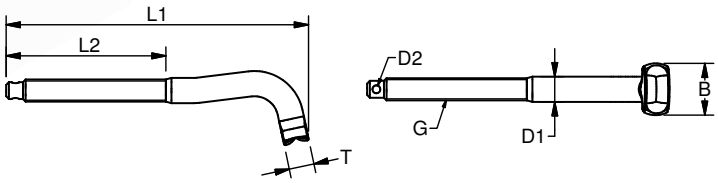




THREADED T-TERMINAL

Polished stainless steel - AISI 316

											Fits backing plates:	
ART. NO.	LEFT G	B	T	D1	D2	L1	L2	BL/KG	KG/100	PACK	BW	Navtec	Swedish BP
036106A	1/4"	13,5	6,35	6,35	2,2	84	48	1300	2,4	20	616103	740-3	507-553
036108A	5/16"	18,5	9	9	2,8	108	57	2200	5,5	20	616105	740-4	507-551
036110A	3/8"	27,5	12,6	12,6	2,8	131	63	3400	12,3	20	616107	740-7	507-552
036111A	7/16"	27,5	12,6	12,6	3,5	131	68	4600	13,6	10	616107	740-7	507-552
036112A	1/2"	29	14,2	14,2	3,5	142	80	6100	18,4	10	616107	740-7	-
036116A	5/8"	35,5	17,8	17,8	4,5	194	101	9900	40,1	10	616110	740-10	507-583



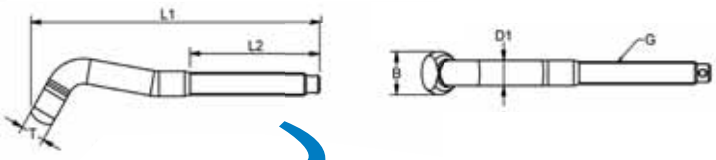


THREADED SHROUD TERMINALS

Polished stainless steel - AISI 316

										Fits back plates:	
ART. NO.	LH G	D1	B	T	L1	L2	BL/KG	KG/100	PACK	BW	Navtec
SH036106A	1/4"	6,35	13,5	6,35	95	48	1300	2,8	20	616103	-
SH036108A	5/16"	9	18,4	9	114	57	2200	6,1	20	616105	-
SH036110A	3/8"	12,58	21,5	12,58	160	63	3400	15,1	20	SH6106	N841-M06
SH036111A	7/16"	12,58	21,5	12,58	165	68	4600	16,8	20	SH6106	N841-M06
SH036112A	1/2"	14,2	28	14,2	162	80	6100	22,6	20	SH6107	N841-M07
SH036116A	5/8"	16	29	16	189	100	8000	34,9	10	SH6107	N841-M08
SH036116AX	5/8"	17,8	32	17,8	197	100	9900	42,6	10	SH6110	N841-M10
SH036120A	3/4"	21,4	38	21,4	277	120	14400	82,7	10	SH6112	N841-M12

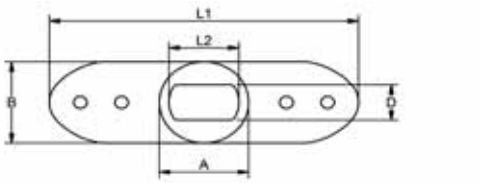
The user is responsible for choosing the proper cable diamter and for correct assembly



BACK PLATE FOR SHROUD TERMINALS

Polished stainless steel - AISI 316

ART. NO.	WIRE	A	B	D	L1	L2	KG/100	PACK
616105US	5	27,2 X 17,2	25	13	66	23	2,5	20
SH6106	6	30	30	13,5	95,5	24,5	5	20
SH6107	7-8	39,5	38	17	120	31	12,4	20
SH6110	10	44	43,5	19,5	150	34	32	10
SH6112	12	51,5	51	22,5	177	40	47	10



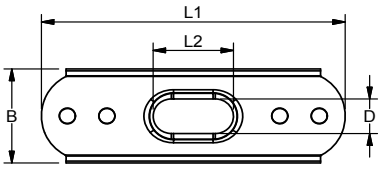


For Blue Wave shroud terminals.

