



# MARINE CATALOGUE 2020

[WWW.BLUEWAVE.DK](http://WWW.BLUEWAVE.DK)

  
**BLUE WAVE**<sup>®</sup>  
RIGGING HARDWARE

### **Information and contact**

You are kindly asked to contact your local Blue Wave dealer/distributor, or Blue Wave direct, should you have questions or need further documentation.

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#### **Blue Wave A/S**

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## **BLUE WAVE RIGGING HARDWARE**

We have been in business since 1932 with headquarter located in Haderslev, Denmark, Blue Wave A/S is currently in its third generation, as a family owned and lead Manufacturing Company. The Blue Wave crews consist of 30 dedicated and skilled employees, some of them has been with us for more than 40 years.

We are currently among the top three largest manufacturers of high quality stainless steel rigging hardware in the world. Our focus has for years been the Marine, Architectural and Industrial sectors.

In the fifties Blue Wave mainly produced shackles and thimbles, later on came the wire fittings and in the nineties the rod program was introduced. By constant development and investments in high tech production machinery, focus on customer needs and wishes, a well known brand name has been established.

Today Blue Wave's product range covers one of the most extensive ranges of stainless steel wire fittings, ranging from 2 mm to 36 mm.

Key factor for Blue Wave's future development and production, is a continued development driven by customer demand. Applying efficient production, good design, low weight and optimal strength to its products.

Blue Wave strives to become the number one chosen supplier of rigging hardware.

# BLUE WAVE PRODUCTS RANGES AND CATALOGUES

Our product range is divided into separate catalogues with each their focus.

For further products we ask you please to review our homepage [www.bluewave.dk](http://www.bluewave.dk)

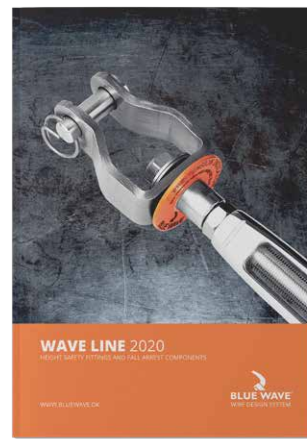
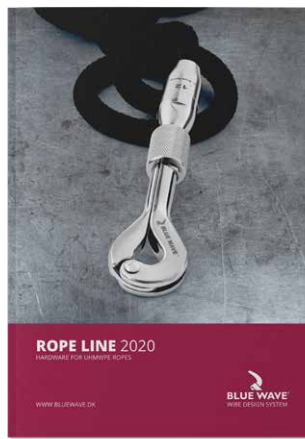
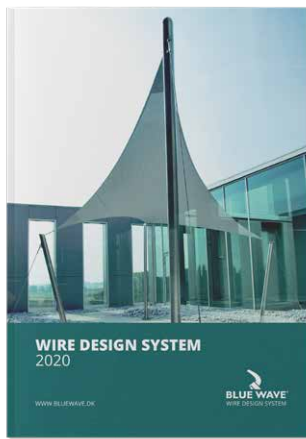
Or one of our catalogues:

The general **Marine** catalogue features UNF and Metric wire fittings ranging from Ø 2 mm - Ø 26 mm, a rod system up to DASH 60 and various rope and other marine related items.

Our **Wire Design** System mainly features Metric wire fittings from Ø 2,5 mm up to Ø 36 mm a Tie-bar system and a range of SMALL fittings with reduced diameters.

**WaveLine** contains ranges of 8 mm fittings for Fall Arrest System - standard swage, Hand-crimp and Lloyds Swageless.

The **RopeLine** catalogue contains a range of UHMWPE rope fittings up to 16 mm. Can be combined with other Blue Wave products, marine & industrial or an existing rig.



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**BLUE WAVE**



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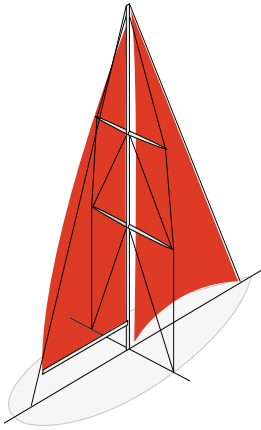
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# USEFUL INFORMATION



## STRETCH IN WIRE AND ROD

The reason that a rod rig generally has a shorter lifetime than a wire rig, is that the wire rig has a higher flexibility than the rod rig. The exception is Dyform or compacted wire, with the ability of rod but the flexibility of wire.

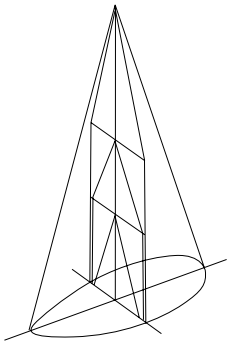
Stretch is the amount by which a material can be increased in size (lengthened or widened) by pulling.

Stretch is always one of the critical factors considered when designing a rig.

Low stretch under high loads is important for the final performance of a rigging configuration.

## 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 treads 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, however 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.

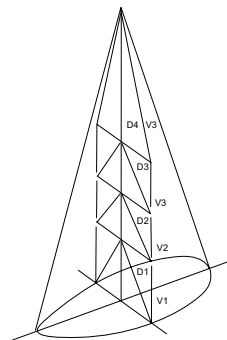


## WIRE OR ROD RIGGING - BLUE WAVE HAS THE FITTINGS?!

Blue Wave offers a wide range of high quality stainless steel marine fittings. The Blue Wave range complies with AISI 316 standards and is also available in combination with chrome bronze. There are several interchangeable combinations of components, which can be used to complete the optimal wire or rod rig for almost every boat. We trust you enjoy using our catalogue and are sure you will find something to meet your requirements.

## 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.

# WIRE RIGGING FACTS AND INFORMATION

## FACTS AND INFORMATION - WORKING WITH WIRE FITTINGS..

When planning a wire construction the ultimate break load, as well as the work load, must be calculated, as it will determine the minimum wire size and maybe the wire construction needed.

Blue Wave's fitting's, unless otherwise stated, are constructed after termination to meet 90% of the break load on the wire ropes that are standard in the market. PLEASE NOTE : in order to guarantee safety in a wire construction you should calculate a safety factor of 2-3 on static constructions and a minimum of 5 on dynamic constructions. As a general rule working loads should never exceed 20% of the break loads stated in this catalogue.

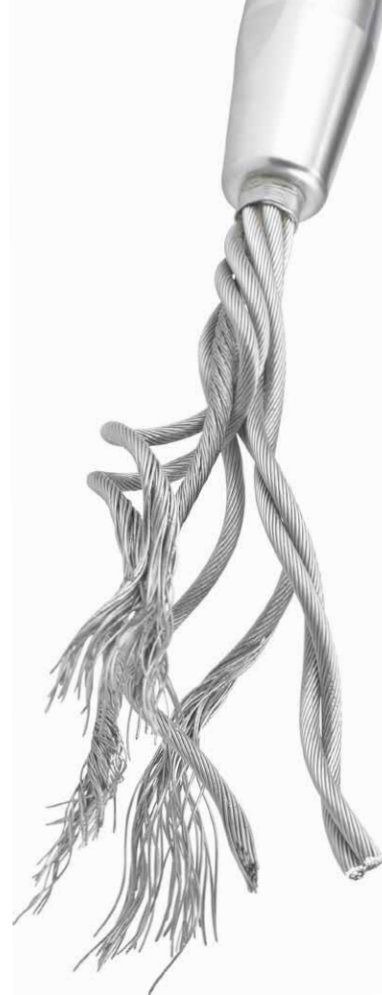
For further details ask your Blue Wave/Marine distributor or contact Blue Wave A/S.

### BREAK LOADS

UNF THREAD SIZE	WIRE Ø METR.	WIRE Ø INCH	BREAK LOAD
1/4"	3	1/8"	1300 KG
1/4"	4	5/32"	1300 KG
5/16"	4	5/32"	1700 KG
5/16"	5	3/16"	2200 KG
3/8"	5	3/16"	2400 KG
3/8"	6	-	3400 KG
3/8"	-	1/4"	3400 KG
7/16"	6	-	4600 KG
7/16"	7	9/32"	4600 KG
1/2"	6	-	5400 KG
1/2"	-	1/4"	5200 KG
1/2"	7	9/32"	6100 KG
1/2"	8	5/16"	6100 KG
5/8"	8	5/16"	8700 KG
5/8"	-	3/8"	9900 KG
5/8"	10	-	9900 KG
3/4"	-	3/8"	10200 KG
3/4"	10	-	9700 KG
3/4"	12	-	11400 KG
3/4"	-	1/2"	12900 KG
7/8"	14	-	15900 KG
1"	16	5/8"	19400 KG
1-1/8"	19	3/4"	27600 KG
1-1/4"	22	7/8"	34600 KG
1-3/8"	26	1"	43000 KG
15/8"	28	1 1/8"	59700 KG

### SWAGE DIMENSIONS

Wire Ø mm	Wire Ø Inch	Inside diameter in mm (+/-0,2)	Outside diameter in mm (+/-0,10)	Depth in mm (+/-1,5)	After Swaging mm
2,0	1/16"	2,2	5,50	32	4,7-4,82
2,5	3/32"	2,8	5,50	32	4,7-4,82
3,0	-	3,5	6,35	38	5,44-5,56
3,2	1/8"	3,5	6,35	38	5,44-5,56
4,0	5/32"	4,4	7,50	45	6,23-6,35
5,0	3/16"	5,3	9,00	51	7,83-7,95
5,5	7/32"	5,8	10,80	59	9,35-9,50
6,0	-	6,5	12,58	64	10,95-11,12
6,3	1/4"	6,8	12,58	64	10,95-11,12
7,0	9/32"	7,5	14,20	70	12,5-12,7
8,0	5/16"	8,4	16,00	83	14,07-14,3
9,5	3/8"	10,0	17,80	89	15,7-15,9
10,0	-	10,5	17,80	89	15,7-15,9
12,0	-	12,5	20,00	105	17,6-17,8
13,0	1/2"	13,5	21,40	120	18,82-19,05
14,0	-	14,8	25,00	140	22,0-22,23
16,0	5/8"	17,0	28,00	160	25,15-25,40
19,0	3/4"	20,0	34,50	200	31,44-31,75
22,0	7/8"	23,5	40,50	230	36,2-36,50
26,0	1"	27,5	46,00	280	40,97-41-28
28,0	1 1/8"	29,5	50,00	300	44,0-44,50



## CORRECT ATTACHMENT

Always ensure the wire is clean and with an even end cut.

Always use the correct size standard dies recommended by the supplier. As correct wire attachment/termination can only be achieved by firmly squeezing the material of the terminal into the strands of the wire.



Most Blue Wave terminals are marked with wire size and a mark indicating the hole depth and where to start for correct swaging.

Blue Wave wire terminals correspond to the standard sizes and stainless materials used in the market. The terminals are produced so that a swage machine (e.g. from Wiretechnik) will produce a swage within given tolerances in 1 (one) pass in the machine. When extremely compact strand ropes are used, 2 (two) passes in the same track could be needed to reach tolerances.

### Additional passes should NOT be made.

Where markings are not possible e.g. on the small terminals, the wire hole depth must be measured before swaging, not only to find the point to start the swaging, but also to get the right length of the final wire including the fittings. CAUTION, by swaging the terminals onto the wire, the shaft will get a little longer. As a rule of thumb the length will be prolonged by approximately the same amount of mm as the diameter of the wire in mm!





# 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.

It is high effective lubricant, with long life properties, for use in metal to metal applications. Water repellent, do not soil, resists temperatures between - 50°C and +200°C

Non ageing and has extremely low friction.

Supplied in tube with 50, 30 and 5 ml.

The Blue Wave Lubricant is used on the threads improving 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 temperature range from -40°C to +100°C and briefly up to 200°C

# STAINLESS STEEL GRADES AND CERTIFICATES

## PREN Pitting Resistance Equivalent

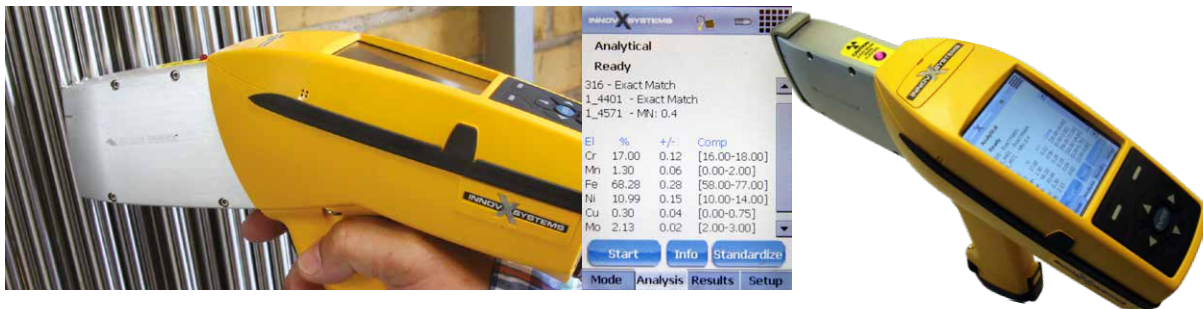
$$\text{PREN} = \% \text{ Cr} + (\% \text{ Mo} \times 3,3) + (\% \text{ N} \times 16)$$

PREN is a guideline formula for calculating the properties of stainless steel and their resist against pitting. You could say that the content of Molybdenum, has 3.3 times as great effect against corrosion, as the content of chrome, and Nitrogens has 16 times. To ensure the right quality of stainless steel, Blue Wave has invested in an X-ray gun for the control of raw materials, to ensure that customers always get the desired quality. Below is a table of the most frequently used types of stainless steel at Blue Wave.

Below is a table of the most frequently used types of stainless steel grades 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 a X-ray device for the control of raw materials.



## ISO CERTIFIED PRODUCTION

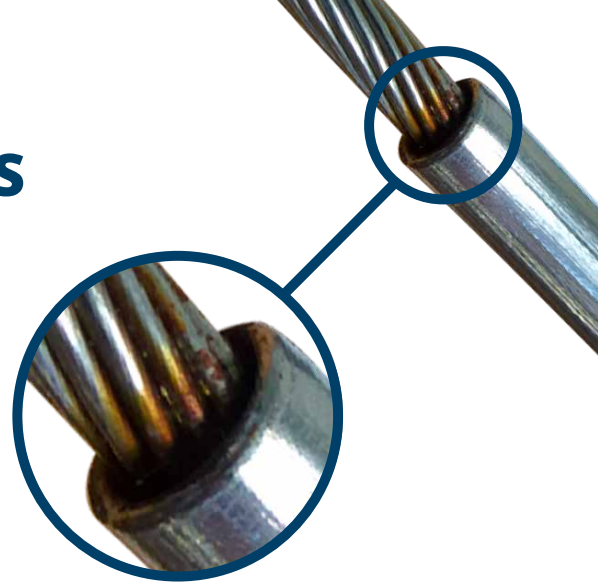
We are ISO 9001:2015 certified.



# HOW TO KEEP THE STAINLESS STEEL STAINLESS



**Claus Qvist Jessen**  
MSc, chem. Eng. PhD  
Damstahl a/s



Stainless steel is a wonderful material, and treated properly, it will stay bright and stainless forever. Sadly, natural saltwater is one of the most aggressive and corrosive media towards stainless steel, and even the "acid resistant" 316L class requires a bit of maintenance in order to stay stainless.

In case of 316L above water, the main issue is time. Saltwater is very aggressive towards virtually any alloy, and the key issue is to keep the contact time as short as possible. In wet, temperate conditions, such as Scandinavia, the Canadian West Coast or the South Island of New Zealand, the all-too-common rain takes care of this, however, in warmer and drier conditions, such as Southern Europe and The Middle East, things are much different. Here, all saltwater sprayed onto the steel from below will tend to stick to the steel forever, with little chance of rain from above. Similar conditions are observed in dry season in the Caribbean, the tropical Pacific, or in South-East Asia. In the wet season, these places receive large amounts of rain, rendering any freshwater cleaning superfluous.

Very likely, the saltwater will cause superficial pitting corrosion, and although such attacks may not cause operational failure, it certainly looks unattractive and should be avoided. The best and cheapest way to avoid pitting corrosion is to keep the contact time low. Cleaning off the saltwater as quickly as possible keeps the contact time short, and the risk of corrosion correspondingly low. The more frequent the freshwater rinse, the better, and, presumably, a thorough rinse every fortnight should do the trick.

Be particularly aware that **fittings below a braided steel cable are particularly prone to collecting saltwater**, and so is the braided cable itself. Due to gravity, the upper fittings (pointing downwards) are less exposed to saltwater and may be rinsed less frequently.

If freshwater is not available, the second-best solution is to rinse with saltwater and dry the steel immediately afterwards. It is, still, preferable to use low-chloride water (i.e. freshwater) as often as possible.



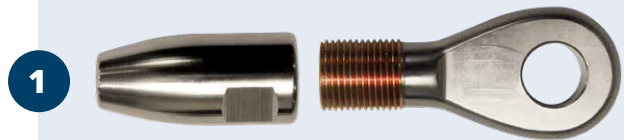
# BLUE WAVE®

## SWAGELESS CONE TERMINAL

The Swageless Cone Terminal is designed for use on 1x19 wire construction as well as compacted and Dyform wires. The user is responsible for proper use and installation of the components. Blue Wave does not take responsibility for damaged threads, due to overtightening or lack of Loctite. Blue Wave does not recommend to seal the terminal, but advise to rinse the terminal regularly with fresh water and treat with WD40.



**For loctite and lubricant, please order SCTKIT**



1

Apply Loctite 262 on threads and lightly screw the two parts together. Unscrew and check both threads are filled with Loctite.



2

Slide the Cone housing over the wire.



3

Open the outer strands one by one. A screwdriver is helpful for this job.



4

Place the Cone over the center core of the wire, rotating the cone while pushing.



5

Twist the outer strands back over the cone. Make sure that all strands are evenly distributed over the cone. The end of the wire must be  $1\frac{1}{2}$  x the wire diameter over the top of the cone. Check this distance with callipers.



6

Fill the wire former hole with BlueWave lubricant. The terminal is now ready to be assembled.

Using appropriate tools, screw the two parts together tightly. To ensure total security apply one last half turn. However, do not overtighten threads with excessive force.

NOTE: the former (top part) must be screwed all the way into the housing - max. 2 - 3 threads visible!



7

As a precaution take the terminal apart and visually check that the strands lay evenly around the cone and fit into the wire former (top part). Finally re-assemble as above and allow the Loctite to dry.



# BLUE WAVE®

## ROPE END FITTING

- New innovative product
- More opportunities to benefit from UHMWPE and UHMW ropes
- Unique and slim design
- Easy and viable to use and assemble
- AISI316L stainless steel, and hard anodized aluminium materials
- Easy to fit to existing rigging screws and deck fittings
- Backed by a full range of high quality rigging hardware



Community Design Registration 14/6 2017  
design reg. -004048098-0001



Ends available - find specification on page 45-47

### "KEEP IT SIMPLE"



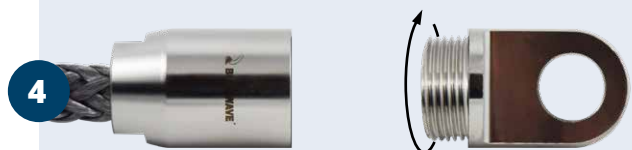
Slide the housing over the rope



Splice around the bone - following your rope suppliers general splice guidelines



Pull spliced bone back in housing



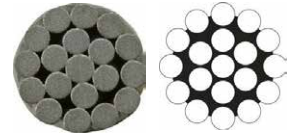
Screw the parts together - threads can be locked with Loctite

## S.S. WIRE ROPE

Stainless Steel - AISI 316

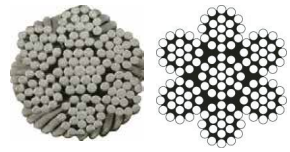
### 1 x 19 AISI 316 - DIN 33053

ART. NO.	DIM. MM	TENSILE STRENGTH KG	CA. KG/100
WR11902	2	336	1,99
WR11925	2,5	525	3,1
WR11903	3	756	4,47
WR11904	4	1346	7,95
WR11905	5	2100	12,4
WR11906	6	3027	17,9
WR11907	7	4119	24,3
WR11908	8	5302	31,8
WR11910	10	8035	49,7
WR11912	12	11186	71,3



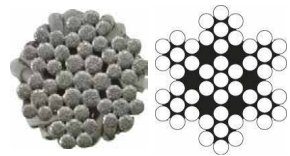
### 7 x 19 AISI 316 - DIN 3060

ART. NO.	DIM. MM	TENSILE STRENGTH KG	CA. KG/100
WR71902	2	212	1,58
WR71925	2,5	332	2,4
WR71903	3	478	3,84
WR71904	4	850	6,49
WR71905	5	1325	9,14
WR71906	6	1913	13,8
WR71908	8	3395	23,87
WR71910	10	5312	40,3
WR71912	12	8345	55



### 7 x 7 AISI 316 - DIC 3055

ART. NO.	DIM. MM	TENSILE STRENGTH KG	CA. KG/100
WR70702	2	229	1,71
WR70725	2,5	369	2,6
WR70703	3	517	3,85
WR70704	4	918	7
WR70705	5	1435	10,5
WR70706	6	2068	14,8
WR70708	8	3676	25,5
WR70710	10	5741	38,8



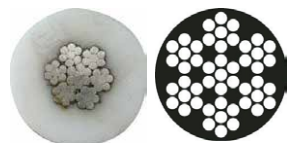
### 1 x 19 AISI 316 COATED WHITE

ART. NO.	DIM. MM	TENSILE STRENGTH KG	CA. KG/100
CW119460	4 - 6	1346	9,5
CW119480	4 - 8	1346	13,5



### 7 x 7 AISI 316 COATED WHITE

ART. NO.	DIM. MM	TENSILE STRENGTH KG	CA. KG/100
CW707460	4 - 6	918	8,75
CW707480	4 - 8	918	9,5



#### BLUE WAVE deliver wire rope in following standard reel sizes:

For 125 Meter Reels Please add **1** Eg. WR119021 = 1x19, Dia. 2mm x 125 M.

For 250 Meter Reels Please add **2** WR119022 = 1x19, Dia. 2mm x 250 M.

For 500 Meter Reels Please add **3** WR119023 = 1x19, Dia. 2mm x 500 M.






To complement our range of products, we offer wire rope in metric sizes, made in AISI 316 stainless steel.

Our wire ropes are manufactured with high tensile strands. The strands are made by twisting single wires together helically.

Depending on application or use, wire ropes are twisted together; the more wires used, the more flexible the wire rope.

Wire construction = Number of strands x Number of wires per strand.

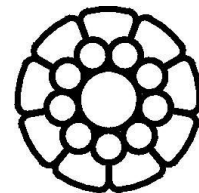
For example 1 x19 or 7 x7.

CONSTRUCTION	DIMENSIONS	CHARACTERISTICS	APPLICATIONS	
1 x 19	ø2 - 10 mm ø12mm and up on request	Stiff	- Suspension & Control cables - Standing rigging	
7 x 19	ø2 - 10 mm ø 12 mm and up on request	Very flexible	- Blind systems - Standing rigging - Steering cables	
7 x 7	ø2 - 10 mm ø10 mm and up on request	Flexible	- Suspension & positioning - Systems Control cables - Average duty movements	
1 x 19	Coated wire rope ø4 / 6 mm ø4 / 8 mm	Stiff	- Guardrails	
7 x 7	Coated wire rope ø4 / 6 mm ø4 / 8 mm	Flexible	- Guardrails - Suspension & tensioning	

## S.S. COMPACTED STRAND WIRE 1X19

Stainless Steel - AISI 316

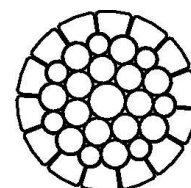
ART. NO.	DIM MM	TENSILE STRENGTH KN	CA. KG/100 M
WD11904	4	17,46	9,1
WD11905	5	25,49	14,2
WD11906	6	35,29	20,5
WD11907	7	49,02	27,9
WD11908	8	61,76	36,5
WD11910	10	98,04	57
WD11912	10	142,15	82,1



## S.S. COMPACTED STRAND WIRE 1X36

Stainless Steel - AISI 316

ART. NO.	DIM MM	TENSILE STRENGTH KN	CA. KG/100 M
WD13614	14	194,11	115,9
WD13616	16	253,92	149,9

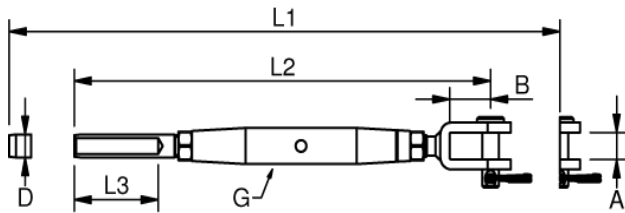


## COMPACTED STRAND ON REQUEST

## RIGGING SCREW FORK/FORK METRIC

High Polished Stainless Steel - AISI 316

ART. NO.	G	PIN	A	B	L1	L2	B.L. /KG	KG/100	PACK
120005	M5	5	7,5	12	180	126	800	5,1	10
120006	M6	5	7,5	12	200	138	1000	9	10
120006X	M6	6	9,5	13	202	140	1200	14	10
120008	M8	6	9,5	13	234	158	1600	14	10
120008X	M8	8	11	15	240	166	2200	15	10
120010	M10	8	11	15	272	188	3200	24	10
120010X	M10	9,5	12	19	280	196	3500	26	10
120012	M12	12	14	25	350	244	5100	52,5	5
120014X	M14	14	18	32	405	295	6900	84,5	5
120016X	M16	16	18	33	446	313	9400	100	5
120020	M20	19	24	48	550	390	14000	197	BULK
120022	M22	22	30	57	653	472	18200	448	BULK
120024	M24	25,4	30	62	769	536	21000	638	BULK
120027	M27	28	32	68	825	590	23000	881	BULK
120030	M30	32	35	76	907	647	28000	1060	BULK
120036	M36	35	40	86	990	715	41000	1657	BULK



The price favourable and durable Stainless Steel Rigging Screw line from Blue Wave has been a favourite among Riggers and yachtsmen for the last 50 years. It offers a variety of features. Laser engraved thread size, Blue Wave logo, and side marking of the left thread.

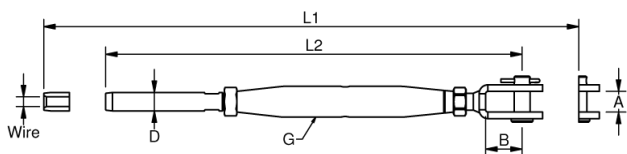
## RIGGING SCREW FORK/TERMINAL METRIC

High Polished Stainless Steel - AISI 316

ART. NO.	G	WIRE	PIN	A	B	D	L1	L2	B.L. KG.	KG/100	PACK
120205	M5	2	5	7,5	9,4	5,5	198	144	800	4,5	10
122505	M5	2,5	5	7,5	9,4	5,5	201	147	800	4,6	10
120306	M6	3	5	7,5	9,4	6,35	232	170	1200	8,5	10
120306X	M6	3	6	9,5	10,4	6,35	233	171	1200	8,5	10
120406	M6	4	5	7,5	10,4	7,5	242	180	1200	8,7	10
120406X	M6	4	6	9,5	10,4	7,5	242	180	1200	9,1	10
120408	M8	4	6	9,5	10,4	7,5	275	199	1600	13	10
120408X	M8	4	8	11	12,2	7,5	277	201	1700	13	10
120508	M8	5	6	9,5	13	9	281	205	1600	13,2	10
120510	M10	5	8	11	14	9	312	228	2500	22,5	10
120510X	M10	5	9,5	12	14	9	316	232	2500	22,5	10
120610	M10	6	8	11	15	12,58	327	243	3200	25,6	10
120612	M12	6	12	14	25	12,58	393	287	5100	47,5	5
* 120714X	M14	7	14	18	33	14,2	453	335	6800	68,8	5
120816X	M16	8	16	18	33,3	16	499	366	8700	89,5	5
121020	M20	10	19	24	38,3	17,8	587	427	9700	170,1	Bulk
121220	M20	12	19	24	38,3	20	606	446	11500	170,1	Bulk
* 121220X	M20	12	19	24	38,3	21,4	622	462	14200	170,1	Bulk
121422	M22	14	22	30	47,8	25	736	555	15900	452	Bulk
121624	M24	16	25,4	30	47,8	28	874	641	19400	662	Bulk

\* Note: Terminal OD. = 21,4 mm

! M20> M24 Available with threaded Bronze inserts in a S/S Body



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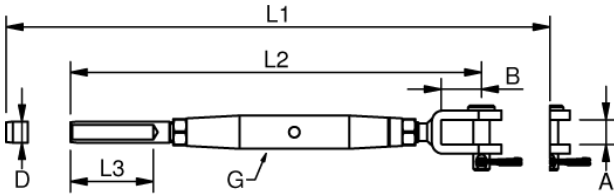
## RIGGING SCREW FORK/FORK UNF

High Polished Stainless Steel - AISI 316

ART.NO.	THREAD G	PIN	A	B	L1	L2	KW	BL/KG	KG/100	PACK
120006A	1/4"	6,35	9,5	13	232	140	-	1300	10	10
120008A	5/16"	8	11	15	242	168	-	2200	15	10
120010A	3/8"	9,5	12	19	274	190	-	3400	25,1	5
120011A	7/16"	11	12	22	310	219	-	4600	35,2	5
120012A	1/2"	12,7	14	25	350	244	-	6100	54,5	5
120016AX	5/8"	16	18	33	447	314	-	9900	100	5
120020A	3/4"	19	24	48	548	388	-	14400	197	BULK
120022A	7/8"	22	30	57	652	471	41	19600	430	BULK
120025A	1"	25,4	30	62	766	536	46	21400	643	BULK

Note: All break loads are determined by clevis pin and thread.

