
# BLUE WAVE®
## WIRE DESIGN SYSTEM

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


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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 20 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 2mm to 32mm.

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.

**INDEX**

For full break load Blue Wave recommends pressing or swaging/rolling the terminals onto the wire ropes. Recommended machines for this purpose are e.g. Presses from TALURIT®, roller swaging machines from WIRETEKNIK or combined press and roller swage machines from TOPREFF 2000. Our terminals are however also suitable for rotary hammer pressing!

## Swageless terminals

If the exact length of the final wire is unknown a good solution is only to swage one end and screw a swageless terminal onto the wire for final attachment on site at the other end.

## Small terminals

Alternatively the WDS range of Small fittings can be crimped onto the wires using a hand tool, however due to reduced amount of material in the small fittings, only a 50% break load of the wire can be obtained by this method.

## Swage dimensions chart

| Wire mm | Thread Metr. | Inside diameter (+/- 0,2) | Outside Diameter (+/- 0,10) | Depth (+/- 1,5) | After Swaging mm |
|---|---|---|---|---|---|
| 2,0 | M5 | 2,2 | 5,5 | 32 | 4,7 - 4,82 |
| 2,5 | M5 | 2,8 | 5,5 | 32 | 4,7 - 4,82 |
| 3,0 | M6 | 3,5 | 6,35 | 38 | 5,44 - 5,56 |
| 4,0 | M8 | 4,4 | 7,5 | 45 | 6,23 - 6,35 |
| 5,0 | M10 | 5,3 | 9,0 | 51 | 7,83 - 7,95 |
| 6,0 | M12 | 6,5 | 12,58 | 64 | 10,95 - 11,12 |
| 7,0 | M14 | 7,5 | 14,2 | 70 | 12,5 - 12,7 |
| 8,0 | M16 | 8,4 | 16,0 | 83 | 14,07 - 14,3 |
| 10,0 | M20 | 10,5 | 17,8 | 89 | 15,7 - 15,9 |
| 12,0 | M20 | 12,5 | 20,0 | 105 | 17,6 - 17,8 |
| 14,0 | M22 | 14,8 | 25,0 | 140 | 22,0 - 22,23 |
| 16,0 | M24 | 17,0 | 28,0 | 160 | 25,15 - 25,40 |
| 19,0 | M27 | 20,0 | 34,5 | 200 | 31,44 - 31,75 |
| 22,0 | M30 | 23,5 | 40,5 | 230 | 36,2 - 36,50 |
| 26,0 | M36 | 27,5 | 46,0 | 280 | 40,97 - 41,28 |
| 28,0 | M42 | 30,0 | 50,0 | 300 | 44,00 - 44,50 |
| 32,0 | M48 | 33,5 | 58,0 | 340 | 51,00 - 51,50 |
| 36,0 | M52 | 38,0 | 65,0 | 380 | 57,00 - 57,80 |



## Correct attachment

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

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 Wireteknik) 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.**

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

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!

## 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 4 on dynamic constructions. As a general rule working loads should never exceed 25% of the break loads stated in this catalogue.

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

## WDS break loads

| Wire | Thread | Break load |
|---|---|---|
| mm | Metr. | kg |
| 2,0 | M5 | 800 |
| 2,5 | M5 | 800 |
| 3,0 | M6 | 1200 |
| 4,0 | M8 | 1700 |
| 5,0 | M10 | 2500 |
| 6,0 | M12 | 5100 |
| 7,0 | M14 | 6800 |
| 8,0 | M16 | 8700 |
| 10,0 | M20 | 9700 |
| 12,0 | M20 | 11.400 |
| 14,0 | M22 | 14.700 |
| 16,0 | M24 | 18.000 |
| 19,0 | M27 | 23.000 |
| 22,0 | M30 | 28.000 |
| 26,0 | M36 | 41.000 |

## Attaching terminals

Under each scheme in the WDS catalogue you will find indications to the correct attachment.


## Stretch in wire rope

Stretch is the degree of a material to which it is able to be lengthened by pulling.

Stretch is one critical factor to be considered when designing a rig. Low stretch under high loads and other factors are important in the final performance of a rigging configuration.

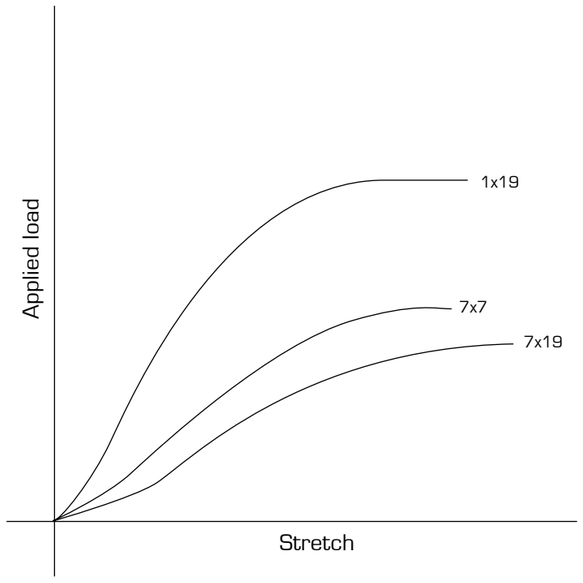
**Stretch can be of two types:**

1. Structural
Of a permanent character. Caused when the initial load is applied.

2. Elastic (ES)
Given by the applied load (kN), wire length (m), modulus of elasticity of wire and it's cross sectional area
( diameter$^2$ x Pi/4 )

It is possible to calculate this value from the formula:

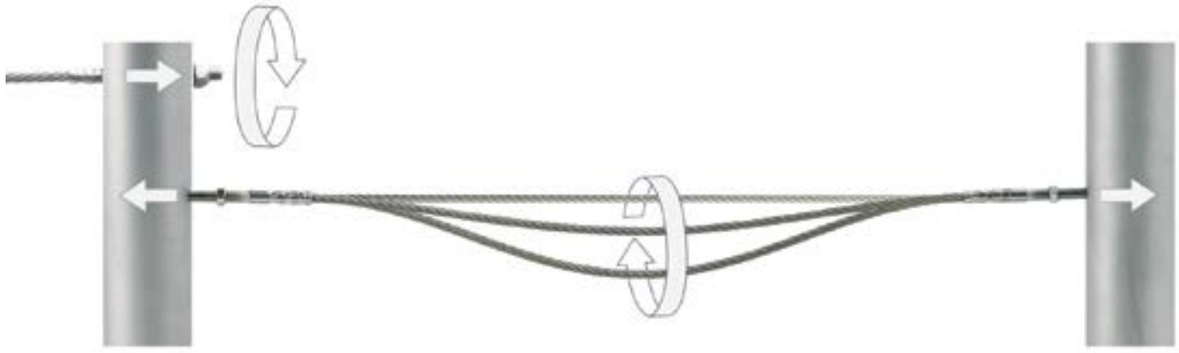
$$ES = \frac{\text{Applied load (kN) x wire length (m)}}{\text{Modulus of elasticity x Cross sectional area}}$$






## Tensioning of wire with terminals

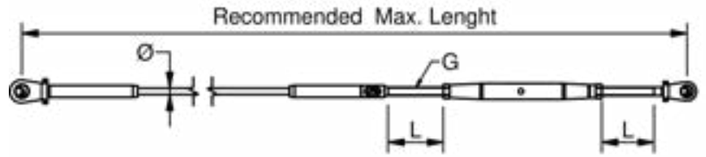
As well as serving as an attachment to a given construction, threaded terminals, once on to the wire, can serve as a tensioner. Where tension cannot be applied to the thread via a nut at the end, the wire can be tensioned by use of e.g. right handed and left handed thread terminals at each end of the wire, by turning the whole wire it will be tensioned.



## Recommended Max. Lenght

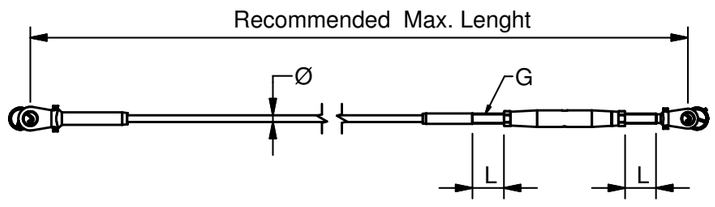
### Blue Wave Fittings

| WIRE Ø | G | L + L | RML - 7 x 19 | RML - 7 x 7 | RML - 1 x 19 |
|---|---|---|---|---|---|
| 3 | M6 | 62 | 10M | 12M | 14M |
| 4 | M8 | 76 | 12M | 13M | 15M |
| 5 | M10 | 84 | 14M | 14M | 16M |
| 6 | M12 | 106 | 16M | 16M | 19M |
| 8 | M16 | 132 | 16M | 19M | 20M |
| 10 | M20 | 160 | 16M | 20M | 22M |




### Blue Wave "Small" Fittings

| WIRE Ø | G | L + L | RML - 7 x 19 | RML - 7 x 7 | RML - 1 x 19 |
|---|---|---|---|---|---|
| 3 | M5 | 36 | 6m | 10m | 12m |
| 4 | M6 | 44 | 8m | 10m | 14m |
| 5 | M6 | 44 | 10m | 12m | 14m |
| 6 | M8 | 46 | 10m | 12m | 14m |



## 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 30 and 50 gr.

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!


**Ask for Blue Wave Part No. BWLUB1**

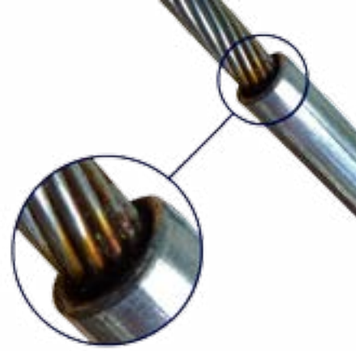
| ART. NO. | NET. WEIGHT | KG/100 |
|---|---|---|
| BWLUB1 | 50g | 5 |
| BWLUB2 | 30g | 3 |
| BWLUB3 | 5g | 0,5 |

**Blue Wave products can be used in temperature range from -40°C to +100°C and briefly up to 200°C**




## 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.

**Blue Wave uses a X-ray device for the control of raw materials. 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 |

## Certificates

Blue Wave can on request at order issue the following certificates

| CERTIFICATES | DESCRIPTION |
|---|---|
| BW21 | 2.1 Certificate; declaration of compliance with the order |
| BW22 | 2.2 Test report, non specific |
| BW31 | 3.1 Inspection Certificate, specifc w. destructive test |
| BWCC | Certificate of conformance |

BLUE WAVE®

## New ball connection for Ø 3, 4 & 5 mm wire railings.

Imperial wire sizes 1/8”, 5/32” & 3/16”...

- Elegant and flexible in angle up to 45 degrees.
- Easy mounting and tensioning.
- Single cable runs up to 9 meters.
- Washer for round posts available.
- Further details page 53

## Wire Railings

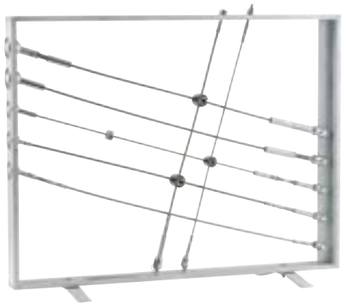
### Info

When mounting, Blue Wave recco-
mends a max distance of 8 cm between
the single wires.

Reccomended max lengths, see page 7.

## Exhibition material.

For exhibitions and other presentations Blue Wave has developed two small wire displays WDSExh 1+2, but also offer the possibility of lending exhibition material such as banners. Contact your local dealer / distributor, or Blue Wave for further information.



ART. NO. WDSExh1

ART. NO. WDSExh2

ART. NO. ExhO18

ART. NO. EXHO01

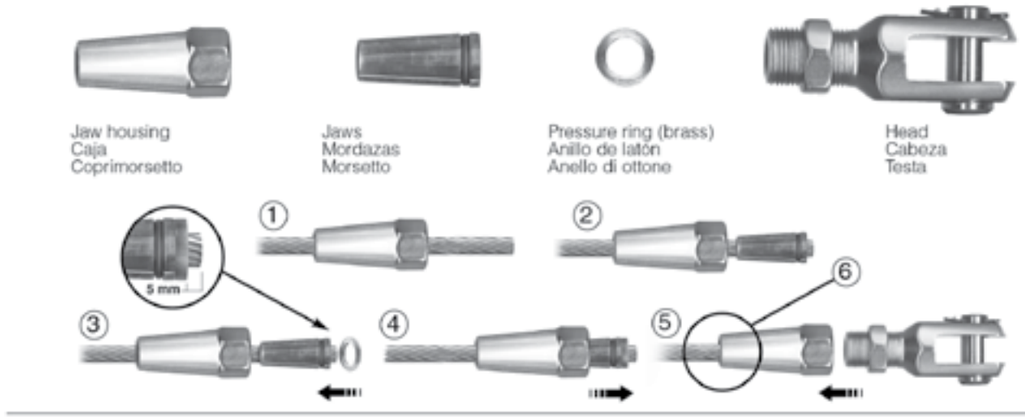

ART. NO. EXHO22

ART. NO. EXHO29

ART. NO. EXHO28



# Swageless Terminals




**ASSEMBLE INSTRUCTIONS**

1. First slide the jaw housing in place on the cable.

2. Next, slide the jaws onto the cable leaving some space between the jaw sections.

3. Place the brass pressure ring on the end of the cable. Make sure that the distance from the pressure ring to the end of the cable is 5 mm.

4. Slide the jaw housing over the jaws.

5. The terminal can now be assembled. Screw the head firmly to the jaw housing with a spanner. Then tighten the lock nut firmly with a spanner.

6. **When assembling the Swageless Terminal a non-acidic sealing compound must be used in the housing, sikaflex 221, for example.**
   Disassemble the terminal and fill the jaw housing and the cavity with sealing compound, then assemble the terminal. Repeat this until the sealing compound emerges from the hole through which the cable is inserted. Clean the terminal. Do NOT reuse the jaws. Make sure that the dimensions of the terminal and cable match.

Lloyd's Register TA
TYPE APPROVED

Maintenance
Check the terminal regulary for damage in connection with longer exposure to concentrated saline solutions or polluted surroundings. Check the seal, if it is broken remove all sealing compound. Then rinse the terminal with fresh water and treat it with WD40. Reseal the terminal with non-acidic sealing compound.

Note
After the first dynamic load the terminal MUST be tightened again. The terminal was developed for use with following types of cable: 1x19, 7x19 and 7x7. The terminal can also be used with Dyform (compacted strand)
When assembling swageless terminals the the breaking strength of the cable used will be reduced by 0-15 %.

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

## WELDED FORK TERMINALS

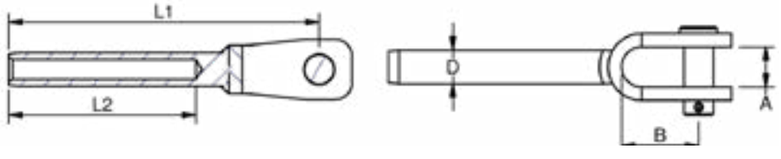
Polished Stainless Steel - **AISI 316**

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.

| ART. NO. | WIRE | | PIN | A | B | D | L1 | L2 | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 100502 | 2 | 1/16" | 5,0 | 7,5 | 12 | 5,5 | 58 | 32,0 | 800 | 2,0 | 25 |
| 100525 | 2,5 | 3/32" | 5,0 | 7,5 | 12 | 5,5 | 58 | 32,0 | 800 | 2,0 | 25 |
| 100503 | 3 | 1/8" | 5,0 | 7,5 | 12 | 6,4 | 67 | 38,0 | 800 | 2,3 | 25 |
| 100603 | 3 | 1/8" | 6,0 | 9,5 | 13 | 6,4 | 68 | 38,0 | 1300 | 2,8 | 25 |
| 100504 | 4 | 5/32" | 5,0 | 7,5 | 12 | 7,5 | 71 | 45,0 | 800 | 2,7 | 25 |
| 100604 | 4 | 5/32" | 6,0 | 9,5 | 13 | 7,5 | 73 | 45,0 | 1500 | 3,4 | 25 |
| 100804 | 4 | 5/32" | 8,0 | 11,0 | 15 | 7,5 | 77 | 45 | 1700 | 4,9 | 25 |
| 100605 | 5 | 3/16" | 6,0 | 9,5 | 13 | 9,0 | 83 | 51 | 1500 | 4,1 | 25 |
| 100805 | 5 | 3/16" | 8,0 | 11,0 | 15 | 9,0 | 87 | 51 | 2400 | 5,5 | 10 |
| 109505 | 5 | 3/16" | 9,5 | 12,0 | 19 | 9,0 | 91 | 51 | 2400 | 7,2 | 10 |
| 100806 | 6 | - | 8,0 | 11,0 | 15 | 12,6 | 99 | 64 | 3200 | 10,0 | 10 |
| 109506 | 6 | - | 9,5 | 12,0 | 19 | 12,6 | 104 | 64 | 3800 | 11,3 | 10 |
| 101206 | 6 | - | 12,0 | 14,0 | 25 | 12,6 | 110 | 64 | 5200 | 17,6 | 10 |
| 101207 | 7 | 9/32" | 12,0 | 14,0 | 25 | 14,2 | 119 | 70 | 6500 | 18,1 | 10 |
| 101208 | 8 | 5/16" | 12,0 | 14,0 | 25 | 16,0 | 136 | 83 | 6500 | 21,6 | 10 |
| 101408 | 8 | - | 14,0 | 18,0 | 33 | 16,0 | 143 | 83 | 8000 | 32,5 | 10 |
| 101608 | 8 | 5/16" | 16,0 | 18,0 | 33 | 16,0 | 145 | 83 | 8000 | 25,5 | 10 |
| 101410 | 10 | - | 14,0 | 18,0 | 32 | 17,8 | 151 | 89 | 9400 | 35,0 | 10 |
| 101410L | 10 | - | 14,0 | 22,0 | 30 | 17,8 | 149 | 89 | 9400 | 36,0 | 10 |
| 101610 | 10 | - | 16,0 | 17,0 | 33 | 17,8 | 149 | 89 | 9400 | 36,6 | 5 |
| 101910 | 10 | - | 19,0 | 24,0 | 48 | 17,8 | 168 | 89 | 9400 | 47,7 | 5 |
| 101612 | 12 | - | 16,0 | 17,0 | 33 | 20,0 | 174 | 105 | 11200 | 60,0 | 5 |
| 101612L | 12 | - | 16,0 | 22,0 | 31 | 20,0 | 171 | 105 | 11200 | 60,0 | 5 |
| 101912 | 12 | - | 19,0 | 24,0 | 48 | 20,0 | 189 | 105 | 11200 | 66,0 | 5 |
| 101912L | 12 | - | 19,0 | 30,0 | 47 | 20,0 | 187 | 105 | 11200 | 66,0 | 5 |
| * 101912X | 12 | - | 19,0 | 24,0 | 48 | 21,4 | 205 | 120 | 14000 | 75,0 | 5 |
| 101914L | 14 | - | 19,0 | 30,0 | 47 | 25,0 | 221 | 140 | 15000 | 75,0 | 5 |
| 102214 | 14 | - | 22,0 | 30,0 | 57 | 25,0 | 232 | 140 | 15000 | 112,7 | 5 |
| 102216 | 16 | - | 22,0 | 30,0 | 57 | 28,0 | 260 | 160 | 19000 | 141,0 | 5 |
| 102514 | 14 | - | 25,4 | 30,0 | 62 | 25,0 | 235 | 140 | 15000 | 125,0 | 5 |
| 102516 | 16 | - | 25,4 | 30,0 | 62 | 28,0 | 264 | 160 | 19000 | 140,0 | 5 |
| 102819 | 19 | - | 28,0 | 32,0 | 68 | 34,5 | 309 | 200 | 27000 | 246,0 | BULK |
| 103222 | 22 | - | 32,0 | 35,0 | 76 | 40,5 | 354 | 230 | 34000 | 372,0 | BULK |
| 103526 | 26 | - | 35,0 | 40,0 | 86 | 46,0 | 420 | 280 | 45000 | 548,0 | BULK |

*: Note: Terminal OD = 21,4

SWAGE PRESS CRIMP SCREW





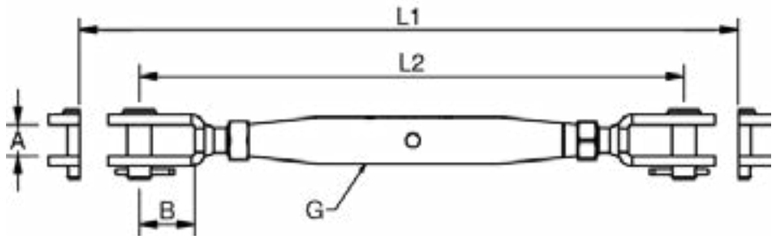

## RIGGING SCREWS FORK-FORK

Polished Stainless Steel - **AISI 316**

| ART. NO. | G | PIN | A | B | L1 | L2 | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|
| 120005 | M5 | 5,0 | 7,5 | 12,0 | 180 | 126 | 800 | 5,1 | 10 |
| 120006 | M6 | 5,0 | 7,5 | 12,0 | 200 | 138 | 1000 | 9,0 | 10 |
| 120006X | M6 | 6,0 | 9,5 | 13,0 | 202 | 140 | 1200 | 14,0 | 10 |
| 120008 | M8 | 6,0 | 9,5 | 13,0 | 234 | 158 | 1600 | 14,0 | 10 |
| 120008X | M8 | 8,0 | 11,0 | 15,0 | 240 | 166 | 2200 | 15,0 | 10 |
| 120010 | M10 | 8,0 | 11,0 | 15,0 | 272 | 188 | 3200 | 24,0 | 10 |
| 120010X | M10 | 9,5 | 12,0 | 19,0 | 280 | 196 | 3500 | 26,0 | 10 |
| 120012 | M12 | 12 | 14,0 | 25,0 | 350 | 244 | 5100 | 52,5 | 5 |
| 120012X | M12 | 14 | 18,0 | 32,0 | 370 | 269 | 5100 | 72,2 | 5 |
| 120014 | M14 | 12 | 14,0 | 25,0 | 387 | 267 | 6900 | 63,5 | 5 |
| 120014X | M14 | 14 | 18,0 | 32,0 | 405 | 295 | 6900 | 84,5 | 5 |
| 120016 | M16 | 14 | 18,0 | 32,0 | 446 | 313 | 9400 | 100,0 | 5 |
| 120016L | M16 | 14 | 22,0 | 30,0 | 442 | 309 | 9400 | 100,0 | 5 |
| 120016X | M16 | 16 | 18,0 | 33,0 | 446 | 313 | 9400 | 100,0 | 5 |
| 120020 | M20 | 19 | 24,0 | 48,0 | 550 | 390 | 14000 | 197,0 | BULK |
| 120020L | M20 | 19 | 30,0 | 47,0 | 546 | 386 | 14000 | 197,0 | BULK |
| ! 120022 | M22 | 22 | 30,0 | 57,0 | 653 | 472 | 18000 | 448,0 | BULK |
| 120024 | M24 | 25 | 30,0 | 62,0 | 769 | 536 | 21000 | 638,0 | BULK |
| 120027 | M27 | 28 | 32 | 68 | 825,0 | 590 | 23000 | 881,0 | BULK |
| 120030 | M30 | 32 | 35 | 76 | 907,0 | 647 | 28000 | 1060,0 | BULK |
| 120036 | M36 | 35 | 40 | 86 | 990,0 | 715 | 41000 | 1657,0 | BULK |

Note: All breakloads are determined by clevis pin and thread

! M20> M36 Available with threaded Bronze inserts in a S/S Body




The Blue Wave stainless steel rigging screws have been setting standards over the last 50 years.

Available with a wide range of end fittings, the most common ones are listed in this catalogue, you can "put together" your own choice of complete rigging screw, as the loose threaded rigging screw parts are all to be found in the WDS catalogue.