BACK PLATES FOR T TERMINALS

Polished stainless steel - AISI 316

ART. NO.	WIRE		ROD	B	D	L1	L2	KG/100	PACK
616103	2 - 3	-	-	15	7	50	14	0,5	20
616105	4 - 5	-	-	26	9,5	88	26	3,5	20
616105US	5	3/16”	-	26	13	66	23	2,8	20
616107	6 - 7	-	5-7,1	40	15	123	32	9	20
616110	8 - 10	-	7,1-8,4	38	19	151	41	23	10





For Blue Wave T terminals.

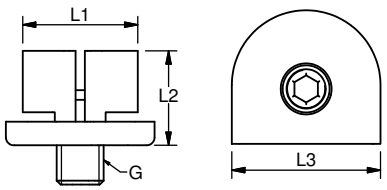
PLUGS FOR T BACK PLATES

POM - polyacetal / AISI 316

ART. NO. BULK	ART. NO. RETAIL PACK	BACK PLATE	G	L1	L2	L3	KG/100	PACK
PLUG0203	PLUG0203P2	616103	M5	7,4	8,5	10	0,2	2
PLUG0405	PLUG0405P2	616105	M6	9,6	12	13	0,4	2
PLUG0607	PLUG0607P2	616107	M6	14,7	12	19	0,5	2
PLUG0810	PLUG0810P2	616110	M8	19	21	25	1,3	2
SD-PLUG03	SD-PLUG03P2	507-553	M5	7,3	8,5	10	0,2	2
SD-PLUG04	SD-PLUG04P2	507-551	M5	9,4	8,5	13	0,2	2
SD-PLUG05	SD-PLUG05P2	507-552	M6	11,8	12	15	0,3	2
SD-PLUG06	SD-PLUG06P2	507-554	M6	13,8	12	19	0,3	2
SD-PLUG07	SD-PLUG07P2	507-601	M6	15,7	12	20	0,4	2
SD-PLUG08	SD-PLUG08P2	507-582	M6	17,3	21	23	1,1	2



Fits above the T terminal in the backing plate. Locks with an allen key.



Community Design Registration 2012
design reg. -003387497-0001



FURLER REPLACEMENT FITTINGS FOR ROD

The furler rod system features a two part seat socket and can be fitted onto a rod with head already formed. Available with eye, stud and toggle.





FURLER EYE TERMINAL FOR ROD

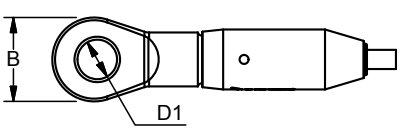
Polished acid proof stainless steel

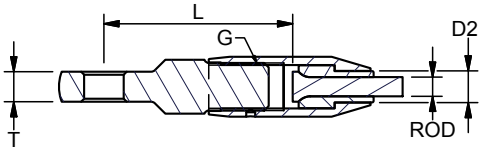
ART. NO.	ROD Ø	DASH	G	L	B	D1	D2	T	KG/100	PACK
FSX58060	6	9	5/8”	55	24	11,5	10,6	8	14,8	PACK
FS058060	6	9	5/8”	62	28	13,2	10,6	10	17,8	BULK
FS058064	6,4	10	5/8”	62	28	13,2	10,6	10	17,8	BULK
FSX34071	7,1	12	3/4”	67	28	13,2	14	10	27	BULK
FS034071	7,1	12	3/4”	73,5	36	16,5	14	12	32	BULK
FS034075	7,5	15	3/4”	73,5	36	16,5	14	12	31,6	BULK
FS034080	8	16	3/4”	73,5	36	16,5	14	12	31,5	BULK
FS034084	8,4	17	3/4”	73,5	36	16,5	14	12	31,3	BULK
FSX34084	8,4	17	3/4”	83	41	19,5	14	16	40,2	BULK
FS100095	9,5	22	1”	92	41	19,5	19	16	64,6	BULK
FSX10111	11,1	30	1”	92	41	19,5	19	16	64,2	BULK
FS100111	11,1	30	1”	96	47	23,0	19	18	71,3	BULK

