

BASELINE
MARINE PRODUCTS

Orderline: 01489 576349
sales@baselinemarine.com

Mail Order Catalogue

Issue 14



HARDWARE

CLAMCLEATS

HOOKS

SHACKLES

RIGGING

FASTENINGS

CANOPY FITTINGS

RINGS & BUCKLES

SAILMAKING

CHANDLERY

BLOCKS

ROPE

VICTORY MARINE

SOLENT LEISURE

LOADING ASSUMPTIONS

Wherever possible throughout this catalogue, the Breaking Load is stated as supplied by the manufacturer, normally in Kg (kilograms). Where other units are used these are indicated on the appropriate pages.

Breaking Loads are for guidance only and do not form part of any warranty. All loads are quoted assuming a straight pull using shackles to secure to the test equipment. Where the load on a buckle is not straight the strength could be reduced. Where formulas have been used to obtain a components breaking load etc., an ultimate tensile stress has been assumed of: 500 N/mm² for Stainless Steel, 300 N/mm² for Aluminium, 350 N/mm² for Carbon Steel. In many tests we have made where buckles, D rings etc. have been pulled using webbing, failure of the webbing occurs before the product reaches its Breaking Load. Our test data is available on request and tests can be made on customer's applications if required. Buckles are used in a variety of applications and factor of safety for Safe Working Loads may vary. Our recommendation is that the Safe Working Load be one fifth of the Breaking Load.

It is the obligation of the purchaser or user to determine whether or not each item is suitable for its intended use. In no event shall our liability extend beyond the replacement cost of any item.

STAINLESS STEEL

Stainless Steel is the name given to a large group of Steel Alloys with many differences in properties and behaviour, all of which contain more than 10.5% Chromium, so have a resistance to corrosion. This is due to the fact that Chromium has a high affinity for oxygen and forms a tenacious, stable Oxide film that is resistant to further chemical or physical change.

The Austenitic group of Steel Alloys contains Chromium in the range of 17-25% and Nickel in a range of 8-20% with various additional elements to achieve different properties. The following three types are most commonly used in the marine trade:

Type 302

A basic 18% chrome 8% Nickel grade from which the majority of other forms have been developed. Its properties make it the most suitable for the manufacture of stainless steel springs.

Type 304 (A2)

Similar to 302 but due to a lower Carbon content, is less susceptible to inter-granular corrosion after welding. With reasonable resistance to corrosion, it is suitable for applications where there is limited exposure such as fittings below decks.

Type 316 (A4)

This is a Molybdenum bearing Stainless Steel designed for applications involving severe corrosion conditions and is non-magnetic. It is therefore most suitable for marine use, especially for sail hardware and 'on deck' applications where there is high exposure to salt water.

TIG WELDING



All Makefast products using welded construction are welded using the Tungsten Inert Gas (TIG) System. This is vital for consistent high quality welds in Stainless Steel and is recognised as the industry standard procedure for all high load welded structures. Although more costly than standard arc welding, Makefast insist on all its welded products using this method. Baseline believe that for safety equipment no shortcuts can be made in quality.

Therefore when you see the logo for TIG welding, be assured the product is of the highest quality.

What's wrong with standard arc welding?

When welding takes place the material being joined is heated to very high temperatures, using an electric arc between the electrode and welding jig, until it liquefies in localised areas in the weld region. The weld comprises of the fused material with a portion of welding consumable which when cooled forms a solid mass of material.

With standard non-shielded welding, the high temperatures cause oxidation to be introduced into the weld area so causing impurities and weakness in the final weld.

With TIG welding, a tungsten electrode is used to create a high temperature electric spark which melts the surrounding material. The weld area is shielded by an inert gas (usually argon) which prevents oxidation in the weld area. Furthermore, the welding process uses a stainless steel filler rod of the same constituent material as the component so ensuring material strength is not reduced.

PLASTIC MOULDINGS

The Makefast plastic products, when used for loaded applications are manufactured using Nylon 6, Nylon 66 or Acetal. Non loaded products are generally manufactured in polypropylene.

The colour of plastic products does affect the price due to the high cost of certain pigments used to colour the base plastic material. As a general rule, reds and yellows will be more costly than blues and dark colours.

Makefast use a range of sophisticated microprocessor controlled injection moulding machines capable of moulding a range of engineering

thermoplastics. The advantages of these machines include full and detailed control over the moulding cycle, ensuring the highest quality results in a range of materials. The advanced mixing systems ensure consistency in colour matching throughout a production run and additives can be strictly controlled to achieve the desired affect, be it for colour, fire resistance or increased strength.

Makefast reduce waste by recycling plastic and manufacture several non-load bearing products using this reground material.

Carriage Charges			
Option	Max Weight / Size	Delivery Time	Price
Post	1.2Kg / 1m long	1-5 Days	£5.80
Carrier	30Kg / 2m long	UK Next day business up to 5 days residential*	£9.60
Carrier	3m Long	UK Next Day	£14.00
N.I. 24Hr	30Kg / 2m long	Next Day	£20.00
Van Delivery	Any	Thursday for SO post codes Friday for PO (ex I.O.W.)	FREE
Prices subject to change with out notice * Post office clasifies some business addresses as residential			

BASELINE Supporting Information and Conversions

These are intended as a guide only, as hole sizes vary greatly with material thickness and type.

Screw Guage to mm		Recomended Drill Sizes	
Screw Gauge	Size mm	Metal mm	Plastic mm
4	2.90	2.4	2.2
6	3.35	2.8	2.6
8	4.22	3.3	3.1
10	4.80	4.1	3.7
12	5.40	4.8	4.1
14	6.30	5.6	4.9

Lengths					
Ins	mm	Ins	mm	Ins	mm
1/8	3.18	1 1/4	31.75	3 1/4	82.55
1/4	6.35	1 1/2	38.10	3 1/2	88.90
3/8	9.53	1 3/4	44.45	3 3/4	95.25
1/2	12.70	2	50.80	4	101.60
5/8	15.88	2 1/4	57.15	4 1/4	107.95
3/4	19.05	2 1/2	63.50	4 1/2	114.30
7/8	22.23	2 3/4	69.85	4 3/4	120.65
1	25.40	3	76.20	5	127.00
Inches x 25.40 = mm		Miles x 1.609 = Kilometres		Metres x 3.281 = Feet	
Feet x 0.3048 = Metres		mm x 0.03937 = Inches		Kilometres x 0.6214 = Miles	

Area	
Sq. Inches x 6.452 = Sq. Centimetres	Sq. Centimetres x 0.1550 = Sq. Inches
Sq. Feet x 0.0929 = Sq. Metres	Sq. Metres x 10.76 = Sq. Feet
Sq. Yards x 0.836 = Sq. Metres	Sq. Metres x 1.196 = Sq. Yards