Blue Wave rigging screws all feature thread and/or wire size, as well as "easy use" marking for left and right threaded side.
A special Teflon® lubricate 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!

The larger size rigging screws from M20 and up are available with Stainless Steel with bronze threaded inserts for smooth adjustment .

Most rigging screws are also available with open body & UNF thread, on request .

# RIGGING SCREWS FORK-TERMINAL

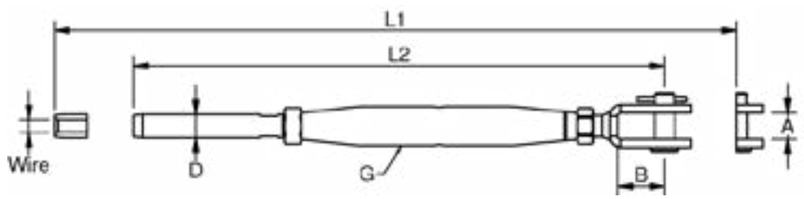
Polished Stainless Steel - **AISI 316**

| ART. NO. | G | WIRE | PIN | A | B | D | L1 | L2 | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 120205 | M5 | 2,0 | 5 | 7,5 | 9,4 | 5,50 | 206 | 152 | 800 | 4,5 | 10 |
| 122505 | M5 | 2,5 | 5 | 7,5 | 9,4 | 5,50 | 206 | 152 | 800 | 4,6 | 10 |
| 120306 | M6 | 3,0 | 5 | 7,5 | 9,4 | 6,35 | 232 | 170 | 1200 | 8,5 | 10 |
| 120306X | M6 | 3,0 | 6 | 9,5 | 10,4 | 6,35 | 233 | 171 | 1200 | 8,5 | 10 |
| 120406 | M6 | 4,0 | 5 | 7,5 | 10,4 | 7,50 | 242 | 180 | 1200 | 8,7 | 10 |
| 120406X | M6 | 4,0 | 6 | 9,5 | 10,4 | 7,50 | 242 | 180 | 1200 | 9,1 | 10 |
| 120408 | M8 | 4,0 | 6 | 9,5 | 10,4 | 7,50 | 275 | 199 | 1600 | 13,0 | 10 |
| 120408X | M8 | 4,0 | 8 | 11,0 | 12,2 | 7,50 | 277 | 201 | 1700 | 13,0 | 10 |
| 120508 | M8 | 5,0 | 6 | 9,5 | 13,0 | 9,00 | 281 | 205 | 1600 | 13,2 | 10 |
| 120508X | M8 | 5,0 | 8 | 11,0 | 12,2 | 9,00 | 284 | 208 | 2200 | 14,8 | 10 |
| 120510 | M10 | 5,0 | 8 | 11,0 | 14,0 | 9,00 | 312 | 228 | 2500 | 22,5 | 10 |
| 120510X | M10 | 5,0 | 9,5 | 12,0 | 14,0 | 9,00 | 316 | 232 | 2500 | 22,5 | 10 |
| 120610 | M10 | 6,0 | 8 | 11,0 | 15,0 | 12,58 | 327 | 243 | 3200 | 25,6 | 10 |
| 120610X | M10 | 6,0 | 9,5 | 12,0 | 18,5 | 12,58 | 330 | 250 | 3500 | 27,4 | 10 |
| 120612 | M12 | 6,0 | 12 | 14,0 | 18,5 | 12,58 | 393 | 287 | 5100 | 47,5 | 5 |
| 120712 | M12 | 7,0 | 12 | 14,0 | 25,0 | 14,20 | 401 | 295 | 5100 | 50,0 | 5 |
| 120812 | M12 | 8,0 | 12 | 14,0 | 25,0 | 16,00 | 416 | 310 | 5100 | 53,5 | 5 |
| 120714 | M14 | 7,0 | 12 | 14,0 | 25,0 | 14,20 | 439 | 319 | 6800 | 58,0 | 5 |
| · 120714X | M14 | 7,0 | 14 | 18,0 | 33,0 | 14,20 | 453 | 335 | 6800 | 68,8 | 5 |
| 120814 | M14 | 8,0 | 12 | 14,0 | 25,0 | 16,00 | 453 | 333 | 6800 | 63,5 | 5 |
| · 120816 | M16 | 8,0 | 14 | 18,0 | 32,0 | 16,00 | 498 | 365 | 8700 | 89,5 | 5 |
| · 120816L | M16 | 8,0 | 14 | 22,0 | 30,0 | 16,00 | 494 | 361 | 8700 | 89,5 | 5 |
| 120816X | M16 | 8,0 | 16 | 18,0 | 33,3 | 16,00 | 499 | 366 | 8700 | 89,5 | 5 |
| 121016 | M16 | 10,0 | 14 | 18,0 | 33,0 | 17,80 | 506 | 373 | 9400 | 93,0 | 5 |
| 121016L | M16 | 10,0 | 14 | 22,0 | 33,0 | 17,80 | 504 | 371 | 9400 | 93,0 | 5 |
| 121016X | M16 | 10,0 | 16 | 18,0 | 33,0 | 17,80 | 510 | 376 | 9400 | 93,0 | 5 |
| 121020 | M20 | 10,0 | 19 | 24,0 | 38,3 | 17,80 | 587 | 427 | 9700 | 170,1 | BULK |
| 121220 | M20 | 12,0 | 19 | 24,0 | 38,3 | 20,00 | 606 | 446 | 11400 | 170,1 | BULK |
| * 121220X | M20 | 12,0 | 19 | 24,0 | 38,3 | 21,40 | 622 | 462 | 14200 | 170,1 | BULK |
| 121422 | M22 | 14,0 | 22 | 30,0 | 46,0 | 25,00 | 736 | 555 | 15900 | 452,0 | BULK |
| · 121622 | M22 | 16,0 | 22 | 30,0 | 57,5 | 28,00 | 696 | 588 | 18000 | 490,0 | BULK |
| 121424 | M24 | 14,0 | 25,4 | 30,0 | 47,8 | 25,00 | 846 | 613 | 15900 | 642,0 | BULK |
| 121624 | M24 | 16,0 | 25,4 | 30,0 | 47,8 | 28,00 | 874 | 641 | 19400 | 662,0 | BULK |
| 121927 | M27 | 19,0 | 28 | 32,0 | 68,0 | 34,50 | 968 | 734 | 23000 | 878,0 | BULK |
| 122230 | M30 | 22,0 | 32 | 35,0 | 76,0 | 40,50 | 1106 | 822 | 28000 | 1074,0 | BULK |
| 122636 | M36 | 26,0 | 35 | 40,0 | 86,0 | 46,00 | 1195 | 921 | 41000 | 1682,0 | BULK |

* Note: Terminal OD. = 21,4 mm

! M20> M36 Available with threaded Bronze inserts in a S/S Body

SWAGE PRESS CRIMP SCREW






WDS® WIRE DESIGN SYSTEM
www.bluewave.dk

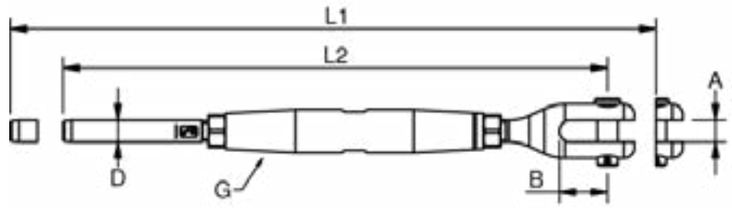
# RIGGING SCREWS MACHINED FORK-TERMINAL

Polished Stainless Steel - **AISI 316**

| 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 |
| * 742848 | M42 | 28 | 40 | 34 | 75 | 50 | 1298 | 992 | 70000 | 2328 | BULK |
| * 743248 | M48 | 32 | 45 | 38 | 91 | 58 | 1461 | 1131 | 90000 | 3214 | BULK |
| * 743652 | M52 | 36 | 50 | 49 | 100 | 65 | 1628 | 1258 | 110000 | 4305 | BULK |

* Note: Material 1.4462 (SAF 2205) Recommendable with A500 Swaging machine

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.




SWAGE PRESS CRIMP SCREW

# RIGGING SCREWS MACHINED FORK-FORK

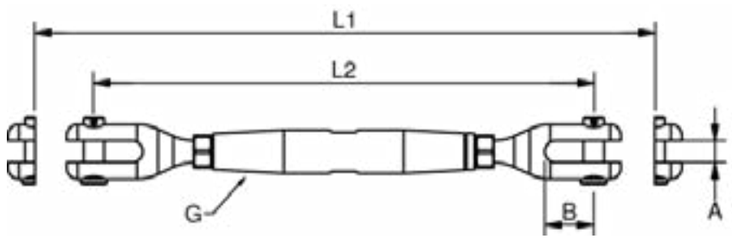
Polished Stainless Steel - **AISI 316**

| ART. NO. | G | PIN | A | B | L1 | L2 | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|
| 740020 | M20 | 19 | 20 | 45 | 619 | 453 | 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 |
| * 740042 | M42 | 40 | 34 | 75 | 1082 | 782 | 70000 | 2485 | BULK |
| * 740048 | M48 | 45 | 38 | 91 | 1222 | 892 | 90000 | 3406 | BULK |
| * 740052 | M52 | 50 | 49 | 100 | 1360 | 988 | 110000 | 4608 | BULK |

* Note: Material 1.4462 (SAF 2205)

All breakloads are determined by clevis pin and thread

Body with threaded Bronze inserts






WDS® WIRE DESIGN SYSTEM
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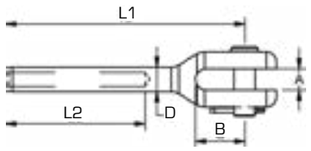
## FORK TERMINALS - MACHINED

Polished Stainless Steel - **AISI 316**

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.

| ART. NO. | WIRE | PIN | A | B | D | L1 | L2 | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|
| 721912 | 12 | 19 | 20 | 45 | 20,0 | 197 | 105 | 9500 | 100 | BULK |
| 722214 | 14 | 22 | 22 | 49 | 25,0 | 239 | 140 | 15000 | 170 | BULK |
| 722516 | 16 | 25 | 25 | 52 | 28,0 | 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 |
| * 724028 | 28 | 40 | 34 | 75 | 50,0 | 443 | 300 | 70000 | 859 | BULK |
| * 724532 | 32 | 45 | 38 | 91 | 58,0 | 508 | 340 | 90000 | 1262 | BULK |
| * 725036 | 36 | 50 | 49 | 100 | 65,0 | 575 | 380 | 110000 | 1875 | BULK |

* Note: Material 1.4462 (SAF 2205) Recommendable with A500 Swaging machine.



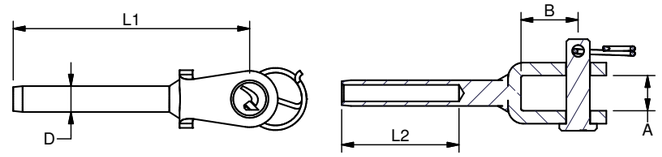

SWAGE PRESS CRIMP SCREW

## FORK TERMINALS - WELDED - SMALL

Polished Stainless Steel - **AISI 316**

Blue Wave's small fork terminals are for lighter architectural fixing of wires.The focus of the design is the size. Overall dimensions have thus been reduced to a minimum. The small fittings are suitable for hand crimping with Blue Wave Arctool-1ACC & Arctoo8, see page 61, or roll swaged using a standard machine and smaller die.

| ART. NO. | WIRE | PIN | A | B | D1 | L1 | L2 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|
| A360503 | 3 | 5,0 | 7,5 | 12,0 | 5,50 | 50 | 25 | 360 | 1,0 |
| A360504 | 4 | 5,0 | 7,5 | 12,0 | 6,35 | 50 | 25 | 640 | 1,5 |
| A360605 | 5 | 6,0 | 9,5 | 13,0 | 7,50 | 58 | 30 | 1000 | 2,2 |
| A360806 | 6 | 8,0 | 11,0 | 15,0 | 9,00 | 72 | 40 | 1400 | 3,7 |
| A360808 | 8 | 8,0 | 11,0 | 15,0 | 12,58 | 85 | 50 | 2300 | 8,0 |



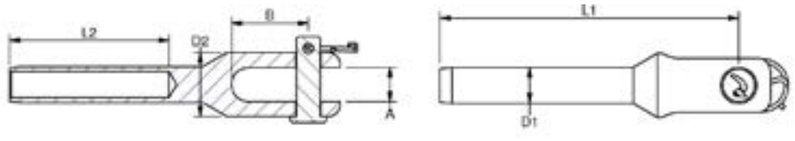

SWAGE PRESS CRIMP SCREW

## FORK TERMINALS - MACHINED - SMALL

Stainless Steel - **AISI 316**

Blue Wave's small fork terminals are for lighter architectural fixing of wires.The focus of the design is the size. Overall dimensions have thus been reduced to a minimum. The small fittings are suitable for hand crimping with Blue Wave Arctool-1ACC & Arctoo8, see page 61, or roll swaged using a standard machine and smaller die.

| ART. NO | WIRE | PIN | A | B | D1 | D2 | L1 | L2 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|---|
| A390503 | 3 | 5 | 5,5 | 12 | 11 | 5,5 | 48 | 25 | 360 | 1,03 |
| A390504 | 4 | 5 | 6,5 | 15 | 13 | 6.35 | 53 | 25 | 640 | 1,43 |
| A390505 | 5 | 5 | 6,5 | 15 | 13 | 7,5 | 57 | 30 | 1000 | 2,23 |
| A390606 | 6 | 6 | 8,5 | 19 | 16 | 9 | 75 | 40 | 1400 | 3,66 |




SWAGE PRESS CRIMP SCREW



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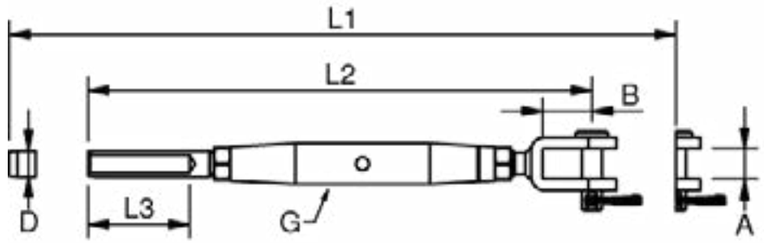
## RIGGING SCREWS FORK-TERMINAL - SMALL

Polished Stainless Steel - **AISI 316L**

| ART. NO. | G | WIRE DIM | | PIN | A | B | D | L1 | L2 | L3 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A120305 | M5 | 3,0 | 1/8" | 5,0 | 7,5 | 12,0 | 5,50 | 153 | 117 | 25 | 360 | 3,1 |
| A120406 | M6 | 4,0 | 5/32" | 5,0 | 7,5 | 12,0 | 6,35 | 166 | 122 | 25 | 640 | 4,9 |
| A120506 | M6 | 5,0 | 3/16" | 6,0 | 9,5 | 13,0 | 7,50 | 176 | 132 | 30 | 1000 | 5,9 |
| A120608 | M8 | 6,0 | - | 8,0 | 11,0 | 15,0 | 9,00 | 209 | 163 | 40 | 1400 | 10,4 |
| A120810 | M10 | 8,0 | 5/16" | 8,0 | 11,0 | 15,0 | 12,58 | 235 | 187 | 50 | 2300 | 18,7 |
| A121012 | M12 | 10,0 | - | 9,5 | 12,5 | 19,5 | 16,00 | 264 | 216 | 60 | 3600 | 31,8 |

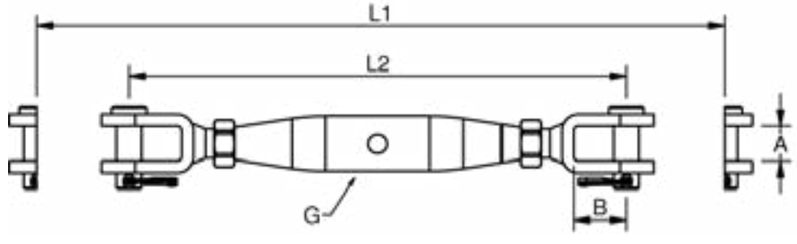



SWAGE PRESS CRIMP SCREW

## RIGGING SCREWS FORK-FORK - SMALL

Polished Stainless Steel - **AISI 316L**

| ART. NO. | G | PIN | A | B | L1 | L2 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|
| A12120505 | M5 | 5,0 | 7,5 | 12 | 143 | 106 | 800 | 3,7 |
| A12120506 | M6 | 5,0 | 7,5 | 12 | 155 | 111 | 1200 | 5,7 |
| A12120606 | M6 | 6,0 | 9,5 | 13 | 159 | 115 | 1200 | 6,7 |
| A12120808 | M8 | 8,0 | 11,0 | 15 | 186 | 140 | 2200 | 11,3 |
| A12121010 | M10 | 8,0 | 11,0 | 15 | 204 | 157 | 3200 | 19,2 |
| A12121212 | M12 | 9,5 | 12,0 | 19 | 248 | 200 | 5100 | 32,1 |




SWAGE PRESS CRIMP SCREW

As a alternative to wire systems, tie-bars may be used - especially for static structures such as balcony supports, glassed façade structures etc. Standard components are Adjuster forks and inside threaded connectors for tie-bars. The tie bars are available on request, can be delivered with or without key width as well as a polished or unpolished version. Adjuster eyes can also be delivered on request.

SWAGE PRESS CRIMP SCREW

SWAGE PRESS CRIMP SCREW

SWAGE PRESS CRIMP SCREW

## WDS ADJUSTER FORKS

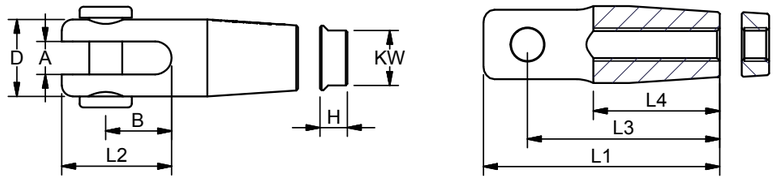
Polished Stainless Steel - **AISI 316**

Delivered with double Circlips clevis pins

| NO. RIGHT | NO. LEFT | G | PIN | A | B | H | D1 | L1 | L2 | L3 | L4 | KW | B.L./ KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C700606 | C710606 | M6 | 6 | 6 | 12,0 | 5 | 14 | 43 | 20,0 | 35,0 | 26 | 10 | 1200 | 3,7 |
| C700808 | C710808 | M8 | 8 | 7 | 15,0 | 7 | 18 | 54 | 25,5 | 43,5 | 32 | 13 | 2200 | 7,7 |
| C701010 | C711010 | M10 | 10 | 8 | 18,0 | 8 | 22 | 66 | 31,0 | 53,0 | 39 | 16 | 3400 | 14,6 |
| C701212 | C711212 | M12 | 12 | 10 | 22,0 | 10 | 26 | 78 | 37,0 | 63,0 | 46 | 19 | 5000 | 22,8 |
| C701616 | C711616 | M16 | 16 | 12 | 27,0 | 12 | 34 | 100 | 46,5 | 80,5 | 59 | 23 | 9400 | 51,5 |
| C702020 | C712020 | M20 | 20 | 15 | 33,5 | 14 | 42 | 122 | 57,5 | 98,0 | 72 | 29 | 14000 | 95,6 |
| C702224 | C712224 | M24 | 22 | 25 | 45,5 | 16 | 55 | 150 | 75,0 | 120,0 | 75 | 36 | 21000 | 178,6 |

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

Note: Threaded Tie Bars in various lengths are available on request

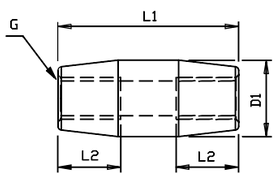



## CONNECTOR

Polished Stainless Steel - **AISI 316**

| ART. NO. | G | D1 | L1 | L2 | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|
| 087006 | M6 | 11,0 | 26 | 9 | 1200 | 1,2 | BULK |
| 087008 | M8 | 12,5 | 33 | 12 | 2200 | 1,8 | BULK |
| 087010 | M10 | 17,0 | 39 | 15 | 3400 | 4,0 | BULK |
| 087012 | M12 | 22,0 | 52 | 18 | 5000 | 9,6 | BULK |
| 087016 | M16 | 28,0 | 65 | 24 | 9400 | 19,3 | BULK |
| 087020 | M20 | 33,5 | 78 | 30 | 14000 | 32,2 | BULK |
| 087024 | M24 | 44,0 | 104 | 36 | 21000 | 79,0 | BULK |

Note: Threaded Tie Bars in various lengths are available on request




## Tie bar AISI 316

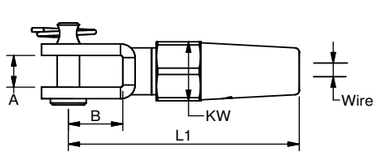
| ART. NO. | DIM MM |
|---|---|
| TIExxx | Ø 6-24 |

on request only

## WELDED SWAGELESS FORK TERMINALS

High Polished Stainless Steel - **AISI 316**

| ART. NO. | WIRE DIM. | PIN | A | B | L1 | KW | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|
| 840504 | 4 | 5 | 7,5 | 12 | 56,8 | 14 | 800 | 4,3 |
| 840505 | 5 | 5 | 7,5 | 12 | 56,8 | 14 | 800 | 4,5 |






WDS WIRE DESIGN SYSTEM
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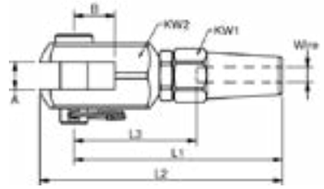
## SWAGELESS FORK TERMINALS

High Polished Stainless Steel - **AISI 316**

| ART. NO. | WIRE DIM. | PIN | A | B | L1 | L2 | L3 | KW1 | KW2 | B.L./ KG | KG/100 | ART.NO.RE-FIT JAWS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 840603 | 3 | 1/8" | 6 | 6 | 11 | 55 | 63 | 29 | 12 | 14 | 750 | 5,5 | 080003 |
| 840804 | 4 | 5/32" | 8 | 8 | 12 | 62 | 73 | 35 | 14 | 19 | 1500 | 7,3 | 080004 |
| 841005 | 5 | - | 10 | 10 | 15 | 72 | 83 | 42 | 16 | 22 | 2180 | 15 | 080005 |
| 841206 | 6 | 1/4" | 12 | 12 | 18 | 82 | 95 | 48 | 19 | 27 | 3700 | 23 | 080006 |
| 841207 | 7 | 9/32" | 12 | 12 | 18 | 102 | 115 | 55 | 21 | 29 | 4700 | 29 | 080007 |
| 841408 | 8 | 5/16" | 14 | 14 | 21 | 103 | 118 | 58 | 24 | 30 | 5600 | 38 | 080008 |
| 841610 | 10 | - | 16 | 16 | 24 | 117 | 135 | 70 | 27 | 36 | 8300 | 63 | 080010 |
| 841912 | 12 | - | 19 | 18 | 26 | 142 | 162 | 75 | 32 | 42 | 12000 | 97 | 080012 |
| 842214 | 14 | - | 22 | 21 | 30 | 162 | 191 | 88 | 36 | 46 | 14000 | 135 | 080014 |
| 842516 | 16 | - | 25 | 23 | 35 | 184 | 217 | 102 | 41 | 55 | 23000 | 215 | 080016 |

Note: All breakloads are determined by wedges (jaws) and clevis pin

Assembly instruction look at page 15




Safe, reliable and machine free swaging of wire, with the fastest swageless system on the market. The Blue Wave swageless fork terminals are Lloyds approved and ideal for site work where a professional swaging tool would normally be required.