Also available as toggle version

Note: Break loads are determined by rod

The user is responsible for choosing the proper rod diameter and for correct assembly



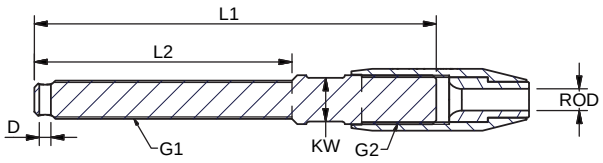


FURLER THREAD TERMINAL

Polished stainless steel - AISI 316

ART. NO.	ROD Ø	DASH	G1	G2	D	KW	L1	L2	KG/100	PACK
FSSR1264	6,4	10	1/2”	5/8”	3,5	13	122	80	20,9	BULK
FSSR5875	7,5	15	5/8”	3/4”	4,5	17	156	100	39,7	BULK
FSSR5884	8,4	17	5/8”	3/4”	4,5	17	156	100	39,3	BULK
FSSR3495	9,5	22	3/4”	1”	4,5	22	187	120	79,8	BULK
FSSR7811	11,1	30	7/8”	1”	5,5	22	205	140	94,4	BULK



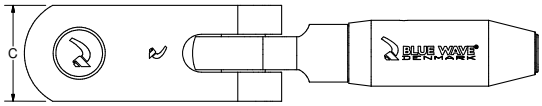


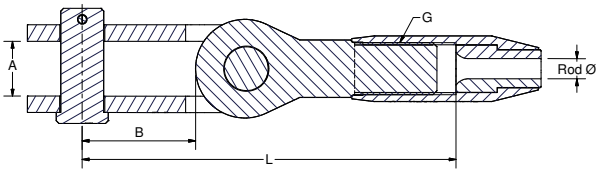
FURLER TOGGLE

Polished stainless steel - AISI 316

ART. NO.	ROD Ø	DASH	G	PIN	A	B	C	L	KG/100	PACK
FT011060	6	9	5/8”	11,1	15	31	30	100	30,8	BULK
FT012060	6	9	5/8”	12,7	18	34	30	113	36,7	BULK
FT012064	6,4	10	5/8”	12,7	18	34	30	113	36,7	BULK
FT012071	7,1	12	3/4”	12,7	18	35	30	117	46,2	BULK
FT058071	7,1	12	3/4”	15,9	20	41	35	136	68,9	BULK
FT058075	7,5	15	3/4”	15,9	20	41	35	136	68,9	BULK
FT058080	8	16	3/4”	15,9	20	41	35	136	68,8	BULK
FT058084	8,4	17	3/4”	15,9	20	41	35	136	68,7	BULK
FT034095	9,5	22	1”	19	24	45	40	162	128,2	BULK
FT034111	11,1	30	1”	19	24	45	40	162	127,8	BULK
FT078111	11,1	30	1”	22,2	26	47	50	172	165,5	BULK







TOGGLES

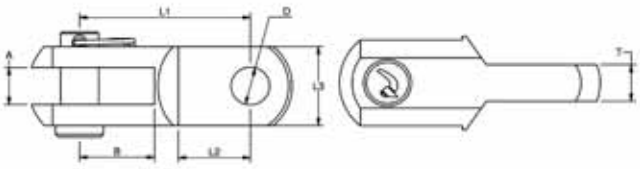


MACHINED TOGGLES

Polished stainless steel - AISI 316



ART. NO.	PIN	A	B	D	T	L1	L2	L3	BL/KG	KG/100	PACK
140606M	6,35	6,35	13	6,6	5,5	28	11	12	1300	1,9	BULK
140808M	8	7,9	16	8,1	7	34,5	13	16	2600	4,3	BULK
140909M	9,5	9,5	19	9,7	9	41,5	17	19	3500	7,1	BULK
141111M	11	11,1	22	11,3	9,5	48,5	19	23	4100	12,8	BULK
141313M	12,7	12,7	25	12,9	12,5	57	24	27	6200	21,1	BULK
141616M	16	15,8	32	16,3	13,5	70	28	33	9800	35,2	BULK
141919M	19	19	38	19,3	18	89	39	42	13000	74,7	BULK
142222M	22	22,2	44	22,5	21	99	41	48	17000	108,2	BULK
142525M	25,4	25,4	51	25,8	24	112	44	53	24000	157	BULK
142828M	28	28	59	28,5	27	130	48	59	30000	271,4	BULK
143232M	32	32	64	33	31	142	53	65	38000	367,8	BULK