7/8" - 1" S/S Body with Bronze inserts & Key Width



The price favourable and durable Stainless Steel Rigging Screw line from Blue Wave has been a favourite among Riggers and yachtsmen for the last 50 years. It offers a variety of features. Laser engraved thread size, Blue Wave logo, and side marking of the left thread.

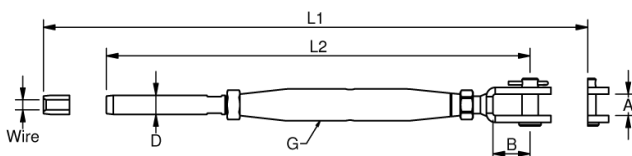
## RIGGING SCREW FORK/TERMINAL UNF

High Polished Stainless Steel - AISI 316

ART.NO.	THREAD G	WIRE	PIN	A	B	L1	L2	KW	BL/KG	KG/100	PACK	
120306A	1/4"	3	-	6,35	9,5	13	233	170	-	1300	8,7	10
123206A	1/4"	-	1/8"	6,35	9,5	13	233	170	-	1300	8,7	10
120406A	1/4"	4	5/32"	6,35	9,5	13	242	180	-	1300	9	10
120408A	5/16"	4	5/32"	8	11	15	275	199	-	1700	13,3	10
120508A	5/16"	5	3/16"	6,35	9,5	13	281	205	-	2200	13,5	10
120510A	3/8"	5	3/16"	9,5	12	19	306	222	-	2400	23,2	10
125510A	3/8"	-	7/32"	9,5	12	19	314	230	-	3400	24,5	10
120611A	7/16"	6	-	11	12	22	362	272	-	4600	36,2	5
120711A	7/16"	7	9/32"	11	12	22	367	277	-	4600	34,3	5
120612A	1/2"	6	-	12,7	14	25	393	287	-	5400	46	5
126312A	1/2"	-	1/4"	12,7	14	25	393	287	-	5200	46	5
120816AX	5/8"	8	5/16"	16	18	33	499	366	-	8700	88,5	5
129520A	3/4"	-	3/8"	19	24	48	587	427	-	10200	170	BULK
121020A	3/4"	10	-	19	24	48	587	427	-	9700	170	BULK
121220A	3/4"	12	-	19	24	48	602	442	-	11200	172	BULK
* 121220AX	3/4"	12	-	19	24	48	622	462	-	14000	173	BULK
* 121320A	3/4"	-	1/2"	19	24	48	623	463	41	12900	175	BULK
121422A	7/8"	14	-	22	30	57	736	555	46	15900	386	BULK
121425A	1"	14	-	25,4	30	62	843	613	46	15900	580	BULK
121625A	1"	16	5/8"	25,4	30	62	871	641	46	19400	597	BULK

\* Note: Terminal OD.=21.4mm

7/8" - 1" S/S Body with Bronze inserts & Key Width



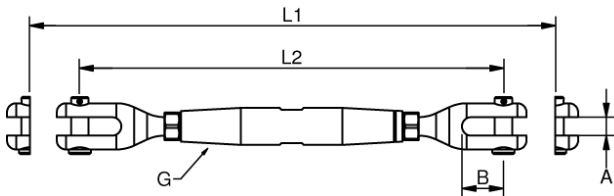
The price favourable and durable Stainless Steel Rigging Screw line from Blue Wave has been a favourite among Riggers and yachtsmen for the last 50 years. It offers a variety of features. Laser engraved thread size, Blue Wave logo, and side marking of the left thread.

## RIGGING SCREW MACHINED FORK-FORK

High Polished Stainless Steel - AISI 316 with Bronze inserts

ART. NO.	G	PIN	A	B	L1	L2	B.L. /KG	KG/100	PACK
740020	M20	19	20	45	600	460	12000	330	BULK
740022	M22	22	22	49	637	456	15000	892	BULK
740024	M24	25	25	52	763	530	18000	1193	BULK
740027	M27	28	30	55	813	578	23000	1803	BULK
740030	M30	32	35	67	918	656	28000	2614	BULK
740036	M36	35	35	67	970	696	41000	3390	BULK

Note: All breakloads are determined by clevis pin and thread

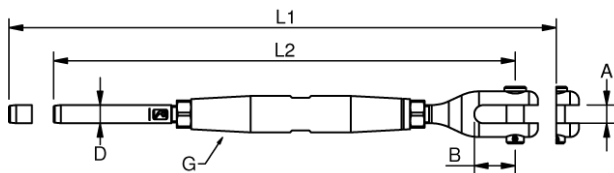


## RIGGING SCREW MACHINED FORK-TERMINAL

High Polished Stainless Steel - AISI 316 with Bronze inserts

ART. NO.	G	WIRE	PIN	A	B	D	L1	L2	B.L./KG	KG/100	PACK
741220	M20	12	19	20	45	20	646	492	11400	240	BULK
741422	M22	14	22	22	49	25	720	540	15000	649	BULK
741622	M22	16	22	22	49	28	745	565	15000	670	BULK
741624	M24	16	25	25	52	28	863	630	18000	876	BULK
741927	M27	19	28	30	55	34,5	963	728	23000	1332	BULK
742230	M30	22	32	35	67	40,5	1082	820	28000	1888	BULK
742636	M36	26	35	35	67	46	1186	912	41000	2484	BULK

Note: All breakloads are determined by clevis pin and thread

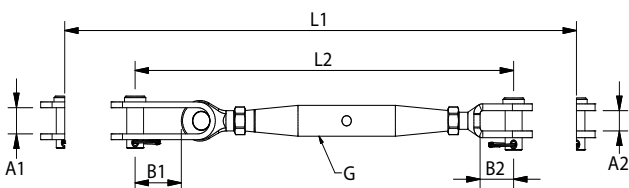


## RIGGING SCREW TOGGLE/FORK UNF

High Polished Stainless Steel - AISI 316

ART. NO.	THREHD G	PIN SIZE	A1	A2	B1	B2	L1	L2	KW	BL/KG	KG/100	PACK
320006A	1/4"	6,35	8	9,5	17	13	222	157	-	1300	10,8	10
320008A	5/16"	8	10	11	20	15	268	192	-	2200	19,5	10
320010A	3/8"	9,5	12	12	26	19	306	222	-	3400	32,5	5
320011AX	7/16"	11	15	12	28	22	347	257	-	4600	45	5
320012AX	1/2"	12,7	18	14	35	25	378	272	-	6100	71	5
320016AX	5/8"	16	20	18	41	33	493	361	-	9900	116	BULK
320020AX	3/4"	19	24	24	45	48	582	422	-	14400	207	BULK
320022AX	7/8"	22	26	30	49	57	695	515	41	19600	520	BULK
320025AX	1"	25,4	29	30	59	62	818	589	46	21400	767,7	BULK

7/8" - 1" S/S Body with Bronze inserts & Key Width



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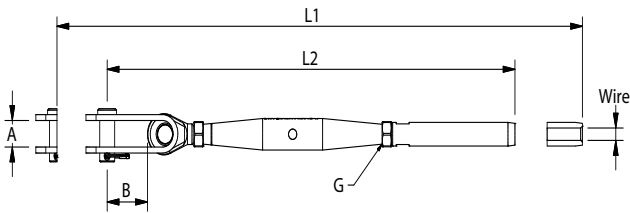
## RIGGING SCREW TOGGLE/TERMINAL UNF

High Polished Stainless Steel - AISI 316

ART.NO.	THREAD G	WIRE	PIN	A	B	L1	L2	KW	BL/KG	KG/100	PACK	
320306A	1/4"	3	-	6,35	8	17	253	195	-	1300	10,7	10
320406A	1/4"	4	5/32"	6,35	8	17	263	201	-	1300	11	10
320408A	5/16"	4	5/32"	8	10	20	304	228	-	1700	16,4	10
320508A	5/16"	5	3/16"	8	10	20	310	234	-	2200	16,6	10
320510A	3/8"	5	3/16"	9,5	12	26	342	258	-	2400	28,2	5
325510A	3/8"	-	7/32"	9,5	12	26	350	266	-	3400	30	5
320610A	3/8"	6	-	9,5	12	26	357	273	-	3400	31,3	5
320611AX	7/16"	6	-	11	15	28	400	310	-	4600	41,4	5
320711AX	7/16"	7	9/32"	11	15	28	405	315	-	4600	41,4	5
320612AX	1/2"	6	-	12,7	18	35	421	315	-	5400	64,8	5
326312AX	1/2"	-	1/4"	12,7	18	35	421	315	-	5200	65	5
320712AX	1/2"	7	9/32"	12,7	18	35	429	323	-	6100	68	5
320812AX	1/2"	8	5/16"	12,7	18	35	444	338	-	6100	73,2	5
320816AX	5/8"	8	5/16"	16	20	41	545	413	-	8700	105,2	BULK
329520AX	3/4"	-	3/8"	19	24	45	621	461	-	10200	169	BULK
321020AX	3/4"	10	-	19	24	45	621	461	-	9700	169	BULK
321220AX	3/4"	12	-	19	24	45	636	466	-	11400	179	BULK
* 321220AXX	3/4"	12	-	19	24	45	656	496	-	14000	179	BULK
* 321320AX	3/4"	-	1/2"	19	24	45	657	497	-	12900	181	BULK
321422AX	7/8"	14	-	22	26	49	779	598	41	15900	500	BULK
321625AX	1"	16	5/8"	25,4	29	59	923	694	46	19400	742	BULK
321927AX	1-1/8"	19	3/4"	28	34	60	1038	778	50	27600	990	BULK
322230AX	1-1/4"	22	7/8"	32	40	69	1172	882	55	34600	1385	BULK
322636AX	1-3/8"	26	1"	36	44	77	1303	993	60	42400	1717	BULK

7/8" - 1-3/8" S/S Body with Bronze inserts & Key Width

\* Note: Terminal OD. =21,4

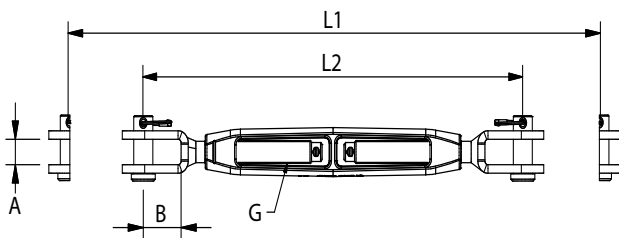


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## RIGGING SCREW FORK/FORK UNF

High Polished Stainless Steel - AISI 316 - Cromed Bronze Body

ART.NO.	THREAD G	PIN	A	B	L1	L2	BL/KG	KG/100	PACK
130006A	1/4"	6,35	9,5	13	205	143	1300	12	10
130008A	5/16"	8	11	15	244	168	2200	16	10
130010A	3/8"	9,5	12	19	299	197	3400	25	5
130011A	7/16"	11	12	23	312	222	4600	35	5
130012A	1/2"	12,7	14	25	358	248	6100	63,5	5
130016AX	5/8"	16	18	33	450	312	9900	121	BULK
130020A	3/4"	19	24	48	562	392	14400	218	BULK
130022A	7/8"	22	26	57	753	559	19600	316	BULK
130025A	1"	25,4	29	62	888	648	21400	490	BULK



The Blue Wave Chromed Bronze Body features a number of details that makes it the best choice for exclusive and durable rigging. The sleek, open Bronze body prevents the threads from seizing up, they are delivered with laser engraved thread size, Blue Wave logo, and side marking of the left thread.

## RIGGING SCREW BALL/TERMINAL UNF

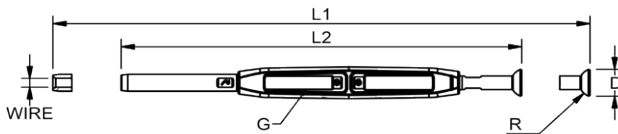
High Polished Stainless Steel - AISI 316 - Chromed Bronze Body

ART.NO.	THREAD G	WIRE	D	R	L1	L2	KG/100	BL/KG	PACK	
630306A	1/4"	3	-	13	6	244	182	10,3	1300	BULK
630408A	5/16"	4	5/32"	19	7	305	215	14,6	1700	BULK
630510A	3/8"	5	3/16"	19	7	324	240	21,5	2400	BULK
630610A	3/8"	6	-	19	7	339	255	24,6	3400	BULK
630611A	7/16"	6	-	20	7	370	280	33,6	4600	BULK
630711A	7/16"	7	9/32"	20	7	375	285	36,3	4600	BULK
630712A	1/2"	7	9/32"	20	7	415	309	49,6	6100	BULK
630812A	1/2"	8	5/16"	20	7	430	324	54,8	6100	BULK
630816A	5/8"	8	5/16"	25	10	499	367	88,7	8700	BULK
631016A	5/8"	10	-	25	10	508	376	92,9	9700	BULK
631220A	3/4"	12	-	28	14	597	437	138,8	11400	BULK
* 631220AX	3/4"	12	-	28	14	613	453	138,8	14000	BULK

\* Note: Terminal OD. = 24,4 mm

Note: All break loads are determined by clevis pin and thread.

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



The Blue Wave Chromed Bronze Body features a number of details that makes it the best choice for exclusive and durable rigging. The sleek, open Bronze body prevents the threads from siezing up, they are delivered with laser engraved thread size, Blue Wave logo, and side marking of the left thread.

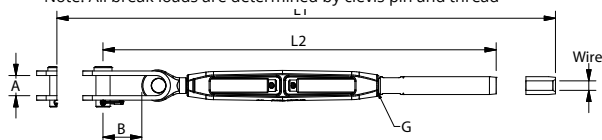
## RIGGING SCREW TOGGLE/TERMINAL UNF

High Polished Stainless Steel - AISI 316 - Chromed Bronze Body

ART. NO.	THREAD G	WIRE	PIN	A	B	L1	L2	BL/KG	KG/100	PACK	
330306A5G	1/4"	3	-	5	7	11,5	250	188	1000	10,2	10
333206A5G	1/4"	-	1/8"	5	7	11,5	250	188	1000	10,2	10
330406A5G	1/4"	4	5/32"	5	7	11,5	260	198	1000	10,8	10
330406A6G	1/4"	4	5/32"	6,35	10	14	269	207	1300	12,2	10
330506A6G	1/4"	5	3/16"	6,35	10	14	273	211	1300	13	10
330606A6G	1/4"	6	-	6,35	10	14	265	203	1300	12,4	10
330306A	1/4"	3	-	6,35	8	17	255	193	1300	12,7	10
333206A	1/4"	-	1/8"	6,35	8	17	255	193	1300	12,7	10
330406A	1/4"	4	5/32"	6,35	8	17	265	203	1300	13	10
330408A	5/16"	4	5/32"	8	10	20	304	228	1700	17,4	10
330508A	5/16"	5	3/16"	8	10	20	310	234	2200	18,5	10
330510A	3/8"	5	3/16"	9,5	12	26	349	265	2400	28,2	5
335510A	3/8"	-	7/32"	9,5	12	26	357	273	3400	29	5
330610A	3/8"	6	-	9,5	12	26	364	280	3400	32,5	5
330611AX	7/16"	6	-	11	15	28	397	307	4600	47,5	5
330711AX	7/16"	7	9/32"	11	15	28	408	318	4600	47,5	5
330612AX	1/2"	6	-	12,7	18	35	425	319	5400	74	5
336312AX	1/2"	-	1/4"	12,7	18	35	425	319	5200	75	5
330712AX	1/2"	7	9/32"	12,7	18	35	433	327	6100	77	5
330812AX	1/2"	8	5/16"	12,7	18	35	448	342	6100	82	5
330816AX	5/8"	8	5/16"	16	20	41	536	404	8700	126	BULK
331016AX	5/8"	10	-	16	20	41	545	413	9700	135	BULK
339520AX	3/4"	-	3/8"	19	24	45	625	465	10200	190	BULK
331020AX	3/4"	10	-	19	24	45	625	465	9700	190	BULK
331220AX	3/4"	12	-	19	24	45	640	480	11400	200	BULK
* 331220AXX	3/4"	12	-	19	24	45	660	500	14000	200	BULK
* 331320AX	3/4"	-	1/2"	19	24	45	661	501	12900	202	BULK
* 331222AX	7/8"	12	-	22	26	49	786	592	14000	311	BULK
331422AX	7/8"	14	-	22	26	49	794	600	15900	309	BULK
331425AX	1"	14	-	25,4	29	59	932	692	15900	512	BULK
331625AX	1"	16	5/8"	25,4	29	59	940	700	19400	505	BULK
331927AX	1-1/8"	19	3/4"	28	34	62	1034	790	27600	857,9	BULK
332230AX	1-1/4"	22	7/8"	32	40	69	1153	877	34600	1186,5	BULK
332636AX	1-3/8"	26	1"	35	44	81	1296	990	42400	1613,9	BULK
332842A	1-5/8"	28	1-1/8"	40	48	99	1554	1178	59700	2461,3	BULK

\* Note: Terminal OD. =21,4

Note: All break loads are determined by clevis pin and thread



## RIGGING SCREW FORK/TERMINAL UNF

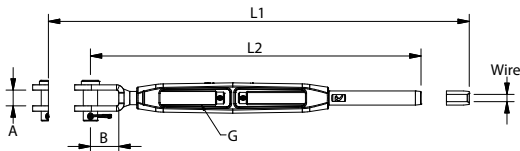
High Polished Stainless Steel - AISI 316 - Chromed Bronze Body

ART.NO.	THREAD G	WIRE	PIN	A	B	L1	L2	BL/KG	KG/100	PACK	
130306A	1/4"	3	-	6,35	9,5	13	236	174	1300	10,7	10
130406A	1/4"	4	5/32"	6,35	9,5	13	246	184	1300	11	10
130408A	5/16"	4	5/32"	8	11	15	280	204	1700	14,5	10
130508A	5/16"	5	3/16"	8	11	15	286	210	2200	14,7	10
130510A	3/8"	5	3/16"	9,5	12	19	317	233	2400	23,2	10
135510A	3/8"	-	7/32"	9,5	12	19	325	241	3400	24,5	10
130611A	7/16"	6	-	11	12	23	365	275	4600	36,5	5
130711A	7/16"	7	9/32"	11	12	23	370	280	4600	34,5	5
130612A	1/2"	6	-	12,7	14	25	397	291	5400	55	5
136312A	1/2"	-	1/4"	12,7	14	25	397	291	5200	55	5
130712A	1/2"	7	9/32"	12,7	14	25	405	299	6100	55,5	5
130816AX	5/8"	8	5/16"	16	18	33	496	364	8700	109,5	BULK
131016AX	5/8"	10	-	16	18	33	509	375	9700	113,7	BULK
139520A	3/4"	-	3/8"	19	24	48	591	431	10200	191	BULK
131020A	3/4"	10	-	19	24	48	591	431	9700	191	BULK
131220A	3/4"	12	-	19	24	48	606	446	11400	194	BULK
* 131220AX	3/4"	12	-	19	24	48	626	466	14000	196	BULK
* 131320A	3/4"	-	1/2"	19	24	48	627	467	12900	196	BULK
131422A	7/8"	14	-	22	26	56	794	600	15900	304	BULK
131625A	1"	16	5/8"	25,4	29	62	940	700	19400	445	BULK
131927A	1 1/8"	19	3/4"	28	32	68	969	721	23000	719,5	BULK

\* Note: Terminal OD. = 21,4 mm

Note: All break loads are determined by clevis pin and thread.

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

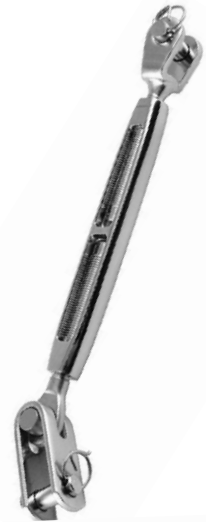
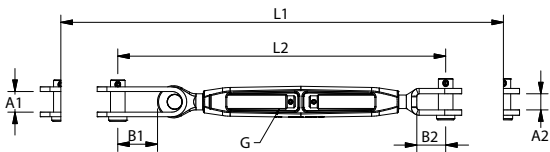


The Blue Wave Chromed Bronze Body features a number of details that makes it the best choice for exclusive and durable rigging. The sleek, open Bronze body prevents the threads from seizing up, they are delivered with laser engraved thread size, Blue Wave logo, and side marking of the left thread.

## RIGGING SCREW TOGGLE/FORK UNF

High Polished Stainless Steel - AISI 316 - Chromed Bronze Body

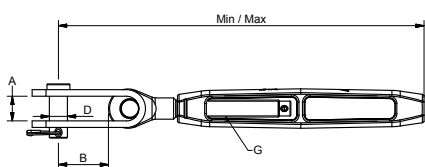
ART.NO.	THREAD G	PIN	A1	A2	B1	B2	L1	L2	BL/KG	KG/100	PACK
330006A	1/4"	6,35	8	10	17	13	225	163	1300	12,8	10
330008A	5/16"	8	10	11	20	15	268	192	2200	20,5	10
330010A	3/8"	9,5	12	12	26	19	313	229	3400	32,5	5
330011AX	7/16"	11	15	12	28	23	350	260	4600	54	5
330012AX	1/2"	12,7	18	14	35	25	382	276	6100	80	5
330016AX	5/8"	16	20	18	41	33	491	359	9900	137	BULK
330020AX	3/4"	19	24	24	45	48	586	426	14400	228	BULK
330022AX	7/8"	22	26	30	49	56	710	516	19600	410	BULK
330025AX	1"	25,4	29	30	59	62	835	595	21400	575	BULK



## RIGGING SCREW OPEN BODY TOGGLE / BLANK

AISI 316 - Polished Stainless Steel - Chromed Bronze Body

ART.NO.	THREAD G	MIN / MAX	A	B	D	BL/KG	KG/100	PACK
330006AS	1/4"	135 165	7	12	5	1300	8,1	10
330008AS	5/16"	170 208	10	21	8	2200	16,1	10
330010AS	3/8"	203 241	12	27	9,5	3400	27,5	5
330011AXS	7/16"	222 266	15	30	11	4600	42,8	5
330012AXS	1/2"	244 303	18	35	12,7	6100	57,7	5
330016AXS	5/8"	310 377	20	40	15,7	9900	106,7	BULK
330020AXS	3/4"	360 441	24	45	19	14400	186,3	BULK
330022AXS	7/8"	435 527	26	48	22	19600	322,1	BULK
330025AXS	1"	514 631	29	56	25,4	21400	487,5	BULK



# QUICK RACE TUNING TURNBUCKLES

Top turnbuckle for racing, dinghies and small keelboats

## QRT rigging screws features:

- Laser engraved calibration scale for precise adjustment.
- Handle for one end quick adjustment and easy locking.
- AISI 316 stainless steel body and terminal with cromed bronze nut.
- Fit threads and toggle fork for 2.5 - 7mm wire.

## NOTICE!

All Blue Wave QRT's have laser engraved calibration scale for precise adjustment. The nut is to be used as a level indicator for adjustment and NOT as a stop nut. Do not use any force when the nut has reached the edge at level 0 - The nut will break off!

## PERFORMANCE, RELIABILITY AND DESIGN - THE QRT TURNBUCKLE MEET THEM ALL !

Blue Wave is fast, efficient and it is fit for purpose, and like all good design the QRT turnbuckle being accepted as a given. We have run the gauntlet of Class, measurers, ISAF plus a testing procedure, and I am pleased to see the team are embracing this new technology.

A win-win, both the sailors and Blue Wave will benefit. One of the reasons why this is a great industry to be involved in.



Julian Bethwaite  
49'er designer



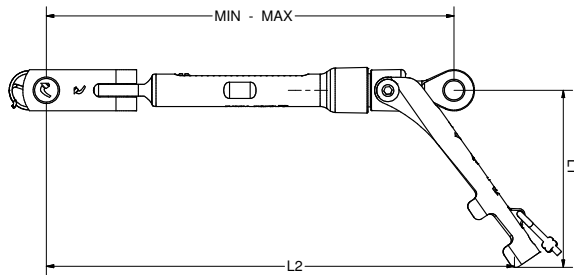
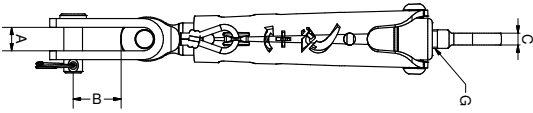
Community Design Registration 2012  
design reg. -002094003-001



## QUICK RACE TUNING - QRT - CALIBRATED

High Polished Stainless Steel - AISI 316 - Toggle / Wire Terminal

ART. NO.	THREAD G	PIN	A	B	C	Min - Max	L1	L2	BL/KG	KG/100
QRT19014	1/4"	6,35	8	16	4	139-179	56	169	1300	14,3
QRT19516	5/16"	8	10	20	5	173-223	60	201	2200	24,7
QRT19716	7/16"	11,1	15	30	8	223-293	80	257	4600	60,7

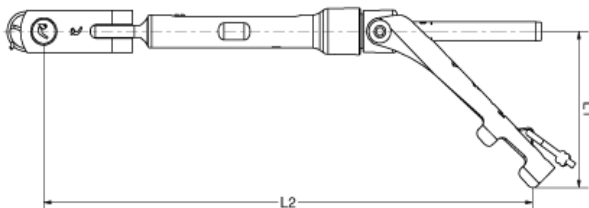
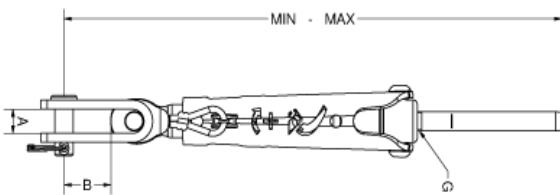


Community Design Registration 2012  
design reg. -002094003-001

## QUICK RACE TUNING - QRT - CALIBRATED

High Polished Stainless Steel - AISI 316 - Toggle / Wire Terminal

ART. NO.	WIRE	THREAD G	PIN	A	B	L1	L2	Min - Max	BL/KG	KG/100
QRT25014	2,5	1/4"	6,35	8	16	52	169	161-201	1000	14,3
QRT03014	3,0	1/4"	6,35	8	16	52	169	172-212	1300	14,6
QRT32014	3,2-1/8"	1/4"	6,35	8	16	52	169	172-212	1300	14,6
QRT04516	4-5/32"	5/16"	8	10	20	60	201	201-251	1700	23,9
QRT05516	5-3/16"	5/16"	8	10	20	60	201	208-258	2200	24,8
QRT06716	6	7/16"	11,1	15	30	80	257	265-335	4600	60,7
QRT07716	7-9/32"	7/16"	11,1	15	30	80	257	272-342	4600	62,8
QRT08012	8	1/2"	12,7	18	34	110	285	332-411	6100	98,7

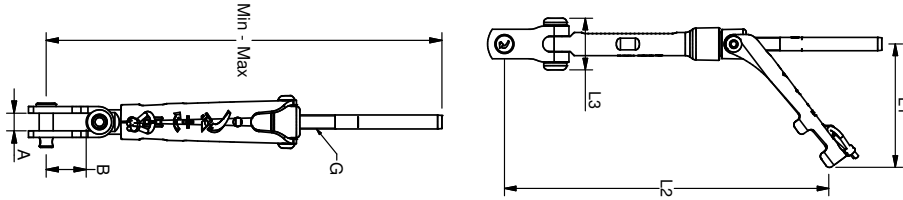


Community Design Registration 2012  
design reg. -002094003-001

## QUICK RACE TUNING - WITH REINFORCED TOGGLE

High Polished Stainless Steel - AISI 316

ART. NO.	WIRE	THREAD G	PIN	A	B	L1	L2	L3	Min - Max	BL/KG	KG/100
QRT25014S	2,5	1/4"	6,35	8	18	52	169	25	161-201	1000	15,4
QRT03014S	3	1/4"	6,35	8	18	52	169	25	172-212	1300	15,7
QRT32014S	3,2 - 1/8"	1/4"	6,35	8	18	52	169	25	172-212	1300	15,7



Community Design Registration 2012  
design reg. -002094003-001

For replacement, Blue Wave offer spare parts to the QRT range. The terminals are supplied with loose adjustment scale screws. Use with Loctite.