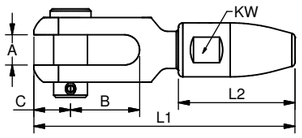
Register TA TYPE APPROVED

SWAGE PRESS CRIMP SCREW

## SWAGELESS FORK TERMINAL WITH CONE

Polished Stainless Steel - **AISI 316**

| ART. NO. | WIRE | PIN | A | B | C | KW | L1 | L2 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|---|
| 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 |




In addition to the Lloyds approved swageless system, the swageless cone terminal for 1x19 wire construction enables safe and reliable wire attachment up till Ø 26 mm diameter.

SWAGE PRESS CRIMP SCREW

## SPELTER SOCKET - FORK

Polished Stainless Steel - **AISI 316**

| ART. NO. | WIRE | PIN | A | B | C | D | L1 | L2 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|---|
| R842819 | 19 | 28 | 30 | 55 | 37 | 70 | 258 | 121 | 25500 | 327 |
| R843222 | 22 | 32 | 35 | 67 | 43 | 80 | 309 | 145 | 31000 | 485 |
| R843526 | 26 | 35 | 35 | 72 | 46 | 85 | 366 | 154 | 43000 | 685 |
| R844832 | 32 | 48 | 44 | 93 | 56 | 110 | 435 | 205 | 76000 | 1405 |

Note: All breakloads are determined by clevis pin

Also avalable with thread and eye on request

**Only on request**

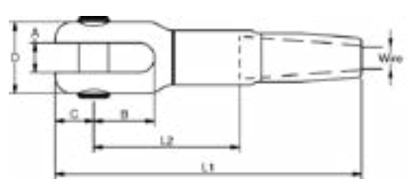
The spelter socket is a stainless steel product. Using the well known & tested method of brooming / spreading the wire and glueing it in a socket by use of Wirelock®, Blue Wave produces a flexible range of end fittings with high break loads and no need for special tools.

Assemble instructions see: www.bluewave.dk

Reg. Nr. 000534367

SWAGE PRESS CRIMP SCREW

Community Design Registration 2006





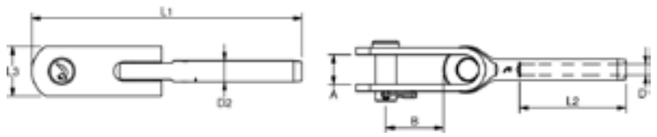

WDS WIRE DESIGN SYSTEM
www.bluewave.dk

## TOGGLE TERMINAL

Polished Stainless Steel - **AISI 316**

The flexible Blue Wave toggle terminal is marked with wire size & wire-hole depth making it easier to work with and to press or swage onto the wire. Its uses are for diagonal or angle installations and also to minimize the risk of fatigue due to sideway loads.

| ART. NO. | WIRE | DIM. | PIN | A | B | D1 | D2 | L1 | L2 | L3 | B.L. | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 500603 | 3 | 1/8" | 6,35 | 8 | 17 | 3,5 | 6,35 | 81 | 38 | 14 | 1300 | 4,3 | 10 |
| 500804 | 4 | 5/32" | 8,0 | 10 | 25 | 4,4 | 7,5 | 94 | 45 | 18 | 1700 | 7,3 | 10 |
| 509505 | 5 | 3/16" | 9,5 | 12 | 27 | 5,3 | 9,0 | 116 | 51 | 23 | 2400 | 13,8 | 10 |
| 501106X | 6 | - | 11,0 | 15 | 29 | 6,5 | 12,58 | 135 | 64 | 30 | 5500 | 27,3 | 10 |
| 501206X | 6 | | 12,7 | 18 | 33 | 6,5 | 12,58 | 151 | 64 | 30 | 5500 | 33,4 | 5 |
| 501207X | 7 | 9/32" | 12,7 | 18 | 33 | 7,5 | 14,2 | 157 | 70 | 30 | 6200 | 35,7 | 5 |
| 501208D | 8 | 5/16" | 12,7 | 18 | 33 | 8,4 | 13,0 | 170,5 | 83 | 30 | 4600 | 36,0 | 5 |
| 501308 | 8 | 5/16" | 12,7 | 18 | 33 | 8,4 | 16,0 | 170 | 83 | 30 | 6200 | 37,5 | 5 |
| 501608X | 8 | 5/16" | 15,9 | 20 | 41 | 8,4 | 16,0 | 198 | 83 | 35 | 8700 | 59,7 | 5 |
| 501610 | 10 | - | 15,9 | 20 | 41 | 10,5 | 17,8 | 192 | 89 | 35 | 9700 | 64,3 | 5 |
| 501910X | 10 | - | 19,0 | 24 | 43 | 10,5 | 17,8 | 228 | 100 | 40 | 9700 | 100,0 | BULK |
| 501912 | 12 | - | 19,0 | 24 | 43 | 12,5 | 20,0 | 220 | 105 | 40 | 11400 | 98,8 | BULK |
| 501912X | 12 | - | 19,0 | 24 | 43 | 12,5 | 21,4 | 240 | 120 | 40 | 13000 | 103,0 | BULK |
| 502214 | 14 | - | 22,0 | 26 | 47 | 14,8 | 25,0 | 277 | 140 | 50 | 15900 | 170,2 | BULK |
| 502516 | 16 | 5/8" | 25,4 | 29 | 60 | 17,0 | 28,0 | 313 | 160 | 60 | 19400 | 265,5 | BULK |
| 502819 | 19 | 3/4" | 28,0 | 34 | 63 | 20,0 | 34,5 | 399 | 200 | 60 | 25500 | 612,0 | BULK |
| 503222 | 22 | 7/8" | 32,0 | 40 | 73 | 23,5 | 40,4 | 463 | 230 | 75 | 31000 | 570,0 | BULK |
| 503526 | 26 | 1" | 36,0 | 44 | 80 | 27,5 | 46,0 | 518 | 280 | 85 | 43000 | 750,0 | BULK |




SWAGE PRESS CRIMP SCREW

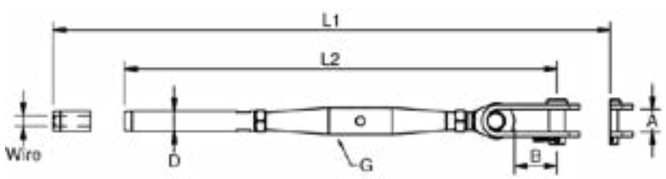
## RIGGING SCREWS TOGGLE-TERMINAL

Polished Stainless Steel - AISI 316

Blue Wave rigging screws bodies feature thread size, "easy use" marking for left and right threaded side and adjustment hole. From M20 upwards the bodies are available with chrome bronze threaded inserts and spanner flat on body, for smooth adjustment.

| ART. NO. | G | WIRE | PIN | A | B | D2 | L1 | L2 | B.L. | PACK |
|---|---|---|---|---|---|---|---|---|---|---|
| 320306 | M6 | 3 | 6,4 | 8 | 17 | 6,4 | 271 | 201 | 1200 | BULK |
| 320408 | M8 | 4 | 8,0 | 10 | 20 | 7,5 | 310 | 240 | 1700 | BULK |
| 320510 | M10 | 5 | 9,5 | 12 | 26 | 9,0 | 361 | 278 | 2500 | BULK |
| 320612X | M12 | 6 | 12,7 | 18 | 35 | 12,6 | 448 | 340 | 5100 | BULK |
| 320712X | M12 | 7 | 12,7 | 18 | 35 | 14,2 | 456 | 348 | 5100 | BULK |
| 320812X | M12 | 8 | 12,7 | 18 | 35 | 16,0 | 471 | 363 | 5100 | BULK |
| 320816X | M16 | 8 | 16,0 | 20 | 41 | 16,0 | 566 | 436 | 8000 | BULK |
| 321020X | M20 | 10 | 19,0 | 24 | 45 | 17,8 | 642 | 488 | 9700 | BULK |
| 321220X | M20 | 12 | 19,0 | 24 | 45 | 20,0 | 661 | 507 | 11400 | BULK |
| 321220XX | M20 | 12 | 19,0 | 24 | 45 | 21,4 | 677 | 523 | 14200 | BULK |
| 321422X | M22 | 14 | 22,0 | 26 | 49 | 25,0 | 808 | 627 | 15900 | BULK |
| 321624X | M24 | 16 | 25,4 | 29 | 59 | 28,0 | 963 | 730 | 19400 | BULK |
| 321927X | M27 | 19 | 28,0 | 34 | 60 | 34,5 | 1071 | 836 | 25500 | BULK |
| 322230X | M30 | 22 | 32,0 | 40 | 69 | 40,5 | 1193 | 931 | 31000 | BULK |
| 322636X | M36 | 26 | 36,0 | 44 | 77 | 46,0 | 1319 | 1045 | 43000 | BULK |

Note: All breakloads are determined by Clevis Pin& thread




SWAGE PRESS CRIMP SCREW



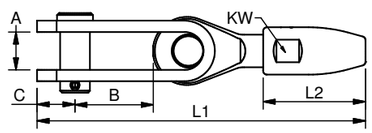
WDS WIRE DESIGN SYSTEM
www.bluewave.dk

## SWAGELESS TOGGLE TERMINAL WITH CONE

Polished Stainless Steel - **AISI 316L**

In addition to the Lloyds approved swageless system, the swageless cone terminal for 1x19 wire construction enables safe and reliable wire attachment up till Ø 26 mm diameter.

| ART. NO. | WIRE | | PIN | A | B | C | KW | L1 | L2 | BL/KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SC830804 | 4 | 5/32" | 8 | 10 | 20 | 9 | 12 | 85 | 27 | 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 | 6000 | 42,5 |
| SC831608 | 8 | 5/16" | 16 | 20 | 41 | 20 | 22 | 173 | 54 | 8000 | 64,7 |
| SC831695 | - | 3/8" | 16 | 20 | 41 | 20 | 27 | 187 | 64 | 9800 | 77,5 |
| SC831995 | - | 3/8" | 19 | 24 | 45 | 25 | 27 | 202 | 64 | 11000 | 110,3 |
| SC831610 | 10 | - | 16 | 20 | 41 | 20 | 27 | 187 | 64 | 9800 | 77,4 |
| 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 |

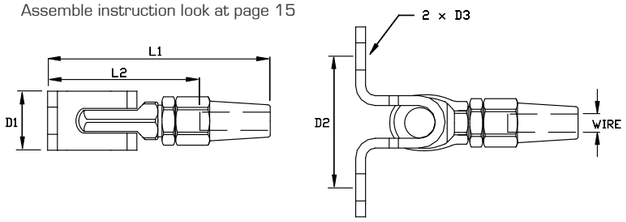



## SWAGELESS WALL TOGGLE

Polished Stainless Steel - **AISI 316**

| ART. NO. | WIRE | D1 | D2 | D3 | L1 | L2 | B.L./KG | KG/100 | ART.NO. RE-FIT JAWS |
|---|---|---|---|---|---|---|---|---|---|
| 831503 | 3 | 14 | 40 | Ø6,4 | 64 | 43 | 700 | 5,8 | 080003 |
| 831504 | 4 | 18 | 44 | Ø8,3 | 79 | 50 | 1500 | 9,2 | 080004 |

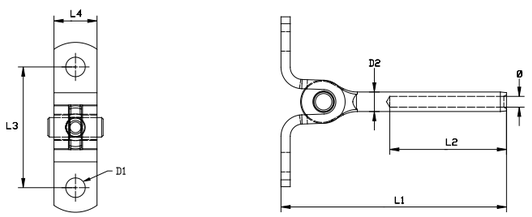
Assemble instruction look at page 15




## WALL TOGGLE TERMINAL

Polished Stainless Steel - **AISI 316**

| ART. NO. | WIRE DIM. | D1 | D2 | L1 | L2 | L3 | L4 | Ø | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 191503 | 3 | 6,4 | 6,4 | 74 | 38 | 40 | 14 | 3,5 | 1250 | 4,0 | BULK |




SWAGE PRESS CRIMP SCREW

Safe, reliable and machine free swaging of wire, with the fastest swageless system on the market. The swageless wall toggle terminal is easy to use and ideal for site work where a flexible wire termination is required.

Lloyds Register TA TYPE APPROVED

SWAGE PRESS CRIMP SCREW

The flexible wall toggle terminal is marked with wire size & wire-hole depth for ease of use.

SWAGE PRESS CRIMP SCREW



WDS WIRE DESIGN SYSTEM
www.bluewave.dk

## TOGGLES

Polished Stainless Steel - **AISI 316**

For lengthening the wire, or adding flexibility to installations, the toggles can be applied. Where a structure is subjected to stress the use of a toggle is essential as it can minimise the fatigue risk.

| ART. NO. | PIN | A | B | C | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|
| 140006 | 6,0 | 7,5 | 28 | 6,5 | 1800 | 2,3 | 10 |
| 140008 | 8,0 | 8,5 | 34 | 7,5 | 2600 | 4,0 | 10 |
| 140010 | 9,5 | 10,5 | 45 | 9,5 | 4000 | 5,9 | 10 |
| 140011 | 11,0 | 11,5 | 50 | 10,5 | 4800 | 8,5 | 10 |
| 140012 | 12,0 | 13,5 | 56 | 12,0 | 5800 | 12,4 | 10 |
| 140016 | 16,0 | 17,0 | 63 | 15,0 | 8000 | 22,5 | BULK |
| 140019 | 19,0 | 21,0 | 69 | 18,0 | 13000 | 40,7 | BULK |
| 140022 | 22,0 | 25,0 | 111 | 25,0 | 17000 | 80,2 | BULK |

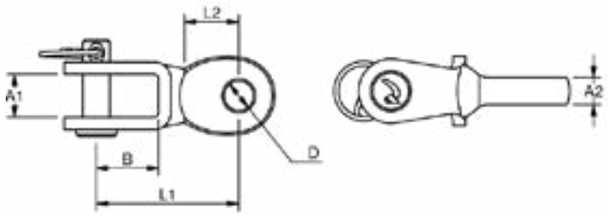
Note: All breakloads are determined by clevis pin


## TOGGLES WITH EYE

Polished Stainless Steel - **AISI 316**

| ART. NO. | PIN | A | B | D | L1 | L2 | T | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|
| 140506 | 5 | 7,5 | 12 | 5,5 | 26 | 9 | 5 | 1300 | 1,8 | 25 |
| 140608 | 6 | 9,5 | 13 | 6,5 | 32 | 10 | 6 | 1800 | 3 | 10 |
| 140810 | 8 | 11 | 15 | 8,5 | 36 | 12 | 8 | 3200 | 5,5 | 10 |
| 141011 | 9,5 | 12 | 19 | 10,0 | 45 | 16 | 9 | 3500 | 7,2 | 10 |
| 141111 | 11 | 13 | 23 | 11,5 | 51 | 17 | 9 | 5200 | 12,1 | 10 |
| 141214 | 12 | 14 | 25 | 13,0 | 59 | 23 | 10 | 5900 | 14,5 | 10 |
| 141616 | 14 | 22 | 30 | 14,5 | 78 | 28 | 14 | 7500 | 28 | 10 |

Note: All breakloads are determined by clevis pin.




## DYNEEMA ROPE EYE

Polished Stainless Steel - **AISI 316**

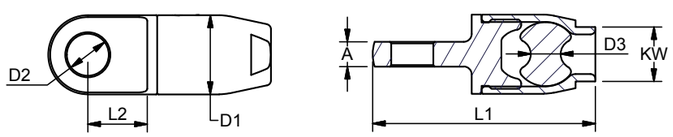
Benefitting from the knowledge on wire rope fittings Blue Wave has designed a fitting for use with Dyneema ropes. The eye can be used for Ø 4 mm to Ø 16 mm Dyneema rope and combined with other Blue Wave fittings!

Separate rope folder available on request.

**PATENT PENDING**

No. 16171384.7-1751

| ART. NO. | DYNEEMA | A | D1 | D2 | D3 | KW | L1 | L2 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|---|
| RP820804 | Ø4 | 5 | 16 | 8,5 | 6 | 11 | 45 | 12 | 1900 | 3,8 |
| RP821005 | Ø5 | 6 | 21 | 10,5 | 8 | 16 | 58,5 | 14,5 | 3200 | 8,5 |
| RP821206 | Ø6 | 9 | 25 | 13 | 10 | 19 | 71 | 17,5 | 5500 | 15,5 |
| RP821408 | Ø8 | 10 | 39 | 14,5 | 16 | 29 | 103,5 | 29,5 | 9400 | 47,2 |
| RP821610 | Ø10 | 13 | 45 | 16,2 | 18 | 33 | 120 | 34 | 15000 | 75,5 |
| RP821912 | Ø12 | 15 | 54 | 19,5 | 21 | 40 | 136,5 | 38 | 18000 | 117,1 |
| RP822214 | Ø14 | 18 | 65 | 23 | 26 | 47 | 163 | 42 | 26000 | 207,5 |
| RP822516 | Ø16 | 20 | 77 | 26 | 30 | 55 | 192 | 58 | 32000 | 302,2 |





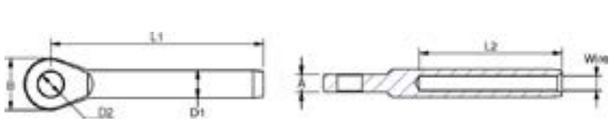



## EYE TERMINALS

Polished Stainless Steel - **AISI 316**

Blue Wave Eye terminals are engraved with the wire size and swage depth, making them easier to work with and to press or swage onto the wire. Eyes are mainly used as an attachment to rigging screws or forks.

| ART. NO. | WIRE | | A | B | D1 | D2 | L1 | L2 | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 190002 | 2 | 1/16" | 3 | 13 | 5,50 | 5,5 | 49 | 32 | 1200 | 0,9 | 100 |
| 190025 | 2,5 | 3/32" | 3 | 13 | 5,50 | 5,5 | 49 | 32 | 1000 | 0,8 | 100 |
| 190003 | 3 | 1/8" | 4 | 14 | 6,35 | 6,5 | 60 | 38 | 1300 | 1,3 | 100 |
| 190004 | 4 | 5/32" | 5 | 17 | 7,50 | 8,5 | 67 | 45 | 1700 | 2,3 | 100 |
| 190005 | 5 | 3/16" | 6 | 21 | 9,00 | 10,5 | 79 | 51 | 2400 | 3,9 | 25 |
| 190006 | 6 | - | 8 | 25 | 12,58 | 13,0 | 94 | 64 | 5500 | 8,7 | 10 |
| 190006X | 6 | - | 10 | 28 | 12,58 | 13,2 | 105 | 64 | 5500 | 11,2 | 10 |
| 190007 | 7 | 9/32" | 9 | 27 | 14,20 | 13,0 | 104 | 70 | 6800 | 11,5 | 10 |
| 190007X | 7 | 9/32" | 10 | 28 | 14,20 | 13,2 | 110 | 70 | 6800 | 13,5 | 10 |
| 190008 | 8 | 5/16" | 10 | 30 | 16,00 | 14,5 | 124 | 83 | 8000 | 17,0 | 10 |
| 190008D | 8 | 5/16" | 10 | 30 | 13,00 | 14,5 | 123,5 | 83 | 4600 | 13,5 | 10 |
| 190008X | 8 | 5/16" | 12 | 36 | 16,00 | 16,5 | 141 | 83 | 8700 | 23,5 | 10 |
| 190010 | 10 | - | 11 | 35 | 17,80 | 16,3 | 137 | 89 | 9700 | 25,0 | 10 |
| 190010X | 10 | - | 16 | 40 | 17,80 | 19,5 | 165 | 100 | 9700 | 38,0 | 10 |
| 190012 | 12 | - | 15 | 40 | 20,00 | 19,3 | 156 | 105 | 11400 | 41,5 | 5 |
| 190012X | 12 | - | 15 | 42 | 21,40 | 19,3 | 178 | 120 | 14200 | 41,0 | 5 |
| 190014 | 14 | - | 18 | 47 | 25,00 | 23,0 | 206 | 140 | 15900 | 75,6 | 5 |
| 190016 | 16 | - | 20 | 53 | 28,00 | 26,0 | 232 | 160 | 19000 | 102,0 | 5 |
| 190019 | 19 | - | 25 | 65 | 34,50 | 28,5 | 302 | 200 | 31000 | 209,0 | BULK |
| 190022 | 22 | - | 30 | 70 | 40,40 | 33,0 | 348 | 230 | 42000 | 314,0 | BULK |
| 190026 | 26 | | 30 | 77 | 46,00 | 36,0 | 400 | 280 | 53000 | 425,0 | BULK |




SWAGE PRESS CRIMP SCREW

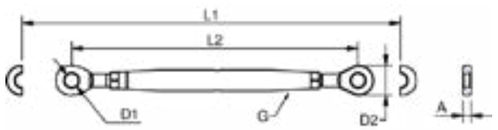
## RIGGINS SCREWS EYE-EYE

Polished Stainless Steel - **AISI 316**

| ART. NO. | G | A | D1 | D2 | L1 | L2 | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|
| 191905 | M5 | 3,0 | 5,5 | 12,0 | 190 | 131 | 800 | 4 | 10,0 |
| 191906 | M6 | 4,0 | 6,5 | 14,0 | 204 | 136 | 1200 | 11 | 10,0 |
| 191908 | M8 | 5,0 | 8,5 | 17,0 | 244 | 164 | 2200 | 14 | 5,0 |
| 191910 | M10 | 6,0 | 10,5 | 22,0 | 270 | 187 | 3500 | 23 | 5,0 |
| 191912 | M12 | 8,0 | 13,0 | 25,0 | 334 | 226 | 5100 | 38 | 5,0 |
| 191914 | M14 | 9,0 | 13,0 | 28,0 | 376 | 257 | 6800 | 51 | BULK |
| 191916 | M16 | 10,0 | 14,5 | 31,0 | 408 | 278 | 9400 | 73 | BULK |
| 191920 | M20 | 15,0 | 19,5 | 40,0 | 488 | 334 | 14700 | 105 | BULK |
| 191922 | M22 | 18,0 | 23,0 | 47,0 | 597 | 416 | 15200 | 354 | BULK |
| 191924 | M24 | 20,0 | 26,0 | 53,0 | 713 | 480 | 17700 | 670 | BULK |
| 191927 | M27 | 25,0 | 28,5 | 65,0 | 759 | 527 | 23000 | 710 | BULK |
| 191930 | M30 | 30,0 | 33,0 | 70,0 | 861 | 581 | 28000 | 991 | BULK |
| 191936 | M36 | 30,0 | 36,0 | 80,0 | 892 | 618 | 41000 | 1288 | BULK |

Note: All breakloads are determined by eye (D1) & thread

M20 > M36 Available with threaded Bronze inserts in a S/S Body



## RIGGING SCREWS EYE-FORK

Polished Stainless Steel - **AISI 316**

| ART. NO. | G | PIN | A1 | B | A2 | D1 | D2 | L1 | L2 | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 191205 | M5 | 5,0 | 7,5 | 12 | 3 | 5,5 | 12 | 188 | 129 | 800 | 4,2 | BULK |
| 191206 | M6 | 5,0 | 7,5 | 12 | 4 | 6,5 | 14 | 206 | 138 | 1000 | 6,3 | BULK |
| 191208 | M8 | 6,0 | 9,5 | 13 | 5 | 8,5 | 17 | 244 | 164 | 1600 | 13,0 | BULK |
| 191210 | M10 | 8,0 | 11,0 | 15 | 6 | 10,5 | 21 | 271 | 188 | 3200 | 21,9 | BULK |
| 191212 | M12 | 12,0 | 14,5 | 25 | 8 | 13,0 | 25 | 343 | 235 | 5100 | 44,0 | BULK |
| 191214 | M14 | 12,0 | 14,5 | 25 | 9 | 13,0 | 28 | 381 | 262 | 6900 | 60,0 | BULK |
| 191216 | M16 | 14,0 | 18,0 | 33 | 10 | 14,5 | 31 | 426 | 296 | 9400 | 85,6 | BULK |
| 191220 | M20 | 19,0 | 24,0 | 50 | 15 | 19,5 | 40 | 518 | 364 | 14000 | 169,3 | BULK |
| 191222 | M22 | 22,0 | 30,0 | 57 | 18 | 23,0 | 47 | 625 | 444 | 15200 | 398,5 | BULK |
| 191224 | M24 | 25,4 | 30,0 | 62 | 20 | 26,0 | 53 | 741 | 508 | 17700 | 580.0 | BULK |