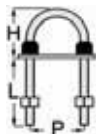
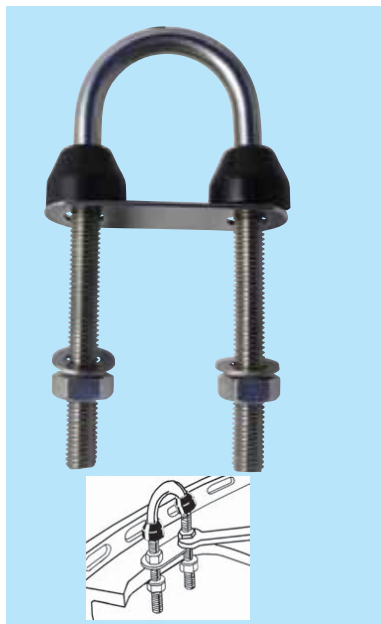
Weight	
Ounces x 28.35 = Grammes	Grammes x 0.0353 = Ounces
Pounds x 0.4536 = Kilogrammes	Kilogrammes x 2.2046 = Pounds
Imperial Ton x 1.016 = Tonne (1000Kg)	Tonne (1000Kg) x 0.9842 = Imperial Ton
Kilogrammes X 0.00980665 = Kn	Kn X 101.971621298 = Kilogrammes

Volume	
Cubic Feet x 28.317 = Litres	Litres x 0.0353 = Cubic Feet
Imperial Gallon x 4.546 = Litres	Litres x 0.220 = Imperial Gallons

Sailcloth	
UK Ounces = Ounces per 36" x 36"	US Ounces = Ounces per 28.5" x 36"
UK Ounces x 33.91 = Grammes per Sq.	Grammes per Sq.M x 0.095 = UK Ounces
US Ounces x 42.83 = Grammes per Sq. M	Grammes per Sq.M x 0.0233 = US Ounces
UK Ounces x 0.792 = US Ounces	US Ounces x 1.263 = UK Ounces

BASELINE CATALOGUE SECTIONS

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COLLARED U-BOLTS

In 316 Stainless Steel with Stainless Steel Nuts under Nylon Collars. All U Bolts supplied with one plate, 2 nuts and washers in 316 Stainless. *Exceptions are Part No. 0295 which is supplied with 2 plates and has all Stainless Steel collars, Part No. 0223 has Nyloc nuts and Part No. 0224 has spring washers

The advantage of the Baseline design for U- Bolts is that they are adjustable from above the deck where there is easy accessibility. The nuts can be run up by hand on the underside of the deck, where confined space often makes it difficult to use a spanner, and then can be tightened from above deck. If necessary the nuts can be adjusted by up to 3 mm, to compensate for any unevenness in the deck. After they are tightened the attractive nylon collars snap over them.

Part No.	Thread Dia	H mm	L mm	P mm
0291	M6	30	48	30
0223	M8	33	23	33
FLE-1	M8	35	40	46
0292	M8	40	64	40
0448	M8	40	90	40
0293	M10	50	75	50
0224	M10	35	60	35
1011	M10	30	110	35
0294	M12	60	96	60
0294A	M12	55	100	50
0295	M16	80	120	80



U-BOLTS WITHOUT COLLARS

Made from 316 Stainless Steel. 0754 supplied with 1 plate, nuts and washers, 0110 supplied with 1 plate and Nyloc nuts.

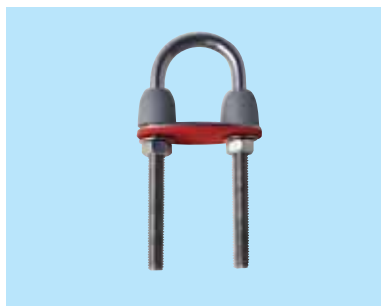
Part No.	Thread Dia	H mm	L mm	P mm
0754	M12	45	65	50



WICHARD U-BOLT

Made from 316 Stainless Steel. Supplied with 2 plates, nuts and washers.

Part No.	Thread Dia	H mm	L mm	P mm
W6513	M6	35	34	34



SEALED U-BOLTS

Made from 316 Stainless Steel. Supplied with 1 plate, nuts and washers. This new design has a red thermoflex seal under the plate preventing the need for sealant.

Part No.	Thread Dia	H mm	L mm	P mm
M0777	M6	35.4	24	30
M0777L	M6	35.4	47	30
M0778	M8	41.4	24	40
M0778L	M8	41.4	65	40
M0779	M10	54.5	35	50
M0779L	M10	54.5	75	50



DINGHY U-BOLTS

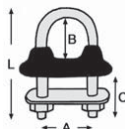
Made from 316 Stainless Steel. Supplied with 1 plate, nuts and washers.

Part No.	Thread Dia	H mm	L mm	P mm
SS-20-M4-25U	M4	26	25	26
SS-20-M4-50U	M4	26	50	26

WICHARD SEALED U-BOLTS

Made from 316 Stainless Steel, with a UV Resistant rubber collar to prevent the need for sealant.

Part No.	Thread Dia	A mm	B mm	C mm	L mm
W65331	M6	32	24	35	70
W65431	M6	32	24	55	90
W65341	M8	36	25	40	80
W65441	M8	36	25	60	100
W65351	M10	40	26	45	90
W65451	M10	40	26	65	110
W65361	M12	44	27	50	110
W65461	M12	44	27	70	130



EXTRA PLATES FOR U-BOLTS

Made from 316 Stainless Steel.

Part No.	To Suit U-Bolt	Part No.	To Suit U-Bolt
0223P	0223	0293P	0293
0291P	0291	0224P	0224/1011
0754P	0754	0294P	0294
0292P	0292/0448		



BACKING PLATES FOR SEALED U-BOLTS

Made from 316 Stainless Steel.

Part No.	To Suit U-Bolt
M0777P	M0777, M0777L
M0778P	M0778, M0778L
M0779P	M0779, M0779L



PIPE CLAMPS

Made from 316 Stainless Steel. Supplied with nuts and washers.

Part No.	Thread	Overall Length mm	Thread Length mm	To Fit Pipe Size ins
0440	M6	51	30	3/4
0441	M6	57	30	1
0442	M6	63	30	1 1/4
0443	M6	76	35	1 1/2
0444	M8	91	35	2



RING BOLTS

Made from Stainless Steel Metric thread.

Part No.	Thread	Ring i/d mm	Bolt Length mm	Thread Length mm
SSRB06	M6	35	75	50
SSRB08	M8	45	75	50



RING BOLTS

Made from Stainless Steel self tapping thread.

Part No.	Shank mm	Ring i/d mm	Bolt Length mm	Ring Dia mm
SSRBL03	3	25	45	4
SSRBL06	6	30	50	6
SSRBL08	8	50	60	8

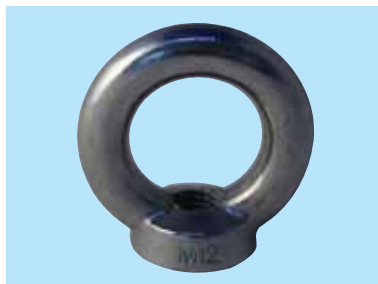




TRANSOM MOUNT SKI HOOK

Transom mounted ski hook, for attaching a ski line to a boat in seconds Made from Stainless Steel supplied with nuts and washers

Part No.	Thread	Hole Centres mm
8559	1/2"	78
8558	3/8"	54



EYE NUTS

Made from 316 Stainless Steel. Made to DIN 582

Part No.	Thread Dia.	D mm	L mm	SWL Kg
0213S	M6	13	6	80
0214	M8	20	7	140
0215	M10	25	9	230
0216	M12	30	11.5	340
0218	M16	35	13.2	700
0219	M20	40	16	1200
0220	M24	50	20	1800
0225	M30	60	22	3600



WICHARD EYE NUTS

Made from forged 305 Stainless Steel.