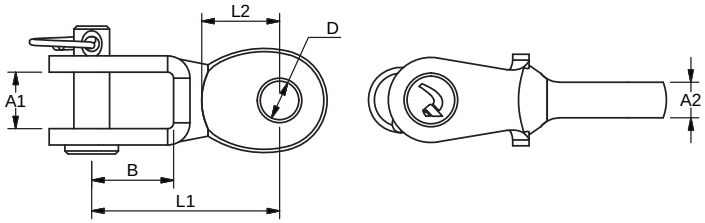
TOGGLES WITH EYE

Polished stainless steel - AISI 316



ART. NO.	PIN	A1	A2	B	D	L1	L2	BL/KG	KG/100	PACK
140506	5	7,5	5	12	5,5	26	9	1300	1,8	25
140608	6	9,5	6	13	6,5	32	10	1800	3	10
140810	8	11	8	15	8,5	36	12	3200	5,5	10
141011	9,5	12,5	9	19	10	45	16	3500	7,2	10
141111	11	12	9	23	11,5	51	17	5200	12,1	10
141214	12	14	10	25	13	59	23	5900	14,5	10
141414	14	22	14	30	14,5	78	28	7500	28	10
141616	16	22	16	30	16,5	84	30	9400	47,7	10

Note: All break loads are determined by clevis pin



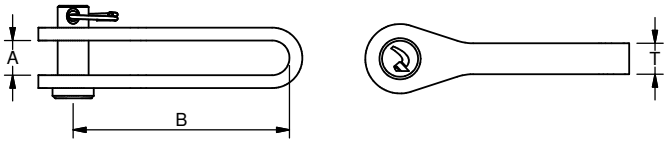
TOGGLES XL

Polished stainless steel - AISI 316

ART. NO.	PIN	A	B	T	BL/KG	KG/100	PACK
RF1410	9,5	10,5	68	10,2	4000	7,8	10
RF1411	11	11,5	75	10,5	4800	9,8	10
RF1412	12	13,5	84	12	5800	15,2	10
RF1416	16	17	94	15	8000	26,9	10
RF1419	19	21	105	18	13000	51	10
RF1422	22	25	138	25	17000	81,8	10



XL toggles are 50 % longer than standard toggles.

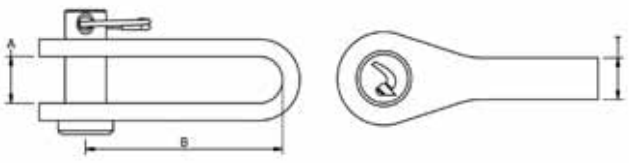


STANDARD TOGGLES

Polished stainless steel - AISI 316

ART.NO.	PIN	A	B	T	BL/KG	KG/100	PACK
140006	6	7,5	28	7	1800	2,3	10
140008	8	8,5	34	7,7	3600	4,1	10
140010	9,5	10,5	45	10,2	4000	6,3	10
140011	11	11,5	50	10,5	4800	8,3	10
140012	12	13,5	56	12	5800	12,6	10
140016	16	17	63	15	8000	22,5	10
140019	19	21	70	18	13000	41	10
140022	22	25	92	25	17000	66,9	10
140025	25,4	30	104	25	29000	109,2	BULK
140028	28	32	121	30	36000	147	BULK
140032	32	38	134	33	48000	225	BULK
140035	35	38	132	35	53000	266	BULK