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



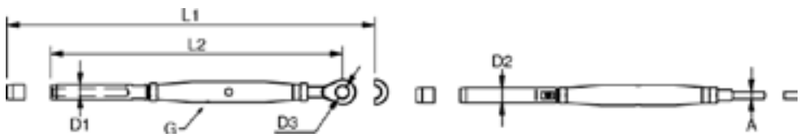

## RIGGINS SCREWS EYE-TERMINAL

Polished Stainless Steel - AISI 316

| ART. NO. | G | WIRE | A | D1 | D2 | D3 | L1 | L2 | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 190205 | M5 | 2 | 3 | 2,2 | 5,5 | 5,5 | 213 | 151 | 800 | 3,7 | BULK |
| 192505 | M5 | 2,5 | 3 | 2,8 | 5,5 | 5,5 | 213 | 151 | 800 | 3,4 | BULK |
| 190306 | M6 | 3 | 4 | 3,5 | 6,4 | 6,5 | 234 | 166 | 1200 | 6,3 | BULK |
| 190406 | M6 | 4 | 4 | 4,4 | 7,5 | 6,5 | 244 | 176 | 1200 | 6,7 | BULK |
| 190408 | M8 | 4 | 5 | 4,4 | 7,5 | 8,5 | 282 | 202 | 1700 | 12,4 | BULK |
| 190508 | M8 | 5 | 5 | 5,3 | 9,0 | 8,5 | 288 | 208 | 2200 | 13,4 | BULK |
| 190510 | M10 | 5 | 6 | 5,3 | 9,0 | 10,5 | 311 | 227 | 2500 | 19,5 | BULK |
| 190610 | M10 | 6 | 6 | 6,5 | 12,6 | 10,5 | 326 | 242 | 3400 | 23,4 | BULK |
| 190612 | M12 | 6 | 8 | 6,5 | 12,6 | 13,0 | 379 | 271 | 5000 | 38,5 | BULK |
| 190712 | M12 | 7 | 8 | 7,5 | 14,2 | 13,0 | 387 | 279 | 5000 | 40,8 | BULK |
| 190812 | M12 | 8 | 8 | 8,4 | 16,0 | 13,0 | 400 | 292 | 5000 | 51,1 | BULK |
| 190714 | M14 | 7 | 9 | 7,5 | 14,2 | 13,0 | 432 | 314 | 6800 | 46,7 | BULK |
| 190814 | M14 | 8 | 9 | 8,4 | 16,0 | 13,0 | 446 | 328 | 6800 | 55,1 | BULK |
| 190816 | M16 | 8 | 10 | 8,4 | 16,0 | 14,5 | 478 | 350 | 8700 | 74,6 | BULK |
| 191016 | M16 | 10 | 10 | 10,5 | 17,8 | 14,5 | 495 | 367 | 9400 | 86,6 | BULK |
| 191020 | M20 | 10 | 15 | 10,5 | 17,8 | 19,3 | 593 | 405 | 9700 | 126,9 | BULK |
| 1912T20 | M20 | 12 | 15 | 12,5 | 20,0 | 19,5 | 573 | 419 | 11500 | 136,9 | BULK |
| 1912T20X | M20 | 12 | 15 | 12,5 | 21,4 | 19,5 | 599 | 435 | 14200 | 152,8 | BULK |
| 191422X | M22 | 14 | 18 | 14,8 | 25,0 | 23,0 | 708 | 527 | 15200 | 163,8 | BULK |
| 191624X | M24 | 16 | 20 | 17,0 | 28,0 | 26,0 | 846 | 613 | 17700 | 233,6 | BULK |
| 191927X | M27 | 19 | 25 | 20,0 | 34,5 | 29,0 | 934 | 702 | 23000 | 394,0 | BULK |
| 192230X | M30 | 22 | 30 | 23,5 | 40,5 | 33,0 | 1057 | 777 | 28000 | 1090,4 | BULK |
| 192636X | M36 | 26 | 30 | 27,5 | 46,0 | 36,0 | 1150 | 873 | 41000 | 1446,8 | BULK |

M20 > M36 Available with threaded bronze inserts in a s/s body

SWAGE PRESS CRIMP SCREW







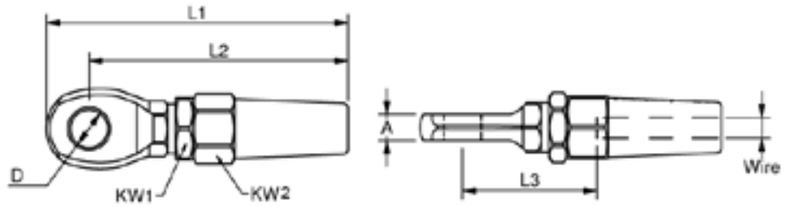

## SWAGELESS EYE TERMINALS

High Polished Stainless Steel - **AISI 316**

| ART. NO. | WIRE | A | D1 | L1 | L2 | L3 | KW1 | KW2 | B.L./KG | KG/100 | ART.NO. RE-FIT JAWS |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 821903 | 3 1/18" | 5,5 | 6,3 | 58 | 50 | 26,5 | 10 | 12 | 750 | 4,0 | 080003 |
| 821904 | 4 5/32" | 7 | 8,3 | 68 | 58 | 31,0 | 13 | 14 | 1500 | 7,3 | 080004 |
| 821905 | 5 - | 8 | 10,3 | 81 | 70 | 37,0 | 14 | 16 | 2180 | 9,8 | 080005 |
| 821906 | 6 1/4" | 9 | 12,3 | 97 | 83 | 45,0 | 17 | 19 | 3700 | 15,0 | 080006 |
| 821907 | 7 9/32" | 9 | 12,3 | 105 | 89 | 50,5 | 18 | 21 | 4700 | 21,2 | 080007 |
| 821908 | 8 5/16" | 10 | 14,3 | 114 | 97,5 | 52,5 | 19 | 24 | 5600 | 28,1 | 080008 |
| 821910 | 10 - | 13 | 16,3 | 135 | 116 | 65,0 | 24 | 27 | 8300 | 46,0 | 080010 |
| 821912 | 12 - | 15 | 19,5 | 160 | 137 | 71,5 | 27 | 32 | 12000 | 72,0 | 080012 |
| 821914 | 14 - | 18 | 22 | 185 | 160 | 85,0 | 30 | 36 | 14000 | 110,0 | 080014 |
| 821916 | 16 - | 20 | 25 | 197 | 170 | 98,0 | 32 | 41 | 23000 | 160,0 | 080016 |

Note: All breakloads are determined by wedges (jaws) and eye (D2)

Assembly instruction look at page 15



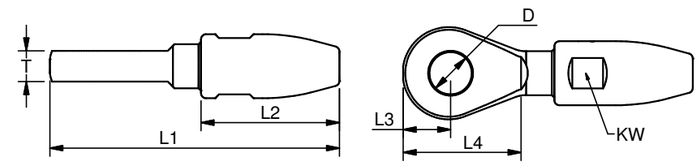

Safe, reliable and machine free swaging of wire, with the fastest swageless system on the market.
The Blue Wave swageless eye terminals are Lloyds approved and ideal for site work where a professional swaging tool would normally be required.

Lloyd's Register TA TYPE APPROVED

## SWAGELESS EYE TERMINAL WITH CONE

Stainless Steel - **AISI 316**

| ART.NO. | WIRE | | D | T | KW | L1 | L2 | L3 | L4 | BL/KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |




SWAGE PRESS CRIMP SCREW

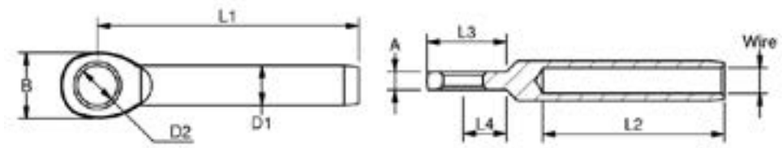


In addition to the Lloyds approved swageless system, the swageless cone terminal for 1x19 wire construction enables safe and reliable wire attachment up till Ø 26 mm diameter.

## EYE TERMINALS - SMALL

Stainless Steel - **AISI 316**

| ART.NO. | WIRE | | B | D1 | D2 | L1 | L2 | L3 | L4 | A | KG/100 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A200503 | 3,0 | 1/8" | 9 | 5,5 | 5,3 | 36 | 25 | 11 | 6,0 | 2,50 | 0,5 |
| A200504 | 4,0 | 5/32" | 10 | 6,4 | 5,3 | 38 | 25 | 12 | 6,5 | 3,00 | 0,7 |
| A200505 | 5,0 | 3/16" | 11 | 7,5 | 5,3 | 43 | 30 | 13 | 7,0 | 3,75 | 1,0 |
| A200606 | 6,0 | - | 14 | 9,0 | 6,3 | 62 | 40 | 16 | 8,5 | 4,50 | 1,9 |




SWAGE PRESS CRIMP SCREW

Blue Wave's small Eye terminals are for lighter architectural terminations . The focus of the design is the size.Overall dimensions have thus been reduced to a minimum. The small fittings are suitable for hand crimping with Blue Wave Arctool Acc1 & Arctool8, see page 61, or roll swaged using a standard machine and smaller die.

SWAGE PRESS CRIMP SCREW

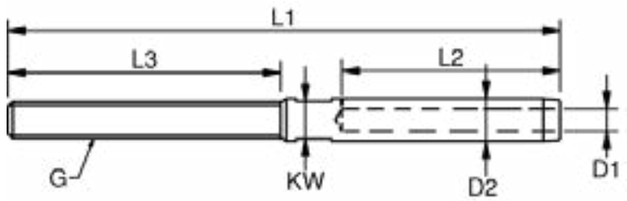
# THREAD TERMINALS

Stainless Steel - **AISI 316**

| | NO. RIGHT | NO. LEFT | G | WIRE | D1 | D2 | L1 | L2 | L3 | KW | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 900205 | 910205 | M5 | 2 | 2,2 | 5,50 | 87 | 32 | 42 | 4,5 | 800 | 1,4 | BULK |
| | 902505 | 912505 | M5 | 2,5 | 2,8 | 5,50 | 87 | 32 | 42 | 4,5 | 800 | 1,5 | BULK |
| | 900306 | 910306 | M6 | 3 | 3,5 | 6,35 | 100 | 38 | 48 | 5,0 | 1200 | 2,0 | BULK |
| | 900406 | 910406 | M6 | 4 | 4,4 | 7,50 | 110 | 45 | 48 | 6,0 | 1200 | 2,4 | BULK |
| | 900408 | 910408 | M8 | 4 | 4,4 | 7,50 | 117 | 45 | 57 | 6,0 | 1700 | 3,0 | BULK |
| | 900508 | 910508 | M8 | 5 | 5,3 | 9,00 | 123 | 51 | 57 | 7,0 | 2200 | 4,0 | BULK |
| | 900510 | 910510 | M10 | 5 | 5,3 | 9,00 | 130 | 51 | 63 | 7,0 | 2500 | 4,5 | BULK |
| | 900610 | 910610 | M10 | 6 | 6,5 | 12,58 | 145 | 64 | 63 | 11,0 | 3500 | 8,4 | BULK |
| | 900612 | 910612 | M12 | 6 | 6,5 | 12,58 | 162 | 64 | 80 | 11,0 | 5100 | 11,0 | BULK |
| | 900712 | 910712 | M12 | 7 | 7,5 | 14,20 | 170 | 70 | 80 | 12,0 | 5100 | 13,3 | BULK |
| | 900714 | 910714 | M14 | 7 | 7,5 | 14,20 | 180 | 70 | 89 | 12,0 | 6800 | 16,0 | BULK |
| | 900812 | 910812 | M12 | 8 | 8,4 | 16,00 | 185 | 83 | 80 | 14,0 | 5100 | 19,2 | BULK |
| | 900814 | 910814 | M14 | 8 | 8,4 | 16,00 | 194 | 83 | 89 | 14,0 | 6900 | 20,0 | BULK |
| | 900816 | 910816 | M16 | 8 | 8,4 | 16,00 | 203 | 83 | 100 | 14,0 | 8700 | 23,0 | BULK |
| | 901016 | 911016 | M16 | 10 | 10,5 | 17,80 | 210 | 89 | 100 | 15,0 | 9400 | 35,0 | BULK |
| | 901020 | 911020 | M20 | 10 | 10,5 | 17,80 | 230 | 89 | 120 | 15,0 | 9700 | 35,0 | BULK |
| | 901220 | 911220 | M20 | 12 | 12,5 | 20,00 | 249 | 105 | 120 | 17,0 | 11400 | 45,0 | BULK |
| | 901220X | | M20 | 12 | 12,5 | 21,40 | 265 | 120 | 120 | 19,0 | 14200 | 50,0 | BULK |
| | 901422 | 911422 | M22 | 14 | 14,8 | 25,00 | 308 | 140 | 140 | 22,0 | 15900 | 76,8 | BULK |
| | 901622 | 911622 | M22 | 16 | 17,0 | 28,00 | 333 | 160 | 140 | 25,0 | 18200 | 97,8 | BULK |
| | 901624 | 911624 | M24 | 16 | 17,0 | 28,00 | 363 | 160 | 170 | 25,0 | 19400 | 111,0 | BULK |
| | 901927 | 911927 | M27 | 19 | 20,0 | 34,50 | 425 | 200 | 180 | 30,0 | 23000 | 209.0 | BULK |
| | 902230 | 912230 | M30 | 22 | 23,5 | 40,50 | 480 | 230 | 200 | 36,0 | 28000 | 314,0 | BULK |
| | 902636 | 912636 | M36 | 26 | 27,5 | 46,00 | 550 | 280 | 220 | 41,0 | 41000 | 470,0 | BULK |
| | 902230 | 912230 | M30 | 22 | 23,5 | 40,50 | 480 | 230 | 200 | 36,0 | 28000 | 314,0 | BULK |
| * | 902842 | 912842 | M42 | 28 | 29,5 | 50,00 | 600 | 300 | 250 | 45,0 | 70000 | 651,8 | BULK |
| * | 903248 | 913248 | M48 | 32 | 33,5 | 58,00 | 680 | 340 | 280 | 53,0 | 90000 | 969,6 | BULK |
| * | 903652 | 913652 | M52 | 36 | 37,5 | 65,00 | 760 | 380 | 310 | 60,0 | 110000 | 1328,9 | BULK |

* Note: Material 1.4462 (SAF 2205) Recommendable with A500 Swaging machine.

The wide range of threaded Blue Wave terminals are engraved with wire size and swage depth making them easy to use when pressing or swaging them onto the wire. The terminals are available with left handed or right handed threads, and also. on request, with split pin hole (see details below on this page), or UNF thread! Threaded terminals are used to put tension on a wire, either with the help of nuts and washers or as part of a rigging screw.



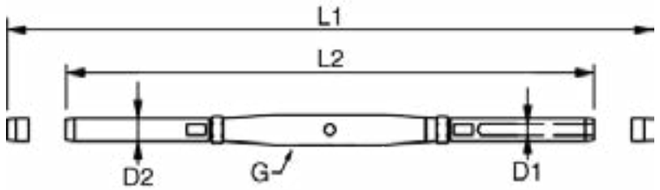

SWAGE PRESS CRIMP SCREW

# RIGGINS SCREWS TERMINAL-TERMINAL

Polished Stainless Steel - **AISI 316**

| ART. NO. | G | WIRE | D1 | D2 | L1 | L2 | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|
| 120205T | M5 | 2,0 | 2,2 | 5,5 | 239 | 178 | 800 | 4 | BULK |
| 122505T | M5 | 2,5 | 2,8 | 5,5 | 239 | 178 | 800 | 4 | BULK |
| 120306T | M6 | 3,0 | 3,5 | 6,4 | 274 | 204 | 1200 | 6 | BULK |
| 120406T | M6 | 4,0 | 4,4 | 7,5 | 284 | 214 | 1200 | 8 | BULK |
| 120408T | M8 | 4,0 | 4,4 | 7,5 | 312 | 242 | 1700 | 13 | BULK |
| 120508T | M8 | 5,0 | 5,3 | 9,0 | 328 | 258 | 2200 | 15 | BULK |
| 120510T | M10 | 5,0 | 5,3 | 9,0 | 350 | 267 | 2500 | 21 | BULK |
| 120610T | M10 | 6,0 | 6,5 | 12,6 | 380 | 297 | 3500 | 21 | BULK |
| 120612T | M12 | 6,0 | 6,5 | 12,6 | 410 | 327 | 5100 | 42 | BULK |
| 120712T | M12 | 7,0 | 7,5 | 14,2 | 454 | 346 | 5100 | 47 | BULK |
| 120714T | M14 | 7,0 | 7,5 | 14,2 | 488 | 369 | 6800 | 57 | BULK |
| 120812T | M12 | 8,0 | 8,4 | 16,0 | 490 | 382 | 5100 | 55 | BULK |
| 120814T | M14 | 8,0 | 8,4 | 16,0 | 521 | 402 | 6900 | 65 | BULK |
| 120816T | M16 | 8,0 | 8,4 | 16,0 | 548 | 418 | 8700 | 83 | BULK |
| 121016T | M16 | 10,0 | 10,5 | 17,8 | 566 | 436 | 9400 | 87 | BULK |
| 121020T | M20 | 10,0 | 10,5 | 17,8 | 620 | 466 | 9700 | 135 | BULK |
| 121220T | M20 | 12,0 | 12,5 | 20,0 | 658 | 504 | 11400 | 149 | BULK |
| 121220XT | M20 | 12,0 | 12,5 | 21,4 | 658 | 504 | 14200 | 149 | BULK |
| 121422T | M22 | 14,0 | 14,8 | 25,0 | 820 | 639 | 15900 | 378 | BULK |
| 121622T | M22 | 16,0 | 17,0 | 28,0 | 870 | 689 | 18000 | 416 | BULK |
| 121624T | M24 | 16,0 | 17,0 | 28,0 | 979 | 746 | 19400 | 553 | BULK |
| 121927T | M27 | 19,0 | 20,0 | 34,8 | 1114 | 879 | 23000 | 801 | BULK |
| 122230T | M30 | 22,0 | 23,5 | 40,5 | 1245 | 983 | 28000 | 1179 | BULK |
| 122636T | M36 | 26,0 | 27,5 | 46,0 | 1402 | 1128 | 41000 | 1589 | BULK |

M20 > M36 Available with threaded Bronze inserts in a S/S Body




SWAGE PRESS CRIMP SCREW

## SWAGELESS THREAD TERMINALS

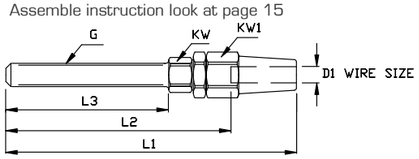
Polished Stainless Steel - **AISI 316**

Safe, reliable and machine free swaging of wire, with the fastest swageless system on the market.
The threaded swageless terminal is easy to use and ideal for site work where a professional swaging would normally be required. The swageless thread terminal is Lloyds approved and also available, on request, with UNF thread!

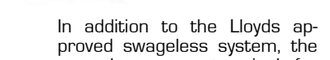
| NO. RIGHT | NO. LEFT | G | WIRE | L1 | L2 | L3 | KW | KW1 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|---|
| 800305 | 810305 | M5 | 3 | 79 | 58 | 42 | 10 | 12 | 750 | 4,2 |
| 800306 | 810306 | M6 | 3 | 85 | 63 | 47 | 10 | 12 | 750 | 4,5 |
| 800406 | 810406 | M6 | 4 | 92 | 63 | 47 | 12 | 14 | 1200 | 5,6 |
| 800408 | 810408 | M8 | 4 | 102 | 72 | 57 | 12 | 14 | 1500 | 6,6 |
| 800508 | 810508 | M8 | 5 | 111 | 78 | 57 | 13 | 16 | 2180 | 9,0 |
| 800510 | 810510 | M10 | 5 | 117 | 84 | 63 | 13 | 16 | 2180 | 10,0 |
| 800610 | 810610 | M10 | 6 | 128 | 90 | 63 | 16 | 19 | 3500 | 15,0 |
| 800612 | 810612 | M12 | 6 | 145 | 107 | 80 | 16 | 19 | 3700 | 17,0 |
| 800712 | 810712 | M12 | 7 | 153 | 110 | 80 | 18 | 21 | 4700 | 22,0 |
| 800714 | 810714 | M14 | 7 | 162 | 119 | 89 | 18 | 21 | 4700 | 25,0 |
| 800812 | 810812 | M12 | 8 | 162 | 107 | 80 | 19 | 24 | 5100 | 28,0 |
| 800814 | 810814 | M14 | 8 | 171 | 122 | 89 | 19 | 24 | 5600 | 31,0 |
| 800816 | 810816 | M16 | 8 | 182 | 133 | 100 | 19 | 24 | 5600 | 40,0 |
| 801016 | 811016 | M16 | 10 | 190 | 139 | 100 | 24 | 27 | 8300 | 48,0 |
| 801220 | 811220 | M20 | 12 | 227 | 159 | 120 | 27 | 32 | 12000 | 79,0 |
| 801422 | 811422 | M22 | 14 | 264 | 191 | 140 | 30 | 36 | 17000 | 124,0 |
| 801624 | 811624 | M24 | 16 | 308 | 227 | 170 | 32 | 41 | 21000 | 175,0 |

Note: All breakloads are determined by wedges (jaws) and thread

Assemble instruction look at page 15




SWAGE PRESS CRIMP SCREW

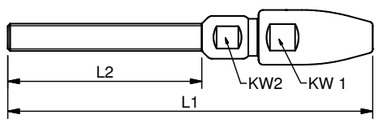


## SWAGLESS THREAD TERMINAL WITH CONE

Stainless Steel **AISI 316**

In addition to the Lloyds approved swageless system, the swageless cone terminal for 1x19 wire construction enables safe and reliable wire attachment up till Ø 26 mm diameter.

| ART. NO | WIRE | THREAD | KW1 | KW2 | L1 | L2 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|
| SC801624 | 16 - 5/8" | M24 | 42 | 32 | 318 | 170 | 21000 | 198,4 |
| SC801927 | 19 - 3/4" | M27 | 44 | 34 | 344 | 180 | 23000 | 256,8 |
| SC802230 | 22 - 7/8" | M30 | 50 | 41 | 392 | 200 | 28000 | 367,8 |
| SC802636 | 26 - 1" | M36 | 66 | 50 | 446 | 220 | 41000 | 698,2 |



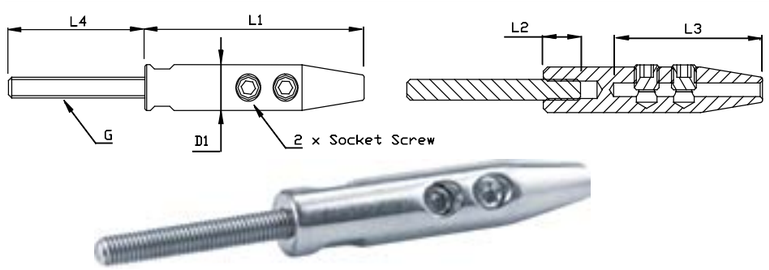

SWAGE PRESS CRIMP SCREW

## DIY TERMINAL

Stainless Steel **AISI 316**

The Do It Yourself terminal is a simple alternative to the Swageless terminals, as it is fixed to the wire only by use of "allen-headed" screws. Break loads are , therefore , lower than average!
The terminals are delivered with external right handed thread stud only, but as this can be removed, they can be combined with the rest of the WDS program and thus offer a wide range of possible DIY solutions. The fittings can be reused and are as such a good solution for private use...

| ART. NO | G | WIRE | D1 | L1 | L2 | L3 | L4 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|
| A640305 | M5 | 3 | 11 | 53 | 8 | 36 | 34 | 300 | 3,4 |
| A640406 | M6 | 4 | 13 | 58 | 9 | 38 | 37 | 400 | 5,4 |
| A640506 | M6 | 5 | 14 | 65 | 9 | 45 | 37 | 500 | 6,4 |
| A640608 | M8 | 6 | 16 | 73 | 12 | 47 | 45 | 600 | 10,7 |




The DIY terminal has inside thread - delivered with removable thread pin!