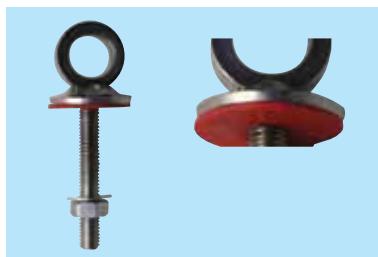
Part No.	Thread Dia.	D mm	L mm	BL Kg
W6333	M6	13	7	1700
W6344	M8	17	10	3200
W6355	M10	22	12.5	4800
W6366	M12	27	15.5	7000
W6368	M16	27	14.5	10000



LIFTING EYEBOLTS

Made from 316 Stainless Steel. Made to DIN 580

Part No.	Thread Dia.	D mm	L mm	SWL Kg
3213	M6	13	13	80
3214	M8	20	13	140
3215	M10	25	17	230
3216	M12	30	21	340
3218	M16	35	27	700
3219	M20	40	30	1200
3220	M24	50	36	1800
3225	M30	60	45	3600



SEALED EYEBOLTS

Made from 316 Stainless Steel, with a red thermoflex seal under the collar to prevent the need for sealant. Supplied with Nut and Washer

Part No.	Thread Dia.	D mm	L mm	Breaking Load Kg
M0782	M6	14	50	800
M0783	M8	15.6	50	1400
M0784	M10	24.1	70	2000

FABRICATED EYE BOLTS

Made from 316 Stainless Steel. Supplied with nuts and washers. All fabricated Eye Bolts are fully threaded. All are available with certificates of conformity.

Part No.	Thread Dia	D mm	L mm	Breaking Load Kg
0201	M6	14	50	800
0202	M6	14	80	800
0203	M8	18	50	1400
0204	M8	18	80	1400
0205	M10	24	65	2000
0206	M10	24	110	2000
0207	M12	28	65	3000
0208	M12	28	110	3000
0209	M16	40	75	4000
0210	M16	40	150	4000



CAST EYE BOLTS

Made from 316 Stainless Steel supplied with nuts and washers. Not available with certificates

Part No.	Thread	Eye Dia mm	Thread Length mm	Breaking Load Kg
3204	M6	16	40	800
3205	M6	16	60	800
3206	M6	16	80	800
3208	M8	19	100	1400
3210	M10	25	100	2000
3211	M10	25	200	2000
3212	M12	29	120	3000
3217	M12	29	200	3000
3221	M16	35	150	N/A
3222	M20	39	150	N/A
3224	M24	50	150	N/A



EYE BOLTS

Made from 304 Stainless Steel.

Part No.	Thread mm	Eye Dia mm	Thrd Length mm
310630	M6	6	30
310660	M6	6	60
310835	M8	8	35
310880	M8	8	80



EYE STUDS

Made from 316 Stainless Steel.

Part No.	Thread mm	HL mm	TL mm	H mm
1002	M10	20	19	8
1006	M10	20	30	8



Can be used with shackle to make removable Eye Bolt

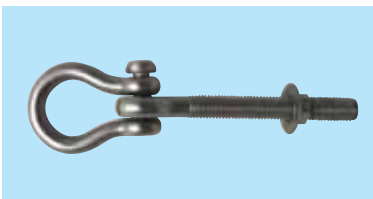


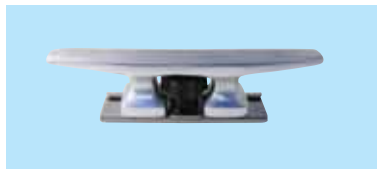
Shown with 0356 8mm Bow Shackle

BOAT RING WITH SHACKLE

Made from 316 Stainless Steel

Part No.	Thread UNF	Eye Dia mm	Length mm	Thrd Length mm	Bar Dia mm
0388	5/16	18	110	52	6
0389	3/8	24	129	73	8





CLAMP ON CLEATS

Made from Aluminium

Part No.	Track size
9260	25mm Barton T Track
9261	32mm Barton T Track



DECK CLEATS

Made from black Nylon

Part No.	Screw Size	Length mm	Weight g	Hole Centres
9251	No.6	75	7	26.5mm
9253	No.8 or M4	100	13	28.5mm
9255	No.8 or M4	135	28	36.5mm
9257	M6	170	48	42.8mm
9259	M6	210	82	49.2mm



STRAIGHT BOW CHOCKS

Made from Forged 316 Stainless Steel. Sold only in pairs.

Part No.	Screw Size	Length mm
9281	5mm	120
9282	6mm	160



SKENE BOW CHOCKS

Made from Forged 316 Stainless Steel. Sold only in pairs.

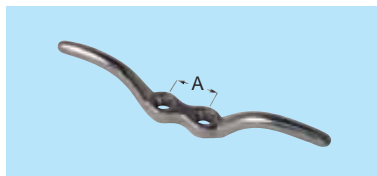
Part No.	Screw Size	Length mm
9282H	5mm	153



HALYARD CLEATS

Made from Forged 316 Stainless Steel

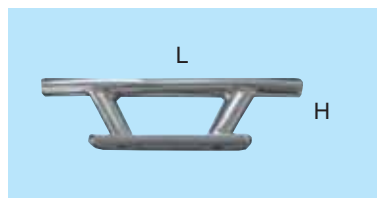
Part No.	Screw Size mm	Diameter mm	Overall Length mm
0327	3	5	55
0328	5	7	75
0329	6	9	90
0330	6	12	120
0331	6	16	150



HALYARD CLEATS

Made from Cast Stainless Steel

Part No.	A mm	Length mm	Hole mm
0855	10.5	68	4
0857	21	114	5
0859	24	150	6



BOLT UNDER CLEATS

A nice neat cleat with threaded holes in the base for easy fitting, supplied with backing plate and bolts.

Made from Welded 316 Stainless Steel.

Part No.	L mm	Hole Ctrs mm	H mm
8940	150	47	44
8941	200	70	56

CHAIN CLEAT

The Chain Cleat is a revolutionary new design of cleat to hold the anchor chain. It has a remarkably simple and low-profile design with a unique feature which allows a chain to be easily and securely placed into the angled slot between the two horns.

On boats with an anchor winch, the Chain Cleat will take all the load of the anchored boat from the winch, so helping to reduce the wear and tear on the winch.

Chain Cleat is manufactured in 316 Stainless Steel, the slot is sized to accept 6mm – 8mm (1/4" – 5/16") chain and the cleat is generally suitable for any boat between 20 - 40 feet.