## QUICK RACE TUNING - QRT - SPARE PARTS

High Polished Stainless Steel - AISI 316 / Screw - Rig Rod 1,4462

ART.NO.	SCREW ART.NO.	D	THREAD-LH
QT031906A	QT014	6,5	1/4"
QT031908A	QT516	8,5	5/16"
QT031911A	QT716	11,5	7/16"
QT031912A	QT127	13	1/2"

ART.NO.	SCREW ART.NO.	THREAD-LH	WIRE
QT902506A	QT014	1/4	2,5
QT903006A	QT014	1/4"	3
QT903206A	QT014	1/4"	3,2 - 1/8"
QT900408A	QT516	5/16"	4 - 5/32"
QT900508A	QT716	5/16"	5 - 3/16"
QT900611A	QT716	7/16"	6
QT900711A	QT716	7/16"	7 - 9/32"
QT900812A	QT012	1/2"	8

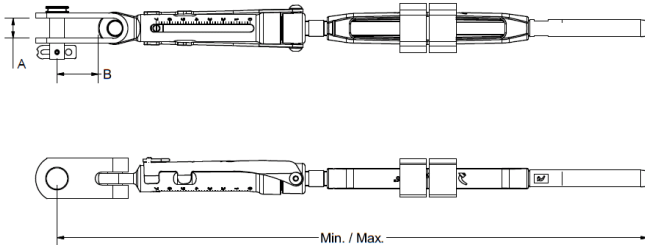




## BACKSTAY AND BABYSTAY ADJUSTERS

Polished Stainless Steel - AISI 316

ART. NO.	WIRE	PIN	UNF	A	B	MIN.-MAX.	BL-KG	KG/100
QB06716	6 mm	11,1	7/16"	15	31	441 mm - 601 mm	4600	108
QB07716	7 mm - 9/32"	11,1	7/16"	15	31	446 mm - 604 mm	4600	111
QB07012	7 mm - 9/32"	12,7	1/2"	18	34	502 mm - 686 mm	6100	152
QB08012	8 mm - 5/16"	12,7	1/2"	18	34	517 mm - 701 mm	6100	157



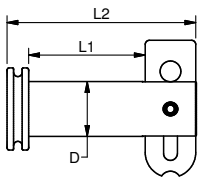
Back- and babystay adjusters with handle combine two of Blue Wave's top Marine rigging screws; the Quick Race Tuning and chrome bronze rigging screws.

## DROPNOSE PIN

Polished Stainless Steel - AISI 316

Replacement pins for back-and babystayadjuster.

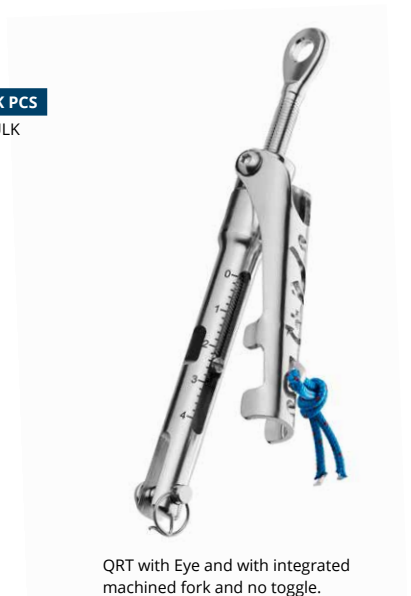
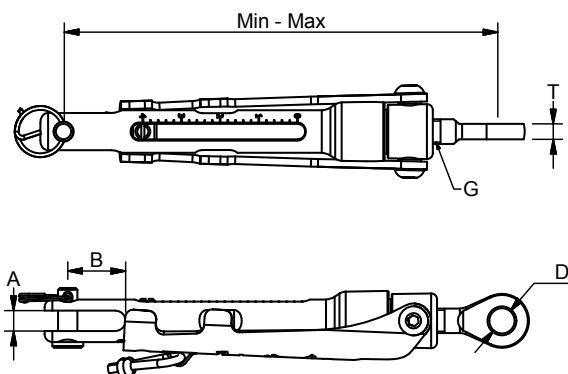
ART. NO.	REF	D	L1	L2	KG/100	PACK
06241164	7/16"	11,1	24	39	3,4	BULK
06271364	1/2"	12,7	27	44	4,8	BULK



## QRT FORK / EYE

High polished stainless steel - AISI 316

ART. NO.	PIN	G THREAD	A	B	D	T	MIN/MAX	BL/KG	KG/100	PACK PCS
QRT1905F	5	1/4"	5,3	15	6,5	6,5	112 - 152	1500	11	BULK



QRT with Eye and with integrated machined fork and no toggle.



## MONO RACE TUNING - MRT - CALIBRATED

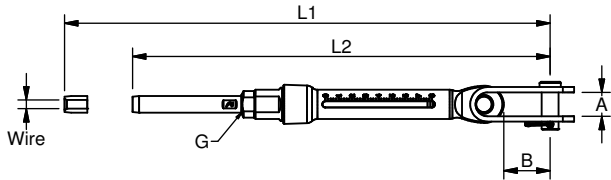
High Polished Stainless Steel - AISI 316 - Toggle/Wire Terminal

ART. NO.	WIRE	THREAD G	PIN	A	B	L1	L2	BL/KG	PACK	KG/100	
MRT03014	3	-	1/4"	6,35	8	17	233	193	1300	BULK	11,4
MRT03214	-	1/8"	1/4"	6,35	8	17	233	193	1300	BULK	11,4
MRT04014	4	5/32"	1/4"	6,35	8	17	256	216	1300	BULK	12,2
MRT04516	4	-	5/16"	8	10	20	271	221	1700	BULK	19,2
MRT05516	5	3/16"	5/16"	8	10	20	277	227	2200	BULK	20
MRT05038	5	-	3/8"	9,5	12	26	323	263	2400	BULK	35,1
MRT06716	6	-	7/16"	11	15	28	353	283	4600	BULK	56,3
MRT06012	6	-	1/2"	12,7	18	35	414	334	5400	BULK	79,9
MRT63012	1/4"	1/2"	12,7	18	35	414	334	5200	BULK	80,4	
MRT07716	7	-	7/16"	11	18	28	375	305	4600	BULK	60,2
* MRT07012	7	-	1/2"	12,7	18	35	422	342	6100	BULK	80,5
* MRT08012	8	-	1/2"	12,7	18	35	436	356	6100	BULK	84,4
* MRT08058	8	-	5/8"	16	20	41	510	410	8700	BULK	142,8
* MRT10058	10	-	5/8"	16	20	41	561	461	9700	BULK	146,4
*! MRT10034	10	-	3/4"	19	24	45	598	478	9700	BULK	260
* MRT12034	12	-	3/4"	19	24	45	629	509	14200	BULK	273
* MRT14078	14	-	7/8"	22	26	49	698	568	15900	BULK	420,5
* MRT16110	16	-	1"	25,4	29	59	820	660	19400	BULK	616,4

! Note: Terminal OD. = 21,4 mm

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

MRT's marked with "\*" on request only



A highly sophisticated rigging screw, from the Blue Wave racing line. It features an adjustment nut in black chromed high quality alu bronze, engraved calibration scale for fast and accurate adjustment of the rig tension and an extra length thread terminal.

## MONO STANDARD TUNING - MST

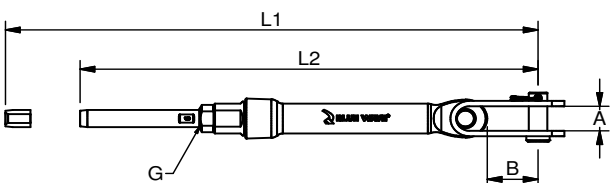
High Polished Stainless Steel - AISI 316

ART. NO.	WIRE	THREAD G	PIN	A	B	L1	L2	BL/KG	PACK	KG/100	
MST03014	3	-	1/4"	6,35	8	17	233	193	1300	BULK	11,8
MST32014	-	1/8"	1/4"	6,35	8	17	233	193	1300	BULK	11,8
MST04014	4	5/32"	1/4"	6,35	8	17	256	216	1300	BULK	12,6
MST04516	4	5/32"	5/16"	8	10	20	271	221	1700	BULK	19,7
MST05516	5	3/16"	5/16"	8	10	20	277	227	2200	BULK	20,5
MST05038	5	3/16"	3/8"	9,5	12	26	323	263	2400	BULK	36,1
MST06716	6	-	7/16"	11	15	28	375	305	4600	BULK	57,5
MST06012	6	-	1/2"	12,7	18	35	414	334	5400	BULK	81,7
MST07716	7	9/32"	7/16"	11	15	28	353	283	4600	BULK	60
* MST07012	7	9/32"	1/2"	12,7	18	35	422	342	6100	BULK	82,2
* MST08012	8	5/16"	1/2"	12,7	18	35	436	356	6100	BULK	86,1
* MST08058	8	5/16"	5/8"	16	20	41	510	410	8700	BULK	146,9
* MST10058	10	-	5/8"	16	20	41	561	461	9700	BULK	150,5
* MST10034	10	-	3/4"	19	24	45	598	478	9700	BULK	264,7
* ! MST12034	12	-	3/4"	19	24	45	629	509	14200	BULK	277,8
* MST14078	14	-	7/8"	22	26	49	698	568	15900	BULK	425,7
* MST16110	16	-	1"	25,4	29	59	820	660	19400	BULK	622,8

! Note: Terminal OD. = 21,4 mm

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

MST's marked with "\*" on request only

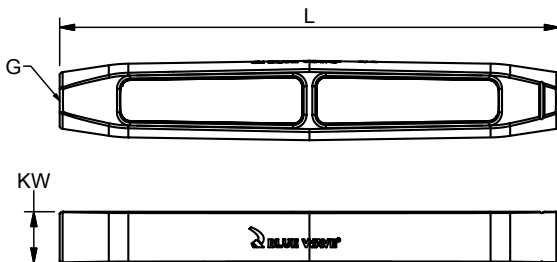


Toggle/Wire Terminal  
A highly sophisticated rigging screw. A price favourable alternative to the Blue Wave racing line, with all the features except the calibration scale. It features an adjustment nut, in chromed high quality alu bronze, and an extra length thread terminal.



## CHROMED BRONZE BODIES UNF

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



The Blue Wave Chromed Bronze Body features a number of details that makes it the best choice for exclusive and durable rigging. The sleek, open Bronze body prevents the threads from seizing up, they are delivered with laser engraved thread size, Blue Wave logo, and side marking of the left thread.

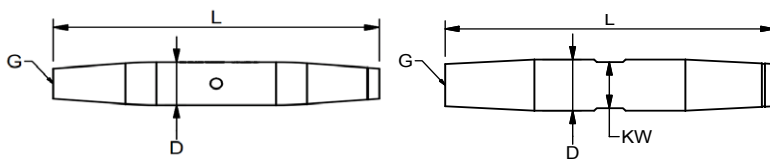
## STAINLESS STEEL BODIES METRIC

High Polished Stainless Steel - AISI 316

ART. NO.	THREAD G	L	D	KW	BL/KG
011205	M5	80	8	-	800
011206	M6	92	10	-	1200
011208	M8	112	13,5	-	2200
011210	M10	120	17,2	-	3500
011212	M12	150	21,3	-	5100
011214	M14	170	21,3	-	6900
011216	M16	190	26,9	-	9400
011220	M20	220	33,7	-	14700
011224	M24	320	43	-	14700
* 012320	M20	240	40	36	18000
* 012322	M22	270	45	41	21000
* 012324	M24	325	50	46	21000
* 012327	M27	345	55	50	23000
* 012330	M30	375	60	55	28000
* 012336	M36	410	65	60	41000

\* SS Body with BRONZE Inserts

Note: All break loads are determined by thread



The price favourable and durable Stainless Steel Rigging Screw line from Blue Wave offers a variety of features. Laser engraved thread size, Blue Wave logo, and side marking of the left thread.

## STAINLESS STEEL BODIES UNF

Polished Stainless Steel - AISI 316

ART. NO.	THREAD G	L	D	KW	BL/KG
011206A	1/4"	92	10		1300
011208A	5/16"	112	13,5		2200
011210A	3/8"	120	17,2		3400
011211A	7/16"	150	21,3		4600
011212A	1/2"	150	21,3		6100
011216A	5/8"	190	26,9		9900
011220A	3/4"	220	33,7		14400
011320A	3/4"	243	40	36	14400
* 012322A	7/8"	270	45	41	19600
* 012325A	1"	325	50	46	21400
* 012327A	1 1/8"	345	55	50	27600
* 012330A	1 1/4"	375	60	55	34600
* 012336A	1 3/8"	410	65	60	42400

\* SS Body with BRONZE Inserts

Note: All break loads are determined by thread.

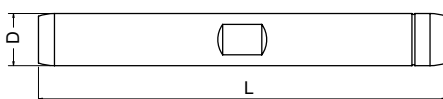


## STAINLESS STEEL BODIES MACHINED UNF

High Polished Stainless Steel - AISI 316

ART. NO.	THREAD G	L	D	BL/KG
012310A	3/8"	125	16	3400
012311A	7/16"	150	18	4600
012312A	1/2"	150	20	6100
012316A	5/8"	190	25	9900

SS Body with BRONZE inserts



Laser engraved thread size, Blue Wave logo, side marking of the left thread and bronze inserts.

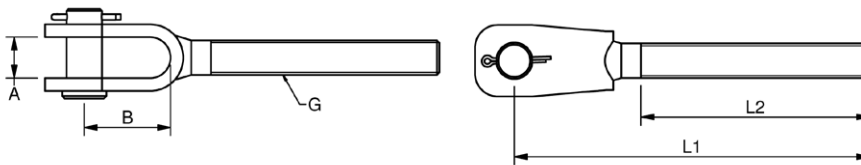


## WELDED THREAD FORKS METRIC

High Polished Stainless Steel - AISI 316

NO. RIGHT	NO. LEFT	G	PIN	A	B	L1	L2	B.L./KG	KG/100	PACK
021205B	031205B	M5	5	7,5	12	60	41	800	1,9	10
021206B	031206B	M6	5	7,5	12	67	47	1000	2,3	10
021206XB	031206XB	M6	6	9,5	13	68	47	1200	2,8	10
021208B	031208B	M8	6	9,5	13	79	57	1600	3,9	10
021208XB	031208XB	M8	8	11	15	82	57	2200	5,5	10
021210B	031210B	M10	8	11	15	90	63	3200	6,9	10
021210XB	031210XB	M10	10	12	19	94	63	3400	7,8	10
021212B	031212B	M12	12	14	25	119	80	5000	17,0	5
021212XB	031212XB	M12	14	18	33	129	80	5000	26,3	5
021214B	031214B	M14	12	18	25	137	90	6900	30,1	5
021216XB	031216XB	M16	14	18	33	151	100	9400	36,9	5
021220B	031220B	M20	19	24	48	191	120	14000	71,9	BULK
021222B	031222B	M22	22	30	57	224	140	18000	120,1	BULK
021224B	031224B	M24	25	30	62	258	170	21000	180,0	BULK
021227B	031227B	M27	28	32	68	311	180	23000	215,1	BULK
021230B	031230B	M30	32	35	76	344	200	28000	301,9	BULK
011236B	031236B	M36	35	40	86	385	220	41000	451,7	BULK

Note: All breakloads are determined by clevis pin and thread



Welded forks with thread and pin for rigging screws, inside thread parts or other terminations. Available with left handed and right handed thread -also UNF sizes on request.

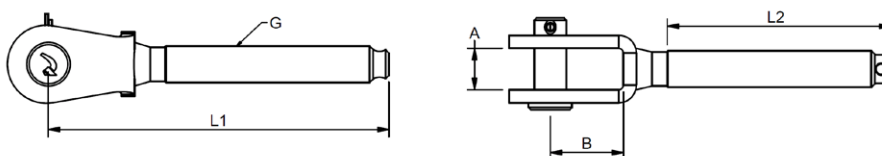
## WELDED THREAD FORKS UNF

High Polished Stainless Steel - AISI 316

ART. NO. RIGHT	ART. NO. LEFT	THREAD G	PIN	A	B	L1	L2	B.L./KG.	KG/100
021306AB	031306AB	1/4"	6,35	9,5	13	68	47	1300	2,3
021308AB	031308AB	5/16"	8	11	15	81	57	2200	3,9
021310AB	031310AB	3/8"	9,5	12	19	94	63	3400	6,9
021311AB	031311AB	7/16"	11	12	23	104	80	4600	10
021312AB	031312AB	1/2"	12,7	14	25	119	80	6100	17
021316AB	031316AB	5/8"	14	18	33	151	100	9900	35,2
021316AXB	031316AXB	5/8"	16	18	33	151	100	9900	37,3
021320AB	031320AB	3/4"	19	24	48	191	119	14400	71,9
021322AB	031322AB	7/8"	22	30	56	224,5	140	19600	120,1
021325AB	031325AB	1"	25,4	30	62	258	170	21400	180

Note: All breakloads are determined by clevis pins & thread.

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



**For articles WITHOUT split hole:**

Replace the first 4 digit, of the ART.NO, with 0212 for right handed and 0312 for left handed.

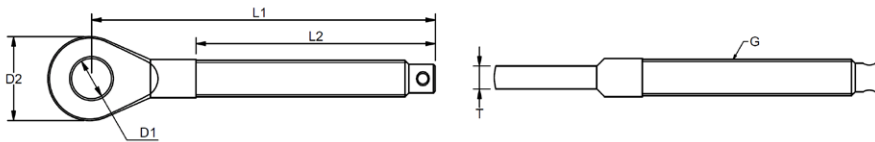
## THREAD EYES

High Polished Stainless Steel - AISI 316

ART. NO. RIGHT	ART. NO. LEFT	THREAD G	D1	D2	L1	L2	T	BL/KG	KG/100	PACK
023906A	033906A	1/4"	6,5	14	65	47	4	1300	1,5	25
023908A	033908A	5/16"	8,5	17	78	57	5	2200	3,1	25
023910A	033910A	3/8"	10,5	22	89	63	6	3400	5,1	25
023911AX	033911AX	7/16"	11,5	24	98	70	8	4600	8,9	10
023912A	033912A	1/2"	13	25	110	80	8	6100	10,1	10
023912AX	033912AX	1/2"	13,2	28	105	80	10	6100	12	10
023916A	033916A	5/8"	14,5	31	134	100	10	9900	20,4	10
023916AX	033916AX	5/8"	16,5	36	141	100	12	9900	25,3	10
023920A	033920A	3/4"	19,5	40	164	120	16	14400	47,7	5
023922AX	033922AX	7/8"	23	47	197	140	18	19600	74,2	BULK
023925AX	033925AX	1"	26	52	230	170	20	21400	108,3	BULK
023927AX	033927AX	1-1/8"	28,5	65	247	180	25	27600	132	BULK
023930AX	033930AX	1-1/4"	32,5	70	274	200	30	34600	188	BULK
023936AX	033936AX	1-3/8"	35,5	75	297	220	30	42400	250	BULK
023942A	033942A	1-5/8"	40,5	74	367	270	38	59700	488	BULK

Note: All breakload are determined by thread.

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



**For articles WITHOUT split hole:**

Replace the first 4 digit, of the ART.NO, with 0219 for right handed and 0319 for left handed.

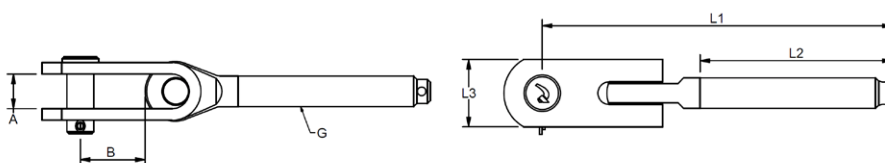
## THREAD TOGGLES

High Polished Stainless Steel - AISI 316

ART. NO. RIGHT	ART. NO. LEFT	THREAD G	PIN	A	B	L1	L2	L3	BL/KG	KG/100
023306AB	033306AB	1/4"	6,35	8	17	88	47	14	1300	4,6
023308AB	033308AB	5/16"	8	10	20	105	57	18	2200	8,3
023310AB	033310AB	3/8"	9,5	12	26	126	63	22	3400	16
023311AXB	033311AXB	7/16"	11	15	28	142	70	30	4600	25,2
023312AXB	033312AXB	1/2"	12,7	18	35	147	80	30	6100	31,3
023316AXB	033316AXB	5/8"	16	20	41	199	100	35	9900	63
023316AB	033316AB	5/8"	14	18	34	182	100	35	9400	54,3
023320AXB	033320AXB	3/4"	19	24	45	225	120	40	14400	110
023322AXB	033322AXB	7/8"	22	26	49	267	140	50	19600	166
023325AXB	033325AXB	1"	25,4	29	59	311	170	60	21400	277
023327AXB	033327AXB	1-1/8"	28	34	60	343	180	60	27600	363
023330AXB	033330AXB	1-1/4"	32	40	69	379	200	75	34600	536
023336AXB	033336AXB	1-3/8"	36	44	77	415	220	75	42400	646
023342AB	033342AB	1-5/8"	40	48	99	509	270	95	59700	995

Note: All breakloads are determined by clevis pin and thread.

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



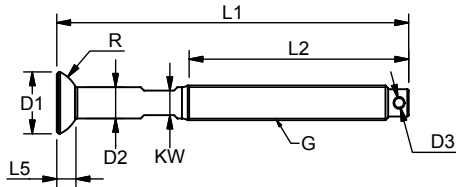
**For articles WITHOUT split hole:**

Replace the first 4 digit, of the ART. NO, with 0232 for right handed and 0332 for left handed.

## THREADED BALL FOR WIRE

High Polished Stainless Steel - AISI 316

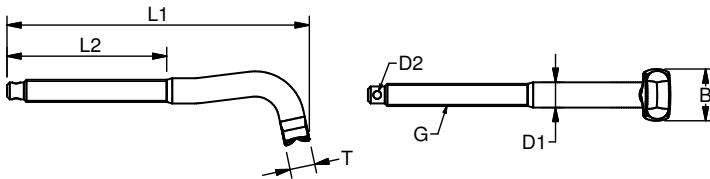
ART. NO.	THREAD G	D1	D2	D3	L1	L2	L5	KW	R	BL/KG	KG/100	PACK
BT014000A	1/4"	13	6,35	2,2	80	50	4,5	5	6	1300	3,9	BULK
BT516000A	5/16"	19	9	2,8	92	57	7	7	7	2200	4,2	BULK
BT038000A	3/8"	19	9,5	2,8	101	63	6	7	7	3400	5,6	BULK
BT716000A	7/16"	20	11	3,5	111	70	6	9	7	4600	8	BULK
BT012000A	1/2"	20	12,7	3,5	129	80	6	9	7	6100	12,2	BULK
BT058000A	5/8"	25	16	4,5	154	100	9	12	10	9900	23,4	BULK
BT034000A	3/4"	28	19	4,5	178	120	10	15	14	14400	38,4	BULK



## THREADED T-TERMINAL

High Polished Stainless Steel - AISI 316

ART. NO.	LEFT THREAD G	B	T	D1	D2	L1	L2	BL/KG	KG/100	PACK
036106A	1/4"	15	6,35	6,35	2,2	84	48	1300	2,4	20
036108A	5/16"	18,5	9	9	2,8	108	57	2200	5,5	20
036110A	3/8"	27,5	12,6	12,6	2,8	131	63	3400	12,3	20
036111A	7/16"	27,5	12,6	12,6	3,5	131	68	4600	13,6	10
036112A	1/2"	29	14,2	14,2	3,5	142	80	6100	18,4	10
036116A	5/8"	35,5	17,8	17,8	4,5	194	101	9900	40,1	10



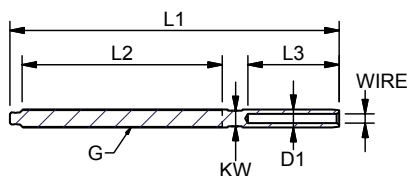
## LONG THREADED TERMINAL

High Polished Stainless Steel - AISI 316

ART. NO.	WIRE	THREAD G	D1	L1	L2	L3	KW	BL/KG	KG/100	PACK
05M0306A	3	1/4"	6,4	132	86	38	5	1300	2,6	BULK
05M0406A	4	1/4"	7,5	137	81	45	6	1300	3	BULK
05M0408A	4	5/16"	7,5	147	93	45	6	1700	4,3	BULK
05M0508A	5	5/16"	9	156	93	51	7	2200	5,2	BULK
05M0510A	5	3/8"	9	176	115	51	7	2400	7,7	BULK
05M5510A	7/32"	3/8"	10,8	190	115	59	9	3400	10,4	BULK
05M6310A	1/4"	3/8"	10,8	197	115	64	11	3400	9,2	BULK
05M0611A	6	7/16"	12,6	206	123	64	11	4600	14,5	BULK
05M0711A	7	7/16"	14,2	211	123	70	12	4600	16,8	BULK
05M0612A	6	1/2"	12,6	224	149	64	11	5400	18,7	BULK
05M6312A	1/4"	1/2"	12,7	224	149	64	11	5300	18,7	BULK
05M0712A	7	1/2"	14,2	232	149	70	12	6100	21,3	BULK
05M0812A	8	1/2"	16	247	149	84	14	6100	25,2	BULK
05M0816A	8	5/8"	16	282	184	84	14	8700	37,4	BULK
05M9516A	3/8"	5/8"	17,6	299	179	89	15	8700	41,1	BULK
05M1016A	10	5/8"	17,8	292	179	89	15	9700	41,6	BULK
05M1220A	12	3/4"	21,4	368	225	120	19	14200	72,2	BULK
05M1422A	14	7/8"	25	415	255	140	22	15900	112	BULK
05M1625A	16	1"	28	480	293	160	25	19400	164,4	BULK

Note: All breakloads are determined by thread.

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



The Blue Wave extra long Thread Terminals all features, engraved wire size, Blue Wave logo, and swage depth marking for faster and easier swaging. No splithole.



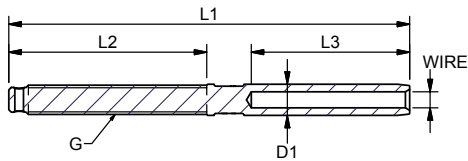
## THREAD TERMINALS UNF

Stainless Steel - AISI 316

ART. NO. RIGHT	ART. NO. LEFT	WIRE	THREAD G	D1	L1	L2	L3	BL/KG	KG/100	PACK
930306A	940306A	3 -	1/4"	6,35	100	48	38	1300	2,2	BULK
933206A	943206A	- 1/8"	1/4"	6,35	100	48	38	1300	2,2	BULK
930406A	940406A	4 5/32"	1/4"	7,5	110	48	45	1300	2,5	BULK
930408A	940408A	4 5/32"	5/16"	7,5	117	57	45	1700	3,8	BULK
930508A	940508A	5 3/16"	5/16"	9	123	57	51	2200	4	BULK
930510A	940510A	5 3/16"	3/8"	9	130	63	51	2400	5,3	BULK
930610A	940610A	6 -	3/8"	12,58	145	63	64	3400	8,4	BULK
936310A	946310A	- 1/4"	3/8"	12,58	145	63	64	3400	8,3	BULK
930611A	940611A	6 -	7/16"	12,58	157	68	64	4600	10	BULK
930711A	940711A	7 9/32"	7/16"	14,2	162	68	70	4600	12,7	BULK
930612A	940612A	6 -	1/2"	12,58	162	80	64	5400	10,8	BULK
936312A	946312A	- 1/4"	1/2"	12,58	162	80	64	5200	11	BULK
930712A	940712A	7 9/32"	1/2"	14,2	170	80	70	6100	14	BULK
930812A	940812A	8 5/16"	1/2"	16	185	80	83	6100	19,2	BULK
930816A	940816A	8 5/16"	5/8"	16	203	100	83	8700	25,9	BULK
939516A	949516A	- 3/8"	5/8"	17,8	210	100	89	8700	31,1	BULK
931016A	941016A	10 -	5/8"	17,8	212	100	89	9700	30,1	BULK
939520A	949520A	- 3/8"	3/4"	17,8	230	120	89	10200	38,7	BULK
931020A	941020A	10 -	3/4"	17,8	230	120	89	9700	39,1	BULK
931220A	941220A	12 -	3/4"	20	249	120	105	11400	47,9	BULK
* 931220AX	941220AX	12 -	3/4"	21,4	265	120	120	14200	48,6	BULK
* 931320A	941320A	1/2"	3/4"	21,4	266	120	120	12900	48,6	BULK
931422A	941422A	14 -	7/8"	25	308	140	140	15900	78,7	BULK
931625A	941625A	16 5/8"	1"	28	363	170	160	19400	126	BULK
931927A	941927A	19 3/4"	1-1/8"	34,5	425	180	200	27600	210	BULK
932230A	942230A	22 7/8"	1-1/4"	40,5	480	200	230	34600	313	BULK
932636A	942636A	26 1"	1-3/8"	46	550	220	280	42400	470	BULK
932842A	942842A	28 -	1-5/8"	50	639	270	300	64000	682	BULK

\* Note: Terminal OD. = 21,4 mm

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



**For articles WITHOUT split hole:**

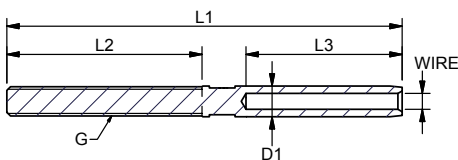
Replace the first 2 digit, of the ART. NO, with 90 for right handed and 91 for left handed.