SWAGE PRESS CRIMP SCREW

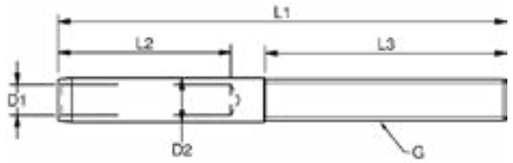


## THREAD TERMINALS - SMALL

Stainless Steel - **AISI 316**

Blue Wave's small thread terminals are for lighter architectural fixing of wires.The focus of the design is the size. Overall dimensions have thus been reduced to a minimum. The small fittings are suitable for hand crimping with Blue Wave Arctool1ACC & Arctoo8, see page 61, or roll swaged using a standard machine and smaller die.

| NO. RIGHT | NO. LEFT | G | WIRE DIM. | | D1 | D2 | L1 | L2 | L3 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A180503 | A190503 | M5 | 3 | 1/8" | 3,5 | 5,5 | 60 | 25 | 30 | 360 | 0,8 |
| A180604 | A190604 | M6 | 4 | 5/32" | 4,4 | 6,4 | 65 | 25 | 35 | 640 | 1,2 |
| A180605 | A190605 | M6 | 5 | 3/16" | 5,3 | 7,5 | 73 | 30 | 35 | 1000 | 1,7 |
| A180806 | A190806 | M8 | 6 | - | 6,5 | 9,0 | 88 | 40 | 40 | 1400 | 2,6 |
| A181008 | A191008 | M10 | 8 | 5/16" | 8,4 | 12,6 | 103 | 50 | 45 | 2300 | 5,8 |
| A181210 | A191210 | M12 | 10 | - | 10,5 | 16,0 | 118 | 60 | 50 | 3600 | 10,0 |




SWAGE PRESS CRIMP SCREW

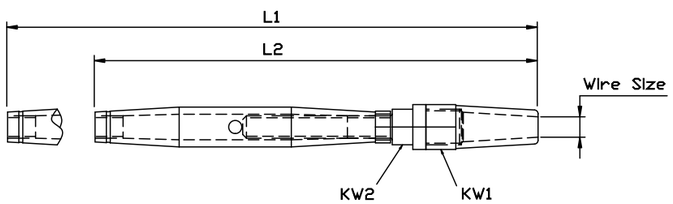
## RIGGING SCREWS SWAGELESS-BLANK

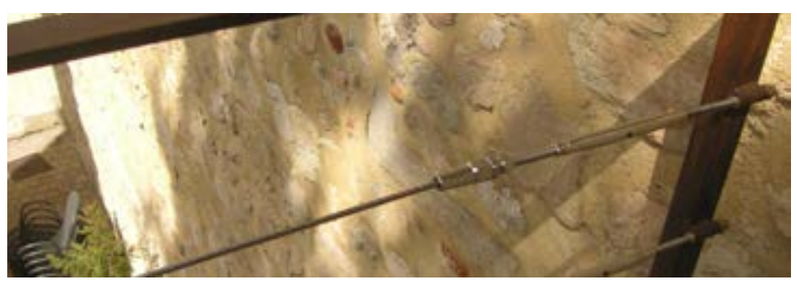
Polished Stainless Steel - **AISI 316**

**Left side blank**

| ART. NO. | G | WIRE | L1 | L2 | NV1 | NV2 | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|
| 870306 | M6 | 3 | 168 | 134 | 12 | 10 | 750 | 6 | BULK |
| 870406 | M6 | 4 | 175 | 141 | 14 | 12 | 1200 | 6,7 | BULK |
| 870408 | M8 | 4 | 202 | 162 | 14 | 12 | 1500 | 11,6 | BULK |
| 870508 | M8 | 5 | 211 | 171 | 16 | 13 | 2180 | 13,8 | BLUK |
| 870510 | M10 | 5 | 222 | 181 | 16 | 13 | 2180 | 18,5 | BLUK |
| 870610 | M10 | 6 | 233 | 192 | 19 | 16 | 3500 | 22,7 | BLUK |
| 870612 | M12 | 6 | 277 | 223 | 19 | 16 | 3700 | 33,5 | BLUK |
| 870712 | M12 | 7 | 277 | 223 | 21 | 19 | 4700 | 33,5 | BLUK |
| 870714 | M14 | 7 | 311 | 253 | 21 | 18 | 4700 | 44,1 | BLUK |
| 870812 | M12 | 8 | 294 | 240 | 24 | 19 | 5100 | 43,5 | BLUK |
| 870814 | M14 | 8 | 320 | 262 | 24 | 19 | 5600 | 49,5 | BLUK |
| 870816 | M16 | 8 | 348 | 283 | 24 | 19 | 5600 | 63,1 | BLUK |
| 871016 | M16 | 10 | 356 | 291 | 27 | 24 | 8000 | 75,7 | BLUK |
| 871220 | M20 | 12 | 417 | 340 | 32 | 27 | 12000 | 131,7 | BLUK |
| 871422 | M22 | 14 | 501 | 410 | 36 | 30 | 14000 | 334,6 | BLUK |
| 871624 | M24 | 16 | 598 | 463 | 41 | 32 | 20000 | 497,1 | BLUK |

Note: All breakloads are determined by thread and wedges (jaws)



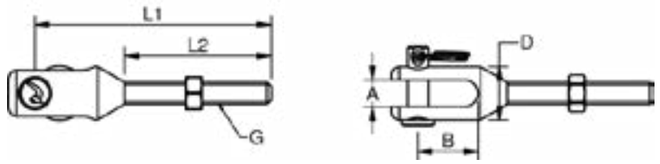
The "one side blank" rigging screw is assembled with a right threaded swageless terminal. It is ideal for site work where a professional swaging would normally be required and the final attachment has not been decided upon, as the choice of fitting for the blank side is optional...

SWAGE PRESS CRIMP SCREW

## THREAD FORK - MACHINED - SMALL

Stainless Steel - **AISI 316**

| NO. RIGHT | NO. LEFT | G | PIN | A | B | D | L1 | L2 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|---|
| A421205 | A431205 | M5 | 5 | 5,5 | 12 | 11 | 49 | 31 | 400 | 1,5 |
| A421206 | A431206 | M6 | 5 | 6,5 | 15 | 13 | 58 | 36 | 800 | 2,3 |
| A421208 | A431208 | M8 | 6 | 8,5 | 19 | 16 | 69 | 42 | 1200 | 4,2 |

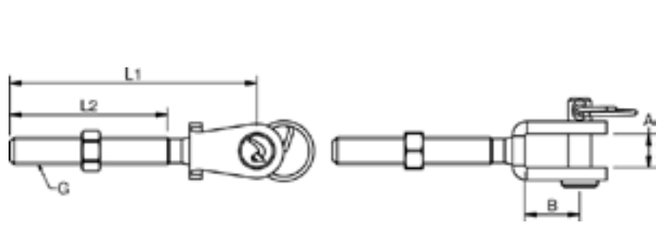



Small machined forks with thread and pin, for the small rigging screws, inside thread parts or other terminations. Available with left handed and right handed threads, incl. locking nut.

## THREAD FORK WELDED - SMALL

Stainless Steel - **AISI 316**

| NO. RIGHT | NO. LEFT | G | PIN | A | B | L1 | L2 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|
| A320503 | A330503 | M5 | 5 | 7,5 | 12 | 49 | 30 | 800 | 1,4 |
| A320604 | A330604 | M6 | 5 | 7,5 | 12 | 54 | 35 | 1000 | 2,0 |
| A320605 | A330605 | M6 | 6 | 9,5 | 13 | 56 | 35 | 1200 | 2,5 |
| A320806 | A330806 | M8 | 8 | 11 | 15 | 65 | 40 | 2200 | 3,5 |
| A320808 | A330808 | M10 | 8 | 11 | 15 | 72 | 45 | 3200 | 6,4 |
| A321010 | A331010 | M12 | 9,5 | 12,5 | 19 | 82 | 50 | 3600 | 11,0 |




Small welded forks with thread and pin for the small rigging screw bodies, inside thread parts or other terminations. Available with left handed and right handed threads, incl. locking nut.



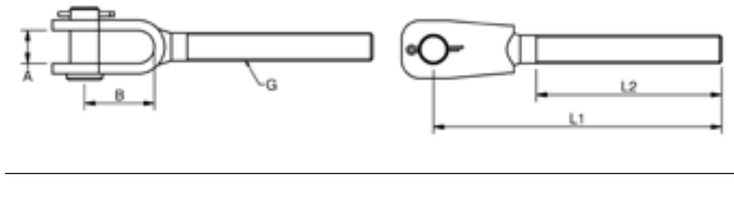

## THREAD FORKS WELDED

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 |
| 021216B | 031216B | 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 | 18200 | 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 |
| 021236B | 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.




## THREAD FORKS - MACHINED

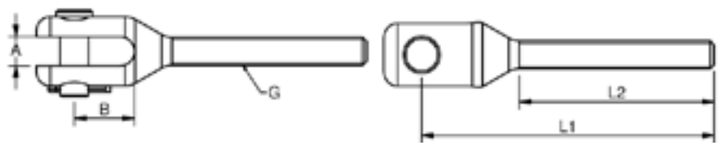
Polished Stainless Steel - **AISI 316**

| NO. RIGHT | NO. LEFT | G | PIN | A | B | L1 | L2 | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|
| 027420B | 037420B | M20 | 19 | 20 | 45 | 219 | 125 | 12000 | 125 | BULK |
| 027422B | 037422B | M22 | 22 | 22 | 49 | 216 | 140 | 15000 | 300 | BULK |
| 027424B | 037424B | M24 | 25 | 25 | 52 | 255 | 170 | 18000 | 400 | BULK |
| 027427B | 037427B | M27 | 28 | 30 | 55 | 274 | 180 | 23000 | 640 | BULK |
| 027430B | 037430B | M30 | 32 | 35 | 67 | 316 | 200 | 28000 | 980 | BULK |
| 027436B | 037436B | M36 | 35 | 35 | 67 | 334 | 220 | 41000 | 1300 | BULK |
| * 027442B | 037442B | M42 | 40 | 34 | 75 | 388 | 250 | 70000 | 805 | BULK |
| * 027448B | 037448B | M48 | 45 | 38 | 91 | 441 | 280 | 90000 | 1162 | BULK |
| * 027452B | 037452B | M52 | 50 | 49 | 100 | 490 | 310 | 110000 | 1634 | BULK |

* Note: Material 1.4462 (SAF 2205)

All breakloads are determined by clevis pin and thread

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

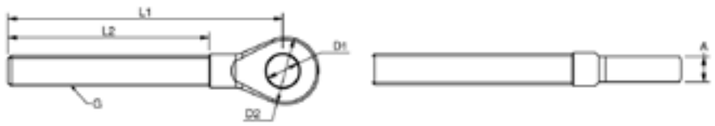


## THREAD EYES

Polished Stainless Steel - **AISI 316**

Thread eyes are for use in rigging screws, inside thread parts or other similar terminations. Available with left handed and right handed threads - also UNF sizes on request.

| NO. RIGHT | NO. LEFT | G | A | D1 | D2 | L1 | L2 | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|
| 021905 | 031905 | M5 | 3 | 5,5 | 12 | 63 | 41 | 800 | 0,9 | 25,0 |
| 021906 | 031906 | M6 | 4 | 6,5 | 14 | 65 | 47 | 1200 | 1,5 | 25,0 |
| 021908 | 031908 | M8 | 5 | 8,5 | 17 | 78 | 57 | 2200 | 3,1 | 25,0 |
| 021910 | 031910 | M10 | 6 | 10,5 | 22 | 90 | 63 | 3500 | 5,1 | 25,0 |
| 021912 | 031912 | M12 | 8 | 13,0 | 25 | 110 | 80 | 5100 | 10,1 | 10,0 |
| 021914 | 031914 | M14 | 9 | 13,0 | 28 | 124 | 90 | 6800 | 14,1 | 10,0 |
| 021916 | 031916 | M16 | 10 | 14,5 | 31 | 133 | 100 | 9400 | 20,4 | 10,0 |
| 021920 | 031920 | M20 | 15 | 19,5 | 40 | 164 | 120 | 14700 | 40,6 | 5,0 |
| 021922X | 031922X | M22 | 18 | 23,0 | 46 | 196 | 140 | 15200 | 69,0 | BULK |
| 021924X | 031924X | M24 | 20 | 26,0 | 53 | 230 | 170 | 17700 | 105,0 | BULK |
| 021927X | 031927X | M27 | 25 | 28,5 | 65 | 247 | 180 | 23000 | 153,0 | BULK |
| 021930X | 031930X | M30 | 30 | 33,0 | 70 | 274 | 200 | 28000 | 204,0 | BULK |
| 021936X | 031936X | M36 | 30 | 36,0 | 80 | 295 | 220 | 41000 | 296,0 | BULK |

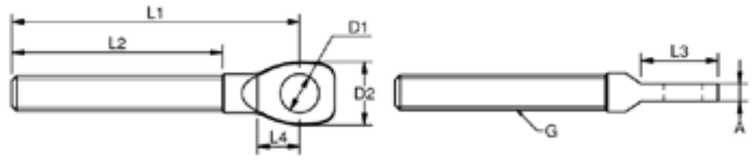



## THREAD EYES - SMALL

Stainless Steel - **AISI 316**

Small thread eyes for use with the small rigging screws body, inside thread parts or other terminations.

| NO. RIGHT | NO. LEFT | G | A | D1 | D2 | L1 | L2 | L3 | L4 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A440505 | A450505 | M5 | 2,5 | 5,3 | 9 | 41 | 30 | 11 | 6,0 | 400 | 0,6 |
| A440506 | A450506 | M6 | 3,8 | 5,3 | 11 | 48 | 35 | 13 | 7,0 | 800 | 1,2 |
| A440606 | A450606 | M6 | 3,8 | 6,3 | 11 | 48 | 35 | 13 | 7,0 | 800 | 1,2 |
| A440608 | A450608 | M8 | 4,5 | 6,3 | 15 | 57 | 40 | 16 | 8,5 | 1300 | 2,2 |

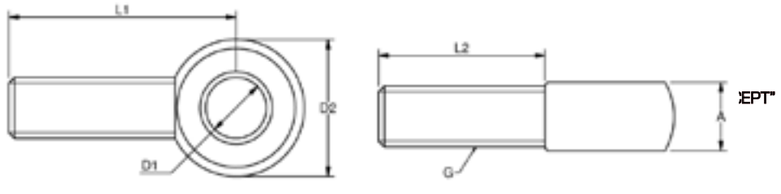



## THREAD EYE

Stainless Steel - **AISI 316**

Small thread eyes for use with the small rigging screws body, inside thread parts or other terminations.

| NO. RIGHT | G | A | D1 | D2 | L1 | L2 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|
| 02190898 | M8 | 9,0 | 8 | 18 | 30 | 21 | 2200 | 1,9 |





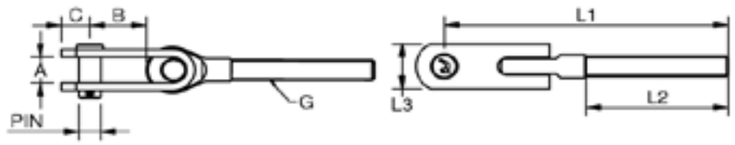



## THREADED TOGGLE

Polished Stainless Steel - **AISI 316**

| NO. RIGHT | NO. LEFT | G | PIN | A | B | C | T | L1 | L2 | L3 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 023206B | 033206B | M6 | 6 | 8 | 17 | 8 | 3 | 88 | 47 | 14 | 1200 | 5,0 |
| 023208B | 033208B | M8 | 8 | 10 | 25 | 9 | 3 | 105 | 57 | 18 | 2200 | 8,3 |
| 023210B | 033210B | M10 | 9,5 | 12 | 27 | 12 | 4 | 128 | 63 | 22 | 3500 | 15,4 |
| 023212XB | 033212XB | M12 | 12,7 | 18 | 33 | 18 | 4 | 154 | 80 | 30 | 5100 | 30,5 |
| 023214B | 033214B | M14 | 12,7 | 18 | 33 | 18 | 4 | 172 | 90 | 30 | 6900 | 33,3 |
| 023216XB | 033216XB | M16 | 16 | 20 | 41 | 20 | 6 | 199 | 100 | 35 | 9400 | 63,0 |
| 023220XB | 033220XB | M20 | 19 | 24 | 43 | 25 | 8,0 | 228 | 120 | 40 | 14700 | 111,0 |

Use the threaded toggles to terminate a rigging screw or other attachment where flexible angles are required or there is a risk of failure due to sideways articulation fatigue e.g. with outdoor canopies etc. Available with left handed and right handed threads - also UNF sizes on request.

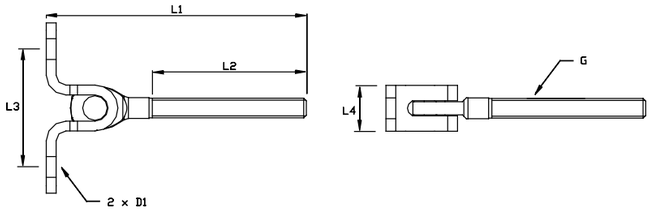



## THREADED WALL TOGGLE

Polished Stainless Steel - **AISI 316**

| NO. LEFT | G | D1 | L1 | L2 | L3 | L4 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|
| 03151406 | M6 | 6,4 | 81 | 47 | 40 | 14 | 1200 | 3,8 |
| 03151808 | M8 | 8,3 | 97 | 57 | 44 | 18 | 2200 | 6,9 |

Wall Toggle with left handed thread and pin, for rigging screws, inside thread parts or terminations to flat surfaces.

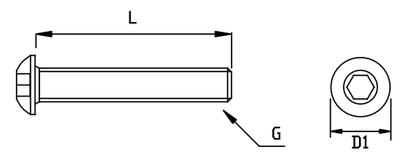



## DOMEHEAD SCREW

Stainless Steel - **AISI 304**

| ART. NO. | G | L | D1 | KG/100 |
|---|---|---|---|---|
| A50530 | M5 | 30 | 9,5 | 0,20 |
| A50535 | M6 | 35 | 10,5 | 0,85 |
| A50540 | M8 | 40 | 14,0 | 1,90 |

Threaded domehead screws can be used for end termination and adjustment of a wire e.g. combined with inside thread terminals. The ball for domehead is particularly useful for angled installations.



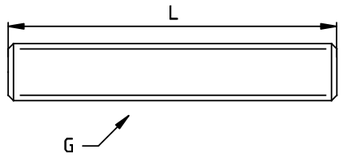

Ball for domehead screw page 47

## THREAD PIN

Stainless Steel - **AISI 316**

The threaded pins are a useful way to solve a problem where the wire may need to be lengthened... connect it to an inside thread wall anchor and use an inside thread terminal or rigging screw body for tensioning.

| ART. NO. | G | L | KG/100 |
|---|---|---|---|
| A400503 | M5 | 38 | 1 |
| A830570 | M5 | 70 | 0,8 |
| A400604 | M6 | 45 | 1 |
| A830670 | M6 | 70 | 1,2 |
| A400806 | M8 | 52 | 2 |

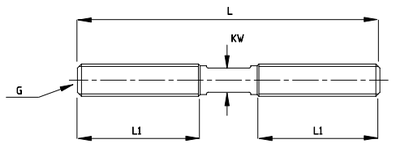



## DOUBLE THREADED PIN

Polished Stainless Steel - **AISI 316**

The opposite rigging screw would be a combination of the double threaded pin and inside threaded terminals locked at either side. This is usually used where extra adjustment lengths are needed or when pre-fitted wires are manufactured too short !

| ART. NO. | G | L | L1 | KW | KG/100 | PACK |
|---|---|---|---|---|---|---|
| A392405 | M5 | 60 | 24 | 3 | 0.7 | BULK |
| 900305HV | M5 | 70 | 30 | 3 | 0.95 | BULK |
| A392706 | M6 | 66 | 27 | 4 | 1.20 | BULK |
| 900406HV | M6 | 106 | 48 | 4.5 | 1.91 | BULK |
| A393008 | M8 | 75 | 30 | 6 | 2.30 | BULK |
| 900408HV | M8 | 129 | 57 | 6 | 4.13 | BULK |
| 900610HV | M10 | 145 | 63 | 7 | 7.11 | BULK |
| 900712HV | M12 | 180 | 80 | 9 | 12.96 | BULK |

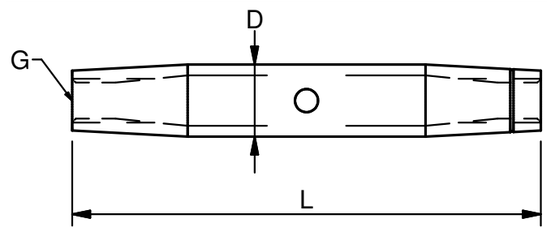



## BODIES - SMALL

Stainless Steel - **AISI 316**

In order to match the small WDS fittings the small bodies have less adjustment, but also feature thread size and, "easy use" marking for left and right threaded side and adjustment hole.

| ART. NO. | G | D | L | B.L./KG | KG/100 |
|---|---|---|---|---|---|
| A011205 | M5 | 8 | 60 | 800 | 0,9 |
| A011206 | M6 | 10 | 65 | 1200 | 1,7 |
| A011208 | M8 | 14 | 80 | 2200 | 4,3 |
| A011210 | M10 | 17 | 90 | 3500 | 7,0 |
| A011212 | M12 | 23 | 120 | 5100 | 11,3 |







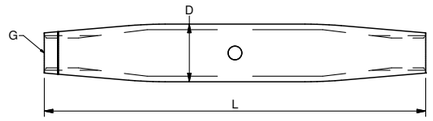

## BODIES

**AISI 316**

| ART. NO. | G | D1 | L1 | KW | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|
| 011205 | M5 | 8 | 80 | 0 | 800 | 1,2 |
| 011206 | M6 | 10 | 92 | 0 | 1200 | 2,6 |
| 011208 | M8 | 14 | 112 | 0 | 2200 | 6,0 |
| 011210 | M10 | 17 | 120 | 0 | 3500 | 9,4 |
| 011212 | M12 | 21 | 150 | 0 | 5100 | 16,0 |
| 011214 | M14 | 21 | 170 | 0 | 6900 | 18,4 |
| 011216 | M16 | 27 | 190 | 0 | 9400 | 27,2 |
| 011220 | M20 | 34 | 220 | 0 | 14000 | 46,8 |
| 011222 | M22 | 40 | 270 | 0 | 18000 | 120,0 |
| 011224 | M24 | 42 | 320 | 0 | 21000 | 147,5 |
| 011227 | M27 | 55 | 345 | 0 | 23000 | 210,0 |
| 011230 | M30 | 55 | 380 | 0 | 28000 | 309,0 |
| ! 012320 | M20 | 40 | 240 | 36 | 14000 | 158,2 |
| ! 012322 | M22 | 40 | 270 | 41 | 18000 | 161,6 |
| ! 012324 | M24 | 50 | 325 | 46 | 21000 | 312,6 |
| ! 012327 | M27 | 55 | 345 | 50 | 23000 | 408,1 |
| ! 012330 | M30 | 60 | 375 | 55 | 28000 | 538,4 |
| ! 012336 | M36 | 65 | 410 | 60 | 41000 | 602,8 |
| !* 012342 | M42 | 69 | 440 | 64 | 70000 | 774,0 |
| !* 012348 | M48 | 74 | 490 | 68 | 90000 | 922,8 |
| !* 012352 | M52 | 79 | 540 | 72 | 110000 | 1141,5 |

* Note: Material 1.4462 (SAF 2205)

! Body with bronze inserts



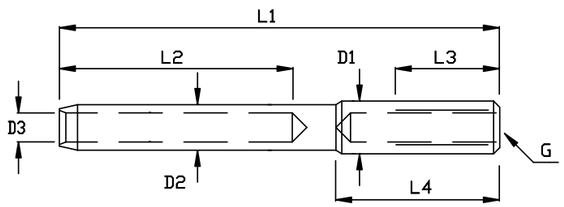

Blue Wave rigging screws bodies feature thread size, "easy use" marking for left and right threaded side and adjustment hole. From M20 upwards the bodies are available with chrome bronze threaded inserts and spanner flat on body,for smooth adjustment.