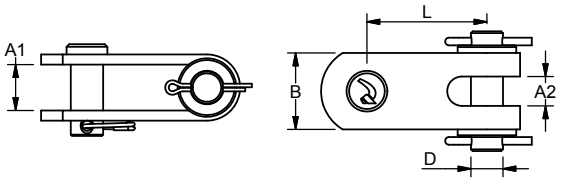
DOUBLE JAW TOGGLES

Polished stainless steel - AISI 316



ART. NO.	PIN	A1	A2	B	D	L	BL/KG	KG/100	PACK
250008	8	10	5,2	18	8	30	2350	6	BULK
250010	9,5	12	6,2	22	9,5	38	3500	11,9	BULK
250011	11	15	9,2	30	11	42	4100	18	BULK
250012	12,7	18	11,2	30	12,6	47,5	6200	24	BULK
250014	14	18	11,7	35	14	49,7	9400	34,8	BULK
250016	16	20	13,5	35	16	57	9800	41	BULK
250019	19	24	17,5	40	19	63	13000	70	BULK
250022	22	26	19	50	22	72	17000	87	BULK
250025	25,4	29	22	60	25	82	24000	107	BULK
250028	28	34	28	60	28	97	25500	234	BULK
250032	32	40	34	75	32	105	31000	340	BULK
250035	35	44	34	75	35	118	43000	470	BULK
250040	40	48	39	95	40	139	69000	564	BULK

The user is responsible for choosing the proper cable diameter and for correct assembly



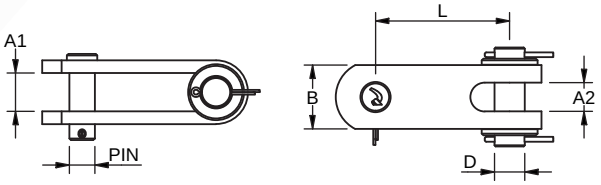
STEP DOWN DOUBLE JAW TOGGLES

Polished stainless steel - AISI 316



ART. NO.	PIN	A1	A2	B	D	L	BL/KG	KG/100	PACK
25001210	9,5	18	11,5	30	12,6	47	3500	19,8	BULK
25001612	12,7	20	13,8	35	16	79	6200	48,2	BULK
25001916	16	24	18	40	19	84	9800	80,2	BULK
25002219	19	26	20,3	50	22	89	13000	116,7	BULK
25002522	22	29	23	60	25	102	17000	195	BULK
25002825	25,4	34	28	65	28	118	24000	238,4	BULK

The user is responsible for choosing the proper cable diameter and for correct assembly

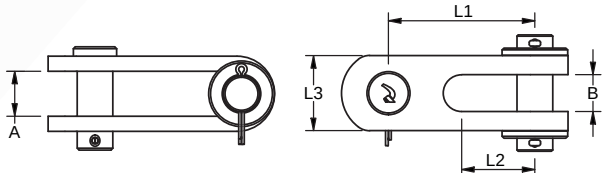


MASTHEAD TOGGLES

Polished stainless steel - AISI 316



ART. NO.	PIN	A	B	L1	L2	L3	BL/KG	KG/100	PACK
MH2511	11,1	15	11,1	46	23	30	4100	17,8	BULK
MH2512	12,7	18	12,7	52	26	30	6200	21,0	BULK
MH2516	15,9	20	15,9	65	32	35	9800	41,5	BULK
MH2519	19,0	24	19,0	78	39	40	13000	72	BULK
MH2522	22,0	26	22,0	90	46	50	19200	110	BULK
MH2525	25,4	29	25,4	110	62	60	24000	188	BULK





BLUE WAVE®

ACCESSORIES

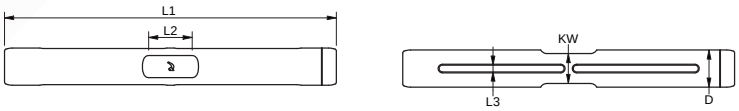


Stainless steel AISI 316L body with bronze inserts. Made with big flats for easy adjustment.