## THREAD TERMINALS METRIC

Stainless Steel - AISI 316

ART. NO. RIGHT	ART. NO. LEFT	THREAD G	WIRE	D1	L1	L2	L3	BL/KG	KG/100	PACK
900205	910205	M5	2	5,5	79	42	24	800	1,4	BULK
902505	912505	M5	2,5	5,5	82	42	27	800	1,5	BULK
900306	910306	M6	3	6,35	100	48	38	1200	2	BULK
900406	910406	M6	4	7,5	110	48	45	1200	2,4	BULK
900408	910408	M8	4	7,5	117	57	45	1700	3	BULK
900508	910508	M8	5	9	125	57	51	2200	4	BULK
900510	910510	M10	5	9	130	63	51	2500	4,5	BULK
900610	910610	M10	6	12,58	145	63	64	3500	8,4	BULK
900612	910612	M12	6	12,58	162	80	64	5100	11	BULK
900714	910714	M14	7	14,2	180	89	70	6800	16	BULK
900816	910816	M16	8	16	203	100	83	8700	23	BULK
901020	911020	M20	10	17,8	230	120	89	9700	35	BULK
901220	911220	M20	12	20	249	120	105	11400	45	BULK
901220X	911220X	M20	12	21,4	265	120	120	14200	50	BULK
901422	911422	M22	14	25	308	140	140	15900	76,8	BULK
901624	911624	M24	16	28	363	170	160	19400	111	BULK

\* Note: Terminal OD. = 21,4 mm



The Blue Wave Thread Terminals all features, engraved wire size, Blue Wave logo, and swage depth marking for faster and easier swaging. No splithole.

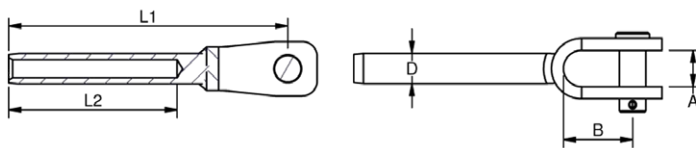
## WELDED FORK TERMINALS

Polished Stainless Steel - AISI 316

ART. NO.	WIRE	PIN	A	B	D	L1	L2	BL	KG/100	PACK	
100502	2	1/16"	5	7,5	12	5,5	58	32	800	2	25
100525	2,5	3/32"	5	7,5	12	5,5	58	32	800	2	25
100503	3	-	5	7,5	12	6,35	67	38	800	2,3	25
100532	-	1/8"	5	7,5	12	6,35	67	38	800	2,3	25
100603	3	-	6	9,5	13	6,35	68	38	1300	2,8	25
100632	-	1/8"	6	9,5	13	6,35	68	38	1300	2,8	25
106303	3	-	6,35	9,5	13	6,35	68	38	1300	2,8	25
106332	-	1/8"	6,35	9,5	13	6,35	68	38	1300	2,8	25
100504	4	5/32"	5	7,5	12	7,5	71	45	800	2,7	25
100604	4	5/32"	6	9,5	13	7,5	73	45	1500	3,4	25
100804	4	5/32"	8	11	15	7,5	77	45	1700	4,9	25
100605	5	3/16"	6	9,5	13	9	83	51	1500	4,1	25
100805	5	3/16"	8	11	15	9	87	51	2400	5,5	10
109505	5	3/16"	9,5	12	19	9	91	51	2400	7,2	10
100806	6	-	8	11	15	12,58	99	64	3200	10	10
109506	6	-	9,5	12	19	12,58	104	64	3800	11,3	10
101106	6	-	11	13	23	12,58	108	64	5000	13,9	10
101163	-	1/4"	11	13	23	12,58	108	64	4800	13,9	10
101206	6	-	12	14	25	12,58	110	64	5200	17,6	10
101207	7	9/32"	12	14	25	14,2	119	70	6500	18,1	10
101307	7	-	12,7	14	25	14,2	119	70	6500	18,1	10
101208	8	5/16"	12	14	25	16	136	83	6500	21,6	10
101308	8	5/16"	12,7	14	25	16	136	83	6500	21,6	10
101608	8	5/16"	16	18	33	16	145	83	8500	25,5	10
101495	-	3/8"	14	18	30	17,8	151	89	10200	35	10
101410	10	-	14	18	32	17,8	151	89	9400	35	10
101410L	10	-	14	22	30	17,8	149	89	9400	35	10
101610	10	-	16	18	33	17,8	151	89	9400	35	10
101612	12	-	16	18	33	20	174	105	11200	60	5
101612L	12	-	16	22	31	20	171	105	11200	60	5
101912	12	-	19	24	48	20	189	105	11200	66	5
101912L	12	-	19	30	47	20	187	105	11200	66	5
101912X	12	-	19	24	48	21,4	205	120	14000	75	5
101913	-	1/2"	19	24	48	21,4	205	120	12900	75	5
101914L	14	-	19	30	47	25	221	140	15000	75	5
102214	14	-	22	30	57	25	232	140	15000	112,7	5
102514	14	-	25,4	30	62	25	235	140	15000	125	5
102516	16	-	25,4	30	62	28	264	160	19000	140	5
102819	19	-	28	32	68	34,5	309	200	27000	246	BULK
103222	22	-	32	35	76	40,5	354	230	34000	372	BULK
103526	26	-	35	40	86	46,00	420	280	45000	548	BULK



The wide range of hand welded fork terminals by Blue Wave has been setting standards for many years. Featured here are the most common size / fork variations: - all with wire size and swage depth marking. Fork terminals are amongst the most commonly used wire end fittings, they are normally attached to pre drilled anchor plates or steel constructions. Also used in combination with toggles, eyes or U-bolts.

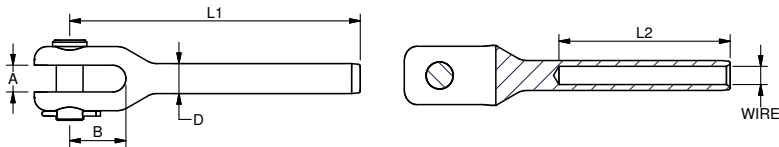


## FORK TERMINALS - MACHINED

Polished Stainless Steel - AISI 316

ART. NO.	WIRE	PIN	A	B	D	L1	L2	B.L./KG.	KG/100	PACK
721912	12	19	20	45	20	197	105	9500	100	BULK
721912X	12	19	24	45	21,4	197	105	14200	110	BULK
722214	14	22	22	49	25	239	140	15000	170	BULK
722516	16	25	25	52	28	271	160	19000	210	BULK
722819	19	28	30	55	34,5	327	200	27000	330	BULK
723222	22	32	35	67	40,4	377	230	35000	480	BULK
723526	26	35	35	67	46	434	280	48000	700	BULK

Note: All breakloads are determined by clevis pin  
Terminal OD 21,4

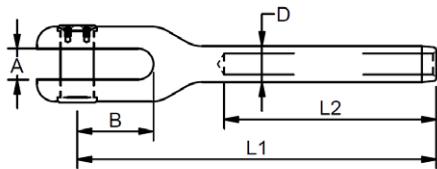


As demand for larger wire sizes has been growing, so has the range of larger machined fittings by Blue Wave. The machined forks are, as most fittings by Blue Wave, marked with wire size and swage depth marking for ease of use.

## THREAD FORK - MACHINED

High Polished Stainless Steel - AISI 316

ART. NO.	WIRE	PIN	A	B	D	L1	L2	B.L./KG	KG/100	PACK
M724628	28 mm	46	43	106	50	499	295	70.000	1191	BULK
M725330	30 mm	53	46	122	58	542	315	80.000	1756	BULK
M725332	32 mm	53	46	122	58	562	335	90.000	1758	BULK
M726036	36 mm	60	54	132	65	630	375	115.000	2513	BULK



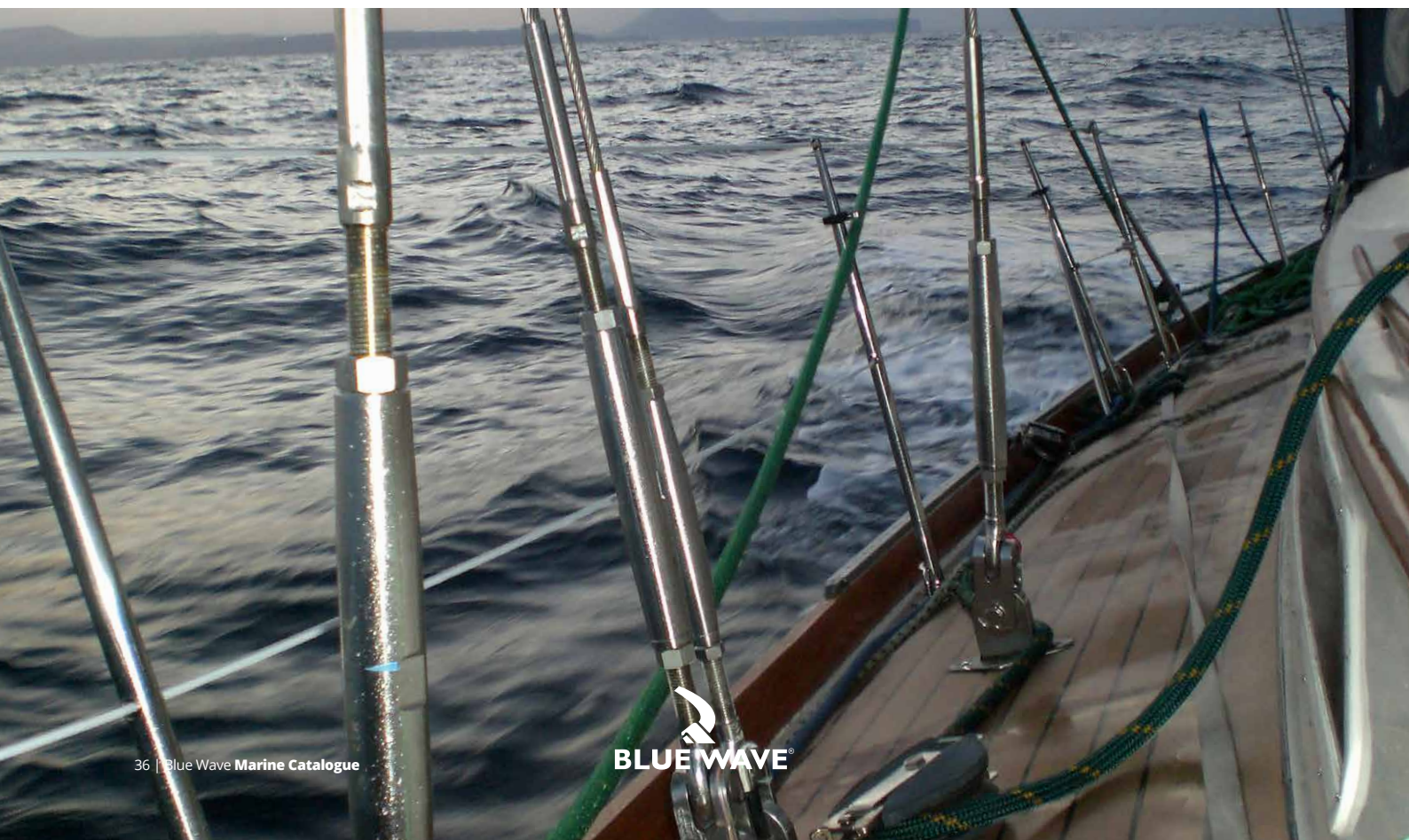
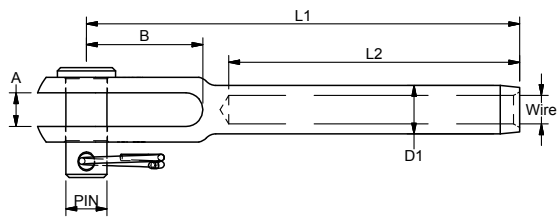
Note:  
These products are on request only



## AIRCRAFT FORK TERMINAL - ACCORDING TO MS20667

Polished Stainless Steel - AISI 316

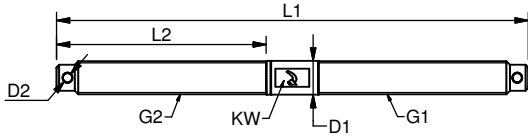
ART. NO.	WIRE		PIN		D1		L1		L2		A		B		B.L./KG	KG/100	PACK
	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch			
ACF4516		1/16"	5	3/16"	4	5/32"	40	1 37/64"	26	1 3/64"	2,5	3/32"	12,7	1/2"	600	0,7	10
ACF4502	2		5	3/16"	5,5	7/32"	49	1 15/16"	32	1 17/64"	2,8	7/64"	12,7	43/64"	1190	1,2	10
ACF4525	2,5	3/32"	5	3/16"	5,5	7/32"	49	1 15/16"	32	1 17/64"	2,8	7/64"	12,7	43/64"	1050	1,2	10
ACF4503	3		5	3/16"	6,35	1/4"	60	2 23/64"	38	1 33/64"	5,2	13/64"	18,7	47/64"	1380	1,8	10
ACF4532		1/8"	5	3/16"	6,35	1/4"	60	2 23/64"	38	1 33/64"	5,2	13/64"	18,7	47/64"	1320	1,7	10
ACF0604	4	5/32"	6,35	1/4"	7,5	19/64"	67	2 21/32"	45	1 49/64"	5,2	13/64"	18	51/64"	1730	2,5	10
ACF0805	5	3/16"	8	5/16"	9	23/64"	78	3 5/64"	51	2 1/64"	6,35	1/4"	22,2	7/8"	2492	4,5	10
ACF0855		7/32"	8	5/16"	10,8	27/64"	87	3 7/16"	57	2 17/64"	7,9	5/16"	24,6	31/32"	3900	6,8	10
ACF9506	6		10		12,58	1/2"	97	3 13/16"	64	2 33/64"	7,9	5/16"	27	1 1/16"	5460	10,7	10
ACF95635		1/4"	10	3/8"	12,58	1/2"	97	3 13/16"	64	2 33/64"	7,9	5/16"	27	1 1/16"	5270	10,6	10
ACF1107	7	9/32"	11	7/16"	14,2	9/6"	105	4 1/8"	70	2 49/64"	8,3	21/64"	25,4	1 11/64"	6840	15,1	10
ACF1108	8	5/16"	11	7/16"	16	41/64"	113	4 7/16"	76	3 1/64"	8,7	11/32"	32,1	1 17/64"	8650	19,3	10
ACF1395		3/8"	12,7	1/2"	17,8	45/64"	135	5 21/64"	89	3 33/64"	9,5	3/8"	38,9	1 17/32"	10200	27,5	10
ACF1410	10		14		20	25/32"	163	6 13/32"	102	4 1/64"	9,5	3/8"	45,2	1 25/32"	13647	44,7	5
ACF1411		7/16"	14	9/16"	20	25/32"	163	6 13/32"	102	4 1/64"	9,5	3/8"	45,2	1 25/32"	12600	43,2	5
ACF1612	12		16		21,4	27/32"	176	6 15/16"	119	4 45/64"	11,9	15/32"	48,4	1 29/32"	14210	50,6	5
ACF1613		1/2"	16	5/8"	21,4	27/32"	176	6 15/16"	119	4 45/64"	11,9	15/32"	48,4	1 29/32"	12980	48,6	5



## DOUBLE THREADED PIN

High Polished Stainless Steel - AISI 316

Art. No.	Thread G1	Thread G2	D1	D2	KW	L1	L2	BL/KG	KG/100	PACK
930408AHV	5/16"	5/16" LH	8	2,8	6	130	57	2200	4,8	10
930610AHV	3/8"	3/8" LH	10	2,8	8	144	63	3400	7,8	10
930711AHV	7/16"	7/16 LH	12	3,5	10	157	68	4600	11,8	10
930812AHV	1/2"	1/2" LH	13	3,5	11	181	80	6100	17,6	10
931016AHV	5/8"	5/8" LH	17	4,5	15	223	100	9900	34,5	5



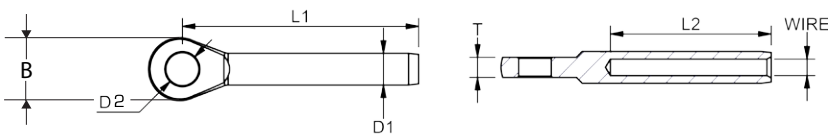
## EYE TERMINAL

High Polished Stainless Steel - AISI 316

ART. NO.	WIRE	B	D1	D2	L1	L2	T	BL	KG/100	PACK	
190002	2	1/16"	12	5,5	5,5	41	24	3	1200 KG	0,9	100
190025	2,5	3/32"	12	5,5	5,5	44	27	3	1000 KG	0,8	100
190003	3	-	14	6,35	6,5	60	38	4	1300 KG	1,3	100
190332	-	1/8"	14	6,35	6,5	60	38	4	1300 KG	1,3	100
190004	4	5/32"	17	7,5	8,5	67	45	5	1700 KG	2,3	100
190005	5	3/16"	21	9	10,5	79	51	6	2400 KG	3,9	25
190055	-	7/32"	21	10,8	10,5	85	59	6	3600 KG	6	25
190006	6	-	25	12,58	13	94	64	8	5500 KG	8,7	10
190006X	6	-	28	12,58	13,2	105	64	10	5500 KG	13,2	10
190063	-	1/4"	25	12,58	13	95	64	8	5200 KG	8,5	10
190063X	-	1/4"	28	12,58	13,2	105	64	10	5200 KG	11	10
190007	7	9/32"	27	14,2	13	104	70	9	6800 KG	11,5	10
190007X	7	9/32"	28	14,2	13,2	110	70	10	6800 KG	13,5	10
190008	8	5/16"	30	16	14,5	124	83	10	8000 KG	17	10
190008X	8	5/16"	36	16	16,5	141	83	12	8000 KG	23,5	10
190095	-	3/8"	35	17,8	16,3	137	89	11	10200 KG	25,3	10
190095X	-	3/8"	40	17,8	19,5	165	100	16	10200 KG	38,1	10
190010	10	-	35	17,8	16,3	137	89	11	9700 KG	25	10
190010BW	10	-	40	17,8	16,3	165	100	16	9700 KG	38	10
190010X	10	-	40	17,8	19,5	165	100	16	9700 KG	38	10
190012	12	-	40	20	19,3	156	105	15	11400 KG	41,5	5
190012X	12	-	42	21,4	19,3	178	120	15	14200 KG	41	5
190013	-	1/2"	42	21,4	19,3	178	120	15	13300 KG	41	5
190014	14	-	47	25	23	206	140	18	15900 KG	75,6	5
190016	16	5/8"	53	28	26	232	160	20	19000 KG	102	5
190019	19	3/4"	65	34,5	28,5	302	200	25	31000 KG	209	BULK
190022	22	7/8"	70	40,4	33	348	230	30	42000 KG	314	BULK
190026	26	1"	80	46	36	400	280	30	53000 KG	425	BULK
190028	28	1 1/8"	84	50	40,5	440	300	38	64000 KG	602	BULK

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

Note: Terminal OD. = 21,4 mm.

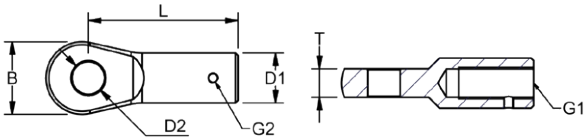


The Blue Wave Eye Terminals all features, engraved wire size, Blue Wave logo, and swage depth marking for faster and easier swaging.



**REMOVABLE EYE SYSTEM INSIDE THREADED EYES**  
High Polished Stainless Steel - AISI 316

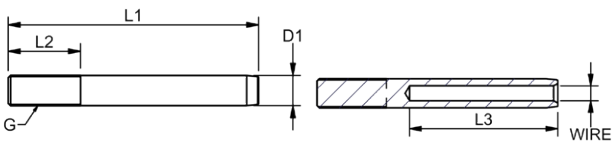
ART. NO.	G1	G2	L	T	B	D1	D2	BL/KG	KG/100	PACK
511908A	5/16"	M4	41	5	17	14	8,5	2200	3,8	BULK
511910A	3/8"	M4	43,0	6	23	15	9,8	3400	5	BULK
511911A	7/16"	M4	58,0	8	24	18	11,2	4600	9,2	BULK
511912A	1/2"	M4	64,0	10	30	20	13	6100	14,3	BULK
511916A	5/8"	M6	78,0	12	36	28	16,5	9900	30,7	BULK
511920A	3/4"	M6	90,0	16	43	30	19,5	14400	42,9	BULK



ART. NO.	WIRE	G	D1	L1	L2	L3	BL/KG	PACK	KG/100
* 510408A	4	5/16"	7,5	68	11	45	1700	BULK	1,9
* 510408	4	M8	7,5	73	12	45	1700	BULK	1,9
* 510508	5	M8	9	82	12	51	2200	BULK	2,9
510508A	5	5/16"	9	81	15	51	2200	BULK	3
510510A	5	3/8"	9	82	20	51	2400	BULK	3,3
510608	6	M8	12,58	96	12	64	2200	BULK	6,9
510611A	6	7/16"	12,58	104	30	64	4600	BULK	7,5
510612A	6	1/2"	12,58	104	30	64	5400	BULK	8,6
510712A	7	1/2"	14,2	115	30	70	6100	BULK	10,3
510812A	8	1/2"	16	123	30	83	6100	BULK	14,1
510816A	8	5/8"	16	123	30	83	8700	BULK	16,8
511016A	10	5/8"	17,8	155	40	105	9700	BULK	21,6
511020A	10	3/4"	17,8	155	40	89	9700	BULK	25,8
511220A	12	3/4"	20	185	50	120	11400	BULK	32,7
511320A	1/2"	3/4"	21,4	185	50	120	12900	BULK	35,5

Note: All breakloads are determined by thread.

\* With key width

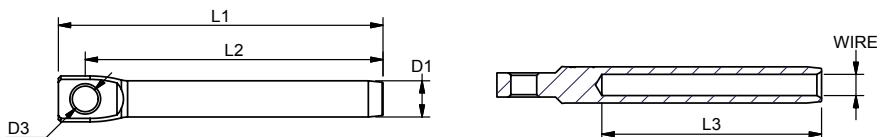


**LIFELINE TERMINALS**

High Polished Stainless Steel - AISI 316

ART. NO.	WIRE	D1	L1	L2	L3	D3	KG/100	PACK
640003	3	6,35	56	51	38	5,3	0,9	20
640032	- 1/8"	6,35	56	51	38	5,3	0,9	20
640004	4 5/32"	7,5	67	61	45	5,3	1,4	20

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

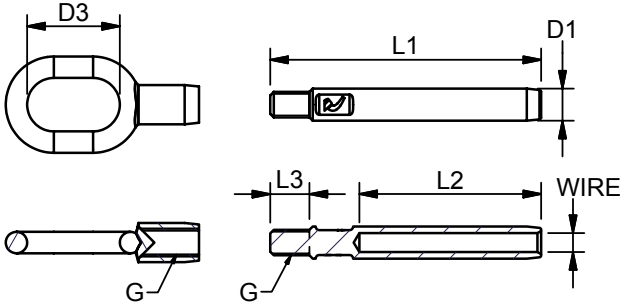


## GUARD RAIL FITTINGS - ROPE TERMINALS

High Polished Stainless Steel - AISI 316

ART. NO.	WIRE	THREAD G	L1	L2	L3	D1	D3	BL/KG	KG/100	PACK	
650003	3	1/8"	5/16"	60	38	10	6,35	26	1300	3,9	20
650004	4	5/32"	5/16"	68	45	11	7,5	26	1700	4,2	20
650005	5	3/16"	5/16"	76	51	11	9	26	2200	4,9	20

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

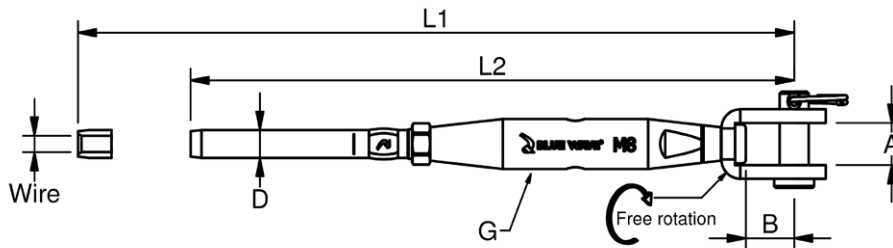


## GUARD RAIL RIGGING SCREW

High Polished Stainless Steel - AISI 316

Features a swivel for/ one side adjustment

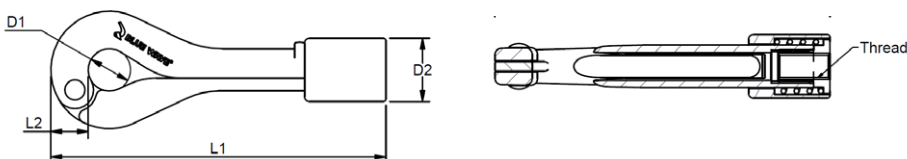
ART. NO.	Thread	WIRE	PIN	A	B	D	L1	L2	BL/KG	KG/100	PACK
120408R	M8	4	8	11	13,5	7,5	206	166	1450	12,5	10
120508R	M8	5	8	11	13,5	9	214	174	2050	13,4	10
120608R	M8	6	8	11	13,5	9	214	174	1520	13	10



## GATE-HOOK

High Polished Stainless Steel - AISI 316

ART. NO.	THREAD	D1	D2	L1	L2	BL/KG	KG/100	PACK
GH06	M6	10	17	81	10	500	9,6	BULK
GH06A	1/4"	10	17	81	10	500	9,5	BULK
GH08	M8	13	19	103	11,5	1200	14,5	BULK
GH08A	5/16"	13	19	103	11,5	1200	14,4	BULK



This top of the line Gate-Hook, is one hand operated and based on the "over the center" principal where the load is carried on the body.