## INSIDE THREAD - SMALL

Stainless Steel - **AISI 316**

| NO. RIGHT | NO. LEFT | G | WIRE DIM | D1 | D2 | D3 | L1 | L2 | L3 | L4 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A140503 | A150503 | M5 | 3 1/8" | 7.13 | 5,5 | 3,5 | 65 | 25 | 20 | 35 | 360 | 1,2 |
| A140604 | A150604 | M6 | 4 5/32" | 8,00 | 6,4 | 4,4 | 65 | 25 | 20 | 35 | 640 | 1,7 |
| A140605 | A150605 | M6 | 5 3/16" | 8,00 | 7,5 | 5,3 | 70 | 30 | 20 | 30 | 1000 | 2,6 |
| A140806 | A150806 | M8 | 6 - | 11,00 | 9,0 | 6,5 | 85 | 40 | 25 | 40 | 1400 | 6,3 |

The small inside thread terminals are for lighter architectural fixing of wires. The terminals are available with left handed and right handed threads, with dimensions reduced to a minimum. These terminals are suitable for hand crimping with Blue Wave Arctool ACC1 & Arctool8, see page 61.



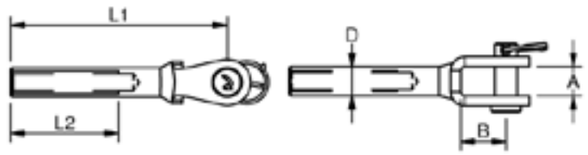

SWAGE PRESS CRIMP SCREW

## INSIDE THREAD FORK WELDED - SMALL

Stainless Steel - **AISI 316**

For small architectural wires another good alternative to rigging screw adjustment, is the inside thread forks! The forks have a light design, as dimensions are reduced to a minimum - the forks are available with left handed and right handed threads as well as in a welded, and machined version.

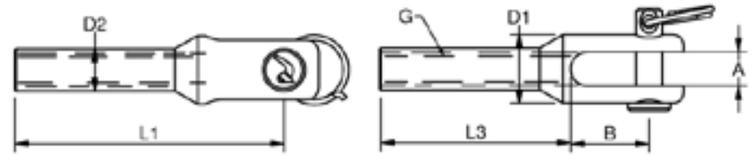
| NO. RIGHT | NO. LEFT | G | WIRE | PIN | A | B | D | L1 | L2 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A340503 | A350503 | M5 | 3 | 5 | 7,5 | 12,0 | 7,1 | 59 | 25 | 800 | 1,4 |
| A340504 | A350504 | M6 | 4 | 5 | 7,5 | 12,0 | 8,0 | 67 | 30 | 1000 | 1,9 |
| A340605 | A350605 | M6 | 5 | 6 | 9,5 | 13,0 | 8,0 | 68 | 30 | 1300 | 2,2 |
| A340806 | A350806 | M8 | 6 | 8 | 11 | 15,0 | 11,0 | 79 | 35 | 2350 | 4,5 |




## INSIDE THREAD FORK - MACHINED - SMALL

Stainless Steel - **AISI 316**

| NO. RIGHT | NO. LEFT | G | PIN | A | B | D1 | D2 | L1 | L2 | L3 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A370503 | A380503 | M5 | 5 | 5,5 | 12,3 | 11 | 8 | 40 | 24 | 28 | 400 | 1,4 |
| A370604 | A380604 | M6 | 5 | 6,5 | 14,8 | 13 | 8 | 50 | 30 | 36 | 800 | 1,9 |
| A370806 | A380806 | M8 | 6 | 8,5 | 19,3 | 16 | 11 | 60 | 35 | 41 | 1200 | 2,2 |




The machined adjuster forks are well suited when larger wires are installed with inside thread forks. For further details see page 22

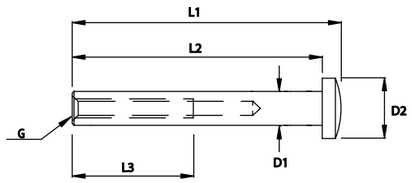




## INSIDE THREAD DOMEHEAD

Stainless Steel - **AISI 316**

| ART. NO. | G | D1 | D2 | L1 | L2 | L3 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|
| A170503 | M5 | 7,13 | 10,0 | 43 | 40 | 25 | 800 | 0,5 |
| A170604 | M6 | 8,00 | 11,5 | 49 | 45 | 30 | 1300 | 0,7 |
| A170806 | M8 | 11,00 | 14,0 | 60 | 55 | 35 | 2350 | 1,0 |

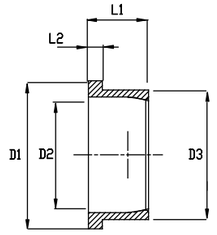



The inside thread dome head is , when combined with a threaded terminal, an ideal end/adjustment fitting for balustrades with through going holes. For 4 mm wire it can also be combined with a ball for dome head terminal, for diagonal or angle tensioning! The Dome head features an Allen key hole and minimum overall dimensions.

## SLEEVE FOR WDS BALL

Stainless Steel - **AISI 316**

| ART. NO. | WIRE DIM. | D1 | D2 | D3 | L1 | L2 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|
| A292008 | 3,0 + 4,0 + 5,0 | 27 | 20 | 23 | 10 | 2 | 400 | 1,05 |
| A292510 | 6 | 32 | 25 | 28 | 13 | 3 | 600 | 1,80 |

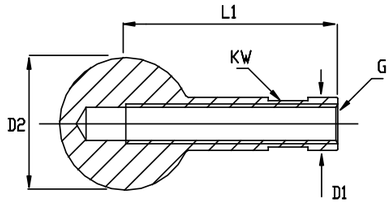



The ball sleeve is easily mounted on a balustrade. It has an inside radius covering most of the Blue Wave balls in the WDS program.

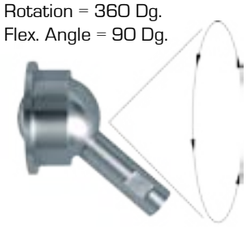
## FLEXIBLE ANGLE HINGE

Stainless Steel - **AISI 316**

| ART. NO. | WIRE | G | D1 | D2 | L1 | KW | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|
| A232005 | 3 | M5 | 8 | 20 | 32 | 7 | 800 | 3,7 |
| A232006 | 4,0 + 5,0 | M6 | 8 | 20 | 32 | 7 | 1300 | 3,4 |
| A232508 | 6 | M8 | 11 | 25 | 36 | 10 | 2350 | 6,8 |




Rotation = 360 Dg.
Flex. Angle = 90 Dg.



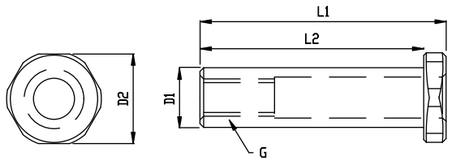
The flexible angle hinge offers an elegant and 100% correct angle to all diagonal tensioned wires from 3 - 6 mm. To adjustment there is a right handed thread inside the shaft.

## STOP END NUT

Stainless Steel - **AISI 316**

The stop end nut allows for a small amount of adjustment and is a nice end piece to the terminal fitted wire.

| ART.NO. | G | D1 | D2 | L1 | L2 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|
| A160503 | M5 | 8 | 12 | 33 | 30 | 800 | 0,80 |
| A160604 | M6 | 8 | 12 | 39 | 35 | 1300 | 0,85 |
| A160806 | M8 | 10 | 14 | 45 | 40 | 2350 | 1,20 |
| A161008 | M10 | 13 | 17 | 50 | 45 | 3500 | 2,50 |



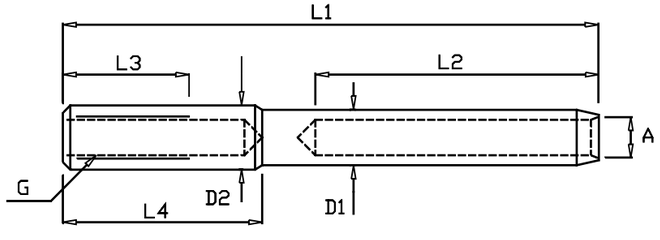

## INSIDE THREAD TERMINALS

Polished Stainless Steel - **AISI 316**

Often found to be a good alternative to a standard rigging screw are the inside thread terminals. The terminals are available with right handed threads and left handed on request! For ease of use when pressing or swageing onto the wire, the terminals are marked with wire size and swage depth.

| NO. RIGHT | NO. LEFT | G | WIRE | A | D1 | D2 | L1 | L2 | L3 | L4 | B.L./KG | KG/ | PACK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 982504 | ON REQUEST | M4 | 2,5 | 2,8 | 5,50 | 5,50 | 64 | 32 | 15 | 25 | 500 | 0,8 | BULK |
| 980305 | ON REQUEST | M5 | 3 | 3,5 | 6,35 | 7,13 | 77 | 38 | 20 | 30 | 800 | 1,3 | BULK |
| 980305L | ON REQUEST | M5 | 3 | 3,5 | 6,35 | 7,13 | 92 | 38 | 35 | 45 | 800 | 1,6 | BULK |
| 980406 | ON REQUEST | M6 | 4 | 4,4 | 7,50 | 8,00 | 84 | 45 | 20 | 30 | 1250 | 1,8 | BULK |
| 980406L | ON REQUEST | M6 | 4 | 4,4 | 7,50 | 8,00 | 99 | 45 | 35 | 45 | 1250 | 2,1 | BULK |
| 980506 | ON REQUEST | M6 | 5 | 5,3 | 9,00 | 9,00 | 90 | 51 | 20 | 30 | 1250 | 2,8 | BULK |
| 980506L | ON REQUEST | M6 | 5 | 5,3 | 9,00 | 9,00 | 105 | 51 | 35 | 45 | 1250 | 3,2 | BULK |
| 980508 | ON REQUEST | M8 | 5 | 5,3 | 9,00 | 12,58 | 112 | 51 | 40 | 53 | 2350 | 5,4 | BULK |
| 980608 | ON REQUEST | M8 | 6 | 6,5 | 12,58 | 12,58 | 110 | 64 | 25 | 35 | 2350 | 7,2 | BULK |
| 980608L | ON REQUEST | M8 | 6 | 6,5 | 12,58 | 12,58 | 126 | 64 | 40 | 50 | 2350 | 8,2 | BULK |
| 980610 | ON REQUEST | M10 | 6 | 6,5 | 12,58 | 16,00 | 127 | 64 | 40 | 53 | 3500 | 10,5 | BULK |
| 980810 | ON REQUEST | M10 | 8 | 8,4 | 16,00 | 16,00 | 140 | 83 | 40 | 50 | 3500 | 15,4 | BULK |
| 980812 | ON REQUEST | M12 | 8 | 8,4 | 16,00 | 18,00 | 147 | 83 | 40 | 53 | 5100 | 16,7 | BULK |
| 981012 | ON REQUEST | M12 | 10 | 10,5 | 17,80 | 17,80 | 150 | 89 | 40 | 50 | 5100 | 19,4 | BULK |
| 981016 | ON REQUEST | M16 | 10 | 10,5 | 17,80 | 22,00 | 152 | 89 | 40 | 53 | 8000 | 20,7 | BULK |

SWAGE PRESS CRIMP SCREW





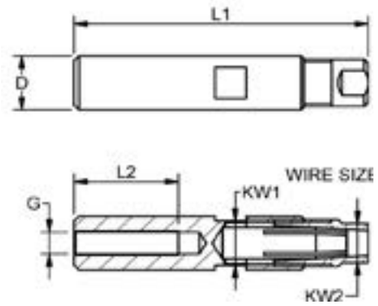

WDS WIRE DESIGN SYSTEM www.bluewave.dk

## SWAGELESS TERMINALS - SMALL

Stainless Steel - AISI 316

| ART.NO | G RIGHT | WIRE DIM. | D | L1 | L2 | KW1 | KW2 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|
| A833205 | M5 | 1/8" | 11 | 45 | 20 | 9 | 8 | 300 | 2,8 |
| A830406 | M6 | 4 5/32" | 11 | 45 | 10 | 9 | 8 | 400 | 2,8 |

Note: Only for use with wire ropes: 7 x 19 and 7 x 7




SWAGE PRESS CRIMP SCREW

## VERTICAL BALLUSTRADE KIT

Stainless Steel - **AISI 316**

| ART. NO | WIRE DIM. | THREAD | B.L./KG | KG/100 |
|---|---|---|---|---|
| VBK0406 | 4 5/32" | M6 | 300 | 17,6 |







Stainless steel wire with dropnose terminal and threaded DIY terminal for vertical tensioned ballustrades and railing systems.

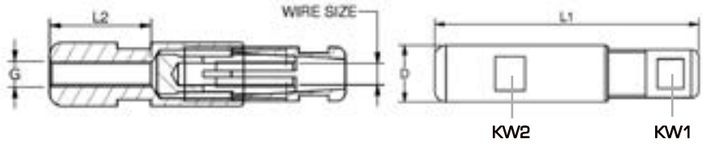

## SWAGELESS - TERMINALS - SMALL

Polished Stainless Steel - AISI 316

| NO.RIGHT | NO.LEFT | WIRE Ø | G | D | KW1 | KW2 | L1 | L2 | B.L. | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A860306 | A870306 | 3 | M6 | 11 | 8 | 9 | 61 | 25 | 300 | 3,1 | BULK |
| A860406 | A870406 | 4 | M6 | 13 | 9 | 11 | 66 | 25 | 400 | 4,7 | BULK |
| A860506 | A870506 | 5 | M6 | 15 | 10 | 12 | 70 | 25 | 500 | 6,5 | BULK |
| A860608 | A870608 | 6 | M8 | 16 | 12 | 14 | 86 | 30 | 600 | 8,8 | BULK |

Note: Only for use with wire ropes: 7 x 19 and 7 x 7

Inside threads!




SWAGE PRESS CRIMP SCREW



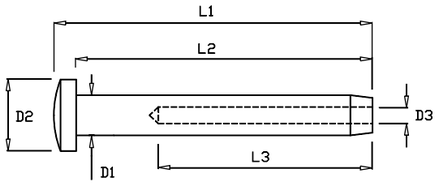
WDS WIRE DESIGN SYSTEM www.bluewave.dk

## DOMEHEAD TERMINALS

Polished Stainless Steel - **AISI 316**

Domehead terminals by Blue Wave are engraved with wire size and swage depth marking, making them easier to work with and to press or swage onto the wire.

| ART. NO. | WIRE DIM. | | D1 | D2 | D3 | L1 | L2 | L3 | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|
| 660003 | 3 | 1/8" | 6,35 | 10,0 | 3,5 | 52,0 | 48,5 | 38 | 1,1 | 20 |
| 660004 | 4 | 5/32" | 7,50 | 11,5 | 4,4 | 59,0 | 55,5 | 45 | 2,4 | 20 |
| 660005 | 5 | 3/16" | 9,00 | 14,0 | 5,3 | 66,5 | 62,5 | 51 | 3,8 | 20 |
| 660006 | 6 | - | 12,58 | 18,0 | 6,5 | 79,0 | 74 | 64 | 7,9 | 20 |



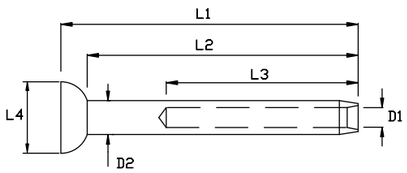

SWAGE PRESS CRIMP SCREW

## BALL TERMINAL

Polished Stainless Steel - **AISI 316**

Blue Wave's Ball terminals are marked with wire size and wire-hole depth, to make it easier to work with and press or swage onto the wire.

| ART. NO. | WIRE DIM. | | D1 | D2 | L1 | L2 | L3 | L4 | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|
| 620003 | 3 | 1/8" | 3.5 | 6.4 | 58 | 54 | 38 | 13.0 | 1.1 | 20 |
| 620004 | 4 | 5/32" | 4.4 | 7.5 | 69 | 63 | 45 | 16.0 | 2.4 | 20 |
| 620005 | 5 | 3/16" | 5.3 | 9.0 | 79 | 72 | 51 | 19.0 | 3.8 | 20 |
| 620006 | 6 | - | 6.5 | 12.6 | 90 | 84 | 64 | 20.0 | 7.9 | 20 |
| 620007 | 7 | 9/32" | 7.5 | 14.2 | 94 | 87 | 70 | 21.3 | 10.0 | 20 |
| 620008 | 8 | 5/16" | 8.4 | 16.0 | 116 | 108 | 83 | 26.3 | 16.9 | 10 |
| 620010 | 10 | - | 10.5 | 17.8 | 129 | 119 | 89 | 27.5 | 23.5 | 10 |
| 620012 | 12 | - | 12.5 | 20.0 | 145 | 135 | 105 | 28.0 | 26.7 | 5 |



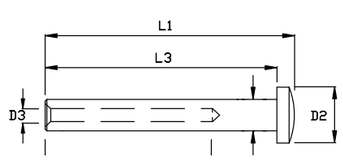

SWAGE PRESS CRIMP SCREW

## DOMEHEAD TERMINAL - SMALL

Stainless Steel - **AISI 316**

The small domehead terminals are for lighter architectural fixing of wires. The focus of the design is the size. Overall dimensions have thus been reduced to a minimum, leaving markings out. The small fittings are suitable for hand crimping with Blue Wave Arctool ACC1 & Arctool8, see page 61.

| ART.NO. | WIRE DIM | | D1 | D2 | D3 | L1 | L2 | L3 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|---|
| A100003 | 3,0 | 1/8" | 5,5 | 8 | 3,5 | 35 | 25 | 32,0 | 360 | 0,5 |
| A100004 | 4,0 | 5/32" | 6,35 | 10 | 4,4 | 35 | 25 | 32,0 | 640 | 0,7 |
| A100005 | 5,0 | 3/16" | 7,5 | 12 | 5,3 | 41 | 30 | 37,0 | 1000 | 1,0 |
| A100006 | 6,0 | - | 9,0 | 14 | 6,5 | 52 | 40 | 47,0 | 1400 | 1,9 |




SWAGE PRESS CRIMP SCREW

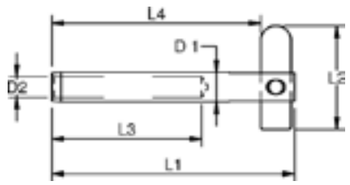


WDS WIRE DESIGN SYSTEM
www.bluewave.dk

## DROPNOSE TERMINAL - SMALL

Stainless Steel - AISI 316

| ART. NO | WIRE DIM. | D1 | D2 | L1 | L2 | L3 | L4 | B.L. | KG/100 |
|---|---|---|---|---|---|---|---|---|---|
| A640004 | 4 | 6,3 | 4,4 | 52 | 22 | 32 | 45 | 300 | 1 |
| A640005 | 5 | 7,5 | 5,3 | 52 | 22 | 32 | 45 | 400 | 1,3 |



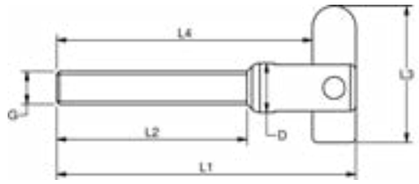

The dropnose terminal is e.g. perfect for tube handrails with vertical wire suspensions. Almost the easiest mounting imaginable - after being attached to the wire, drill a hole and stick through the drop nose end of the terminal and let it drop!

SWAGE PRESS CRIMP SCREW

## DROPNOSE THREADED - SMALL

Polished Stainless Steel - AISI 316

| NO.RIGHT | NO.LEFT | G | D | L1 | L2 | L3 | L4 | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|
| A3264M6 | A3364M6 | M6 | 9 | 55 | 35 | 25 | 47 | 600 | 1,9 | BULK |
| A3264M8 | A3364M8 | M8 | 9 | 60 | 40 | 25 | 52 | 600 | 2,7 | BULK |



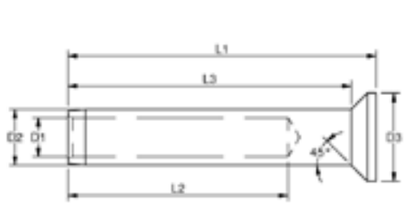

The dropnose for use with the small stainless steel bodies, page 39

SWAGE PRESS CRIMP SCREW

## CONE TERMINALS - SMALL

Stainless Steel - **AISI 316**

| ART.NO. | WIRE DIM | | D | D2 | D3 | L1 | L2 | L3 | B.L./KG | KG/100 |
|---|---|---|---|---|---|---|---|---|---|---|
| A110003 | 3,0 | 1/8" | 3,5 | 5,50 | 8 | 35 | 25 | 32,5 | 360 | 0,5 |
| A110004 | 4,0 | 5/32" | 4,4 | 6,35 | 10 | 35 | 25 | 32,0 | 640 | 0,7 |
| A110005 | 5,0 | 3/16" | 5,3 | 7,50 | 12 | 41 | 30 | 38,0 | 1000 | 1,0 |
| A110006 | 6,0 | - | 6,5 | 9,0 | 14 | 52 | 40 | 48,5 | 1400 | 1,9 |



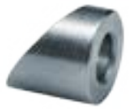

Angle hinge for cone terminals page 46

The small cone terminals are for lighter architectural fixing of wires.The focus of the design is the size. Overall dimensions have thus been reduced to a minimum, leaving markings out. The small fittings are suitable for hand crimping with Blue Wave Arctool ACC1 & Arctool 8, see page 61.

SWAGE PRESS CRIMP SCREW



WDS WIRE DESIGN SYSTEM
www.bluewave.dk



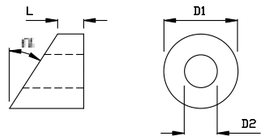
The angle hinges are used for standard threaded, or cone terminals and give a nice final attachment to diagonal wire installations or on, for example, staircases.