Part No. 9231



HOLLOW BASED CLEATS

Made from 316 Stainless Steel

Part No.	Screw Size mm	A mm	L mm
9198	4	35	100
9199	5	44	125
9201	6	56	152
9203	6	71	203
9205	8	95	254
9207	8	95	305
9208	12	120	380



LOW PROFILE CLEATS

Made from 316 Stainless Steel

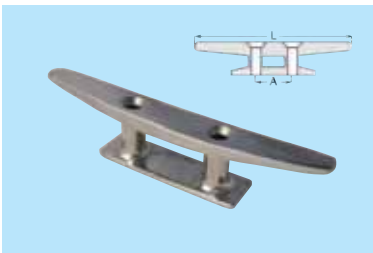
Part No.	Screw Size mm	A mm	L mm
9209	4	30	100
9210	5	40	125
9211	6	47	152
9213	8	58	203
9215	8	72	250
9217	8	99	300



2 HOLE LOW PROFILE CLEATS

Made from 316 Stainless Steel

Part No.	Screw Size mm	A mm	H mm	L mm
9219	4	30	24	100
9220	5	40	28	125
9221	6	45	30	150
9223	8	55	35	200
9225	8	72	40	250
9223P	Backing Plate for 9223 Cleat			



PULL UP CLEATS

Sleek, mirror polished stainless steel pull up cleats as used on prestige yachts worldwide, available in 3 sizes. Made from 316 Stainless Steel. UNC Nyloc nuts provided.

Part No.	A mm	B mm	L mm	Thread
9236	63	96	122	5/16
9238	79	130	160	3/8
9240	101	160	214	3/8





RAIL CLEAT

A neat fitting to clamp over Stanchions or Rails up to 25mm (1") Dia
Made from Black Nylon with Stainless Steel Screws, total length 110mm

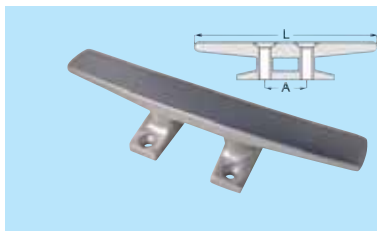
Part No. 9272



SHROUD CLEAT

This handy cleat simply clamps on to the shroud without causing damage to the wire. Complete with backing plate and fastening screws it can be fitted in seconds. Ideal for securing pennants and signal flag halyards. Suitable for wire up to 8mm

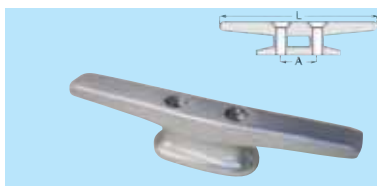
Part No. 9270



ALUMINIUM CLEATS

4 hole open based cleats. Made from marine grade Aluminium

Part No	Screw Size	A mm	Length Ins	mm
9131	5	42	6	150
9132	6	57	8	200
9133	8	75	10	255
9134	8	105	12	300



ALUMINIUM CLEATS

2 hole solid based cleats. Made from marine grade Aluminium

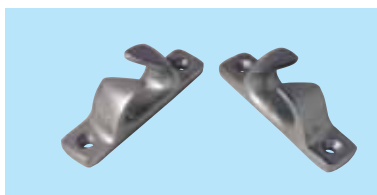
Part No.	Length mm	ins	A mm	Screw Size mm
9141	103	4	24	5
9142	157	6	33	6
9143	203	8	36	6



ALUMINIUM CLEATS

4 hole solid based cleats. Made from marine grade Aluminium

Part No.	Length mm	ins	Hole Centres	Screw Size
9150	125	5	22mm	5mm
9151	157	6	26mm	5mm
9152	205	8	35mm	6mm



HANDED ALUMINIUM FAIRLEADS

Made from marine grade Aluminium. Supplied only in handed pairs.

Part No.	Length mm	ins	Hole Centres	Screw Size
9180	105	4	83mm	6mm
9181	135	5	103mm	6mm
9182	155	6	130mm	6mm

RAKED ALUMINIUM BOLLARDS

Part No.	Length		W	Screw Size
	mm	ins	mm	
9191	146	6	40	5mm
9192	175	7	48	5mm



BOLLARDS

Made from polished 316 Stainless Steel.

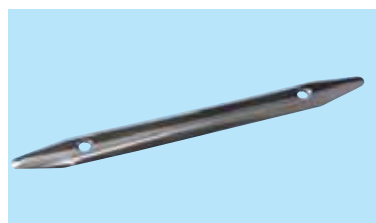
Part No.	Tube dia Inches	Hole Size	Base Dim mm	Height mm
9540	1	8mm	76 x 38	76
9541	2	8mm	76 x 76	101
9542	3	10mm	101 x 101	159



RUBBING STRAKE

Made from polished 304 Stainless Steel.

Part No.	Length mm	Width mm	Hole Size mm
8562	200	19	5
8563	300	19	5
8564	450	19	5
8566	600	19	5



LACING / DECK EYES

Made from pressed 316 Stainless Steel

Part No.	Overall Length	Inside Height	Inside Width	Mat. Thkns	Hole Size
0176	35mm	10mm	9mm	1.2mm	5mm
0168	35mm	12mm	13mm	1.5mm	4mm
0169	43mm	14mm	16mm	2.0mm	5mm
0170	60mm	16mm	30mm	2.5mm	5mm
0171	65mm	18mm	31mm	2.5mm	6mm
0176P	Backing plate for 0176				



LACING / DECK EYES

Forged deck eyes made from 316 Stainless Steel

Part No.	Overall Length	Inside Height	Inside Width	A mm	Hole Size
0334	38mm	10mm	8mm	4	3mm
0335	53mm	12mm	14mm	9	5mm
0336	57mm	11mm	15mm	6	6mm
0338	83mm	19mm	22mm	8	8mm



DECK EYES

Made from 316 Stainless Steel

Part No.	Hole Centres mm	Height mm	Hole Size mm
SS-25-09	24	8.5	3.5
SS-25-10	25	13	4.5
SS-05-24	42	14	5
SS-05-25	55	22	6.5





CAST DECK EYES

Made from 316 Stainless Steel

Part No.	Overall Length mm	Inside Height mm	Bar Dia mm	Hole Size mm
1610	51mm	11	5	4
1612	57mm	16	6	5
1614	63mm	17	8	5



GUNWHALE EYE

Made from pressed 316 Stainless Steel
Use 5mm fixings eye diameter 13mm

Part No. 0179



RAIL CLIPS

Made from 316 Stainless Steel

Part No.	Tube Diameter mm	ins	Hole Size
1920	25.4	1	5mm or No.10
1921	Backing Plate		5mm or No.10
1922	32	1 1/4	5mm or No.10
1923	Backing Plate		5mm or No.10



DECK EYES

Made from 316 Stainless Steel with optional Nylon shoe 5mm fixing holes



Deck Eye Part No.	Plate Size mm	Plate Thkns mm	D mm	Bar Dia mm	Base Plate Part No.
1605	41 x 51	1.5	25	6	1605P
1584	64 x 73	2	25	8	1584P
1590	64 x 73	2	25	10	1590P
1591	76 x 70	3	38	13	1591P