APEX BODIES

Polished stainless steel - AISI 316L with bronze inserts

ART. NO.	G	D	L1	L2	L3	KW	BL/KG	KG/100
012406A	1/4"	13,5	100	16	4,5	11	1300	5,8
012408A	5/16"	15,5	120	18	4,5	13	2200	8,7
012410A	3/8"	18	135	19	5,5	15	3400	14,1
012411A	7/16"	20	150	22	5,5	16	4600	20,5
012412A	1/2"	22	170	26	6,5	18	6100	27,3
012416A	5/8"	26	210	30	6,5	22	9900	46,4
012420A	3/4"	34	250	39	6,5	28	14400	96,1
012422A	7/8"	38	305	44	7,5	31	19600	153,5
012425A	1"	41	366	48	7,5	33	21400	203,1
012427A	1 1/8"	46	376	54	7,5	39	27600	252,5
012430A	1 1/4"	51	418	58	8,5	42	34600	358,8
012436A	1 3/8"	56	460	65	8,5	45	42400	480,1
012442A	1 5/8"	64	570	74	10,5	55	63200	727,5





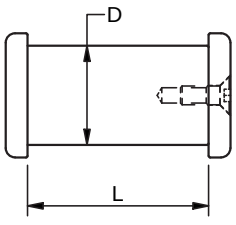
Elegant and tamper proof alternative to standard clevis pins. Fits the Blue Wave welded fork.

DOUBLE HEADED PINS

Stainless steel - AISI 316L

	ART. NO.	D (in)	D (mm)	L	KG/100
	RTT01706H	5/8"	15,9	31,5	7,6
	RTT02206H	3/4"	19,1	35,5	11,4
	RTT03006H	7/8"	22,2	37	15,9
	RTT04006H	1"	25,4	46	25,4
	RTT04806H	1 1/8"	28,6	50	35,8
	RTT06006H	1 1/4"	31,8	58	49,2
*	RTT07606H	1 1/4"	31,8	59	59,7
*	RTT09106H	1 3/8"	34,9	64	63,1
*	RTT11506H	1 9/16"	39,7	77	93,5
*	RTT15006H	1 3/4"	44,5	82	122,2

* Note: available only on request

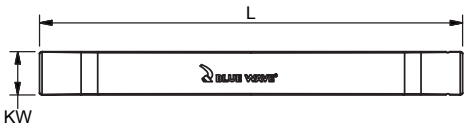


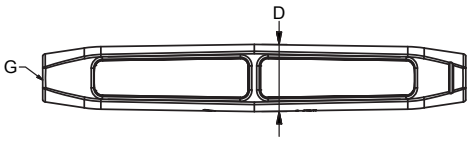
CHROMED BRONZE BODIES UNF

Chromed bronze

ART. NO.	G	L	D	KW	BL/KG
011306A	1/4”	100	14	9	1300
011308A	5/16”	120	17	11	2200
011310A	3/8”	135	20,5	13	3400
011311A	7/16”	150	24	15	4600
011312A	1/2”	170	27	17,4	6100
011316A	5/8”	210	32	20,7	9900
011320A	3/4”	250	38	25,4	14400
011322A	7/8”	305	46	30	19600
011325A	1”	366	55	35	21400
011327A	1 1/8”	376	56	40	27600
011330A	1 1/4”	418	62	42	34600
011336A	1 3/8”	460	68	48	42400
011342A	1 5/8”	570	78	56	63200







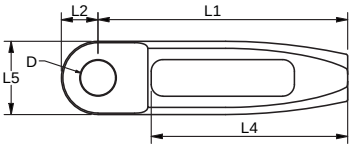
Chromed according to DS/EN ISO 1456 class 4 One layer of nickel thickness minimum 0,025 mm.
One layer of chrome thickness minimum 0,003 mm. Bright finish.