## ANGLE HINGE

Stainless Steel - **AISI 316**

| ART. NO. | α | L | D1 | D2 | KG/100 |
|---|---|---|---|---|---|
| A302003 | 20 | 5,0 | 11,0 | 5,0 | 0,4 |
| A302503 | 25 | 5,0 | 11,0 | 5,0 | 0,4 |
| A303003 | 30 | 5,0 | 11,0 | 5,0 | 0,5 |
| A303503 | 35 | 5,0 | 11,0 | 5,0 | 0,6 |
| A304003 | 40 | 5,0 | 11,0 | 5,0 | 0,6 |
| A302004 | 20 | 5,0 | 13,0 | 6,0 | 0,6 |
| A302504 | 25 | 5,0 | 13,0 | 6,0 | 0,7 |
| A303004 | 30 | 5,0 | 13,0 | 6,0 | 0,8 |
| A303504 | 35 | 5,0 | 13,0 | 6,0 | 0,8 |
| A304004 | 40 | 5,0 | 13,0 | 6,0 | 0,9 |
| A302006 | 20 | 5,0 | 17,0 | 8,2 | 1,2 |
| A302506 | 25 | 5,0 | 17,0 | 8,2 | 1,2 |
| A303006 | 30 | 5,0 | 17,0 | 8,2 | 1,3 |
| A303506 | 35 | 5,0 | 17,0 | 8,2 | 1,5 |
| A304006 | 40 | 5,0 | 17,0 | 8,2 | 1,6 |

**Only on request**



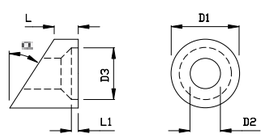

Angle hinge for cone terminals
page 45

## ANGLE HINGE FOR CONE TERMINALS

Stainless Steel - **AISI 316**

| ART. NO. | α | L | D1 | D2 | D3 | L1 | KG/100 |
|---|---|---|---|---|---|---|---|
| A312003 | 20 | 5,0 | 11 | 6 | 8,3 | 1,0 | 0,4 |
| A312503 | 25 | 5,0 | 11 | 6 | 8,3 | 1,0 | 0,4 |
| A313003 | 30 | 5,0 | 11 | 6 | 8,3 | 1,0 | 0,5 |
| A313503 | 35 | 5,0 | 11 | 6 | 8,3 | 1,0 | 0,6 |
| A314003 | 40 | 5,0 | 11 | 6 | 8,3 | 1,0 | 0,6 |
| A312004 | 20 | 5,0 | 13 | 7 | 10,3 | 1,0 | 0,6 |
| A312504 | 25 | 5,0 | 13 | 7 | 10,3 | 1,0 | 0,7 |
| A313004 | 30 | 5,0 | 13 | 7 | 10 | 1,0 | 0,8 |
| A313504 | 35 | 5,0 | 13 | 7 | 10 | 1,0 | 0,8 |
| A314004 | 40 | 5,0 | 13 | 7 | 10 | 1,0 | 0,9 |
| A312005 | 20 | 5,0 | 14 | 8 | 12 | 1,0 | 0,8 |
| A312505 | 25 | 5,0 | 14 | 8 | 12 | 1,0 | 0,9 |
| A313005 | 30 | 5,0 | 14 | 8 | 12 | 1,0 | 0,9 |
| A313505 | 35 | 5,0 | 14 | 8 | 12 | 1,0 | 1,0 |
| A314005 | 40 | 5,0 | 14 | 8 | 12 | 1,0 | 1,1 |
| A312006 | 20 | 5,0 | 17 | 10 | 15 | 1,0 | 1,2 |
| A312506 | 25 | 5,0 | 17 | 10 | 15 | 1,0 | 1,2 |
| A313006 | 30 | 5,0 | 17 | 10 | 15 | 1,0 | 1,3 |
| A313506 | 35 | 5,0 | 17 | 10 | 15 | 1,0 | 1,5 |
| A314006 | 40 | 5,0 | 17 | 10 | 15 | 1,0 | 1,6 |

**Only on request**



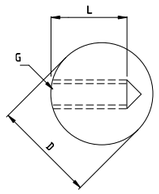





## WDS BALL

Stainless Steel - **AISI 316**

| ART. NO. | WIRE DIM. | G | D | L | KG/100 |
|---|---|---|---|---|---|
| A240503 | 3 | M5 | 15,0 | 12 | 1,9 |
| A240503X | 3 | M5 | 20,0 | 16 | 2,9 |
| A240605 | 4,0 / 5,0 | M6 | 20,0 | 16 | 2,9 |
| A240806 | 6 | M8 | 25,0 | 20 | 5,7 |

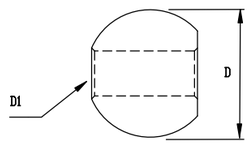



The range of WDS balls are used as stop ends to various wire fittings. They are also ideally suited for angled installation of wires.

## BALL FOR DOME HEAD SCREW

Stainless Steel - **AISI 316**

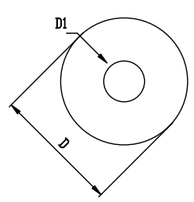
| ART. NO. | G | D | D1 | KG/100 |
|---|---|---|---|---|
| A270503 | M5 | 15,0 | 5,3 | 1,2 |
| A270604 | M6 | 20,0 | 6,3 | 2,9 |
| A270806 | M8 | 25,0 | 8,5 | 5,7 |
| A271008 | M10 | 30,0 | 10,5 | 8,8 |




## BALL FOR DOMEHEAD TERMINAL

Stainless Steel - **AISI 316**

| ART. NO. | WIRE | D | D1 | KG/100 |
|---|---|---|---|---|
| A280003 | 3 | 15.0 | 6.0 | 2.2 |
| A280004 | 4 | 20.0 | 7.0 | 2.9 |
| A280005 | 5 | 20.0 | 8.0 | 5.7 |
| A280006 | 6 | 25.0 | 9.5 | 5.7 |




## NET CLIPS

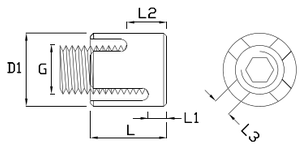
Stainless Steel - **AISI 316**

| ART.NO | WIRE | G | D1 | L | L1 | L2 | L3 | KG/100 |
|---|---|---|---|---|---|---|---|---|
| A600003C | 3 | M10 | 17 | 19 | 5 | 8 | 3,2 | 2,4 |
| A600004C | 4 | M12 | 20 | 21 | 5 | 8 | 4,2 | 3,6 |
| A600005C | 5 | M12 | 20 | 23 | 5 | 10 | 5,2 | 3,6 |
| A600006C | 6 | M12 | 20 | 25 | 5 | 10 | 6,2 | 5,8 |
| A600008C | 8 | M16 | 26 | 32 | 8 | 15 | 8,3 | 7,7 |

For Through - going thread please order

| ART. NO. | WIRE | G | D1 | L | L1 | L2 | L3 | KG/100 |
|---|---|---|---|---|---|---|---|---|
| A610003C | 3 | M10 | 17 | 19 | 5 | 8 | 3,2 | 2,4 |
| A610004C | 4 | M12 | 20 | 21 | 5 | 8 | 4,2 | 3,6 |
| A610005C | 5 | M12 | 20 | 23 | 5 | 10 | 5,2 | 3,6 |
| A610006C | 6 | M12 | 20 | 25 | 5 | 10 | 6,2 | 5,6 |
| A610008C | 8 | M16 | 26 | 32 | 8 | 15 | 8,3 | 7,7 |

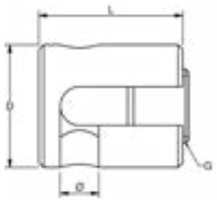
Net Clips are used where crossed wires need connection e.g. for wire nets. They are supplied in two versions - one with through-going thread, and one without.




## FLEXIBLE NET CLIP

Stainless Steel - AISI 316

| ART.NO. | G | Ø | D | L | ROTATION | KG/100 |
|---|---|---|---|---|---|---|
| A602403 | M12 | 3 | 20 | 17,5 | 0-90 Dg. | 31 |
| A602404 | M12 | 4 | 20 | 19,5 | 0-90 Dg. | 32 |
| A602405 | M12 | 5 | 20 | 21,5 | 0-90 Dg. | 32 |
| A602406 | M12 | 6 | 20 | 23,5 | 0-90 Dg. | 34 |



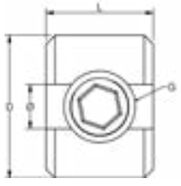
## STOPPER

Stainless Steel - AISI 316

Stoppers are used on both horizontal and vertical wires.

| ART. NO. | WIRE | G | L | D | KG/100 |
|---|---|---|---|---|---|
| A660003 | 3-4 | M8 | 12 | 15 | 13 |
| A660005 | 5-6 | M10 | 15 | 20 | 30 |

NOTE: for use on 7x19 and 7x7 wire only





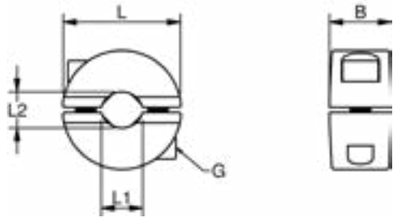


## STOPPER

Stainless Steel - **AISI 304**-Inside jaws for better grip

| ART. NO. | WIRE | G | B | L | L1 | L2 | SLIP LOAD | KG/100 |
|---|---|---|---|---|---|---|---|---|
| A650003 | 3 | M3 | 10 | 15 | 3 | 2,5 | 100kg | 1,4 |
| A650004 | 4 | M3 | 10 | 15 | 4 | 3,0 | 100kg | 1,4 |
| A650005 | 5 | M3 | 10 | 20 | 5 | 4,0 | 100kg | 2,1 |
| A650006 | 6 | M3 | 10 | 20 | 6 | 5,0 | 100kg | 2,1 |
| A650008 | 8 | M4 | 12 | 23 | 8 | 7,0 | 150kg | 2,6 |

Stoppers are used on both horizontal and vertical wires . They come in two parts for easy installation; have small teeth inside and thus a better grip when load is applied.



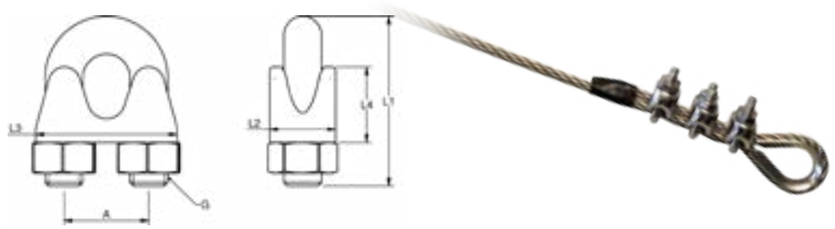

## WIRE ROPE CLIPS

**AISI 316**

Clamps are used for making wire loops, with or without thimbles, on site.

| ART. NO. | SIZE | G | A | L1 | L2 | L3 | L4 | Grips per Loop | KG/100 |
|---|---|---|---|---|---|---|---|---|---|
| A580303 | 3mm | M3 | 7 | 19 | 10 | 17,7 | 11 | 3 | 1,0 |
| A580404 | 4mm | M4 | 9 | 21 | 10,7 | 21 | 12,7 | 3 | 1,5 |
| A580505 | 5mm | M5 | 12 | 28 | 13 | 25 | 14 | 4 | 2,6 |
| A580606 | 6mm | M6 | 16 | 32 | 15,5 | 28 | 15,8 | 4 | 3,6 |
| A580808 | 8mm | M6 | 16 | 36 | 16,5 | 36 | 18,5 | 4 | 4,8 |

Note: Only for Wire Ropes




## CLAMPS

DUPLEX - **AISI 316**

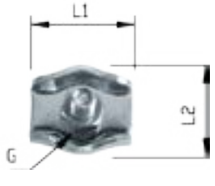
| ART. NO. | WIRE | G | L1 | L2 | KG/100 |
|---|---|---|---|---|---|
| A570403 | 3 | M4 | 35 | 14 | 1,41 |
| A570504 | 4 | M5 | 40 | 17 | 2,45 |
| A570505 | 5 | M5 | 50 | 21 | 2,91 |
| A570606 | 6 | M6 | 60 | 25 | 5,00 |


SWAGE PRESS CRIMP SCREW

## CLAMPS

SIMPLEX - **AISI 316**

| ART. NO. | WIRE | G | L1 | L2 | KG/100 |
|---|---|---|---|---|---|
| A560403 | 3 | M4 | 17 | 14 | 0,72 |
| A560504 | 4 | M5 | 20 | 17 | 1,27 |
| A560505 | 5 | M5 | 25 | 21 | 1.46 |
| A560606 | 6 | M6 | 30 | 25 | 2,52 |




SWAGE PRESS CRIMP SCREW

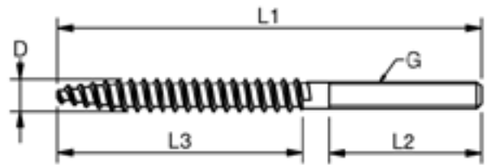




## DUAL THREAD SCREW

Stainless Steel - **AISI 316**

| NO. RIGHT | NO. LEFT | G | D | L1 | L2 | L3 | KG/100 |
|---|---|---|---|---|---|---|---|
| A410503 | A420503 | M5 | 5 | 70 | 25 | 40 | 0,8 |
| A410604 | A420604 | M6 | 6 | 80 | 35 | 40 | 1,3 |
| A410806 | A420806 | M8 | 8 | 86 | 40 | 40 | 2,6 |



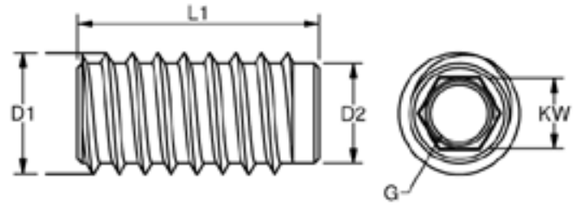

The dual thread pin allows direct installation into wood and if combined with the correct raw plug it is attachable to almost any wall. Ideal for inside thread solutions.

Dual thread screw tong. Page 61

## RAMPA SCREW

Stainless Steel - **AISI 316**

| NO. RIGHT | NO. LEFT | G | L | D1 | D2 | KW | KG/100 |
|---|---|---|---|---|---|---|---|
| A410520 | A420520 | 5 | 20 | 11 | 8,5 | 5 | 0,6 |
| A410624 | A420624 | 6 | 24 | 12 | 9,5 | 6 | 1,1 |
| A410828 | A420828 | 8 | 28 | 14 | 11,5 | 8 | 1,6 |



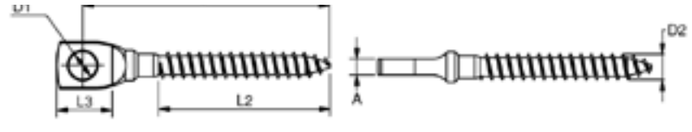

Rampa screw with inside thread left and right for anchoring into wood. Allowes "hidden" adjustment of M5 - M8 threaded parts.

Inside allen key!

## SCREW EYES

Stainless Steel - **AISI 316**

| ART. NO. | A | D1 | D2 | L1 | L2 | L3 | KG/100 |
|---|---|---|---|---|---|---|---|
| A433553 | 3,0 | 5,3 | 5 | 57 | 40 | 12 | 0,70 |
| A434063 | 3,8 | 6,3 | 6 | 58 | 40 | 13 | 1,00 |

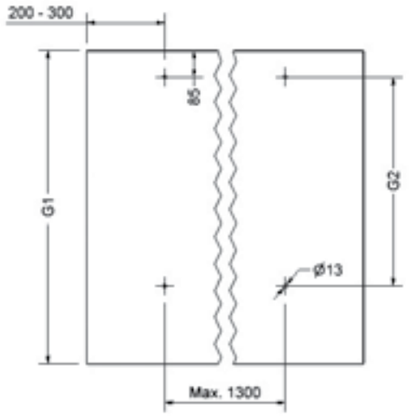


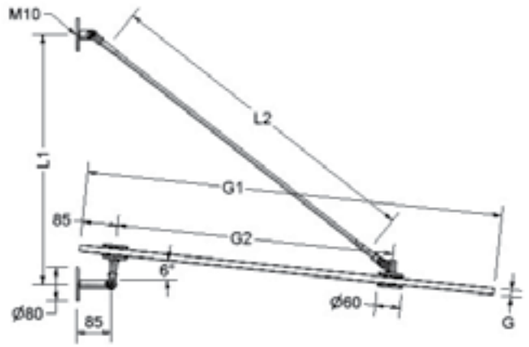

The screw eyes can be directly installed in wood and if combined with the correct raw plug can be attached to almost any wall. Use it as a small eyebolt for attachment to forks, toggle forks, shackles etc.

# GLASS ROOF FITTINGS

Polished Stainless Steel - AISI 316

| ART. NO. | G1 | G2 | G | L1 | L2 | MAX. LOAD PR ANCHOR | WEIGHT 1 LINE |
|---|---|---|---|---|---|---|---|
| AGLASS1S | 1000 | 665 | 2x8 = 16 | 600 | 800 | 300 KG | 2,061 KG |
| AGLASS2S | 1200 | 865 | 2x8 = 16 | 750 | 1065 | 300 KG | 2,228 KG |
| AGLASS3S | 1400 | 1065 | 2x10 = 20 | 885 | 1295 | 300 KG | 2,373 KG |




**Blue Wave's Glass Roof fittings are made from AISI 316!**

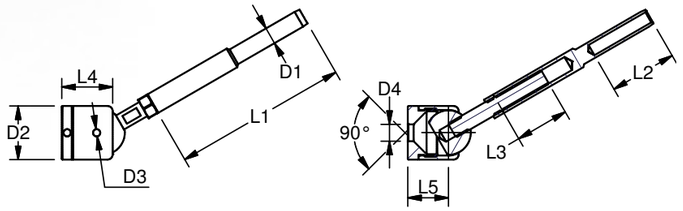
Two anchors allow a glass width of up to 1.900 mm - the fittings are available for Glass canopies with a wall distance of 1.000 - 1.400 mm. Anchor to the wall with a M10 thread!



# BALL CONNECTION

Polished Stainless Steel - AISI 316

| ART. NO. | WIRE | THREAD | D1 | D2 | D3 | D4 | L1 | L2 | L3 | L4 | L5 | BL/KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A290603 | 3 | M6 | 5,5 | 20 | 3 | 6,3 | 65 | 25 | 20 | 19 | 15 | 360 | 5,5 | 100 |
| A290604 | 4 | M6 | 6,35 | 20 | 3 | 6,3 | 65 | 25 | 20 | 19 | 15 | 500 | 6,0 | 100 |
| A290605 | 5 | M6 | 7,5 | 20 | 3 | 6,3 | 70 | 30 | 20 | 19 | 15 | 500 | 6,9 | 100 |

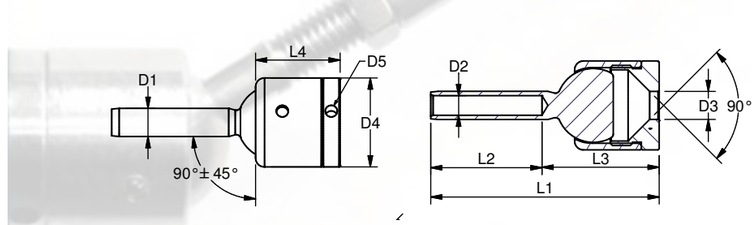



SWAGE PRESS CRIMP SCREW

# BALL CONNECTION TERMINAL

Polished Stainless Steel - AISI 316

| ART. NO. | D1 | WIRE | D3 | D4 | D5 | L1 | L2 | L3 | L4 | BL/KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A290603T | 5,5 | 3 | 6,3 | 20 | 3 | 51 | 25 | 26 | 19 | 360 | 3,9 | 100 |
| A290604T | 6,35 | 4 | 6,3 | 20 | 3 | 51 | 25 | 26 | 19 | 500 | 4,0 | 100 |
| A290605T | 7,5 | 5 | 6,3 | 20 | 3 | 58 | 30 | 28 | 19 | 500 | 4,5 | 100 |




SWAGE PRESS CRIMP SCREW

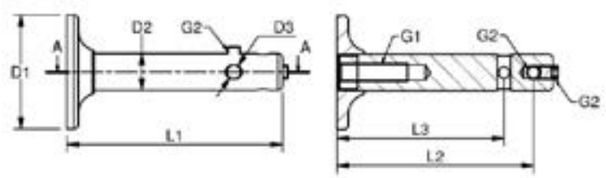
# WASHER

Polished Stainless Steel - AISI 316

| ART. NO. | D1 | D2 | L | Ø |
|---|---|---|---|---|
| A03291506 | 20 | 6,3 | 6 | 42 |

## GREENLINE POST
Stainless Steel - **AISI 316**

| ART. NO. | D1 | D2 | D3 | G1 | G2 | L1 | L2 | L3 | LOAD | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 08165095 | 50 | 16 | 6 | M8 | M6 | 95 | 86 | 73 | 100kg | 21,8 | 1 |
| 08165120 | 50 | 16 | 6 | M8 | M6 | 120 | 111 | 98 | 100kg | 25,8 | 1 |




Mount on a M8 right hand threaded rod or use dual thread screw A410806

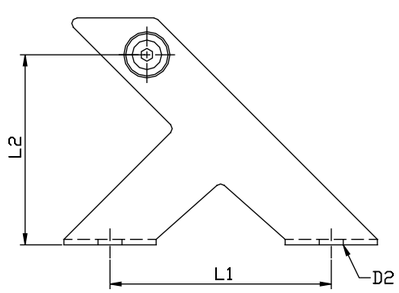
## CURTAIN ANCHORS
Stainless Steel - **AISI 304**

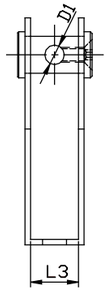
| ART. NO. | WIRE | D1 | D2 | L1 | L2 | B.L./KG |
|---|---|---|---|---|---|---|
| IY1305 | 3 | 5,3 For M5 | 6,5 | 60 | 50 | 500 |

incl. Double headed Clevis Pins

The Y-system offers a number of options - developed as a solid curtain wire base the Y anchors support loads up to 500 kg. and can be used with 2 , 2.5 and 3 mm wire/ M5 thread.

The pin gives flexibility to the system and allows the wires to be fitted at various angles, but can , on longer expansions, also be used as a simple wire support.



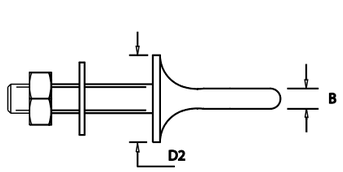

Use max. M5 thread terminals for 3 mm wire

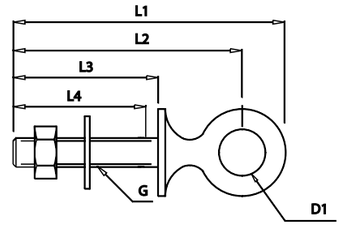


## EYE BOLTS WELDED
Polished Stainless Steel - **AISI 316**

| ART. NO. | G | D1 | D2 | B | L1 | L2 | L3 | L4 | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 370630 | M6 | 13 | 25 | 5,0 | 57 | 46 | 30 | 30 | 1200 | 1,8 | 10 |
| 370640 | M6 | 13 | 25 | 5,0 | 66 | 56 | 40 | 40 | 1200 | 2,8 | 10 |
| 370650 | M6 | 13 | 25 | 5,0 | 76 | 62 | 50 | 50 | 1200 | 3,0 | 10 |
| 370660 | M6 | 13 | 25 | 5,0 | 87 | 76 | 60 | 60 | 1200 | 2,6 | 10 |
| 370600 | M6 | 13 | 25 | 5,0 | 126 | 115 | 100 | 95 | 1200 | 3,7 | 10 |
| 370835 | M8 | 15 | 25 | 6,0 | 66 | 53 | 35 | 35 | 2200 | 3,8 | 10 |
| 370850 | M8 | 15 | 25 | 6,0 | 80 | 68 | 50 | 50 | 2200 | 4,9 | 10 |
| 370880 | M8 | 15 | 25 | 6,0 | 110 | 98 | 80 | 75 | 2200 | 5,5 | 10 |
| 370800 | M8 | 15 | 25 | 6,0 | 130 | 118 | 100 | 75 | 2200 | 6,5 | 10 |
| 371050 | M10 | 16 | 30 | 7,0 | 85 | 70 | 50 | 50 | 3500 | 8,7 | 10 |
| 371000 | M10 | 16 | 30 | 7,0 | 135 | 120 | 100 | 95 | 3500 | 11,0 | 10 |
| 371250 | M12 | 18 | 30 | 9,0 | 90 | 74 | 50 | 45 | 4500 | 10,2 | 10 |
| 371210 | M12 | 18 | 30 | 9,0 | 140 | 124 | 100 | 85 | 4500 | 15,0 | 10 |
| 371216 | M12 | 18 | 30 | 9,0 | 200 | 184 | 160 | 85 | 4500 | 19,0 | 10 |

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



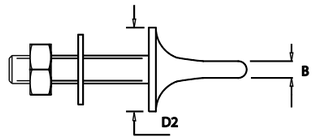



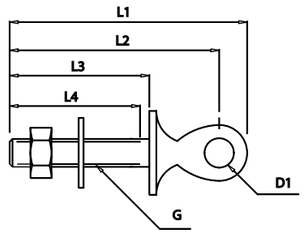

The Welded and forged eye bolts are supplied with a pre-welded cover disc, washer and nut and offer a strong attachment. Use them , for example, combined with forks welded or machined..