DIAMOND DECK PLATES

In 316 stainless steel

Part No.	Length mm	Width mm	Fixing Holes	Type
1595	115	75	8	Deck Plate
1595P	115	75	8	Backing Plate



WICHARD FOLDING PAD EYES

Made from 316 Stainless Steel. Drop Forged for consistent Quality and Strength



Part No.	Bar Dia	I/D of Eye mm	Fixing Holes	Fixing Dia	Breaking Load Kg
W6584	6mm	14	2	6mm	1600
W6504	6mm	14	3	6mm	2700
W6505	8mm	17	3	8mm	4500
W6506	10mm	23	3	10mm	9000

FOLDING PAD EYES

Made from 304 Stainless Steel

Part No.	Bar Size mm
6560	6
6561	8



COCKPIT SAFETY EYE

This strong and lightweight safety eye is made from 316 Stainless Steel and is designed to prevent the safety hook being accidentally released. The rubber stopper keeps the eye firmly in place when not in use.

Part No. SS-08-00



EYE PLATES

Made from Stainless Steel

Part No.	D mm	Width mm	Length mm	Bar Dia mm	Screw Size
1545	16	30	35	5	M4
1546	20	35	40	6	M5
1548	23	40	50	8	M6



EYE PLATES WITH RING

Made from Stainless Steel

Part No.	D mm	ID mm	Width mm	Length mm	Bar Dia mm	Screw Size
1555	16	30	30	35	5	M4
1556	20	35	35	40	6	M5
1558	23	40	40	50	8	M6



SWIVEL EYE PLATES

Made from Stainless Steel

Part No.	D mm	Width mm	Length mm	Bar Dia mm
1620	15	30	35	5
1622	18	35	40	6
1624	19	40	50	8



2 HOLE EYE PLATES

Made from Stainless Steel

Part No.	Bar Dia mm	Length mm	Ctrs mm	H mm	Width mm	Plate Thkns	Hole Size mm
1565	5	45	35	13	13	2.5mm	4
1566	6	60	43	16	20	3mm	5
1568	8	80	60	22	25	3mm	5
1570	10	100	73	26	31	3.7mm	6



ROUND EYEPLATE WITH STUD

Made from Stainless Steel

Part No.	Bar Dia mm	Thread Dia	Thrd Length mm	Dia mm	Plate Thkns	H mm
1585	5	M6	20	33	2.4mm	12
1586	6	M8	23	40	3mm	17
1588	8	M10	25	50	3mm	20





ROUND EYEPLATE 2 HOLE

Made from Stainless Steel

Part No.	Bar Dia mm	Dia mm	Centres mm	Hole dia mm
1560	5	33	19.5	4
1561	6	40	23	4
1562	8	50	29.5	5



DIAMOND EYEPLATE

Made from Stainless Steel

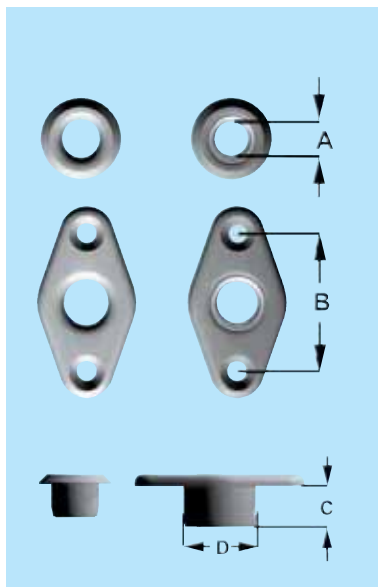
Part No.	Bar Dia mm	Width mm	Length mm	Hole mm
1592	5	36	60	4
1593	6	40	64	4
1594	8	50	80	5



MAST PLATES

Made from Stainless Steel

Part No.	Base H x W mm	Thkns mm	Hole mm	Type
SS-15-50	73X65	2.0	5.0	Curved Horizontal Eye
SS-15-51	70X76	3.0	6.8	Curved Horizontal Eye
SS-15-82	64x73	2.0	5.0	Curved Horizontal Eye
SS-16-01	44X51	1.5	6.3	Curved Horizontal Eye
SS-15-83	64X73	2.0	5.0	Curved Vertical Eye
SS-16-03	42X50	1.5	6.3	Curved Vertical Eye
SS-25-42	28X28	1.5	5.5	Flat Dinghy mast plate



DECK BUSHES

Made from Grey Nylon, available as just Nylon or with a 316 Stainless Steel liner to reduce friction and wear.

DRIVE FIT

Part No.	A mm	D mm	Style
0240	8	12	
0241	6	12	Lined
0248	10	18	
0249	8	18	Lined

SCREW DOWN

Part No.	A mm	B mm	C mm	D mm	Style
0242	10	30	18	10	
0243	8	30	10	18	Lined
0244	16	37	10	24	
0245	14	37	10	24	Lined
0246	25	45	10	32	
0247	22	45	10	32	Lined

BULLSEYE FAIRLEADS

Made from Grey Nylon, available as just Nylon or with a 316 Stainless Steel liner to reduce friction and wear.

JUST NYLON

Part No.	Opening mm	Fixing hole mm	Weight (g)
9101	7	3	3
9103	14	4	8
9105	16	5	28

STAINLESS LINED

Part No.	Opening mm	Fixing Hole mm	Weight (g)
9111	6	3	4
9113	13	4	12
9115	19	5	32

OPEN BASED FAIRLEADS

Made from Grey Nylon

Part No.	Opening mm	Fixing Hole mm	Weight (g)
9121	7	4	4
9123	8	4	6
9125	12	4	8

FENDER EYES

2 hole Aluminium fender eye (use M5 or No.10 csk screws)

Part No. 9155

4 hole Aluminium fender eye (use M5 or No.10 csk screws)

Part No. 9156

STAINLESS STEEL FENDER EYE

Stainless fender eye with 10mm eye. (use M4 or No.8 csk screws)

Part No. 9154

STAINLESS STEEL FENDER HOOK

Stainless fender hook (use M4 or No.8 csk screws)

Part No. 9153

SMALL STEMHEAD ROLLER (BOW ROLLER)

Small stemhead roller 6 1/2" (162mm) with 3 hole fixing (M5 or No.10). Made from Aluminium, (use 5960 Aluminium or 5926 Stainless Steel Drop Nose Pin see fastenings section)

Part No. 9160





LARGE STEMHEAD ROLLER (BOW ROLLER)

Large stemhead roller 10" (246mm) with 4 hole fixing (M6 or No.12). Made from Aluminium. Use 9163 Aluminium or 5930 Stainless Steel Drop Nose Pin (see fastenings section)

Part No. 9162



DROP NOSE PIN

Drop Nose pin for 9162. Made from Aluminium

Part No. 9163



STAINLESS STEEL BOW ROLLER

Stainless steel bow roller with 4 10mm fixing holes, this mirror finish 316 Stainless bow roller also has a cross drilled hole for a drop nose pin (see fastenings section for a suitable pin) and a plastic roller.