Community Design Registration 8/8 2019  
design reg. -006691655-0001

## TOGGLE TERMINALS

High Polished Stainless Steel - AISI 316

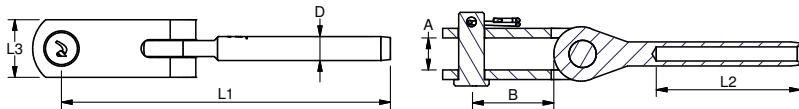
ART. NO.	WIRE	PIN SIZE	A	B	D	L1	L2	L3	BL/KG	KG/100	PACK
500503G	3		7	12	6,35	78	38	12	1000	3,1	10
500532G	1/8"	5	7	12	6,35	78	38	12	1000	3,1	10
500504G	4 5/32"	5	7	12	7,5	85	45	12	1000	3,5	10
506304G	4 5/32"	6,35	10	14	7,5	91	45	12	1300	4,8	10
506305G	5 3/32"	6,35	10	14	9	99	51	12	1300	5,7	10
** 506306G	6	6,35	10	14	9	85	40	12	1300	6,9	10
500603	3	6,35	10	17	6,35	81	38	14	1300	4,3	10
500632	1/8"	6,35	10	17	6,35	81	38	14	1300	4,3	10
500804	4 5/32"	8	11	25	7,5	94	45	18	1700	7,3	10
509505	5 3/16"	9,5	13	27	9	116	51	23	2400	13,8	10
509555	7/32"	9,5	13	27	10,8	124	59	23	3900	16	10
501106X	6	11	15	29	12,58	135	64	30	4700	27,3	10
501163X	1/4"	11	15	29	12,58	135	64	30	4700	27,1	10
501206X	6	12,7	18	33	12,58	151	64	30	5400	33,4	5
501263X	1/4"	12,7	18	33	12,58	151	64	30	5200	33,2	5
501207X	7 9/32"	12,7	18	33	14,2	157	70	30	6500	35,7	5
501308	8 5/16"	12,7	18	33	16	170	83	30	6500	37,5	5
501608X	8 5/16"	15,9	20	41	16	198	83	35	8500	59,7	5
501610	10	15,9	20	41	17,8	192	89	35	9600	64,3	5
501695	3/8"	15,9	18	41	17,8	177	89	35	10200	61,2	5
501995X	3/8"	19	24	43	17,8	228	100	40	10200	100,1	BULK
501910X	10	19	24	43	17,8	228	100	40	9600	100	BULK
* 501912X	12	19	24	43	21,4	240	120	40	14200	103	BULK
* 501913	1/2"	19	24	43	21,4	240	120	40	12900	103	BULK
502214	14	22	26	47	25	277	140	50	16000	170,2	BULK
502516	16 5/8"	25,4	29	60	28	313	160	60	19400	265,5	BULK
502819	19 3/4"	28	34	63	34,5	399	200	60	27000	512	BULK
503222	22 7/8"	32	40	73	40,4	463	230	75	34000	570	BULK
503526	26 1"	36	44	80	46	518	280	85	45000	750	BULK
504028	28	40,0	48	100	50	588	300	95	64000	1109	BULK

Note: All breakloads are determined by clevis pin

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

\* Note: Terminal OD. = 21,4 mm

\*\* Note: Terminal OD = 9 mm / for 5 mm Die



The Blue Wave Toggle Terminals all features, engraved wire size, Blue Wave logo, and swage depth marking for faster and easier swaging.



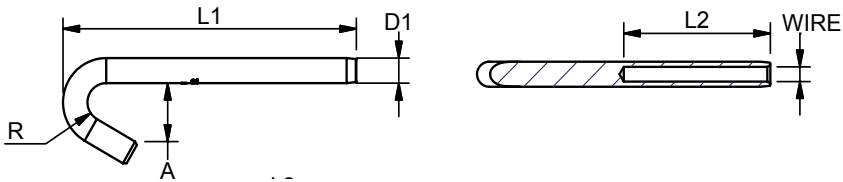


## HOOK TERMINALS

High Polished Stainless Steel - AISI 316

ART. NO.	WIRE	D1	L1	L2	A	R	KG/100	PACK
630025	2,5 3/32"	6,35	68,5	27	12	8	1,9	20
630003	3 1/8"	6,35	73	38	12	8	2	20
630004	4 5/32"	7,5	90	45	18	11,5	3,3	20

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

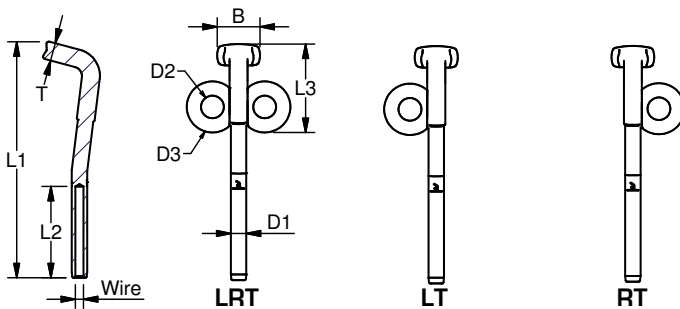


The Blue Wave Hook Terminals all features, engraved wire size, Blue Wave logo, and swage depth marking for faster and easier swaging.

## T TERMINAL EYE

High Polished Stainless Steel - AISI 316

ART. NO.	WIRE	B	D1	D2	D3	L1	L2	L3	T	KG/100
610025LRT	2,5 - 3/32"	15	5,5	8	18	78	27	31	6,3	2,7
610003LRT	3 - 1/8"	15	6,35	8	18	88	38	31	6,3	3
610025RT	2,5 - 3/32"	15	5,5	8	18	78	27	31	6,3	2,4
610003RT	3 - 1/8"	15	6,35	8	18	88	38	31	6,3	2,7
610025LT	2,5 - 3/32"	15	5,5	8	18	78	27	31	6,3	2,4
610003LT	3 - 1/8"	15	6,35	8	18	88	38	31	6,3	2,7

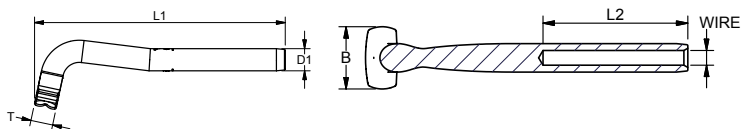


## "T" TERMINALS

High Polished Stainless Steel - AISI 316

ART. NO.	WIRE	D1	B	T	L1	L2	KG/100	PACK
610002	2	5,5	15	6,3	75	24	1,5	20
610025	2,5 3/32"	5,5	15	6,3	77	27	1,5	20
610003	3	6,35	15	6,3	88	38	2	20
610032	1/8"	6,35	15	6,3	88	38	2	20
610004	4 5/32"	7,5	16,5	7,5	101	45	4	20
610005	5 3/16"	9	18,5	9	112	51	6,5	20
610055	7/32"	10,8	27,5	12,6	130	59	12,2	20
610006	6	12,58	27,5	12,58	138	64	15	20
610006S	6	12,8	27,8	12,58	132	64	15	20
610063	1/4"	12,58	27,5	12,58	138	64	15	10
610007	7 9/32"	14,2	29	14,2	144	70	17	10
610007S	7	14,2	30	14,2	139	70	17	10
610008	8 5/16"	16	34	16	184	83	31,5	10
610008S	8	16	33,5	16	171	83	31,5	10
610095	3/8"	17,8	36	17,8	214	89	44	10
610010	10	17,8	36	17,8	214	89	43,6	10

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



"S" model  
with  
long neck

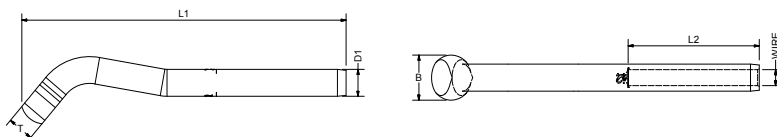
The Blue Wave "T" Terminals all features, engraved wire size, Blue Wave logo, and swage depth marking for faster and easier swaging.

## SHROUD TERMINALS

High Polished Stainless Steel - AISI 316

ART. NO.	WIRE	D1	B	T	L1	L2	KG/100	PACK	FITS BW backing plated	FITS Nautec backing plates
SH610003	3	6,35	13,5	6,35	78,8	38	2,1	20	616103	
SH610032	1/8"	6,35	13,5	6,35	78,8	38	2,1	20	616106	
SH610004	4 5/32"	7,5	15,4	7,5	91,5	45	3,1	20	616105	
SH610005	5 3/16"	9	18,4	9	105,4	51	5,2	20	616105	
SH610006	6	12,58	21,5	12,58	150,4	64	14,8	20		N841-M06
SH610007	7 9/32"	14,2	26,3	14,2	150,9	70	19,4	20		N841-M07
SH610008	8 5/16"	16	30,4	16	166	83	27,6	10		N841-M08
SH610010	10	17,8	32	17,8	187,9	89	37,9	10		N841-M10
SH610012	12	21,4	38	21,4	254	105	71,1	10		N841-M12

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

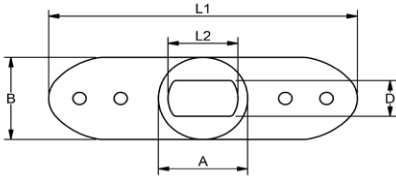


The Blue Wave Shroud Terminals all features, engraved wire size, Blue Wave logo, and swage depth marking for faster and easier swaging.

## BACK PLATE FOR SHROUD TERMINALS

High Polished Stainless Steel - AISI 316

ART. NO.	WIRE DM	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

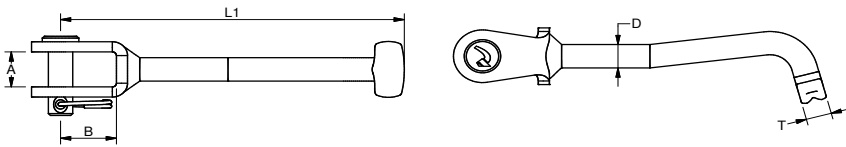


For Blue Wave Shroud Terminals.

## "T" FORK

High Polished Stainless Steel - AISI 316

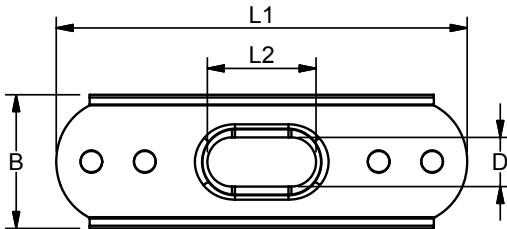
ART. NO.	PIN	A	B	D	L1	T	KG/100	PACK
613406	6	9,5	13	6,4	83,5	6,35	3,8	BULK
613408	8	11	15	7,5	93	7,5	7,4	BULK
613495	9,5	12	19	9	104	9	11,5	BULK
613412	12	14	25	12,6	130	12,58	22,3	BULK



## BACK PLATES FOR "T" TERMINALS

Polished Stainless Steel - AISI 316

ART. NO.	WIRE DIM.	ROD DIM	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.

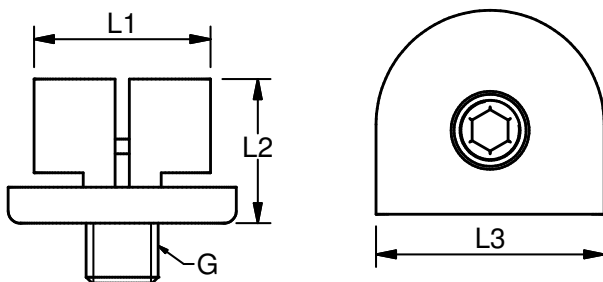
## PLUGS FOR T-BACK PLATES

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 and selden ones. Locks with an allen key



Community Design Registration 2012  
design reg. -003387497-0001

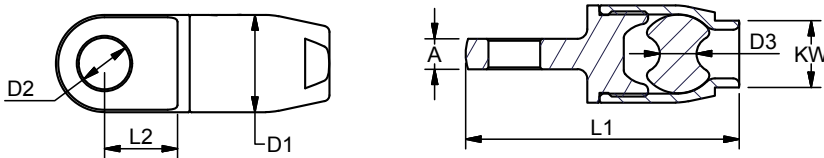


## ROPE EYE

Polished Stainless Steel - AISI 316

ART. NO.	SIZE	A	D1	D2	D3	KW	L1	L2	L3	BL/KG	KG/100
RP820804	Ø4	5	16	8,5	8	11	45	12	27	1900	3,8
RP821005	Ø5	6	21	10,5	12	16	58,5	14,5	35	3200	8,5
RP821206	Ø6	9	25	13	14	19	71	17,5	42	5500	15,5
RP821408	Ø8	10	39	14,5	20	29	103,5	29,5	62	9400	47,2
RP821610	Ø10	13	45	16,2	24	33	120	34	70	15000	75,5
RP821912	Ø12	15	54	19,5	30	40	136,5	38	80	18000	117,1
RP822214	Ø14	18	65	23	34	47	163	42	94	26000	207,5
RP822516	Ø16	20	75	26	40	55	192	58	113	32000	302,2

Assemble instruction - see page 13



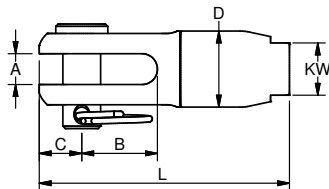
Community Design Registration 14/6 2017  
design reg. -004048098-0004

## ROPE FORK

Polished Stainless Steel - AISI 316

ART. NO.	SIZE	PIN	A	B	C	D1	D2	D3	KW	L1	L2	BL/KG	KG/100
RP840804	4	8	6,5	16	9	16	6	8	11	53	34	1900	6,4
RP841005	5	9,5	9	21	11	21	8	12	16	67	43	3200	12,3
RP841206	6	12,7	11	26	13,5	25	10	14	19	83	53	5500	21,9
RP841608	8	16	14	32	17	39	16	20	29	110	68	8000	59,6
RP841910	10	19	18	35	21	45	18	24	33	128	77	11000	96,1

Assemble instruction - see page 13



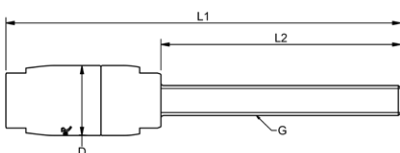
Community Design Registration 14/6 2017  
design reg. -004048098-0001

## ROPE THREAD, SMALL - FOR GUARD RAIL AND GATEHOOK

Polished Stainless Steel - AISI 316

ART. NO.	SIZE	G	D	L1	L2	BL/KG	KG/100
RP800406K	4	M6	14	56	25	1100	3,4
RP800406S	4	M6	14	79	48	1100	3,9
RP800508K	5	M8	17	64	30	1700	5,4
RP800508S	5	M8	17	91	57	1700	6,5
RP800608K	6	M8	18	67	30	2200	6,3
RP800608S	6	M8	18	94	57	2200	7,4
RP801008K	12	M8	20	85	30	2500	10,7
RP801208XS	12	M8	20	112	57	2500	11,9

Assemble instruction - see page 13



Community Design Registration 14/6 2017  
design reg. -004048098-0003

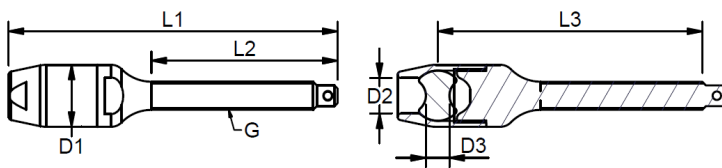
## ROPE THREAD

Polished Stainless Steel - AISI 316

ART.NO.	Size	G	D1	D2	D3	L1	L2	L3	BL/KG	KG/100
RP800406A	4	1/4"	16	8	6	87	48	70	1300	5,1
RP800408A	4	5/16"	16	8	6	95	57	48	1900	6,2
RP800508A	5	5/16"	21	12	8	106	57	86	2200	10,7
RP800510A	5	3/8"	21	12	8	111	63	90	3200	12,1
RP800610A	6	3/8"	25	14	10	122	63	98	2850	18,2
RP800611A	6	7/16"	25	14	10	126	68	102	3850	20,1
RP800612A	6	1/2"	25	14	10	138	80	113	5150	22,9
RP800812A	8	1/2"	39	20	16	163	80	130	5150	55,9
RP800816A	8	5/8"	39	20	16	182	100	149	8250	64,5
RP801020A	10	3/4"	45	24	18	216	120	178	12050	102,8

Larger sizes on request.

**Assemble instruction - see page 13**



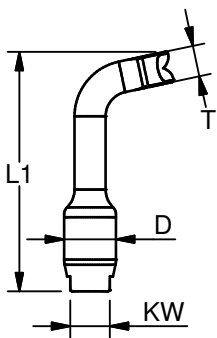
Community Design Registration 14/6 2017  
design reg. -004048098-0003

## ROPE "T"

Polished Stainless Steel - AISI 316

ART.NO.	Size	D1	D2	D3	T	L1	L2	KW	BL/KG	KG/100
RP867504	4	16	8	6	7,5	66	49	11	1500	5,3
RP860904	4	16	8	6	9	72	53	11	1900	6,6
RP860905	5	21	12	8	9	82	60	16	2800	10,1
RP861205	5	21	12	8	12,6	97	71	16	3200	15,8
RP861206	6	25	14	10	12,6	109	91	19	5000	21,9
RP861406	6	25	14	10	14,2	115	85	19	5500	25,3
RP861608	8	39	20	16	16	151	110	29	8000	61,2
RP861808	8	39	20	16	17,8	154	112	29	9400	67,3

**Assemble instruction - see page 13**



Community Design Registration 14/6 2017  
design reg. -004048098-0005

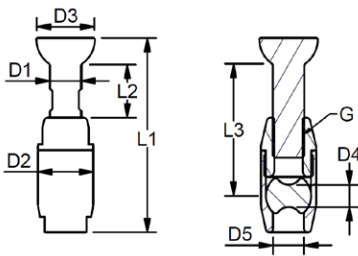
## ROPE BALL

Polished Stainless Steel - AISI 316

ART.NO.	Size	D1	D2	D3	D4	D5	G	L1	L2	L3	BL/KG	KG/100
RP621404	4	7,5	16	14,6	6	8	5/16"	60	19	42	1900	5,2
RP621604	4	7,5	16	16	6	8	5/16"	60	19	42	1900	5,4
RP621904	4	9	16	19	6	8	3/8"	60	18	40	1900	6,5
RP621405	5	9	21	14,6	8	12	3/8"	66	18	45	3200	9,4
RP621905	5	9	21	19	8	12	3/8"	68	18	45	3200	10,2
RP622005	5	12,6	21	20	8	12	1/2"	70	19	48	3200	11,8
RP622105	5	12,6	21	21,3	8	12	1/2"	70	19	48	3200	12,1
RP622006	6	12,6	25	20	10	14	1/2"	76	20	51	5500	17,1
RP622106	6	12,6	25	21,3	10	14	1/2"	76	19	51	5500	17,4
RP622606	6	14,2	25	26,5	10	14	9/16"	88	23	59	5500	21,9
RP622608	8	16	39	26,3	16	20	5/8"	119	31	82	8250	57
RP622708	8	17,8	39	27,5	16	20	3/4"	120	31	83	9400	58,9

Larger sizes on request.

Assemble instruction - see page 13



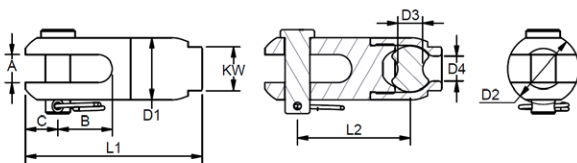
Community Design Registration 14/6 2017  
design reg. -004048098-0002

## ROPE FORK

Anodized Aluminium - With AISI 316L PIN

ART. NO.	SIZE	PIN	A	B	C	D1	D2	D3	D4	KW	L1	L2	BL/KG	KG/100
RA840804	4	8	9	17,5	10,5	20	23	8	8	14	57	36	2800	4,3
RA841105	5	11,1	11	23	14	24	29	10	12	17	79	50	4300	9,6
RA841306	6	12,7	14	27	16	27	35	11	14	21	90	57	6100	13,6

Assemble instruction - see page 13



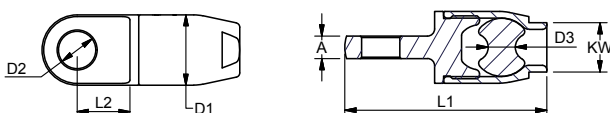
Community Design Registration 14/6 2017  
design reg. -004048098-0001

## ROPE EYE

Anodized Aluminium

ART. NO.	SIZE	A	D1	D2	D3	D4	L1	L2	L3	BL/KG	KG/100
RA820804	4	8	19	8,5	8	8	48	12	28	2800	2,2
RA821105	5	10	24	11,5	10	12	66	16	39	4300	4,8
RA821206	6	13	27	13,0	11	14	75	18	45	6100	7,5
RA821608	8	16	40	16,5	16	20	106	29	62	8900	19,8
RA821910	10	19	45	19,3	18	24	122	34	72	12200	29
RA822212	12	21	54	22,5	21	30	141	38	82	16900	45,6
RA822514	14	24	65	26	26	34	168	42	97	24600	80,6
RA822816	16	26	76	28,5	30	40	201	57	119	33500	128,3

Assemble instruction - see page 13

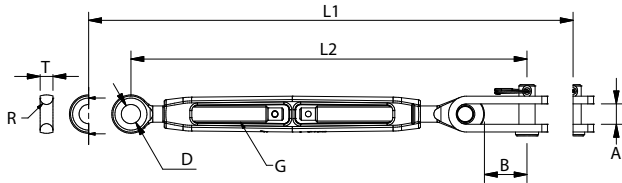


Community Design Registration 14/6 2017  
design reg. -004048098-0004

## ROPE RIGGING SCREW

Polished Stainless Steel - AISI 316

ART. NO.	THREAD G	ROPE	PIN	A	B	D	L1	L2	R	T	B.L. KG.	KG/100	PACK
331906AF	1/4"	3mm	6,35	8	17	7,5	215	155	2,5	5	1300	11,2	10
331908AF	5/16"	4mm	8	10	20	9,5	267	191	4	8	2200	20,2	10
331910AF	3/8"	5mm	9,5	12	26	13,5	307	225	5	12	3400	35,3	10
331911AF	7/16"	6mm	11,1	15	28	13,5	342	254	5	12	4600	53	10
331912AF	1/2"	7mm	12,7	18	35	17,5	380	276	7	16	6100	78,6	BULK
331916AF	5/8"	8mm	16	20	41	17,5	478	342	7	16	9900	133,5	BULK

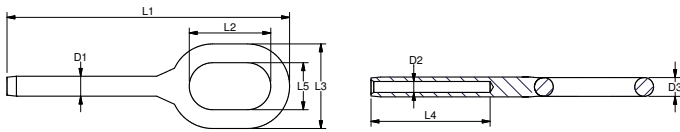


## ROPE TERMINAL

Polished Stainless Steel - AISI 316

ART. NO.	WIRE SIZE	L1	L2	L3	L4	L5	D1	D2	D3	BL/KG	KG/100	PACK
651025	2,5	77	26	27,2	27	15	5,5	2,8	6	800	2,6	BULK
651003	3	90	26	27,2	38	15	6,35	3,5	6	1300	2,9	BULK
651004	4	96	26	27,2	45	15	7,5	4,4	6	1700	3,4	BULK

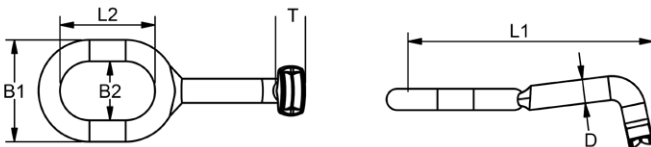
Note: All break loads are determined by ring & terminal



## "T" ROPE EYE

Polished Stainless Steel - AISI 316

ART. NO.	ROPE SIZE	B1	B2	D	L1	L2	T	BL/KG	KG/100	PACK
616506	3	27	15	6,35	81,5	26	6,3	800	3,8	BULK
616507	4	27	15	7,5	85	26	7,5	1800	4,1	BULK
616509	5	38	22	9	99,5	34	9	2800	8,7	BULK
616512	6	38	22	12,58	109	34	12,58	4100	10,2	BULK



The "T" Rope eye is used for replacing existing wire rig with fiber rope.



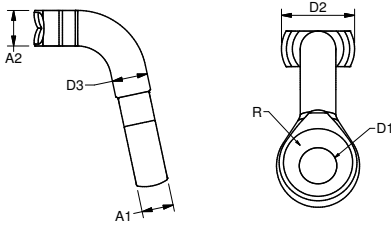


## SMALL "T" ROPE EYE

Polished Stainless Steel - AISI 316

ART. NO.	ROPE	A1	A2	D1	D2	D3	R	FITS IN ART NO.	KG/100	PACK
616506F	Ø3	5	6,35	7,5	15	6,35	2,5	616103	1,4	10
616507F	Ø4	6,5	7,5	9,6	18	7,5	3,25	616105	3,1	10
616508F	Ø4	8	9	9,5	18,5	9	4	616105	3,9	10
616512F	Ø5-Ø6	10	14	13,5	29	14	5	616107	12,1	10
616516F	Ø7-Ø8	14	18	17,5	35,5	18	7	616110	27	10

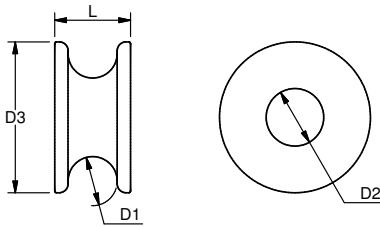
The rope T-eyes fits standard T-backing plates. - Existing wire rigs can be replaced with fiber ropes.



## WHEEL THIMBLE

Polished Stainless Steel - AISI 316

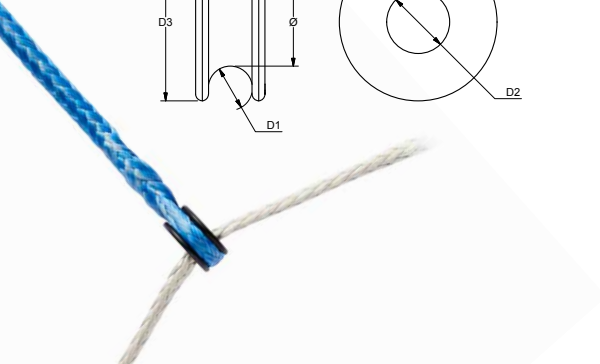
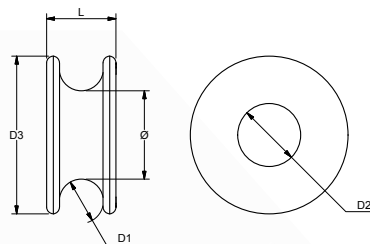
ART. NO.	ROPE SIZE	D1	D2	D3	L	KG/100
RP1105	3-5	5	5,3	15,5	7,3	0,5
RP1106	4-6	6	6,5	17,5	9,2	0,8
RP1108	5-7	7	8,3	21,5	10,8	1,3
RP1110	6-8	8	10,3	25,5	12,8	2,2



## LOW FRICTION RING

Black hard anodized 6061 aluminium

ART. NO.	ROPE SIZE	Ø	D1	D2	D3	L	KG/100
RA1105	4-5	11	5	7	18	9	0,1
RA1107	6-7	15	7	10	25	12	0,2
RA1110	8-10	19	10	14	35	15	0,6
RA1114	12-14	28	14	20	50	22	1,4



## BLUE WAVE BALL TERMINALS

Polished Stainless Steel - AISI 316

ART. NO.	WIRE	D1	D2	L1	L2	KG/100	PACK	
620003	3	-	6,35	13	58	38	1,1	20
620032		1/8"	6,35	13	58	38	1,1	20
620004	4	5/32"	7,5	16	69	45	2,4	20
620005	5	3/16"	9	19	79	51	3,8	20
620055	-	7/32"	10,8	20	85	58	4	20
620055X	-	7/32"	12,58	20	90	58	8,2	20
620006	6	-	12,58	20	90	64	7,9	20
620006X	6	-	12,58	21,3	90	64	8,2	20
620063	-	1/4"	12,58	20	90	64	8,5	20
620007	7	9/32"	14,2	21,3	94	70	10	20
620008	8	5/16"	16	26,3	116	83	16,9	10
620095	-	3/8"	17,8	27,5	126	89	23,5	10
620010	10	-	17,8	27,5	129	89	23,5	10
620010X	10	-	17,8	28,5	129	89	21,6	10
620012	12	-	20	28	145	105	26,7	5
620012X	12	-	21,4	29,3	160	120	27	5
620010A	10	-	17,8	31,6	128	89	23,5	BULK
620012A	12	-	21,4	35,6	165	120	26,7	BULK
620014A	14	-	25	40,2	195	140	58,5	BULK
620016A	16	-	28	44,6	210	160	71,6	BULK

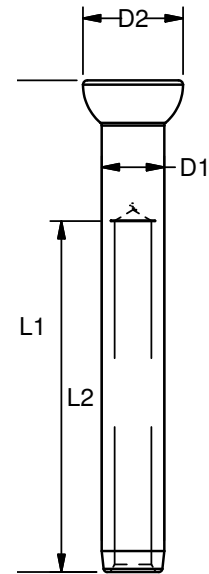
Note: "A" marked Stemball terminals are for tip cup use, delivery and price on request!