## EYE BOLTS FORGED
Polished Stainless Steel - **AISI 316**

| ART. NO. | G | D1 | D2 | B | L1 | L2 | L3 | L4 | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 310630 | M6 | 6,5 | 25,0 | 4,0 | 53 | 46 | 30 | 30 | 1200 | 1,3 | 10 |
| 310660 | M6 | 6,5 | 25,0 | 4,0 | 83 | 76 | 60 | 60 | 1200 | 2,1 | 10 |
| 310835 | M8 | 8,5 | 25,0 | 5,0 | 65 | 58 | 35 | 35 | 2200 | 3,3 | 10 |
| 310880 | M8 | 8,5 | 25,0 | 5,0 | 110 | 104 | 80 | 75 | 2200 | 5,0 | 10 |
| 311050 | M10 | 10,5 | 30,0 | 6,0 | 87 | 75 | 50 | 50 | 3500 | 8,2 | 10 |
| 311000 | M10 | 10,5 | 30,0 | 6,0 | 137 | 125 | 100 | 85 | 3500 | 11,0 | 10 |

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




The Welded and forged eye bolts are supplied with a pre-welded cover disc, washer and nut and offer a strong attachment. Use them , for example, combined with forks welded or machined..

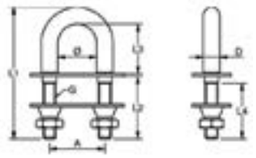
Hardchromed U-bolt with security locking nuts.

## SECURITY "U" BOLTS

Polished Stainless Steel - **AISI 316 - Wst. 1.4401**

| ART. NO. | G | Ø | A | D | L1 | L2 | L3 | L4 | B.L./KG | KG/100 | PACK | Nut |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Class3 certified** | | | | | | | | | | | | |
| 431265 | M12 | 32 | 46 | 14 | 122 | 65 | 41 | 48 | 5100 | 31,0 | 1 | 50 Nm |
| **Class2 certified** | | | | | | | | | | | | |
| 431045 | M10 | 28 | 40 | 12 | 95 | 45 | 38 | 40 | 3500 | 22,0 | 1 | 50 Nm |

Note: All breakloads are determined by thread

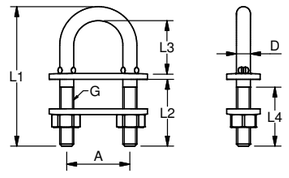



## " U " BOLTS

Polished Stainless Steel - **AISI 316**

| ART. NO. | G | A | D | L1 | L2 | L3 | L4 | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|---|---|---|---|
| 340435 | M4 | 30 | 4,0 | 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 | 8,0 | 80 | 40 | 30 | 32 | 1750 | 12,4 | 5 |
| 348850 | M8 | 50 | 8,0 | 90 | 50 | 30 | 32 | 1750 | 13,2 | 5 |
| 341045 | M10 | 40 | 10,0 | 95 | 45 | 40 | 40 | 3500 | 18,4 | 5 |
| 341060 | M10 | 40 | 10,0 | 110 | 60 | 40 | 35 | 3500 | 20,4 | 5 |
| 341010 | M10 | 40 | 10,0 | 150 | 100 | 40 | 85 | 3500 | 25,0 | 5 |
| 341280 | M12 | 47 | 10,8 | 122 | 80 | 30 | 85 | 5100 | 29,0 | 5 |

Note: All breakloads are determined by thread

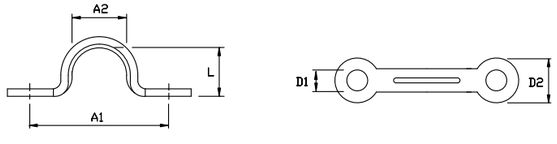



Eye straps are used for various attachments and fixing points . Place it over two predrilled holes and if possible use a pop rivet for easy attachment .

## EYE STRAPS

Polished Stainless Steel - **AISI 316**

| ART. NO. | L | A1 | A2 | D1 | D2 | KG/100 | PACK |
|---|---|---|---|---|---|---|---|
| 150401 | 12 | 28 | 11 | 4.2 | 9 | 0.3 | 100 |
| 155102 | 14 | 34 | 15 | 5.0 | 11 | 0.5 | 100 |
| 155203 | 19 | 44 | 20 | 5.3 | 12 | 1.0 | 100 |
| 155304 | 28 | 63 | 28 | 5.3 | 10 | 1.2 | 50 |
| 156205 | 33 | 67 | 32 | 6.4 | 14 | 2.0 | 50 |





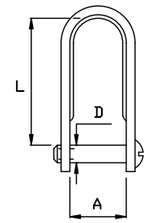



## SHACKLES

Polished Stainless Steel - **AISI 316**

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

Note: All breakloads are determined by pin and thread

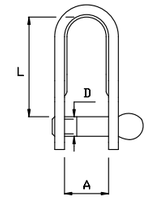



## SHACKLES

Polished Stainless Steel - **AISI 316**

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

Note: All breakloads are determined by pin and thread



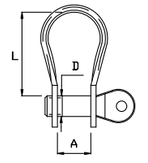

The high quality flat shackles may be used as a flexible on/off attachment, or just as a method of lengthening an item.

## SHACKLES

Polished Stainless Steel - **AISI 316**

| ART. NO. | A | D | L | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|
| 150061 | 14,0 | M6 | 23 | 2000 | 2,5 | 50 |
| 150081 | 17,0 | M8 | 31 | 3000 | 4,5 | 50 |
| 150010 | 21,0 | M10 | 40 | 4800 | 8,5 | 25 |
| 150012 | 25,0 | M12 | 50 | 7000 | 16,0 | 25 |

Note: All breakloads are determined by pin and thread

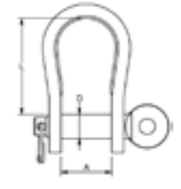



## SHACKLES

Polished Stainless Steel - **AISI 316**

| ART. NO. | A | D | L | B.L./KG | KG/100 | PACK |
|---|---|---|---|---|---|---|
| 151010 | 21,0 | M10 | 40 | 4800 | 9,0 | 25 |
| 151212 | 25,0 | M12 | 50 | 7000 | 16,5 | 25 |

Note: All breakloads are determined by pin and thread

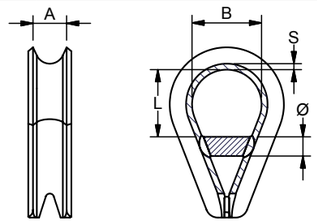


The reinforced thimble is based on the standard thimble but extra force is attained by the addition of a welded bar, as well as the ends of the thimbles being welded together.

## THIMBLES WELDED

Polished Stainless Steel - **AISI 316**

| ART. NO. | A | B | L | Ø | S | KG/100 | PACK |
|---|---|---|---|---|---|---|---|
| 119908 | 9 | 22 | 38 | 6 | 2 | 2,7 | 25 |
| 119909 | 10 | 24 | 24 | 6 | 2 | 3,2 | 25 |
| 119910 | 11 | 27 | 27 | 8 | 2,7 | 5,9 | 25 |
| 119912 | 14 | 29 | 29 | 8 | 2,7 | 6,3 | 25 |
| 119914 | 16 | 33 | 33 | 10 | 3 | 12,3 | 10 |
| 119916 | 18 | 40 | 40 | 10 | 3 | 13,6 | 10 |
| 119918 | 20 | 45 | 45 | 12 | 4 | 24,0 | 10 |
| 119920 | 22 | 50 | 50 | 12 | 4 | 34,8 | 10 |
| 119922 | 24 | 56 | 56 | 16 | 5 | 51,8 | BULK |
| 119926 | 28 | 65 | 60 | 16 | 6 | 85,6 | BULK |

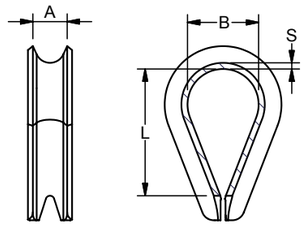



The thimbles from Blue Wave are known worldwide for supreme quality and are often the first choice for the harsh environment of the marine sector.

## THIMBLES

Polished Stainless Steel - **AISI 316**

| ART. NO. | A | B | L | S | KG/100 | PACK |
|---|---|---|---|---|---|---|
| 110002 | 3 | 9 | 16 | 1,00 | 0,2 | 100,0 |
| 110003 | 4 | 10 | 17 | 1,00 | 0,3 | 100,0 |
| 110004 | 5 | 11 | 19 | 1,35 | 0,5 | 100,0 |
| 110005 | 6 | 13 | 21 | 1,20 | 0,7 | 100,0 |
| 110006 | 7 | 15 | 27 | 1,50 | 1,1 | 100,0 |
| 110007 | 8 | 19 | 33 | 1,50 | 1,4 | 100,0 |
| 110008 | 9 | 22 | 38 | 2,00 | 2,6 | 50,0 |
| 110009 | 10 | 24 | 43 | 2,00 | 3,1 | 50,0 |
| 110010 | 11 | 27 | 46 | 2,70 | 4,9 | BULK |
| 110012 | 14 | 29 | 52 | 2,70 | 6,6 | BULK |
| 110014 | 16 | 33 | 57 | 3,00 | 9,0 | BULK |
| 110016 | 18 | 40 | 67 | 3,00 | 11,3 | BULK |
| 110018 | 20 | 45 | 75 | 4,00 | 19,0 | BULK |
| 110020 | 22 | 52 | 84 | 4,00 | 31,2 | BULK |
| 110022 | 24 | 56 | 93 | 5,00 | 45,5 | BULK |
| 110026 | 28 | 65 | 112 | 6,00 | 67,0 | BULK |
| 110028 | 30 | 80 | 135 | 5,50 | 82,0 | BULK |
| 110032 | 34 | 92 | 160 | 6,25 | 110,0 | BULK |
| 110034 | 36 | 105 | 160 | 6,00 | 117,0 | BULK |
| 110036 | 38 | 115 | 176 | 6,00 | 142,0 | BULK |
| 110038 | 40 | 120 | 180 | 8,00 | 206,0 | BULK |
| 110040 | 42 | 120 | 192 | 8,00 | 220,0 | BULK |
| 110042 | 45 | 150 | 240 | 8,00 | 304,0 | BULK |







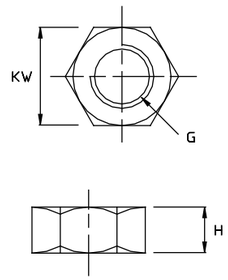

## STOP NUT

Polished Stainless Steel - **AISI 316**

| NO. RIGHT | NO. LEFT | G | H | KW | KG/100 | PACK PCS |
|---|---|---|---|---|---|---|
| 041205 | 051205 | M5 | 4 | 8 | 0,10 | 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 | 0,70 | BULK |
| 041214 | 051214 | M14 | 10 | 19 | 1,30 | BULK |
| 041216 | 051216 | M16 | 11 | 22 | 2,00 | BULK |
| 041220 | 051220 | M20 | 13 | 24 | 2,25 | BULK |
| 041222 | 051222 | M22 | 17 | 30 | 3,50 | BULK |
| 041224 | 051224 | M24 | 18 | 36 | 8,80 | BULK |
| 041227 | 051227 | M27 | 22 | 41 | 16,0 | BULK |
| 041230 | 051230 | M30 | 24 | 46 | 17,0 | BULK |
| 041236 | 051236 | M36 | 29 | 55 | 39,0 | BULK |
| * 041242 | 051242 | M42 | 31 | 60 | 47,2 | BULK |
| * 041248 | 051248 | M48 | 38 | 70 | 79,9 | BULK |
| * 041252 | 051252 | M52 | 42 | 75 | 98,8 | BULK |

* Note: Material 1.4462 (SAF 2205)

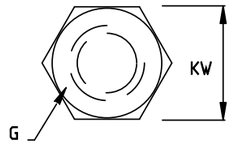
Nuts may be used for locking e.g. a rigging screw or they are very useful to tighten a thread terminal to tension a wire.




## TOP NUT

Stainless Steel - **AISI 304**

| ART.NO. | G | KW | KG/100 |
|---|---|---|---|
| A040503 | M5 | 8 | 0,2 |
| A040604 | M6 | 10 | 0,4 |
| A040806 | M8 | 13 | 0,9 |

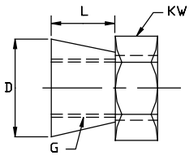



The top nut locks and at the same time covers up the thread end.

## SECURITY NUT

Polished Stainless Steel - **AISI 316**

| ART. NO. | G | D | L | KW | KG/100 | BREAK | PACK |
|---|---|---|---|---|---|---|---|
| 044310 | M10 | 17 | 9,0 | 17 | 1,3 | 50Nm | BULK |
| 044312 | M12 | 20 | 10,5 | 22 | 2,3 | 50Nm | BULK |

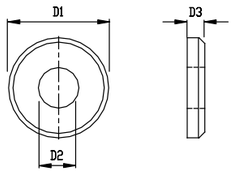



The security nut is the ideal solution where the nut has to remain permanently tightened. Once tightened, the KEY part breaks off and only a cone is left.

## COVER DISK

Stainless Steel - **AISI 316**

| ART. NO. | D1 | D2 | D3 | KG/100 |
|---|---|---|---|---|
| A500003 | 15 | 5,5 | 3.0 | 0,35 |
| A500004 | 20 | 6,5 | 4,0 | 0,85 |
| A500006 | 25 | 8,5 | 4,0 | 1,30 |

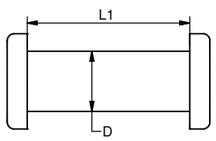



The final touch to a installation may be given by use of a cover disk. The WDS cover disk is "heavy" machined and has a raised edge .

## DOUBLE HEADED PIN

Stainless Steel - **AISI 316**

| ART. NO. | D | L | KG/100 |
|---|---|---|---|
| 061606H | 6 | 16,2 | 1,0 |
| 062008H | 8 | 19,5 | 1,5 |
| 062110H | 9,8 | 21,2 | 2,4 |

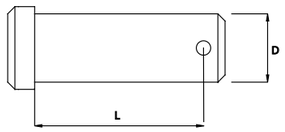



Elegant and tamper proof alternative to standard clevis pins.

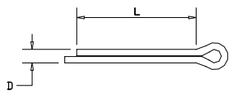
## CLEVIS PIN

Polished Stainless Steel - AISI 316

Pins and G-rings are spare parts for the WDS program.




| ART. NO. | D | L | KG/100 | PACK |
|---|---|---|---|---|
| 061304 | 4.0 | 13 | 0.2 | BULK |
| 061605 | 5.0 | 15 | 0.3 | BULK |
| 061806 | 6.0 | 17 | 0.9 | BULK |
| 061663 | 6.4 | 16 | 0.9 | BULK |
| 061908 | 8.0 | 18 | 1.0 | BULK |
| 062008 | 8.0 | 21 | 1.1 | BULK |
| 062395 | 9.5 | 23 | 1.5 | BULK |
| 062611 | 11.0 | 26 | 2.4 | BULK |
| 062812 | 12.0 | 28 | 3.0 | BULK |
| 063012 | 12.0 | 30 | 3.5 | BULK |
| 063412 | 12.0 | 34 | 4.0 | BULK |
| 063214 | 14.0 | 32 | 5.3 | BULK |
| 063714 | 14.0 | 37 | 5.5 | BULK |
| 063416 | 16.0 | 34 | 6.5 | BULK |
| 064016 | 16.0 | 40 | 7.7 | BULK |
| 064419 | 19.0 | 44 | 13.0 | BULK |
| 064919 | 19.0 | 49 | 14.0 | BULK |
| 064622 | 22.0 | 46 | 16.3 | BULK |
| 065522 | 22.0 | 55 | 19.0 | BULK |
| 065822 | 22.0 | 58 | 20.0 | BULK |
| 065525 | 25.4 | 55 | 25.0 | BULK |
| 066325 | 25.4 | 63 | 28.0 | BULK |
| 067328 | 28.0 | 73 | 40.0 | BULK |
| 068332 | 32.0 | 83 | 60.0 | BULK |
| 068835 | 35.0 | 88.5 | 76.0 | BULK |



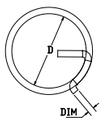

## SPLIT PINS

Stainless Steel - **AISI 316**

| ART. NO. | DIM | L | KG/100 | PACK |
|---|---|---|---|---|
| 070609 | 1.5 | 10.0 | 0.01 | 100 |
| 0706101 | 2.0 | 12.0 | 0.03 | 100 |
| 070610 | 2.0 | 15.0 | 0.03 | 100 |
| 070611 | 2.0 | 25.0 | 0.05 | 100 |
| 0706121 | 2.5 | 16.0 | 0.06 | 100 |
| 070612 | 2.5 | 25.0 | 0.10 | 100 |
| 0706131 | 3.2 | 20.0 | 0.14 | 50 |
| 070613 | 3.0 | 25.0 | 0.15 | 50 |
| 070614 | 3.0 | 32.0 | 0.20 | 50 |
| 0706151 | 4.0 | 32.0 | 0.35 | BULK |
| 070617 | 5.0 | 40.0 | 0.75 | BULK |
| 070618 | 6.3 | 50.0 | 1.30 | BULK |

## BLUE WAVE Standards

| Thread | Split hole |
|---|---|
| Size | Ø |
| - | - |
| 1/4” | 2.2 |
| 1/4” | 2.2 |
| 1/4” | 2.2 |
| 5/16” + 3/8” | 2.8 |
| 5/16” + 3/8” | 2.8 |
| 7/16” + 1/2” | 3.5 |
| 7/16” + 1/2” | 3.5 |
| 7/16” + 1/2” | 3.5 |
| 5/8”+3/4” | 4.5 |
| 7/8” + 1” | 5.5 |
| - | - |




## G-RING

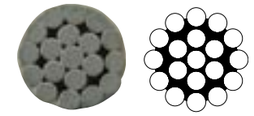
Stainless Steel - **AISI 316**

| ART.NO. | DIM. | D | KG/100 | PACK |
|---|---|---|---|---|
| 070601 | 1,00 | 11,0 | 0,015 | 100 |
| 070602 | 1,25 | 15,0 | 0,075 | 100 |
| 070603 | 1,50 | 19,0 | 0,100 | 100 |
| 070604 | 2,00 | 23,0 | 0,230 | 100 |



## STAINLESS STEEL WIRE ROPE

Stainless Steel - **AISI 316**



stiff wire construction

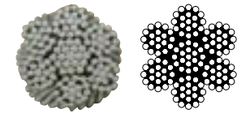
BLUE WAVE deliver wire rope in following standard reel sizes

Please order:
**125** Meter: Cat. No. +/1
**250** Meter: Cat. No. +/2
**500** Meter: Cat. No. +/3

Example:
WR119021
WR119022
WR119023

1 x 19 AISI 316 - DIN 3053

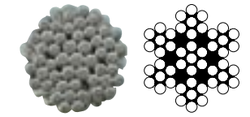
| ART. NO. | DIM MM | TENSILE STRENGTH KG | CA. KG/100 |
|---|---|---|---|
| WR11902 | 2 | 336 | 1.99 |
| WR11925 | 2.5 | 525 | 3.1 |
| WR11903 | 3 | 756 | 4.47 |
| WR11904 | 4 | 1346 | 7.95 |
| WR11905 | 5 | 2100 | 12.4 |
| WR11906 | 6 | 3027 | 17.9 |
| WR11907 | 7 | 4119 | 24.3 |
| WR11908 | 8 | 5302 | 31.8 |
| WR11910 | 10 | 8035 | 49.7 |



very flexible wire construction

7 x 19 AISI 316 - DIN 3060

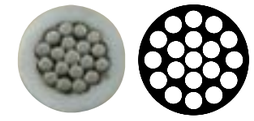
| ATR. NO. | DIM MM | TENSILE STRENGTH KG | CA. KG/100 |
|---|---|---|---|
| WR71902 | 2 | 212 | 1.58 |
| WR71925 | 2.5 | 332 | 2.4 |
| WR71903 | 3 | 478 | 3.84 |
| WR71904 | 4 | 850 | 6.49 |
| WR71905 | 5 | 1325 | 9.14 |
| WR71906 | 6 | 1913 | 13.8 |
| WR71908 | 8 | 3395 | 23.87 |
| WR71910 | 10 | 5312 | 40.3 |



flexible wire construction

7 x 7 AISI 316 - DIN 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 |
| WR70712 | 12 | 8269 | 55.5 |



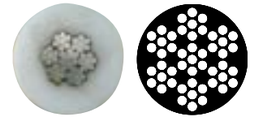
stiff wire construction

1 x 19 AISI 316 COATED WHITE

| ART. NO. | DIM MM | TENSILE STRENGTH KG | CA. KG/100 |
|---|---|---|---|
| CW119460 | 4,0 - 6,0 | 1346 | 9.5 |

7 x 7 AISI 316 COATED WHITE

| ART. NO. | DIM MM | TENSILE STRENGTH KG | CA. KG/100 |
|---|---|---|---|
| CW707460 | 4,0 - 6,0 | 918 | 8.75 |
| CW707480 | 4,0 - 8,0 | 918 | 9.5 |



flexible wire construction

## WDS CRIMPING TOOL

WDS Accu Tool for 3-6 mm SMALL WDS terminals

One-hand-operated Arctool, delivedered in toolbox with a 12V 2200 mAh battery. Charges up to 1000 times. Each charge delivers power to press up to app. 100 times. For easy use and acces on narrow places the head is turnable 180°. The pressing force is 5,5 kN and a "click" will be heard when pressing is complete. The Arctool Accu is CE-certified.

| ART. NO. | WIRE SIZE METR. | CRIMPING DIAMETER | KG/1 |
|---|---|---|---|
| ARCTOOL1ACC | 3 - 6 MM | 5,5 - 9,0 MM | 3,2 |

**Dies Included**

**Note: lose dies available on request**

## DUAL THREAD SCREW TONG

WDS Tool for dualscrew

| ART. NO. | THREAD SIZE METR. | KG/1 |
|---|---|---|
| ARCTOOL3 | M5 - M10 | 0,5 |

**Right handed thread only.**



## CRIMPING TOOL

Economy Tool for 3-8 mm SMALL WDS terminals

| ART. NO. | WIRE SIZE METR. | CRIMPING DIAMETER | KG/1 |
|---|---|---|---|
| ARCTOOL8 | 3 - 8 MM | 5,5 - 12,6 MM | 5,2 |

Note: Included Dies

Note: Lose dies available on request

WDS tool for handcrimping SMALL WDS terminals Ø 3 mm - Ø 8 mm. Hydraulic and including dies.

## WDS CRIMPING TOOL

WDS Tong for 3 & 4 mm WDS SMALL fittings

| ART. NO. | WIRE SIZE METR. | CRIMPING DIAMETER | KG/1 |
|---|---|---|---|
| ARCTOOL4 | 3 + 4 MM | 5,5 - 6,35 MM | 1,7 |

For use on flexible wire only. (eg. 7x19 & 7x7)

## 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 |

**www.bluewave.dk**