Part No. 9164



ALUMINIUM CHAIN PIPE

Suitable for up to 8mm chain with 3 M5 csk fixing holes. Made from Aluminium

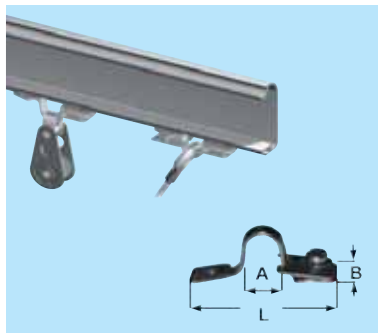
Part No. .9170



STAINLESS CHAIN PIPE

Suitable for up to 8mm chain with 3 M6 csk fixing holes. Made from highly polished Stainless Steel.

Part No. 8460



UNDER BOOM SLIDES

Single clamp boom anchor clamp action prevents damage to track caused by grub screw designs.

A = 15.5mm, B = 18mm, L = 63.8mm

Made from 2.5mm thick Stainless Steel

Part No. 0174

KICKER ANCHOR

Kicker anchor as above with double clamp for extra strength.

Part No. 0174A

STAINLESS STEEL BOARDING LADDERS

Made from 316 Stainless Steel, with oval Stainless Steel steps for comfort. Two fixing brackets each with two 6mm fixing holes, brackets can be removed from ladder for easy fitting. Extra brackets are available for fixing onto stand off to create a solid four point fixing.

Part No.	A mm	over all length mm	No of Steps
9510	235	600	3
9511	465	825	4
9512	465	1050	5
9513	690	1280	6

All ladders are 255mm wide with a stand off of 118mm
Extra brackets for 4 point fixing **Part No. 9519**



WOOD STEP BOARDING LADDERS

Made from 316 Stainless Steel, with Iroco ("African Teak") steps for comfort. Four fixing brackets each with two 6mm fixing holes, brackets can be removed from ladder for easy fitting.

Part No.	A mm	over all length mm	No of Steps
9515	235	600	3
9516	465	825	4
9517	465	1050	5
9518	690	1280	6

All ladders are the same dimensions as the Stainless Steel ladders. Four point fixing as standard



TELESCOPIC LADDER

This neat boarding ladder in 316 Stainless Steel easily extends to three or four steps and is ideal for small boats or for use on stern bathing platforms. It simply hinges up and folds flat when not in use.

The specially designed steps have an extremely good grip and are also very comfortable when boarding with bare feet.

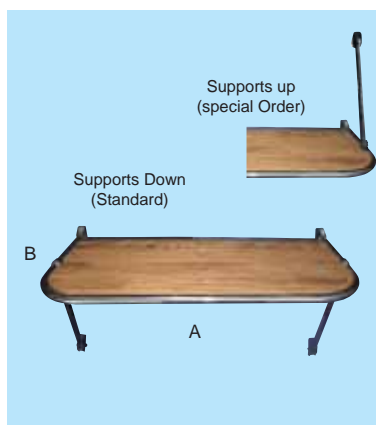
Part No. 8437 3 Step - 83cm
Part No. 8438 4 Step - 115cm

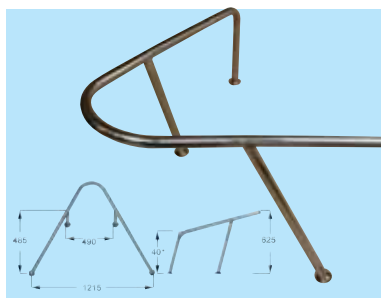


BATHING PLATFORMS

Wooden based bathing platforms with a stainless steel frame, they have four rotating brackets to accommodate any angle of transom. Each bracket has two fixing holes to ensure a stable and sturdy platform. Platforms are available with supports mounted up or down. Please specify when ordering.

Part No.	Length (A)		Depth (B)	
	ins	mm	ins	mm
9550	24	609	21.75	552
9551	31	787	21.75	552
9552	37	939	21.75	552
9553	48	1219	21.75	552
9554	59	1498	21.75	552

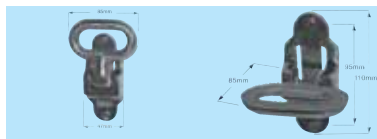




PULPIT

Standard design of pulpit made from 1" 316 Stainless Steel Tube with 4 fixing points

Part No. 9546



FOLDING STEP

Made from Stainless Steel, folds flush when not in use. 2 x M8 fixing holes.

Part No. 8435



FOLDING MAST STEPS

Made from Stainless Steel
4 x M6 fixing holes.

Part No. 8431

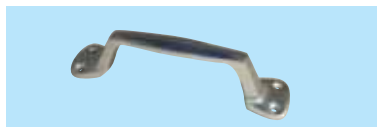


MASTWALKER FOLDING MAST STEP

Made from Aluminium
3 x M6 Csk fixing holes.
Has a Plastic anti rattle screw and curved base to fit better on your mast.

Please use the template to choose the correct mastwalker for your boat. Further templates can be downloaded from our website.

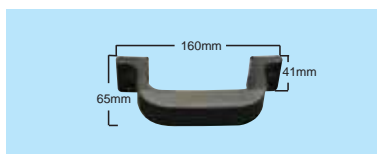
Part No.	Type	Description
MW-508-192	Type A	Flat Base
MW-508-183	Type B	Very Slightly Curved
MW-508-184	Type C	Slightly Curved
MW-508-185	Type D	Curved
MW-508-186	Type E	More Curved



GRAB HANDLE

7" (175mm) Grab handle. Made from Aluminium
Inside height 30mm

Part No. 9158



NYLON HANDLE / STEP

Made from Black Nylon.
4 x M6 fixing holes.

Part No. 9527

GRAB RAILS

Made from 316 Stainless Steel

STUD FIXING:

M8 Stud, nut and washer at each end.

Height 1.5" (38mm).

36" rails have 1 centre support.

48" rails have 2 centre supports.

DISC FIXING :

With 1.75" diameter discs with two fixing holes at each end.

Height 1 5/8" (42mm).

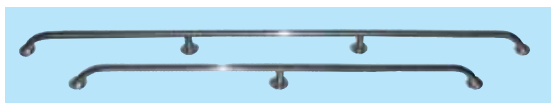
To suit 5mm bolts or No. 10 Self Tapping screws.

36" rails have 1 centre support.

48" rails have 2 centre supports.