## BALL TERMINALS

Polished Stainless Steel - AISI 316

ART. NO.	WIRE	D1	D2	L1	L2	FITS COUQUILLE	BL//KG	KG/100	PACK
620004V	4 - 5/32"	7,5	20,8	70	45	VMG 42034506	1700	3,6	20
620005V	5 - 3/16"	9	20,8	77	51	VMG 42034506	2400	4,5	20
620055V	7/32"	10,8	20,8	86	58	VMG 42034506	3900	6,3	20
620006V	6	12,6	26,5	93	64	VMG 42034708	4500	10,5	20
620063V	1/4"	12,6	26,5	93	64	VMG 42034708	4400	10,2	20
620007V	7 - 9/32"	14,2	26,5	102	70	VMG 42034708	5700	13	20
620008V	8 - 5/16"	16	28,5	118	83	VMG 42034010	7200	18,3	10
620095V	3/8"	17,8	28,5	140	100	VMG 42034010	8500	24,1	10
620010V	10	17,8	28,5	140	100	VMG 42034010	8100	23,4	10
620012V	12	20	28,5	166	120	VMG 42034012	9500	31,7	5
620004Z	4 - 5/32"	7,5	14,6	70	45	Z Spar 423	1700	2,3	20
620005Z	5 - 3/16"	9	14,6	77	51	Z Spar 423	2400	3,4	20
620055Z	7/32"	10,8	21,3	86	58	Z Spar 428	3900	6,5	20
620006Z	6	12,6	21,3	90	64	Z Spar 428	5400	8,5	20
620063Z	1/4"	12,6	21,3	90	64	Z Spar 428	5200	8,2	20
620007Z	7 - 9/32"	14,2	26,5	102	70	Z Spar 424	5700	12,8	20
620008Z	8 - 5/16"	16	26,5	116	83	Z Spar 424	7200	17,1	10
620095Z	3/8"	17,8	28,5	140	100	Z Spar 426	8500	24,2	10
620010Z	10	17,8	28,5	140	100	Z Spar 426	8100	23,6	10
620004S	4 - 5/32"	7,5	15,6	70	45	Sparecraft 3100 1080 044	1700	2,5	20
620005S	5 - 3/16"	9	19,3	77	51	Sparecraft 3100 1080 054	2400	4,1	20
620055S	7/32"	10,8	22,3	86	58	Sparecraft 3100 1080 064	3600	6,7	20
620006S	6	12,6	22,3	90	64	Sparecraft 3100 1080 064	5400	8,7	20
620063S	1/4"	12,6	22,3	90	64	Sparecraft 3100 1080 064	5200	8,5	20
620007S	7 - 9/32"	14,2	22,3	102	70	Sparecraft 3100 1080 074	6800	11,6	20
620008S	8 - 5/16"	16	29,3	116	83	Sparecraft 3100 1080 084	7200	18,6	10
620095S	3/8"	17,8	29,3	140	100	Sparecraft 3100 1080 104	8500	24,6	10
620010S	10	17,8	29,3	140	100	Sparecraft 3100 1080 104	8100	23,9	10
620012S	12	20	29,3	168	120	Sparecraft 3100 1080 104	9500	32,7	5

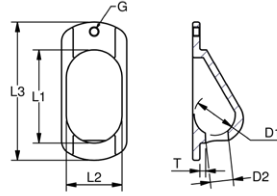


The Blue Wave Stemball Terminals feature engraved size, logo, and swage depth marking for faster and easier swaging.

## COQUILLE

Polished Stainless Steel - AISI 316

ART. NO.	L1	L2	L3	G	KG/100	WIRE	PACK
Q620506	47	29	72	M5	9,7	4 + 5 7/32"	10
Q620708	60	36	90	M5	20,9	6 + 1/4" + 7	10
Q620010	88	50	146	M5	48,2	8 + 3/8" + 10	5
Q620012	88	50	146	M8 (2x)	50	12,0	5

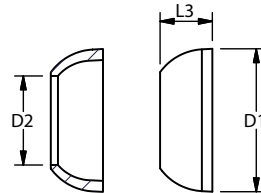


Suited for "VMG" ball terminals, see page 50

## BALL CUP

Polished Stainless Steel - AISI 316

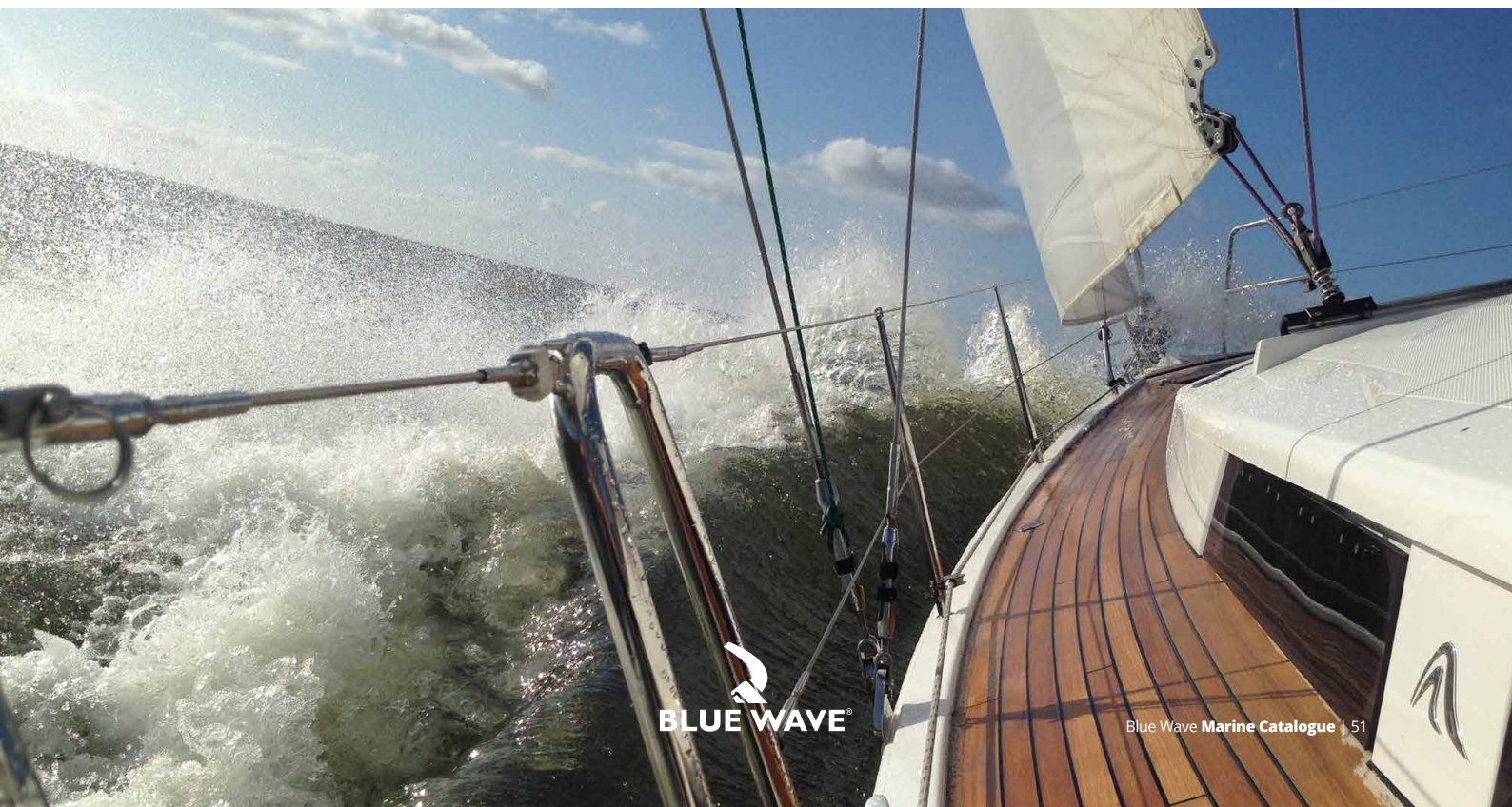
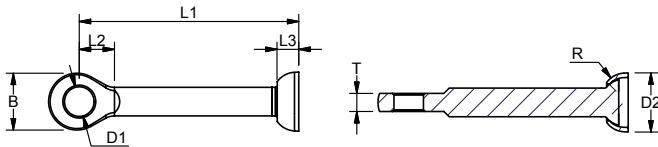
ART. NO.	WIRE	D1	D2	L3	KG/100	PACK PCS.
626204	3-4	26	9	11	1	20
626205	5	26	11,25	11	1	20
626207	6-7	26	16	9,5	1	20
626212	8-10	34	20	12	1,5	10
626212X	12	34	21,4	12	1,5	ON REQUEST



## BALL - EYE

High Polished Stainless Steel - AISI 316

ART. NO.	WIRE	B	D1	D2	L1	L2	L3	T	R	KG/100	PACK
19620926	5	21	10,5	26	83	16	11	6	10	6,9	BULK
19621226	6	25	13	26	98,5	15,5	11	8	10	12,2	BULK
19621426	7	27	13	26	106	18,5	10	9	10	16,6	BULK
19621634	8	30	16,5	34	128	21,5	12	10	15	24,9	BULK

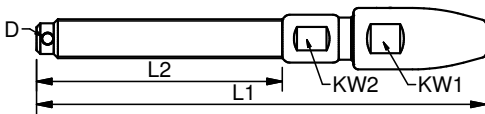


## SWAGELESS CONE THREAD TERMINALS UNF

Polished Stainless Steel - AISI 316

ART. NO.	WIRE	THREAD	D	KW1	KW2	L1	L2	BL/KG	KG/100	
SC800408A	4	5/32"	5/16"	2,8	12	8	104	57	2200	5,4
SC804708A		3/16"	5/16"	2,8	14	10	110	57	2200	7,6
SC804710A		3/16"	3/8"	2,8	14	10	115	6	2800	8,8
SC800508A	5		5/16"	2,8	14	10	110	57	2200	7,6
SC800510A	5		3/8"	2,8	14	10	115	63	2800	8,8
SC805510A		7/32"	3/8"	2,8	17	10	131	63	3400	13,4
SC805511A		7/32"	7/16"	3,5	17	13	135	70	4600	15,2
SC800611A	6		7/16"	3,5	17	13	135	70	4600	15,1
SC800612A	6		1/2"	3,5	17	13	144	80	5000	17,6
SC806311A		1/4"	7/16"	3,5	17	13	135	70	4600	15,1
SC806312A		1/4"	1/2"	3,5	17	13	144	80	5000	17,6
SC800711A	7	9/32"	7/16"	3,5	19	15	146	70	4600	20,2
SC800712A	7	9/32"	1/2"	3,5	19	15	154	80	6000	22,7
SC800812A	8	5/16"	1/2"	3,5	22	17	165	80	6100	30
SC800816A	8	5/16"	5/8"	4,5	22	17	184	100	8000	36,9
SC809516A		3/8"	5/8"	4,5	27	19	200	100	9900	52,4
SC809520A		3/8"	3/4"	4,5	27	19	218	120	11000	63,4
SC801016A	10		5/8"	4,5	27	19	200	100	9900	52,3
SC801020A	10		3/4"	4,5	27	19	218	120	11000	63,3
SC801120A		7/16"	3/4"	4,5	33	24	243	120	14400	99,9
SC801220A	12		3/4"	4,5	33	24	243	120	14400	99,4
SC801222A	12		7/8"	5,5	33	24	262	140	17000	114,9
SC801320A		1/2"	3/4"	4,5	33	24	243	120	14400	98,9
SC801322A		1/2"	7/8"	5,5	33	24	262	140	17000	114,4
SC801422A	14	9/16"	7/8"	5,5	37	27	274	140	19600	140,3
SC801625A	16	5/8"	1"	5,5	42	32	318	170	21400	203,3
SC801927A	19	3/4"	1 1/8"	5,5	44	34	344	180	27600	264,8
SC802230A	22	7/8"	1 1/4"	5,5	50	41	392	200	34600	387,8
SC802636A	26	1"	1 3/8"	5,5	66	50	446	220	42400	692,2

Assemble instruction - see page 12



Secure, reliable and corrosion resistant swageless end fitting. Ideal for emergency repairs and any other job which normally requires professional swaging. Designed for 1x19 wire construction.

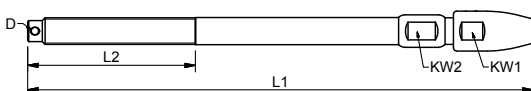
For Swageless cone terminals designed for compacted and Dyform wire see page 55

## LONG SWAGELESS CONE THREAD TERMINALS UNF

Polished Stainless Steel - AISI 316

ART. NO.	WIRE	THREAD	D	KW1	KW2	L1	L2	BL/KG	KG/100	
SC805511AL	7/32"	7/16"	3,5	17	13	237	70	4600	24,4	
SC800611AL	6	7/16"	3,5	17	13	237	70	4600	24,3	
SC806311AL		1/4"	3,5	17	13	237	70	4600	24,3	
SC800612AL	6	1/2"	3,5	17	13	241	80	5000	27,9	
SC806312AL		1/4"	3,5	17	13	241	80	5000	27,9	
SC800711AL	7	9/32"	7/16"	3,5	19	15	255	70	4600	30,1
SC800712AL	7	9/32"	1/2"	3,5	19	15	263	80	6000	34,3
SC800812AL	8	5/16"	1/2"	3,5	22	17	293	80	6100	43,6
SC800816AL	8	5/16"	5/8"	4,5	22	17	312	100	8000	57,7
SC809516AL		3/8"	5/8"	4,5	27	19	343	100	9900	75,6
SC801016AL	10		5/8"	4,5	27	19	343	100	9900	75,5
SC809520AL		3/8"	3/4"	4,5	27	19	361	120	11000	99,5
SC801020AL	10		3/4"	4,5	27	19	361	120	11000	99,4
SC801220AL	12		3/4"	4,5	33	24	411	120	14400	141,3
SC801320AL		1/2"	3/4"	4,5	33	24	411	120	14400	140,7
SC801222AL	12		7/8"	5,5	33	25	444	140	17000	175,6
SC801322AL		1/2"	7/8"	5,5	33	25	444	140	17000	175

Assemble instruction - see page 12

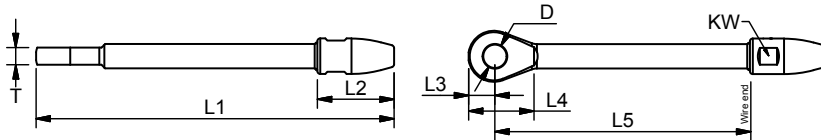


## LONG SWAGELESS CONE EYE TERMINALS

High Polished Stainless Steel - AISI 316

ART. NO.	WIRE	D	T	KW	L1	L2	L3	L4	L5	BL/KG	KG/100
SC821355L	7/32"	13	10	17	188	38	14	34	136	5000	21,9
SC821306L	6	13	10	17	188	38	14	34	136	5000	21,8
SC821363L	1/4"	13	10	17	188	38	14	34	136	5000	21,8
SC821307L	7	9/32"	13	10	19	212	46	15	38	153	31,6
SC821608L	8	5/16"	16,5	12	22	252	54	19	46	180	53,4
SC821995L	3/8"	19,5	16	27	319	64	21	53	235	11000	94,6
SC821910L	10	19,5	16	27	319	64	21	53	235	11000	94,5
SC821912L	12	19,5	16	33	362	82	21	56	262	17000	152
SC821913L	1/2"	19,5	16	33	362	82	21	56	262	17000	151,4

Assemble instruction - see page 12

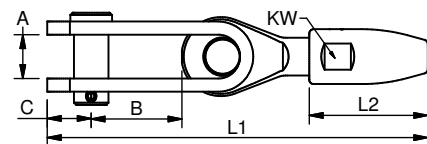


## SWAGELESS CONE TOGGLE TERMINALS

Polished Stainless Steel - AISI 316

ART. NO.	WIRE	PIN	A	B	C	KW	L1	L2	BL/KG	KG/100	
SC830804	4	5/32"	8	10	20	9	12	85	37	2200	8,7
SC831047	3/16"	9,5	12	26	12	14	102	30	2800	16,1	
SC831005	5	9,5	12	26	12	14	102	30	2800	16,1	
SC831355	7/32"	12,7	18	36	18	17	132	38	5000	30,2	
SC831306	6	12,7	18	36	18	17	132	38	5000	30,2	
SC831363	1/4"	12,7	18	36	18	17	132	38	5000	30,2	
SC831307	7	9/32"	12,7	18	35	18	19	145	46	6000	35,8
SC831308	8	5/16"	12,7	18	35	18	22	158	54	6200	42,5
SC831608	8	5/16"	16	20	41	20	22	173	54	8000	64,7
SC831995	3/8"	19	24	45	25	27	202	64	11000	110,3	
SC831910	10	19	24	45	25	27	202	64	11000	110,3	
SC831911	7/16"	19	24	45	25	33	226	82	17000	141,4	
SC831912	12	19	24	45	25	33	226	82	17000	141,4	
SC831913	1/2"	19	24	45	25	33	226	82	17000	141,4	
SC832214	14	9/16"	22	26	48	30	37	247	89	23000	203,2
SC832516	16	5/8"	25,4	29	61	37	42	285	100	28000	310,6
SC832819	19	3/4"	28	34	65	34	44	319	115	30000	413,7
SC833522	22	7/8"	34,8	44	83	41	50	377	125	38000	670,5
SC833526	26	1"	34,8	44	83	41	66	403	150	48000	886,6

Assemble instruction - see page 12



## SCTKIT - SEALING KIT

Thread lubricant and seal for swageless terminal assembly.

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



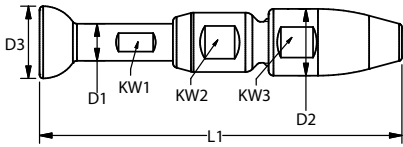
## SWAGELESS CONE BALL-TERMINAL

Polished Stainless Steel - AISI 316

ART. NO.	WIRE 1x19	D1	D2	D3	L1	KW1	KW2	KW3	KG/100
SC621404Z	4	7,5	13,5	14,6	73	6,5	10	12	5,1
SC621604	4	7,5	13,5	16	73	6,5	10	12	5,3
SC621405Z	5	9	16	14,6	77	8	11	14	7,4
SC621905	5	9	16	19	79	8	11	14	8,2
SC622055	7/32"	10,8	19	20	90	9	13	17	12,5
SC622006	6	12,6	19	20	91	11	15	17	13,7
SC622106S	6	12,6	19	21,3	91	11	15	17	14
SC622063	1/4"	12,6	19	20	91	11	15	17	13,7
SC622163S	1/4"	12,6	19	21,3	91	11	15	17	14
SC622107	7	14,2	22	21,3	111	12	16	19	21
SC622607Z	7	14,2	22	26,5	111	12	16	19	22,6
SC622608	8 - 5/16"	16	25	26,3	132	14	18	22	33,1
SC622795	3/8"	17,8	30	27,5	150	15	22	27	52,3
SC622710	10	17,8	30	27,5	150	15	22	27	52,2

Other sizes on request.

**Assemble instruction - see page 12**

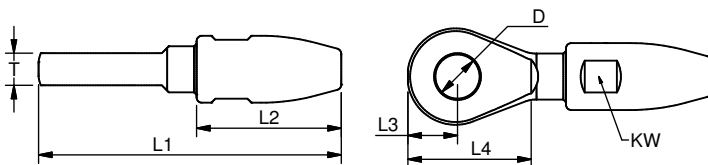


## SWAGELESS CONE EYE TERMINALS

Polished Stainless Steel - AISI 316

ART. NO.	WIRE	D	T	KW	L1	L2	L3	L4	BL/KG	KG/100
SC820804	4 5/32"	8,3	6	12	57	27	9	25	2200	3,7
SC821047	3/16"	10,2	8	14	64	30	11	28	2800	6,2
SC821005	5	10,2	8	14	64	30	11	28	2800	6,2
SC821355	7/32"	13	10	17	78	38	14	34	5000	10,9
SC821306	6	13	10	17	78	38	14	34	5000	10,9
SC821363	1/4"	13	10	17	78	38	14	34	5000	10,9
SC821307	7 9/32"	13	10	19	92	46	15	38	6000	16,5
SC821308	8 5/16"	13	10	22	105	54	14,5	38,5	7000	23,3
SC821608	8 5/16"	16,5	12	22	113	54	19	46	8000	27,7
SC821695	3/8"	16,5	12	27	126	64	19	46	9500	40,5
SC821610	10	16,5	12	27	126	64	19	46	9500	40,5
SC821995	3/8"	19,5	16	27	133	64	21	53	11000	46,7
SC821910	10	19,5	16	27	133	64	21	53	11000	46,7
SC821911	7/16"	19,5	16	33	154	82	21	56	17000	77,8
SC821912	12	19,5	16	33	154	82	21	56	17000	77,8
SC821913	1/2"	19,5	16	33	154	82	21	56	17000	77,8
SC822214	14 9/16"	23	18	37	175	89	25	64	23000	107
SC822516	16 5/8"	26	20	42	187	100	28	69	28000	144,5
SC822819	19 3/4"	28,5	25	44	220	115	33	83	30000	215
SC823522	22 7/8"	35,5	30	50	250	125	40	100	38000	320
SC823526	26 1"	35,5	30	66	280	150	40	100	48000	535

**Assemble instruction - see page 12**



Secure, reliable and corrosion resistant swageless end fitting. Ideal for emergency repairs and any other job which normally requires professional swaging. Designed for 1x19 wire construction

For Swageless cone terminals designed for compacted and Dyform wire see at page 55.

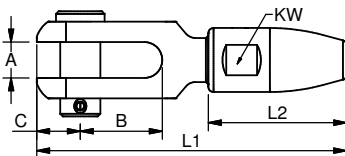
## SWAGELESS CONE FORK TERMINALS

Polished Stainless Steel - AISI 316

ART. NO.	WIRE	PIN	A	B	C	KW	L1	L2	BL/KG	KG/100	
SC840804	4	5/32"	8	6,5	16	9	12	62	27	2200	6,1
SC841047		3/16"	9,5	9	21	11	14	73	30	2800	10,6
SC841005	5		9,5	9	21	11	14	73	30	2800	10,6
SC841355		7/32"	12,7	11	26	13,5	17	90	38	4400	18
SC841306	6		12,7	11	26	13,5	17	90	38	4400	18
SC841363		1/4"	12,7	11	26	13,5	17	90	38	4400	18
SC841307	7	9/32"	12,7	11	29	14,5	19	104	46	6000	26,2
SC841308	8	5/16"	12,7	11	30	13,5	22	112	54	6000	31,7
SC841608	8	5/16"	16	14	32	17	22	120	54	8000	42
SC841995		3/8"	19	18	35	21	27	142	64	11000	70,6
SC841910	10		19	18	35	21	27	142	64	11000	70,6
SC841911		7/16"	19	18	39	21	33	162	82	17000	108,5
SC841912	12		19	18	39	21	33	162	82	17000	108,5
SC841913		1/2"	19	18	39	21	33	162	82	17000	108,5
SC842214	14	9/16"	22	20	45	25	37	187	89	23000	157,2
SC842516	16	5/8"	25,4	22	47	26,5	42	200	100	28000	215,1
SC842819	19	3/4"	28	27	59	32,5	44	236	115	30000	292
SC843522	22	7/8"	34,8	32	72	70	50	275	125	38000	487,4
SC843526	26	1"	34,8	32	72	40	66	292	150	48000	693



Assemble instruction - see page 12



## DYFORM AND COMPACTED SWAGELESS CONE TERMINALS

Polished Stainless Steel - AISI 316

ART. NO.	EYETERMINAL	THREAD TERMINAL	FORK TERMINAL	TOGGLE TERMINAL
4mm 1x7	SC820804C	SC800408AC	SC840804C	SC830804C
5mm 1x19	SC821005C	SC800510AC	SC841005C	SC831005C
6mm 1x19	SC821306C	SC800612AC	SC841306C	SC831306C
7mm 1x19	SC821307C	SC800712AC	SC841307C	SC831307C
8mm 1x19	SC821608C	SC800816AC	SC841608C	SC831608C
10mm 1x19	SC821910C	SC801020AC	SC841910C	SC831910C
12mm 1x19	SC821912C	SC801222AC	SC841912C	SC831912C
14mm 1x19	SC822214D	SC801422AD	SC842214D	SC832214D
14mm 1x36	SC822214C	SC801422AC	SC842214C	SC832214C
16mm 1x19	SC822516D	SC801625AD	SC842516D	SC832516D
16mm 1x36	SC822516C	SC801625AC	SC842516C	SC832516C



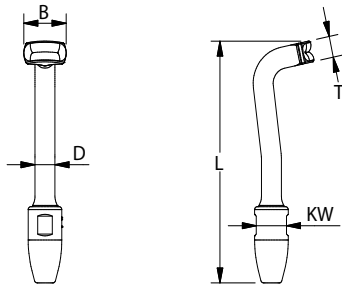
Assemble instruction - see page 12

## SWAGELESS CONE "T" TERMINAL

Polished Stainless Steel - AISI 316

ART. NO.	WIRE 1X19	B	D	T	L	KW	BL/KG	KG/100
SC867504	Ø4 - 5/32"	16,5	7,5	7,5	85	12	2200	4,9
SC860905	Ø5 - 3/16"	18,5	9	9	100	14	2800	8,1
SC861206	Ø6	27,5	12,6	12,6	126	17	5000	17,9
SC861263	1/4"	27,5	12,6	12,6	126	17	5000	17,9
SC861407	Ø7 - 9/32"	29	14,2	14,2	138	19	6000	25,7
SC861608	Ø8 - 5/16"	34	16	16	168	22	8000	39,4
SC861895	3/8"	37	17,8	17,8	203	27	11000	61,1
SC861810	Ø10	37	17,8	17,8	203	27	11000	61,1

Assemble instruction - see page 12

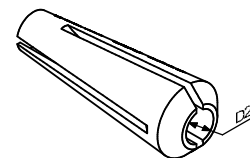
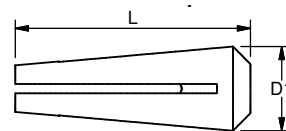


Secure, reliable and corrosion resistant swageless end fitting. Ideal for emergency repairs and any other job which normally requires professional swaging. Designed for 1x19 wire construction

For Swageless cone terminals designed for compacted and Dyform wire see at page 55.