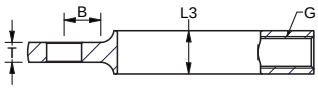
FULL THREAD OPEN EYE

Polished stainless steel - AISI 316

ART. NO.	G	D	B	L1	L2	L3	L4	L5	T	BL/KG	KG/100
F511906A	1/4"	6,5	7	56	7	9	44	14	4	1300	2,9
F511908A	5/16"	8,5	9	67	8,5	12	53	17	5	2200	5,3
F511910A	3/8"	10,5	11	75	11	13	59	22	6	3400	9,1
F511911A	7/16"	11,5	14	84	12	15	64	24	8	4600	13,1
F511912A	1/2"	13	16	95	13,5	18	72	27	10	6100	20,4
F511916A	5/8"	16,5	18	115	17	21	89	34	12	9900	35,7
F511920A	3/4"	19,5	23	137	19,5	26	107	39	16	14400	59,2
F511922A	7/8"	22,5	29	162	23	30	124	46	21	21400	110,3





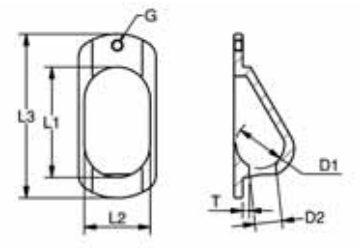




COQUILLE

Polished stainless steel - AISI 316

ART. NO.	WIRE		G	D1	D2	T	L1	L2	L3	KG/100	PACK
Q620506	4 - 5	32”	M5	21,4	14,5	3	47	29	72	9,7	BULK
Q620708	6 - 7	1/4”	M5	27	18	5	60	36	90	20,9	BULK
Q620010	8 - 10	3/8”	M5	29	22	6	88	50	146	48,2	BULK
Q620012	12	-	M8 (2x)	29	22	6	88	50	146	50	BULK



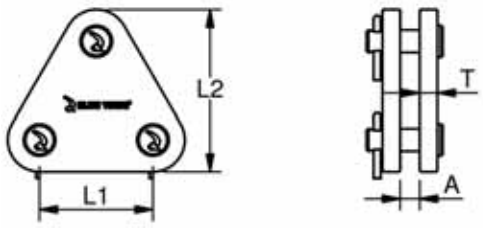
BACKSTAY TRIANGLE

Polished stainless steel - AISI 316L



Two part triangle with pins for split backstays

ART. NO.	Upper Pin	Lower Pin	A	L1	L2	T	BL/KG	KG/100	PACK
61TR6305M	6,35	5	6	18	30	3	1300	3,9	BULK
61TR6363M	6,35	6,35	6	18	30	3	1300	4,3	BULK
61TR0863M	8	6,35	8	23	37	4	2200	7,8	BULK
61TR0808M	8	8	8	23	37	4	2200	8,6	BULK
61TR9508M	9,5	8	11	28	44	4	3800	12,6	BULK
61TR9595M	9,5	9,5	11	28	44	4	3800	13,4	BULK
61TR1395M	12,7	9,5	13	36	57	5	6500	24,7	BULK
61TR1313M	12,7	12,7	13	36	57	5	6500	24,9	BULK
61TR1613M	16	12,7	17	44	72	6	11200	49,1	BULK
61TR1616M	16	16	17	44	72	6	11200	52,1	BULK
61TR1916M	19	16	17	44	72	6	11200	67,4	BULK
61TR2216M	22	16	17	44	76,5	8	11200	76,8	BULK