Stud Fixing		
Part No.	Length mm	ins
9520	229	9
9521	305	12
9522	457	18
9523	610	24
9524	915	36
9525	1220	48

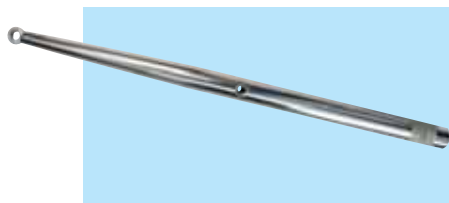
Disc Fixing		
Part No.	Length mm	ins
9530	229	9
9531	305	12
9532	457	18
9533	610	24
9534	915	36
9535	1220	48



STANCHIONS

316 Stainless steel tapered stanchions

Part No.	Dia. mm	mm	Height ins
9491	25	450	18
9492	25	610	24
9493	32	610	24



STANCHION BASES

Made from 316 Stainless steel. All Suitable for 1" (25.4mm) Stanchions

Part No.	Base mm	Description
9481	25 x 64	Standard
9482	60 x 80	Heavy Duty
8633	85 x 92 x 92	Triangle base Angled 5 Deg
9484	74 x 86 x 86	Triangle Base
9483		Toe Rail Mount 45mm Hole Ctrs



STANCHION MOUNTED BLOCKS

Suitable for 8-10mm rope. Fits 25mm Stanchions and rails, folds flat when not in use. Made from Stainless Steel with Nylon sheave.

Part No. 3950

Suitable for 8-10mm rope. Fits 25mm Stanchions and rails. Made from Nylon with Stainless Steel Fastenings

Part No. 3953





PULLEY BLOCKS

Block With Removable Pin

1" Stainless steel pulley block with removable pin suitable for up to 6mm rope

Part No. 3960

Block With Removable Shackle

1" Stainless steel pulley block with bracket suitable for up to 6mm rope

Part No. 3961

Lightweight block

Lightweight 1" Stainless steel pulley block suitable for up to 6mm rope

Part No. 3962



FLAG POLES

In 316 Stainless Steel

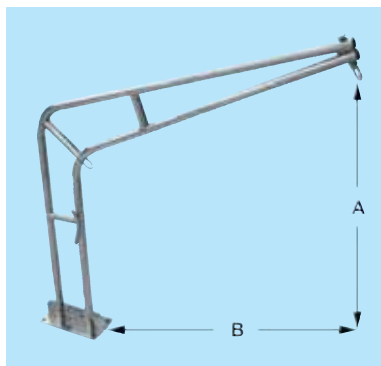
Part No.	Height ins	Dia ins
9469	15	3/4
9470	18	3/4
9473	18	7/8
9474	24	7/8



FLAG POLE SOCKETS

Part No. 9471 is made from chrome plated brass
all other sockets are 316 stainless steel.

Part No.	Description	Fixing
9471	3/4" straight socket	3/4 - 7/8" rail
9472	3/4" angled socket	2 hole
9477	3/4" straight socket	2 hole
9475	7/8" angled socket	2 hole
9475S	7/8" straight socket	2 hole
9476	1" angled socket	2 hole
9476S	1" straight socket	2 hole



DECK MOUNTING DAVITS

These attractive deck mounting davits are made from 7/8" 316 stainless steel tube with 5mm thick stainless steel base, each davit has 6 fixing holes.

Part No. 9545

Specifications	
Max load per davit (Kg)	55
Base dimensions (mm)	100 x 223
Height to the eye A (mm)	848
Arm length B (mm)	812
Fixing bolts	6 x 10mm

HASP AND STAPLE

Made from 316 Stainless Steel.

Part No.	Overall closed length mm	Width mm
2307	50	22
2308	78	35
2309	97	35
2310	Staple only for 2308, 2309	



ANTI - RATTLE HASP AND STAPLE

Made from 316 Stainless Steel. With twisting staple carbon and anti - rattle washer to enable you to have the hasp closed but still allowing you to open at will. hole for an 8mm thick padlock.

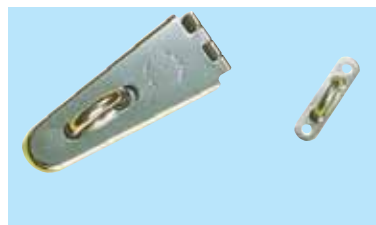
Part No.	Overall closed length mm	Width mm
2304	78	35
2305	97	35



ROUNDED HASP AND STAPLE

Made from 316 Stainless Steel.

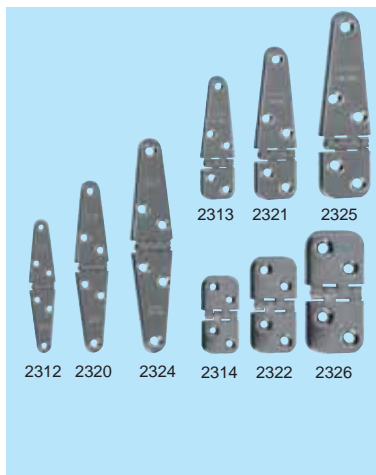
Part No.	Overall closed length mm	Width mm
SS-23-15	73	33
SS-23-17	Staple only for SS-23-17	

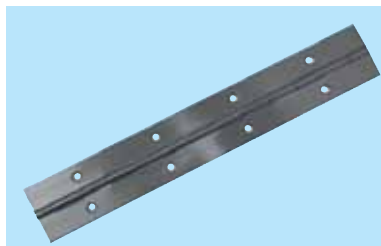
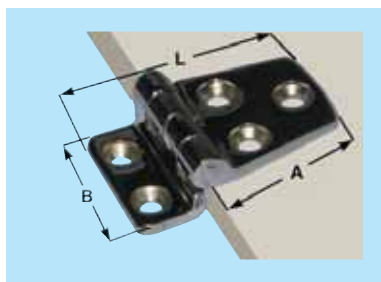
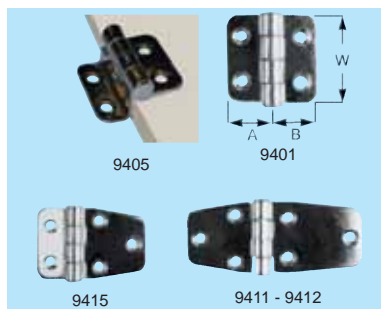


HINGES

Made from 316 Stainless Steel. use M5 or No.8 Csk Screws.

Part No.	Width mm	ins	Overall length mm	ins	No. Of Screws
2312	32	1 1/4	146	5 3/4	4
2313	32	1 1/4	105	4 1/8	4
2314	32	1 1/4	63	2 1/2	4
2320	38	1 1/2	183	7 1/4	6
2321	38	1 1/2	130	5 1/8	5
2322	38	1 1/2	79	3 1/8	4
2324	51	2	222	8 3/4	8
2325	51	2	165	4 1/8	7
2326	51	2	105	4 1/8	6





HINGES

Use No. 8 countersunk

Part No.	Material	Length A mm	Length B mm	Width W mm
9401	Stainless	20	20	40
9411	Stainless	35	35	40
9412	Stainless	35	50	40
9415	Stainless	20	35	40
9405	Stainless	23	19	37

SOLID HINGES

Made from 316 Stainless Steel

Part No.	L mm	A mm	B mm	Hole Size mm	No. Of Holes
9406	76	35	38	5.5	6
9407	105	52.5	38	5.5	6
9408	90	52	38	5.5	6
9409	57	38	38	5.5	5
9410	71	52	38	5.5	5
9417	38	18	38	5.5	4
9403	160	80	28	5.5	6
9404	105	52	28	5.5	4
9416	50	25	50	5.5	4
9432	90	45	35	5.5	4
9420	65	45	74	5	8