## CONES FOR 1X19

ART. NO.	WIRE	D1	D2	L	KG/100
C04-1X19	4mm + 5/32"	5,6	2,5	14,5	0,1
C476-1X19	3/16"	6,7	3	18,2	0,2
C05-1X19	5mm	6,5	3,2	15,7	0,2
C555-1X19	7/32"	8,8	3,6	26,1	0,5
C06-1X19	6mm	8,5	3,9	22,4	0,4
C635-1X19	1/4"	8,5	4	21,8	0,4
C07-1X19	7mm + 9/32"	9,4	4,6	23,5	0,4
C08-1X19	8mm + 5/16"	10,9	5	30,3	0,8
C952-1X19	3/8"	13,2	6	38,2	1,4
C10-1X19	10mm	13	6,4	34,5	1,2
C111-1X19	7/16"	17,2	7	56,9	3,6
C12-1X19	12mm	17	7,9	47,6	3,1
C127-1X19	1/2"	16,5	8,1	43,2	2,6
C14-1X19	14mm + 9/16"	18,7	8,9	50,8	3,9
C16-1X19	16mm + 5/8"	21,8	10,2	59,2	6,5
C19-1X19	19mm + 3/4"	25	11,9	68,5	9,6
C22-1X19	22mm + 7/8"	28,5	13,9	77,8	13,6
C26-1X19	26mm + 1"	34	15,9	93,8	24,8



## CONES FOR DYFORM - COMPACTED

ART. NO.	WIRE	D1	D2	L	KG/100
C04-C1X7	4mm 1x7	4,65	2,05	13,9	0,1
C05-C1X19	5mm 1x19	6,15	3,15	13,9	0,1
C06-C1X19	6mm 1x19	8,05	3,6	21,4	0,3
C07-C1X19	7mm 1x19	8,8	4,15	22,6	0,4
C08-C1X19	8mm 1x19	10	4,75	26,2	0,5
C10-C1X19	10mm 1x19	12,1	6,1	30,8	0,9
C12-C1X19	12mm 1x19	15,8	7,4	43,2	2,4
C14-C1X19	14mm 1x19	17,5	8,5	45,8	3
C14-C1X36	14mm 1x36	19,1	10,5	43,3	3,3
C16-C1X19	16mm 1x19	21,7	11,9	48	4,9
C16-C1X36	16mm 1x36	22,4	12	51,7	5,7

The Blue Wave swageless terminals can be reused if the inner cone is replaced with a new one. Supplied with engraved part no. for easy handling





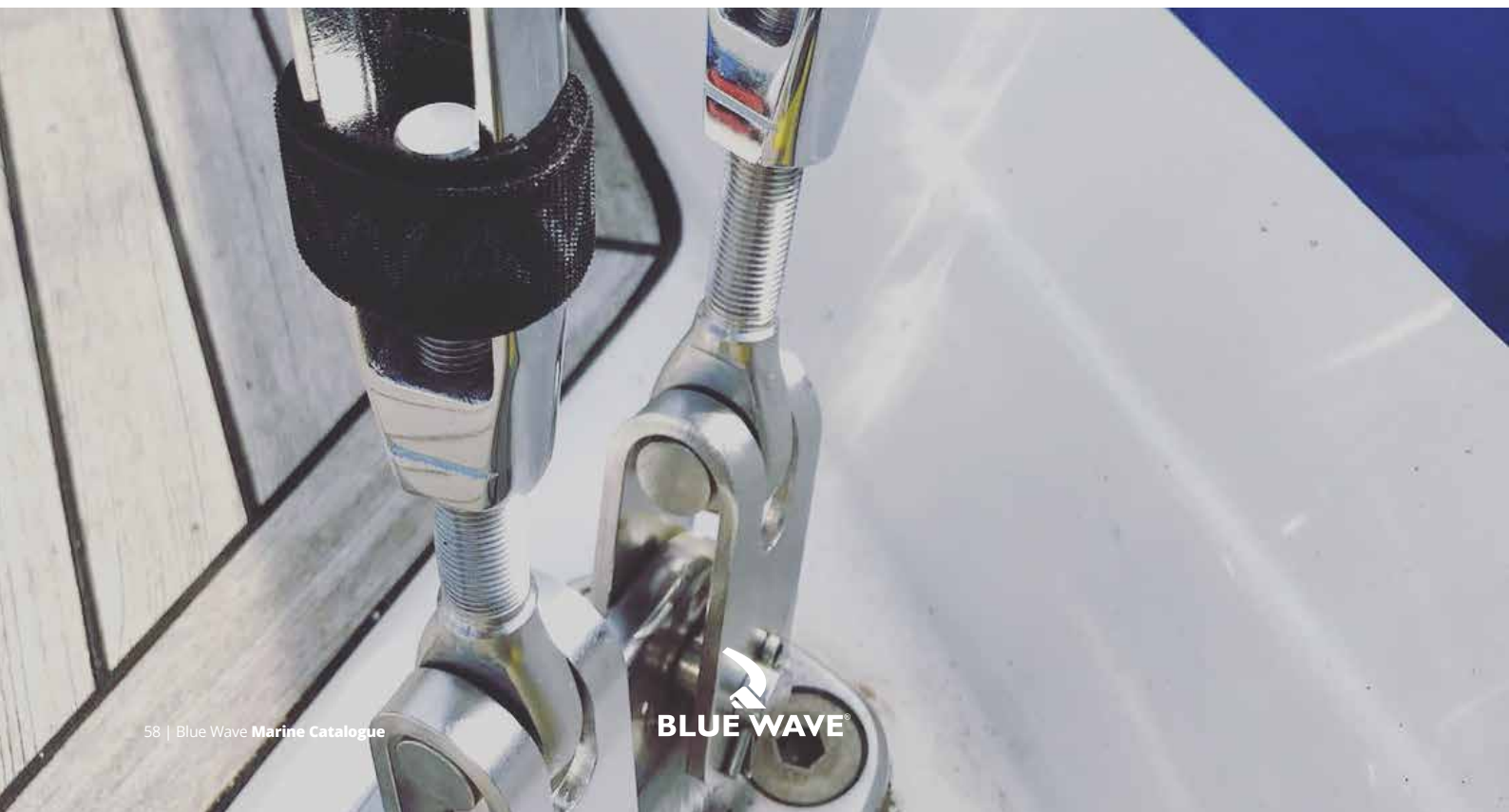
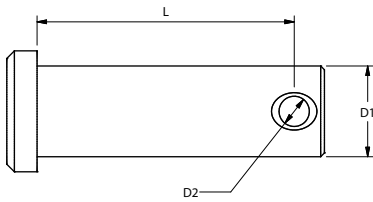
## CLEVIS PINS

Polished Stainless Steel - AISI 316

ART. NO.	L	D1	D2	KG/100	PACK
061605	15	5	2,5	0,3	BULK
061806	17	6	2,5	0,9	BULK
061863	17	6,35	2,5	0,5	BULK
061663	16	6,35	2,5	0,9	BULK
061908	18	8	3	1	BULK
062008	21	8	2,5	1,1	BULK
062395	23	9,5	3	1,5	BULK
062611	26	11	3,5	2,4	BULK
062812	28	12	4	3	BULK
062813	28	12,7	4	3,5	BULK
063212	32	12	4	3,6	BULK
063412	34	12	4	4	BULK
063214	33	14	4	5,3	BULK
063714	37	14	4	5,5	BULK
063416	34	16	3,5	6,5	BULK
064016	40	16	3,5	7,7	BULK
064419	45	19	3,5	13	BULK
064919	49	19	3,5	14	BULK
064622	46	22	5,5	16,3	BULK
065522	55	22	5,5	19	BULK
065822	58	22	5,5	20	BULK
065525	56	25,4	5,5	25	BULK
066325	63	25	5,5	28	BULK
067328	73	28	5,5	40	BULK
068332	83	32	6,5	60	BULK
068835	88,5	35	6,5	76	BULK



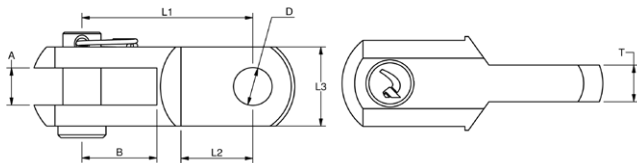
**Note:**  
Double headed - and tamper proof pins available on request. See page 63.



## TOGGLES MACHINED

Polished Stainless Steel - AISI 316

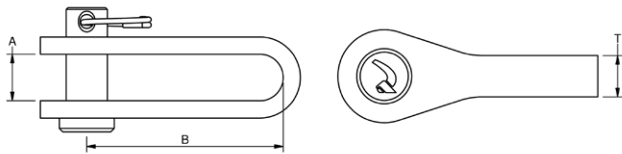
ART. NO.	PIN	A	B	D	T	L1	L2	L3	BL/KG	KG/100	PACK
140606M	6,35	6,35	13	6,6	5,5	28	11	12	1300	1,9	BULK
140808M	8	7,9	16	8,1	7	34,5	13	16	2600	4,3	BULK
140909M	9,5	9,5	19	9,7	9	41,5	17	19	3500	7,1	BULK
141111M	11	11,1	22	11,3	9,5	48,5	19	23	4100	12,8	BULK
141313M	12,7	12,7	25	12,9	12,5	57	24	27	6200	21,1	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 STANDARD

Polished Stainless Steel - AISI 316

ART.NO.	A	B	PIN SIZE	T	BL/KG	KG/100	PACK
140006	7,5	28	6	7	1800	2,3	10
140008	8,5	34	8	7,7	3600	4	10
140010	10,5	45	9,5	10,2	4000	5,9	10
140011	11,5	50	11	10,5	4800	8,5	10
140012	13,5	56	12	12	5800	12,4	10
140016	17	63	16	15	8000	22,5	10
140019	21	68	19	18	13000	40,7	10
140022	25	111	22	25	17000	80,9	10
140025	30	104	25,4	25	29000	105	BULK
140028	32	121	28	30	36000	147	BULK
140032	38	133	32	33	48000	225	BULK

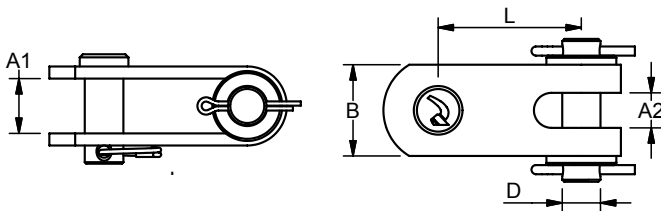


## TOGGLES DOUBLE JAW

Polished Stainless Steel - AISI 316

ART. NO.	PIN	A1	A2	B	D	L	KG/100	BL	PACK
250008	8	10	5,2	18	8	30	6	2350	BULK
250010	9,5	12	6,2	22	9,5	38	11,9	3500	BULK
250011	11	15	9,2	30	11	42	18	4100	BULK
250012	12,7	18	11,2	30	12,6	47,5	24	6200	BULK
250014	14	18	11,7	35	14	49,7	34,8	9400	BULK
250016	16	20	13,5	35	16	57	41	9800	BULK
250019	19	24	17,5	40	19	63	70	13000	BULK
250022	22	26	19	50	22	72	87	17000	BULK
220025	25,4	29	22	60	25	82	107	24000	BULK
250028	28	34	28	60	28	97	234	25500	BULK
250032	32	40	34	75	32	105	340	31000	BULK
250035	35	44	34	75	35	118	470	43000	BULK
250040	40	48	39	95	40	139	564	69000	BULK

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

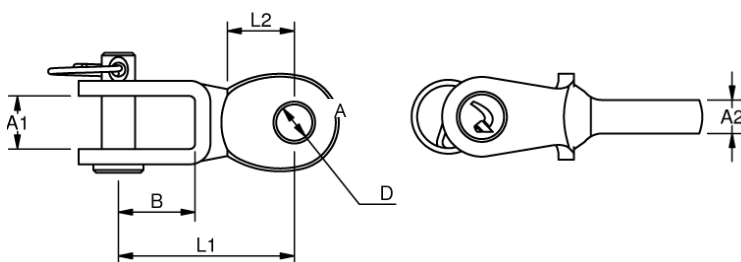


## TOGGLES WITH EYE

Polished Stainless Steel - AISI 316

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

Note: All breakloads are determined by clevis pin.



## LUBRICANT

The Blue Wave Lubricant is used on the threads improving 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



## SCTKIT - SEALING KIT

Thread lubricant and seal for swageless terminal assembly.

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



## WIRE CUTTER

WDS Wirecutters up to 12mm

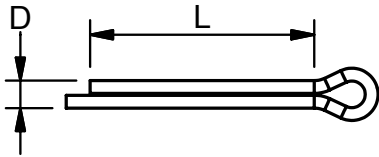
ART. NO.	WIRE SIZE	KG/1
ARCTOOL5	Max dia 4 / 5/32"	0,7
ARCTOOL6	Max dia 7 / 9/32"	1,5
ARCTOOL7	Max dia 12 / 1/2"	2,8



## SPLIT PINS

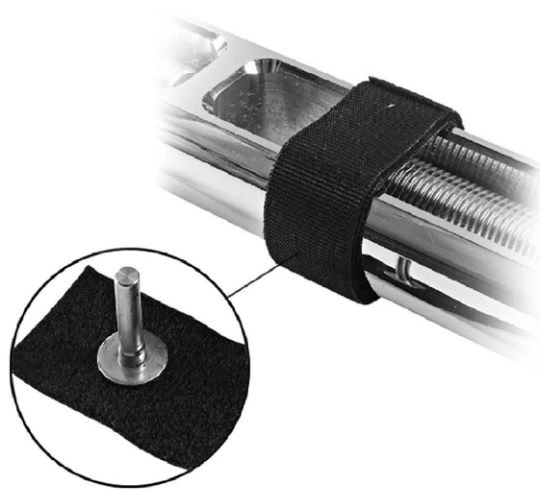
Polished Stainless Steel - AISI 316

ART. NO.	D MM	L	KG/100	PACK PCS.
070609	1,5	10	0,01	100
0706101	2	12	0,03	100
070610	2	15	0,03	100
070611	2	25	0,05	100
0706121	2,5	16	0,07	100
070612	2,5	25	0,1	100
070613	3	25	0,15	50
070614	3	32	1,2	50
0706131	3,2	20	0,15	50
0706151	4	32	0,36	BULK
070617	5	40	0,75	BULK
070618	6,3	50	1,3	BULK
070620	8	59	3,1	BULK



## 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	M6	1/4"	16	2	8	100	0,2 BULK
VP1225	VP1225P4	M8 - M10	5/16" - 3/8"	16	2,5	10	130	0,3 BULK
VP1632	VP1632P4	M12	7/16" - 1/2"	20	3,2	13	180	0,5 BULK
VP2340	VP2340P4	M16 - M20	5/8" - 3/4"	25	4	20	220	1 BULK

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.

The user is responsible for correct assembly



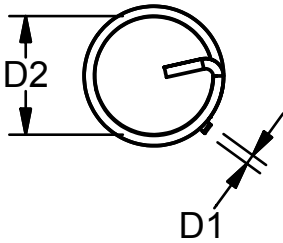
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Community Design Registration 2006

## G-RINGS

Polished Stainless Steel - AISI 316

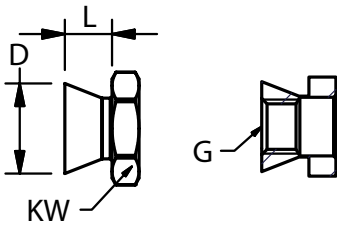
ART.NO.	DIM.	D	KG/100	PACK
070601	1	11	0,015	100
070602	1,25	15	0,075	100
070603	1,5	19	0,1	100
070604	2	23	0,23	100



## SAFETY NUTS

High Polished Stainless Steel - AISI 316

ART. NO.	THREAD G	D	L	KW	KG/100	PACK	BREAK NUT
044310	M10	17	9	17	1,3	BULK	50Nm
044312	M12	20	10,5	22	2,3	BULK	50Nm

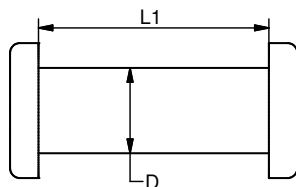


The security lock nut is a safe and reliable method to secure valuable equipment. The hexagonal part breaks away when fastening, and leaves the smooth rounded nut securely in place.

## DOUBLE HEADED PIN

Stainless Steel - AISI 316

ART. NO.	D	L	KG/100
061606H	6	16,2	1
062008H	8	19,5	1,5
062110H	9,8	21,2	2,4



Elegant and tamper proof alternative to standard clevis pins.

## LOCK NUTS METRIC

Polished Stainless Steel - AISI 316

ART. NO. RIGHT	ART. NO. LEFT	THREAD G	B	KW	KG/100	PACK
041205	051205	M5	4	8	0,1	BULK
041206	051206	M6	4	8	0,10	BULK
041208	051208	M8	5	10	0,15	BULK
041210	051210	M10	7	13	0,25	BULK
041212	051212	M12	8	17	0,7	BULK
041214	051214	M14	10	19	1,3	BULK
041216	051216	M16	11	22	2	BULK
041220	051220	M20	13	24	2,25	BULK
041222	051222	M22	17	30	3,5	BULK
041224	051224	M24	18	36	8,8	BULK
041227	051227	M27	22	41	16	BULK
041230	051230	M30	24	46	17	BULK
041236	051236	M36	29	55	39	BULK

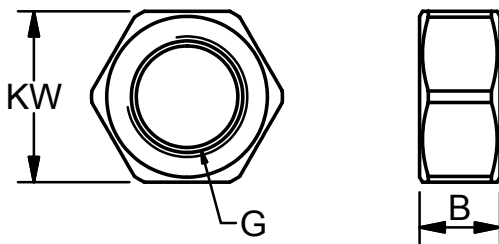
Sleak streamlined lock nuts for SS bodies!



## LOCK NUTS UNF

Polished Stainless Steel - AISI 316

ART. NO. RIGHT	ART. NO. LEFT	THREAD G	KW	B	KG/100	PACK
041206A	051206A	1/4"	8	4	0,1	BULK
041208A	051208A	5/16"	10	5	0,15	BULK
041210A	051210A	3/8"	13	6,5	0,25	BULK
041211A	051211A	7/16"	14	8,4	0,7	BULK
041212A	051212A	1/2"	17	8	1,2	BULK
041216A	051216A	5/8"	22	11	2	BULK
041220A	051220A	3/4"	24	13	2,25	BULK
041222A	051222A	7/8"	30	16,5	3,5	BULK
041225A	051225A	1"	36	17,5	8,8	BULK
041227A	051227A	1 - 1/8"	41	22	16	BULK
041230A	051230A	1 - 1/4"	46	24	17	BULK
041236A	051235A	1 - 3/8"	55	29	39	BULK

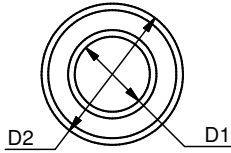
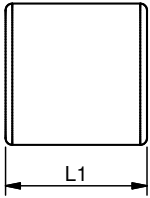




## WIRESTOP

Stainless Steel - AISI 316

ART. NO.	WIRE	D1	D2	L1	KG/100	PACK
TAL9004	4 MM 5/32"	4,4	7,5	8	0,2	20
TAL9005	5 MM	5,3	9	10	0,3	20
TAL9006	6 MM - 1/4"	6,5	12,6	12	0,9	20
TAL9008	8 MM - 5/16"	8,5	16	16	1,8	20

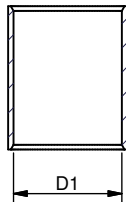
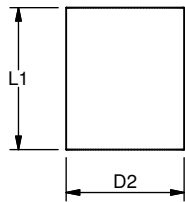


These wire stops have to be pulled on the wire before endfittings are swaged. Afterwards the stoppers can be swaged/pressed in the right position on the wire.

## SAIL THIMBLE

High Polished Stainless Steel - AISI 316

ART. NO.	D1	D2	L1	PACK	KG/100
111415	14	16	16	10	0,5
111419	14	16	19	10	0,7
112016	20	22	16	10	0,8
112019	20	22	19	10	1
112022	20	22	22	10	1,1
112026	20	22	26,5	10	1,4



## RIGTOOL / SAIL THIMBLE

High Quality Pressing Tool For Sail Thimble Assembly

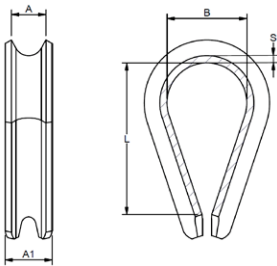
ART. NO.	INNER Ø	KG
RIGTOOL14	14	0,7
RIGTOOL20	20	0,7



## THIMBLES

Polished Stainless Steel - AISI 316

ART. NO.	A	A1	B	L	S	KG/100	PACK
110002	3	5,25	9	16	1	0,2	100,0
110003	4	6,25	10	17	1	0,3	100,0
110004	5	7,5	11	19	1,35	0,5	100,0
110005	6	8,5	13	21	1,2	0,7	100,0
110006	7	9,7	15	27	1,5	1,1	100,0
110007	8	11	19	33	1,5	1,4	100,0
110008	9	13,5	22	38	2	2,6	50,0
110009	10	13,75	24	43	2	3,1	50,0
110010	11	15,3	27	46	2,7	4,9	BULK
110012	14	18,3	29	52	2,7	6,6	BULK
110014	16	21	33	57	3	9	BULK
110016	18	23	40	67	3	11,3	BULK
110018	20	26,5	45	75	4	19	BULK
110020	22	30,5	52	84	4	31,2	BULK
110022	24	32	56	93	5	45,5	BULK
110026	28	37,5	65	112	6	67	BULK
110028	30	40	80	135	5,5	82	BULK
110032	34	43	92	160	6,25	110	BULK
110034	36	46,5	105	160	6	117	BULK
110036	38	49	115	176	6	142	BULK
110038	40	53,5	120	180	8	206	BULK
110040	42	55	120	192	8	220	BULK
110042	45	56,5	150	240	8	304	BULK

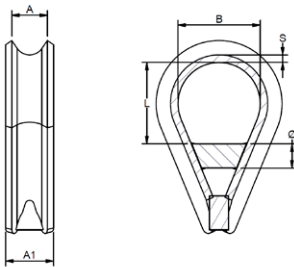


The solid thimbles from Blue Wave are known worldwide for supreme quality. A strong choice for the harsh marine environment.

## THIMBLES WELDED

Polished Stainless Steel - AISI 316

ART. NO.	Ø	A	A1	B	L	S	KG/100	PACK
119908	6	9	13,5	22	22	2	2,9	25
119909	6	10	13,75	24	24	2	3,2	25
119910	8	11	15,3	27	27	3	5,9	25
119912	8	14	18,3	29	29	3	6,3	25
119914	10	16	21	32	32	3	12,3	10
119916	10	18	23	40	40	3	13,6	10
119918	12	20	26,5	45	45	4	24	10
119920	12	22	30,5	50	50	4	34,8	10
119922	16	24	32	56	56	5	51,8	BULK
119926	16	28	37,5	60	60	6	85,6	BULK



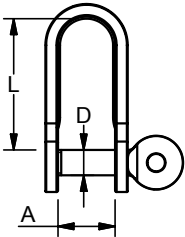
The reinforced thimble is based on the standard thimble but extra force is attained by the addition of a welded bar, and ends being welded together. A good choice for wire and UHMWPE ropes

## SHACKLES

Polished Stainless Steel - AISI 316

ART. NO.	A	D	L	BL/KG	KG/100	PACK
150041	10	M4	15	500	0,5	100
150051	12	M5	17	1000	1,6	100
150052	16	M5	24	1000	1,6	100
150053	16	M5	36	1100	1,8	100
155251	13,5	M5	25	1100	1,5	100
155206	16	M6	23	1400	1,6	50
150062	14	M6	40	2000	2,9	50
150082	18	M8	42	3000	5	50

Note: All breakloads are determined by pin and thread.

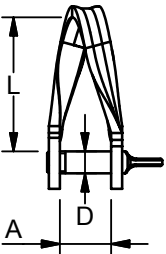


## TWISTED SHACKLES

Polished Stainless Steel - AISI 316

ART. NO	A	D	L	BL/KG	KG/100	PACK
170005	12	M5	22	1200	1,5	100
170053	12	M5	33	1200	1,7	100
170006	14	M6	36	2000	2,9	25
170008	18	M8	36	3000	5	25

Note: All breakloads are determined by pin and thread.

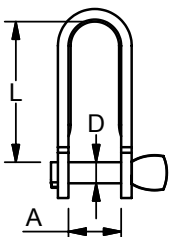


## KEYPIN SHACKLES

Polished Stainless Steel - AISI 316

ART. NO.	A	D	L	BL/KG	KG/100	PACK
180041	10	4	15	500	0,5	100
180005	15	5	36	1000	1,8	100
185205	13	5	26	1000	1,5	100
180006	15	6	40	1650	2,9	25
180008	20	8	41	2750	5	25

Note: All breakloads are determined by pin.

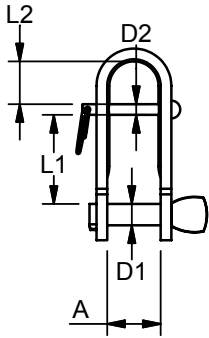


## HALYARD SHACKLES

Polished Stainless Steel - AISI 316  
With key pin

ART. NO.	A	D1	D2	L1	L2	BL/KG	KG/100	PACK
180352	12	5	3	14	9	700	1,6	25
180305	15	5	3	21	12	700	1,9	25
180306	14	6	3	25	12	1500	3	25
180308	20	8	3	26	12	2000	5,1	25

Note: All breakloads are determined by pin.

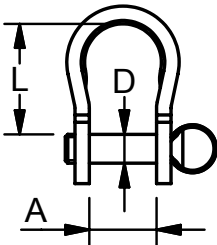


## BOW SHACKLES

Polished Stainless Steel - AISI 316

ART. NO.	A	D	L	BL/KG	KG/100	PACK
150061	14	M6	23	2000	2,5	50
150081	17	M8	31	3000	4,5	50
150010	21	M10	40	4800	8,5	25
150012	25	M12	50	7000	16	25

Note: All breakloads are determined by pin and thread.

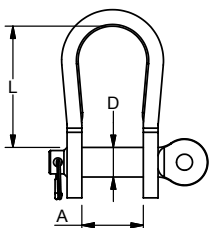


## G-RING SHACKLES

Polished Stainless Steel - AISI 316

ART. NO.	A	D	L	B.L./KG	KG/100	PACK
151010	21	M10	40	4800	9	25
151212	25	M12	50	7000	16,5	25

Note: All breakloads are determined by pin and thread

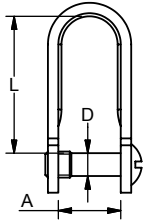


## SAILMAKERS D-SHACKLES

Polished Stainless Steel - AISI 316

ART. NO.	A	D	L	BL/KG	KG/100	PACK
160041	10	M4	15	500	0,5	100
160051	12	M5	17	1000	1	100
160052	16	M5	24	1000	1,6	100
160053	16	M5	36	1100	1,8	100
165251	13,5	M5	25	1100	1,5	100
165206	16	M6	23	1400	1,6	50

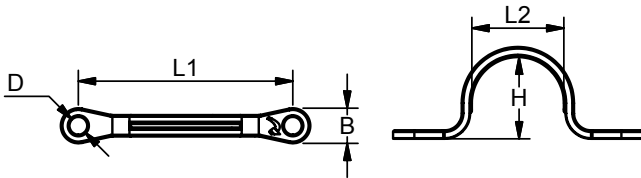
Note: All breakloads are determined by pin and thread.



## EYE STRAPS

Polished Stainless Steel - AISI 316 L

ART. NO.	B	D	L1	L2	H	KG/100	PACK
150401	9	4,2	28	11	12	0,3	100
155102	11	5	35,5	15	13	0,5	100
155203	12	5,3	44	20	19	1	100
155304	10	5,3	63	28	24	1,2	50
156205	14	6,4	67	32	29	2	50

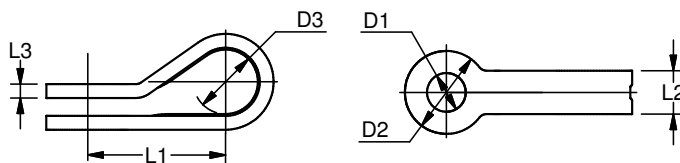


Eye straps are used for various attachments and fixing points. Place it over two pre-drilled holes and if possible use a pop rivet for easy attachment.

## STRAP-EYE

Polished Stainless Steel - AISI 316 L

ART. NO.	D1	D2	D3	L1	L2	L3	BL/KG	KG/100	PACK
150404	4,2	9	7	15	4,7	1,5	500	0,3	100
150505	5	11	10	24	7,3	2	1000	0,8	100



The Strap eye is the one hole version of the eye strap. Used with a pop rivet e.g. for cabling.