SCTKIT – SEALING KIT

Thread lubricant and seal for terminal assembly



ART. NO.	NET. WEIGHT	KG/100
SCTKIT	6g	6

BLUE WAVE®



BLUE WAVE®



SMART PINS

Polished stainless steel - AISI 316 – one wrap® velcro



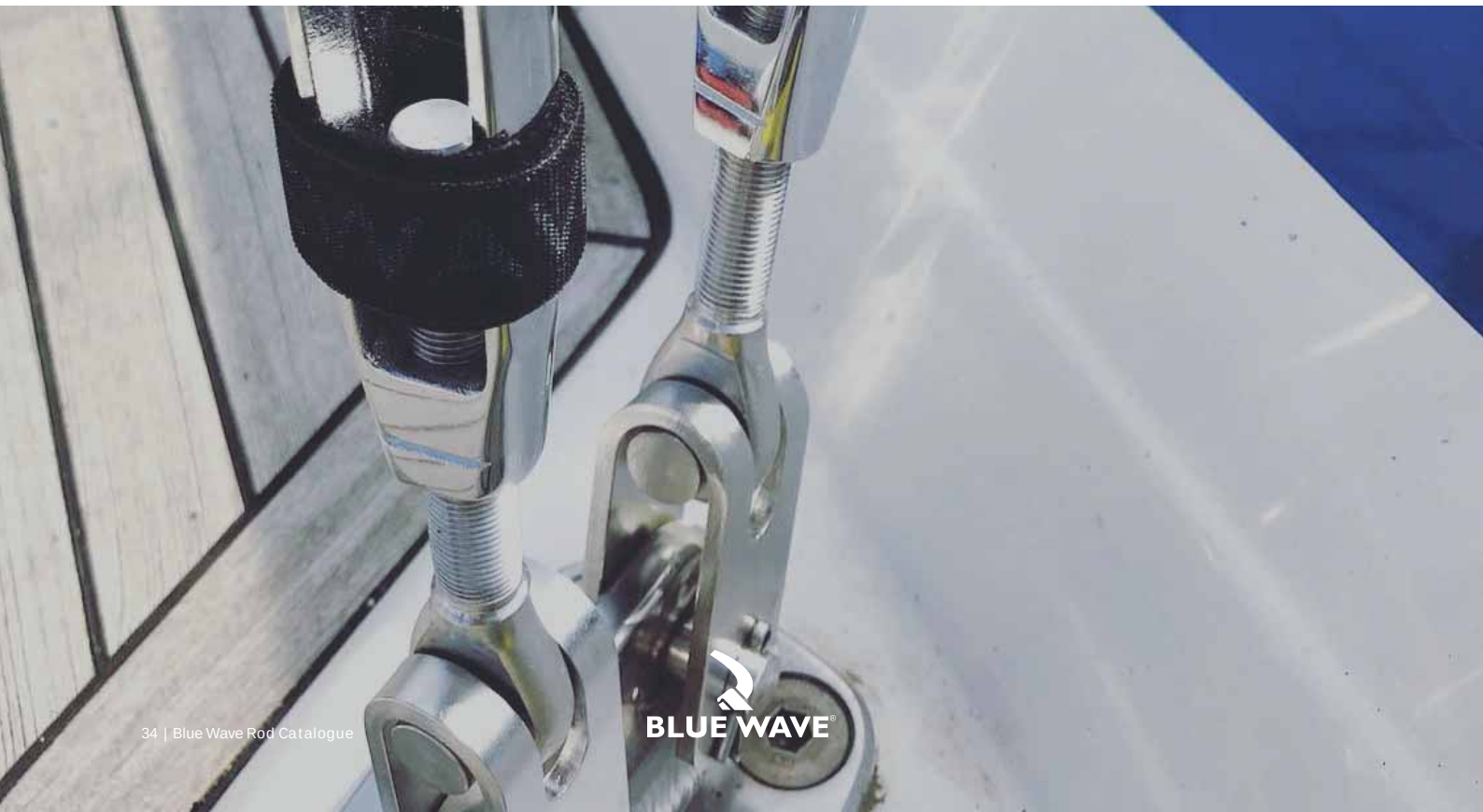
ART. NO. BULK	ART. NO. RETAIL PACK	SIZE	B	D	H	L	KG/100	PACK
VP1020	VP1020P4	1/4”	16	2	8	100	0,2	BULK
VP1225	VP1225P4	5/16” - 3/8”	16	2,5	10	130	0,3	BULK
VP1632	VP1632P4	7/16” - 1/2”	20	3,2	13	180	0,5	BULK
VP2340	VP2340P4	5/8” - 3/4”	20	4	20	220	1	BULK
VP3250	VP3250P4	7/8” - 1”	25	5	31	280	1,8	BULK

The user is responsible for correct assembly

Split pin on velcro one-wrap® strap. The smart pins are a fast and new way of securing open body rigging screws. Simply put the pin attached to the velcro strap into the split hole and secure the velcro strap around the rigging screw.



000449723
Community Design Registration 2006



BLUE WAVE®



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Blue Wave reserves the right to make changes to the rod rigging catalogue with no notification. Printing errors may occur. 2026 - 1. edition.