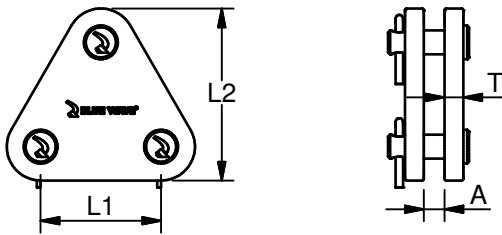
## BACKSTAY TRIANGLE

Electro Polished Stainless Steel - AISI 316L

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



Two part triangle with pins for split backstays

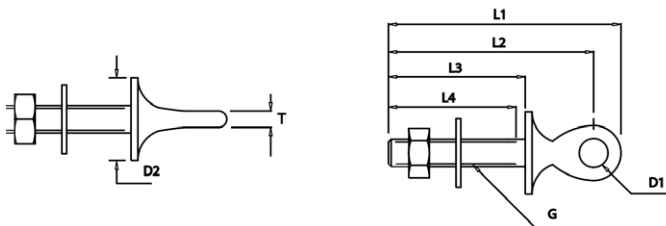


## EYE BOLTS FORGED

Polished Stainless Steel - AISI 316

ART. NO.	THREAD G	D1	D2	L1	L2	L3	L4	T	BL/KG	KG/100	PACK
310630	M6	6,5	25	53	46	30	30	4	1200	1,3	10
310660	M6	6,5	25	83	76	60	60	4	1200	2,1	10
310835	M8	8,5	25	65	58	35	35	5	2200	3,3	10
310880	M8	8,5	25	110	104	80	75	5	2200	5	10
311050	M10	10,5	30	87	75	50	50	6	3500	8,2	10
311000	M10	10,5	30	137	125	100	85	6	3500	11	10

Note: All breakloads are determined by eye (D) and thread

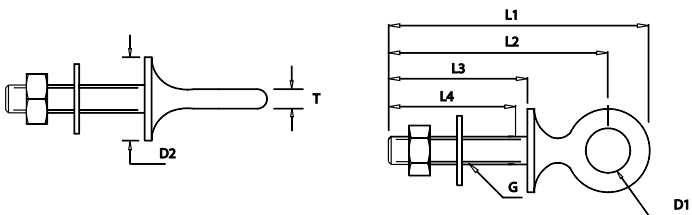


## EYE BOLTS WELDED

Polished Stainless Steel - AISI 316

ART. NO.	THREAD G	D1	D2	L1	L2	L3	L4	T	BL/KG	KG/100	PACK
370630	M6	25	13	57	46	30	30	5	1200	1,8	10
370640	M6	25	13	66	56	40	40	5	1200	2,8	10
370650	M6	25	13	76	62	50	50	5	1200	3	10
370660	M6	25	13	87	76	60	60	5	1200	2,6	10
370600	M6	25	13	126	115	100	95	5	1200	3,7	10
370835	M8	25	15	66	53	35	35	6	2200	3,8	10
370850	M8	25	15	80	68	50	50	6	2200	4,9	10
370880	M8	25	15	110	98	80	75	6	2200	5,5	10
370800	M8	25	15	130	118	100	75	6	2200	6,5	10
371050	M10	30	16	85	70	50	50	7	3500	8,7	10
371000	M10	30	16	135	120	100	95	7	3500	11	10
371250	M12	30	18	90	74	50	45	9	4500	10,2	10
371210	M12	30	18	140	124	100	85	9	4500	15	10
371216	M12	30	18	200	184	160	85	9	4500	19	10

Note: All breakloads are determined by eye (D) and thread

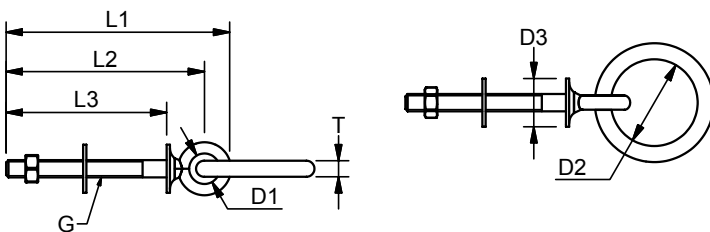


## EYE BOLTS WITH RING

High Polished Stainless Steel - AISI 316

ART. NO.	THREAD G	L1	L2	L3	D1	D2	D3	T	BL/KG	KG/100	PACK
380630	M6	57	46	30	13	30	25	5	950	4,4	10
380660	M6	87	76	60	13	30	25	5	950	4,9	10
380835	M8	66	53	35	15	40	25	6	1500	7,3	10
380880	M8	111	98	80	15	40	25	6	1500	8,8	10
381050	M10	85	70	50	16	45	30	7	2200	13,6	10
381000	M10	135	120	100	16	45	30	7	2200	16,3	10
381210	M12	140	124	100	18	50	30	10	3300	28,2	10
381216	M12	200	184	160	18	50	30	10	3300	32,1	10

Note: All breakloads are determined by ring (D2).

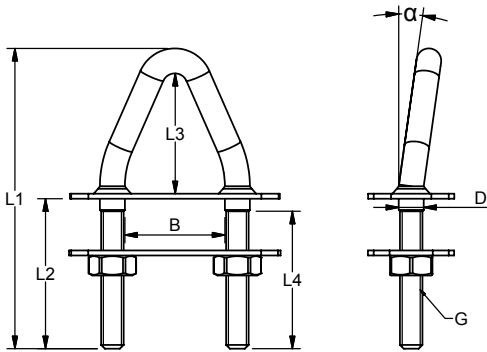


## "V" BOLTS

High Polished Stainless Steel - AISI 316

ART. NO.	THREAD G	L1	L2	L3	L4	a	B	D	BL/KG	KG/100	PACK
408500	M8	100	50	40	45	0	33	8	3500	12,5	5
408508	M8	100	50	40	45	8	33	8	3500	12,5	5
408518	M8	100	50	40	45	18	33	8	3500	12,5	5
410600	M10	120	60	48	55	0	40	10	5100	15	5
410608	M10	120	60	48	55	8	40	10	5100	15	5
410618	M10	120	60	48	55	18	40	10	5100	15	5

Note: All breakloads are determined by thread.

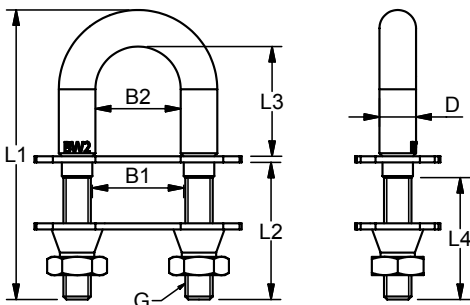


## SECURITY "U" BOLTS

High Polished and Hard Chrome Plated Stainless Steel - AISI 316/ 1.4401

ART. NO.	THREAD G	D	L1	L2	L3	L4	B1	B2	BL/KG	KG/100	PACK	BREAK NUT
Class 3 certified												
431265	M12	14	122	65	41	48	34,5	32,5	5100	31	1	50 Nm
Class 2 certified												
431045	M10	12	95	45	38	40	30	28	3500	22	1	50 Nm

Note: All breakloads are determined by thread.



Blue Waves class 3 antitheft U-bolt is the most sold of its kind on the European market because of the high quality and resistance against cut through as well as corrosion



CERTIFIERAD  
PRODUKT

CLASS 3 CERTIFIED  
SECURITY U-BOLT

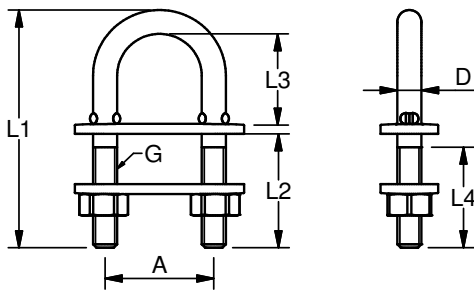


## "U" BOLTS

Polished Stainless Steel - AISI 316

ART. NO.	G	A	D	L1	L2	L3	L4	BL/KG	KG/100	PACK PCS
340435	M4	30	4	66	35	25	30	750	2,1	25
340535	M5	30	4,4	67	35	25	30	900	2,6	25
340635	M6	33	5,3	67	35	26	30	1250	4,5	5
340650	M6	33	5,3	84	50	26	30	1250	5,7	5
340835	M8	33	7,1	71	35	26	30	1750	7,2	5
340850	M8	33	7,1	86	50	26	30	1750	9,7	5
340880	M8	33	7,1	116	80	26	45	1750	11,8	5
348840	M8	50	8	80	40	30	32	1750	12,4	5
348850	M8	50	8	90	50	30	32	1750	13,2	5
341045	M10	40	10	95	45	40	40	3500	18,4	5
341060	M10	40	10	110	60	40	35	3500	20,4	5
341010	M10	40	10	150	100	40	85	3500	25	5
341280	M12	47	10,8	122	80	30	85	5100	29	5

Note: All breakloads are determined by thread.

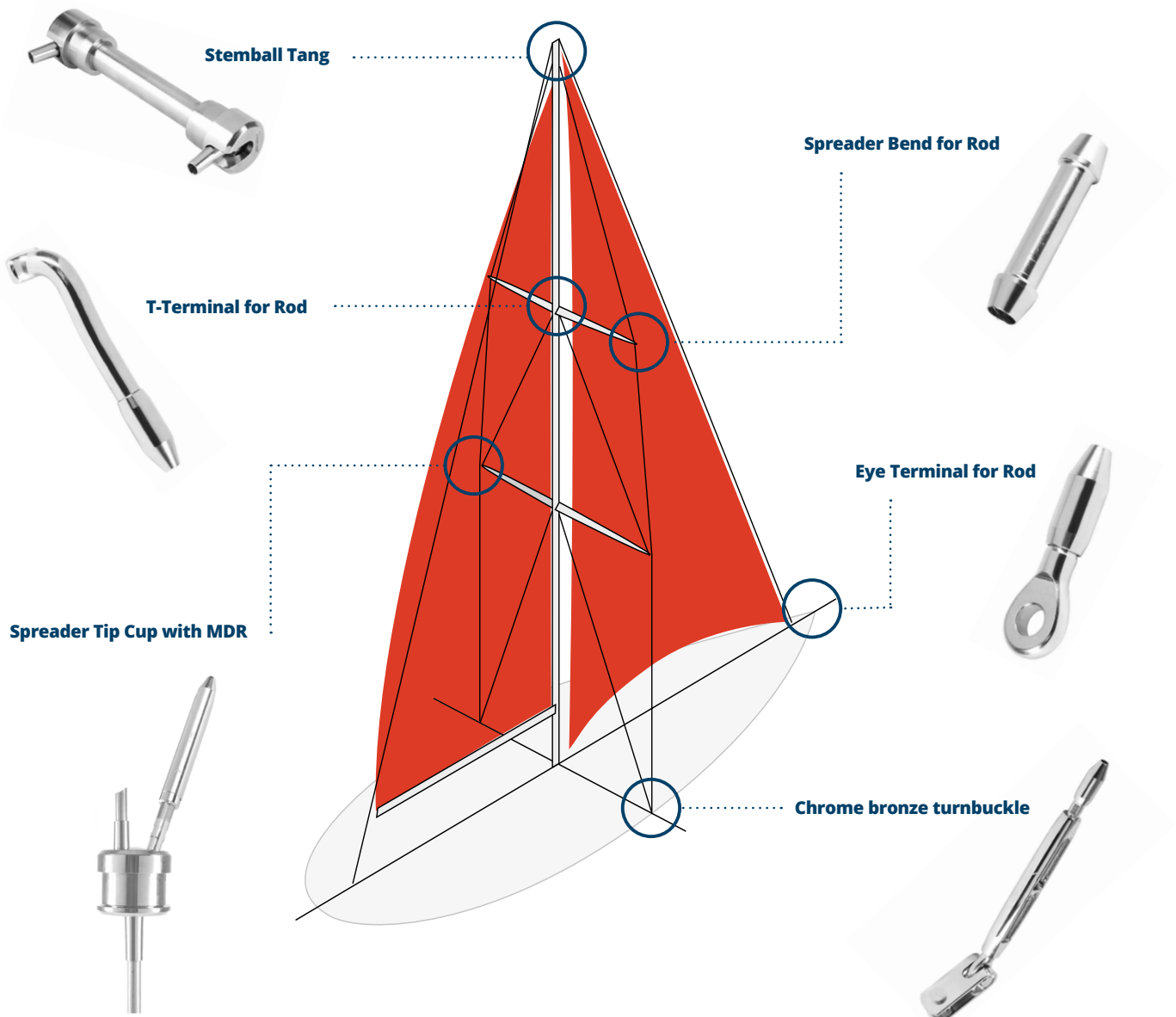


# ROD AND ROD RIGGING SYSTEMS

Below is a summary of our rod range and some of its common rig combinations. Ranging from DASH 1 to DASH 60 with treads, 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 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.

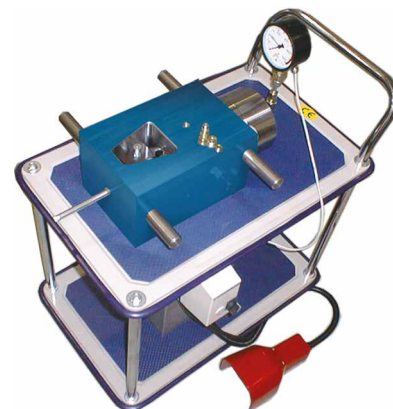
Through the centre piston, pressure up till 260T, is applied to the end of the rod and forms the "head".

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 pumps 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.

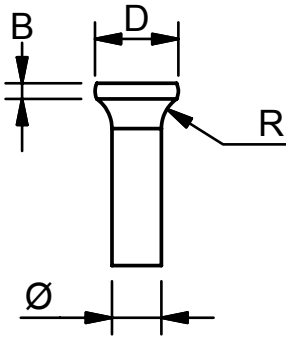


For further information on the Blue Wave Rod cold heading machine and dies, please contact Blue Wave A/S.

## ROD COLD HEADING MACHINES

ROD Press Machines Range		
MACHINES	RPT60	RPT260
Max Press capacity (tons) / Rod size (mm) / Dash	60 / 12,7 / -40	260 / 1" / -150
Dimensions LxWxH (mm)	200x395x170	660x360x360
Weight approx. Depending on pump	100	700
<b>PUMPS</b>		
All pumps are delivered with a quick connector, so it can power other hydraulic operated equipment as Talurit press, Wire Teknik rollerswager, ect.		
<b>HAGG PA9</b> Air hydraulic foot pump Standard 700 bar	✓	N.A.
<b>HAAG HC 44/1,5</b> Hydraulic unit, 3 phases	✓	N.A.
<b>RPHC2215</b> Compact hydraulic, single phase, 230V, 50Hz, HAAG 1,5kW	N.A.	✓
<b>RPHC4815</b> Hydraulic pump 3 phase, 400V, 50Hz, HAAG 3,2kW 3 phase, 400V, 50Hz, 3kW	N.A.	✓
<b>RPV500</b> Work & transport cart	On Request	On Request
<b>DIES</b> Ranging from 3,0mm up to 1" rod (price per unit) by	min. 5 sets	min. 5 sets
<b>CONDITIONS</b>		
Downpayment 30%		
Delivery time: On Request, but app. 3 to 5 month depending on the choice of Rod Machine		

# 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 R<sub>po.2</sub> 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	BREAKING 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

## STEMBALL TANG

High Polished acid proof Stainless Steel

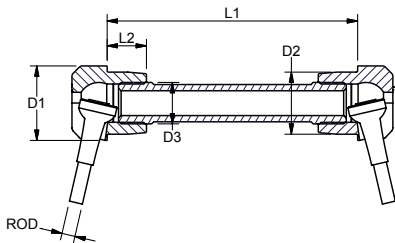
ART. NO.	ROD MM	DASH	D1	D2	D3	L1	L2	R1	BL/KG	PACK
ST000004	4	3	33	*27	16	**	21,5	0,3	1700	BULK
ST000044	4,4	4	33	*27	16	**	21,5	0,3	2000	BULK
ST000005	5	6	33	*27	16	**	21,5	0,3	2800	BULK
ST000057	5,7	8	36	*30	20	**	23	0,3	3700	BULK
ST000006	6	9	36	*30	20	**	23	0,3	4000	BULK
ST000064	6,4	10	36	*30	20	**	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



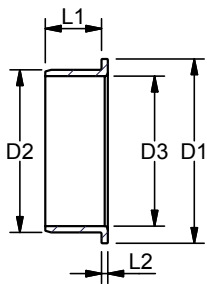
The stemball tang is delivered complete with two tangs, connector rod and two stemballs. Each tang is designed to suit the specific mast width

## SLEEVE FOR CARBON MASTS

Polished Stainless Steel - AISI 316

ART. NO.	D1	D2	D3	L1	L2	R	KG/100	PACK PCS
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	43	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



Sleeve for the stemball tangs are used in carbon masts

## SPREADER TIPCUP

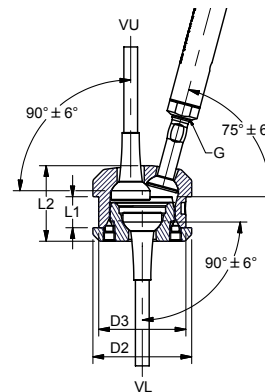
High Polished acid proof Stainless Steel

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

Note: Rod various length are available on request.

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 mirror polished. Supplied to customer needs either complete with stemballs and diagonal rig screw or bare with no fittings.



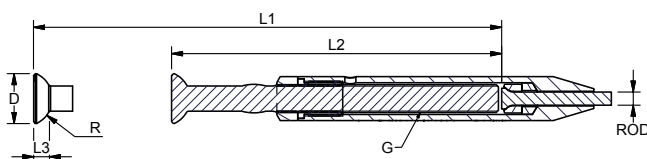
## MDR - MONO DIAGONAL RIGGING SCREW

Polished AISI 316 Stainless Steel

ART. NO.	ROD	DASH	THREAD 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: Breakloads 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.

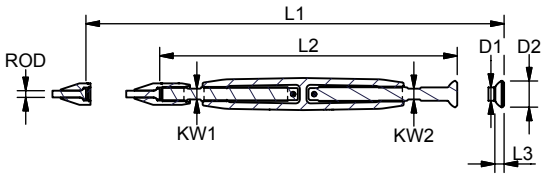


## BALL/SOCKET UNF

Polished Stainless Steel - AISI 316 – Chromed Bronze Body

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

Note: All breakloads are determined by Rod ( SanRig 80 )



The Blue Wave Chromed Bronze Body Rigging screw line features a number of details that makes it the best choice for exclusive and durable rigging.

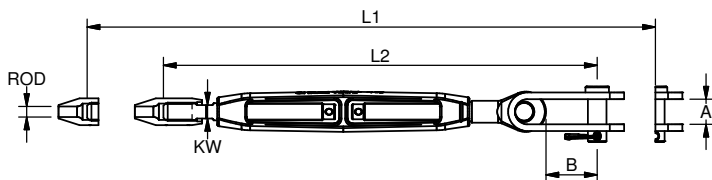
## TOGGLE/SOCKET UNF

Polished Stainless Steel - AISI 316 – Chromed Bronze Body

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

Note: All breakloads are determined by rod (SanRig 80)

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



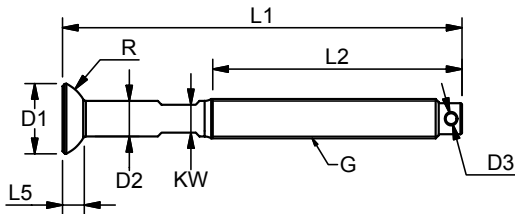
The Blue Wave Chromed Bronze Body Rigging screw line features a number of details that makes it the best choice for exclusive and durable rigging.



## THREADED BALL FOR TIPCUP

Polished Stainless Steel - AISI 316

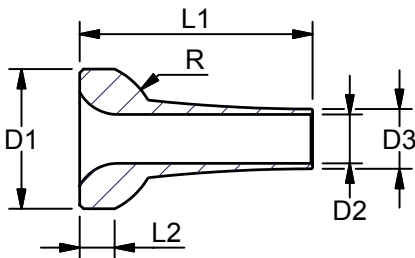
ART. NO.	THREAD G	D1	D2	D3	L1	L2	L5	KW	R	BL/KG	KG/100	PACK
BT014000	1/4"	13	6,35	2,2	80	47	4,5	5	5	1300	3,9	BULK
BT516000	5/16"	16,8	8,5	2,8	92	57	6	7	9	2200	4,2	BULK
BT038000	3/8"	16,8	8,5	2,8	101	63	5,7	7	9	3400	5,6	BULK
BT716000	7/16"	19,8	10	3,5	111	70	7,5	9	11	4600	8	BULK
BT012000	1/2"	23,2	11,5	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



## STEMBALL FOR ROD

Polished Stainless Steel - AISI 316

ART. NO.	ROD Ø MM	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

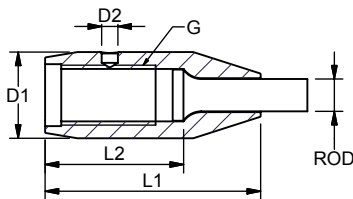




## SOCKET FOR ROD

Polished Stainless Steel - AISI 316

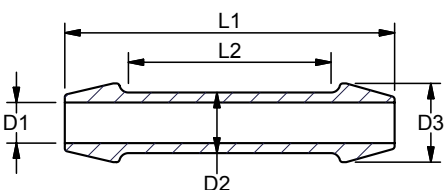
ART. NO.	ROD Ø	DASH	THREAD G	D1	D2	L1	L2	KG/100	PACK
SO516003	3	1	5/16"	13	3	35	19,7	2	BULK
SO516004	4	3	5/16"	13	3	35	19,7	2	BULK
SO038004	4	3	3/8"	13	3	40	19,7	2	BULK
SO516044	4,4	4	5/16"	13	3	35	19,7	2	10
SO038044	4,4	4	3/8"	14	3	40	22,8	2,8	BULK
SO038005	5	6	3/8"	14	3	40	22,8	2,5	BULK
SO716044	4,4	4	7/16"	16	3	41,5	24,3	3,7	BULK
SO716005	5	6	7/16"	16	3	41,5	24	3,1	BULK
SO716057	5,7	8	7/16"	16	3	41,5	25,1	3,1	BULK
SO012057	5,7	8	1/2"	18	3	45	27,59	4,6	BULK
SO716006	6	9	7/16"	16	3	40	27,7	3,1	BULK
SO012006	6	9	1/2"	18	3	45	27,59	4,3	BULK
SO012064	6,4	10	1/2"	18	3	45	28,24	4,3	BULK
SO012071	7,1	12	1/2"	18	3	45	28,8	4,2	BULK
SO058071	7,1	12	5/8"	22	4	55	34	7,8	BULK
SO058075	7,5	15	5/8"	22	4	56	33,62	8,3	BULK
SO058008	8	16	5/8"	22	4	55	34,22	8	BULK
SO058084	8,4	17	5/8"	22	4	55	34,86	7,7	BULK
SO034084	8,4	17	3/4"	26	4	64	40,52	11,1	BULK
SO034095	9,5	22	3/4"	26	4	62	41,3	10,9	BULK
SO078111	11,1	30	7/8"	30	4	72	45,13	16,4	BULK
SO100127	12,7	40	1"	35	4	86	52,69	27,5	BULK
SO118143	14,3	48	1 1/8"	40	5	97	61	41	BULK
SO138168	16,8	60	1 3/8"	48	5	114	68	77,9	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



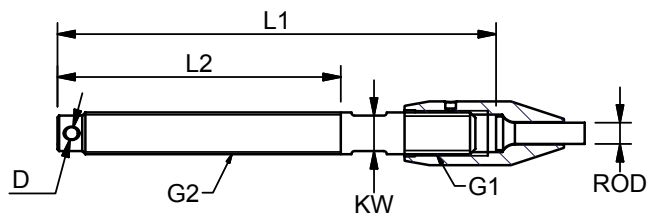
## STUD TERMINAL FOR ROD

Polished Stainless Steel - AISI 316

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



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



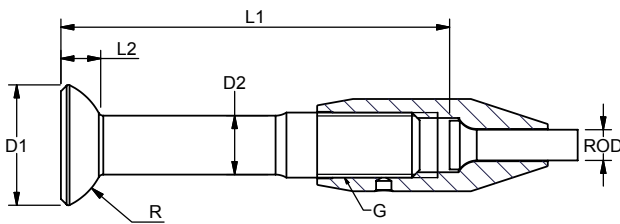
## BALL TERMINAL FOR ROD

Polished Stainless Steel - AISI 316

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



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



## "T" TERMINAL FOR ROD

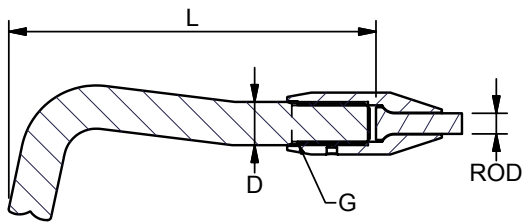
Polished Stainless Steel - AISI 316

ART. NO.	ROD Ø	DASH	THREAD G	D	L	KG/100	PACK
TT516044M*	4,4	4	5/16"	9	78,06	6,6	BULK
TT716005M*	5	6	7/16"	12,58	106,5	15,1	BULK
TT716057M*	5,7	8	7/16"	12,58	106,5	15,1	BULK
TT012057M*	5,7	8	1/2"	12,58	106,5	17,3	BULK
TT716006M*	6	9	7/16"	12,58	106,5	15,1	BULK
TT012006M*	6	9	1/2"	12,58	106,5	17,3	BULK
TT012064M*	6,4	10	1/2"	12,58	106,5	17,3	BULK
TT012071M*	7,1	12	1/2"	14,2	116,5	20,7	BULK
TT058071M**	7,1	12	5/8"	16	141,5	34	BULK
TT058075M**	7,5	15	5/8"	16	141,5	34	BULK
RR058008M**	8	16	5/8"	17,8	156,5	41,7	BULK
TT058084M**	8,4	17	5/8"	17,8	156,5	41,7	BULK

Note: Rod in various lengths are available on request.

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

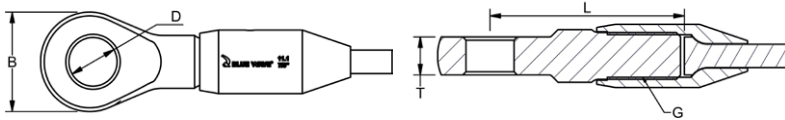
Use back plates 616107 for \*, and 616110 for \*\*, or refer to page 44



## EYE TERMINAL FOR ROD

Polished Stainless Steel - AISI 316

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



## TOGGLE TERMINAL FOR ROD

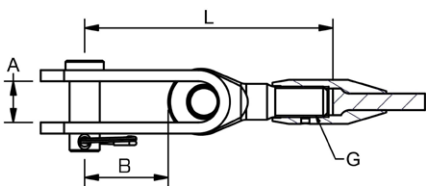
Polished Stainless Steel - AISI 316

ART. NO.	ROD Ø MM.	DASH	THREAD G	PIN SIZE	A	B	L	KG/100	PACK
TO516004M	4	3	5/16"	11	10	18	53	21,2	BULK
TO716005M	5	6	7/16"	11	15	30	88	24,4	BULK
TO716057M	5,7	8	7/16"	11	15	30	88	24,4	BULK
TO012057M	5,7	8	1/2"	12,7	18	30	102	34,8	BULK
TO716006M	6	9	7/16"	11	15	30	88	24,4	BULK
TO012006M	6	9	1/2"	12,7	18	30	102	34,5	BULK
TO012064M	6,4	10	1/2"	12,7	18	30	102	34,5	BULK
TO012071M	7,1	12	1/2"	12,7	18	30	102	34,4	BULK
TO058071M	7,1	12	5/8"	16	20	35	126	61,3	BULK
TO058075M	7,5	15	5/8"	16	20	35	126	61,8	BULK
TO058008M	8	16	5/8"	16	20	35	126	61,5	BULK
TO058084M	8,4	17	5/8"	16	20	35	126	61,2	BULK
TO034095M	9,5	22	3/4"	19	24	40	141	99,9	BULK
TO078111M	11,1	30	7/8"	22	26	50	163	151,4	BULK
TO100127M	12,7	40	1"	25,4	29	60	182	246,5	BULK
TO118143M	14,3	48	1 1/8"	28	34	65	206	319,6	BULK
TO138168M	16,8	60	1 3/8"	32	40	75	233	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.



# FURLER ROD FITTINGS

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

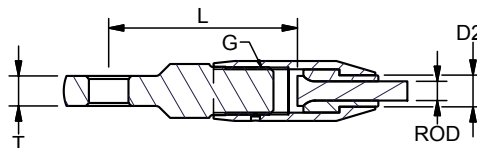
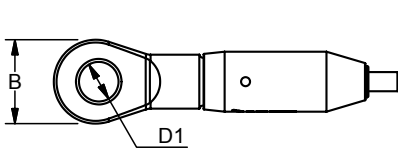
Polished acid proof Stainless Steel

ART. NO.	ROD Ø MM.	DASH	THREAD 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.

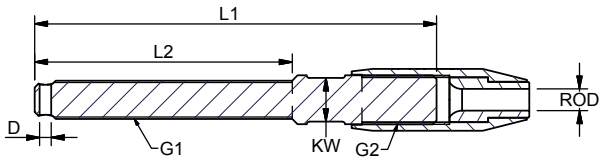
The user is responsible for choosing the proper rod diameter and for correct assembly.



## FURLER THREAD TERMINAL

Polished Stainless Steel - AISI 316

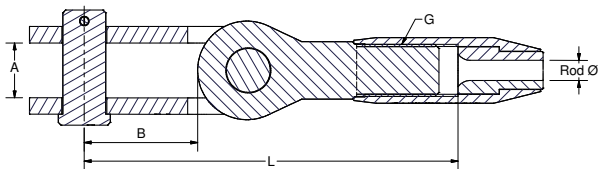
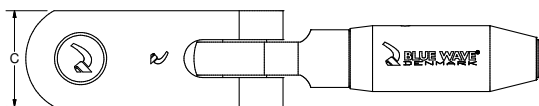
ART. NO.	ROD	DASH	D	G1	G2	KW	L1	L2	KG/100	PACK
FSSR1264	6,4	10	3,5	1/2"	5/8"	13	122	80	20,9	BULK
FSSR5875	7,5	15	4,5	5/8"	3/4"	17	156	100	39,7	BULK
FSSR5884	8,4	17	4,5	5/8"	3/4"	17	156	100	39,3	BULK
FSSR3495	9,5	22	4,5	3/4"	1"	22	187	120	79,8	BULK
FSSR7811	11,1	30	5,5	7/8"	1"	22	205	140	94,4	BULK



## FURLER TOGGLE

Polished Stainless Steel - AISI 316

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



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Blue Wave reserve the right without notification, to change specifications and descriptions contained in the Marine catalogue. 2020 - 1. edition.