OFFSET SOLID HINGES

Made from 316 Stainless Steel

Part No.	L mm	A mm	B mm	Offset mm	Hole mm
9413	57	38	38	9.5	5.5
9414	71	52	38	9.5	5.5
9418	38	19	38	9.5	5.5
9419	38	19	38	19	5.5

PIANO HINGE

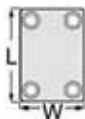
In 305 stainless steel

Part No.	Length mm	Hole Centres mm	Width mm
9440	240	43.5	30
9441	300	46.3	30
9442	360	47	30
9443	450	60	30
9444	600	63.3	30
9445	900	62.3	30

FLUSH PULL RING

Stainless steel sprung loaded pull ring.
Use No. 6 screws or M4 countersunk machine screws

Part No.	L mm	W mm
9457	44	38
9461	65	55



FLUSH LIFT UP HANDLE

Stainless steel sprung loaded pull ring.
Use No. 8 screws or M5 countersunk machine screws

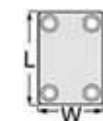
Part No.	L mm	W mm
9458	57	76



PULL RING

Chrome plated brass.

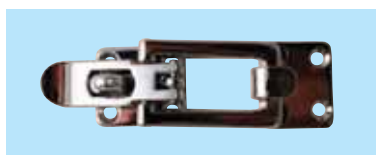
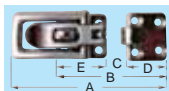
Part No.	L mm	W mm	Depth mm	Well Depth mm
9460	64	48	10	7



HATCH FASTENER

Chrome plated brass

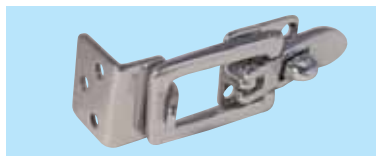
Part No.	A mm	B mm	C mm	D mm	E mm
9462	100	82	23	28	31



ANGLED HATCH FASTENER

Chrome plated brass

Part No.	A mm	B mm	C mm	E mm
9462A	72	65	23	31



CABIN HOOK

Made from 316 stainless steel
Length 100mm Hole Centres 24mm

Part No. 8384

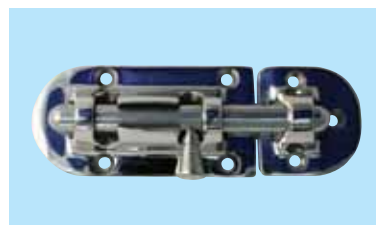
BARREL BOLTS

Made from 316 stainless steel
Length 64mm Hole Centres 21mm x 24mm

Part No. 8330

Made from 316 stainless steel
Length 113mm Hole Centres 30mm x 41mm

Part No. 8331



INGLEFIELD CLIPS

Brass inglefield clips, suitable for flags etc.

Part No.	Description
INGL	Light Duty
INGH	Heavy Duty





clips sold singly



clips sold singly



STAINLESS STEEL C-RING

Stainless Steel Inter linking C rings suitable for small flag halyards Etc.

Part No.	Size mm
SSCR05	5
SSCR06	6

SPINNAKER CLIPS

Inter linking spinnaker clips suitable for small spinnakers, flag halyards Etc.

Part No.	Description
HA74	Small Spinnaker Clip

TRANSOM FITTINGS

Made from heat treated corrosion resistant Aluminium alloy with black anodised finish.

Part No.	Description
SS-18-13	Transom Pintle 2-hole Mounting
SS-18-14	Transom Gudgeon 4-hole Mounting
SS-18-15	Bottom Transom Pintle

CONTROL LINE CLEATS

These small cleats are excellent for a wide range of control line applications, they are suitable for all lines up to 6mm. Made from Nylon with Aluminium spindle grip.

Part No.	Description
1910	Control line Cleat RH c/w Loop
1911	Control Line Cleat LH c/w Loop
1913	Control Line Cleat RH
1914	Control Line Cleat LH

RUDDER RETAINING CLIPS

Handy clips to stop the rudder coming off accidentally.

Part No.	Description
1819	Rudder Retaining Clip (Plastic)

SPRING CLIPS

Made from Grey Nylon.

Part No.	Tube Dia. ins	Tube Dia. mm
1304	3/4	19
1305	7/8	22
1306	1	25
1307	1 1/4	32
1308	1 1/2	38
1309	1 3/4	44

BOAT HOOK HOLDER

Made from 304 Stainless Steel

Part No.	Tube Dia. ins	Tube Dia. mm
6562	7/8"	20mm
6563	1 1/8"	28mm

HATCH COVERS

Plastic Hatch Covers Complete with 'O' ring Seal.

Part No.	Description
SS-18-70B	4" Black Cover with 'O' Ring
SS-18-70W	4" White Cover with 'O' Ring
SS-18-72B	5" Hatch Cover with 'O' Ring - BLACK
SS-18-72W	5" Hatch Cover with 'O' Ring - WHITE

CHROME PLATED HATCH LOCKS

Hatch Locks made from Chrome Plated Brass

Part No.	Description
TIM405900c	Hatch Securing Device
TIM1100c	Hatch Locking Device



ELBOW CATCH WITH TEAK RING

Brass Elbow Catch with teak finger ring

Elbow Catch	Part No. 9495
Teak Ring	Part No. 9496



FLUSH LATCH

Flush fitting latch for larger lockers or cupboard doors Etc.

Chrome Plated	Part No. 9422
Brass	Part No. 9422B



CUPBOARD LATCH

Flush fitting latch for lockers or cupboard doors Etc.

Chrome Plated	Part No. 9423
Brass	Part No. 9423B



ROTATING LATCHES

Flush fitting latch for larger lockers or cupboard doors Etc.

Chrome Plated Door Latch	Part No. 9424
Brass Door Latch	Part No. 9424B

Chrome Plated Draw Latch	Part No. 9425
Brass Draw Latch	Part No. 9425B



MINI PUSH BUTTON LATCHES

Mini Push Button Latch complete with Knob and ferrule for 16mm thick door panels

Part No.	Knob and Ferrule
9463	Chrome Plated Brass
9463B	Brass
9463S	Satin Chrome Plated
9463G	Gold Plated
9448	Chrome Plated Brass
9448B	Brass
9448S	Satin Chrome Plated
9448G	Gold Plated
9449	Chrome Plated Brass
9449B	Brass
9449S	Satin Chrome Plated
9449G	Gold Plated



Latch (comes with all Knobs)





LARGE PUSH BUTTON LATCHES

Latch and Buttons sold separately

Part No.	Description
9464	Nickel Plated Push Button Latch 78mm x 45mm
9468A	Striker Plate S/S
9468	Striker Plate Chrome
9456	White Plastic Push Button Latch 70mm x 45mm
9456B	Brown Plastic Push Button Latch 70mm x 45mm
9456C	Chrome Plastic Push Button Latch 70mm x 45mm

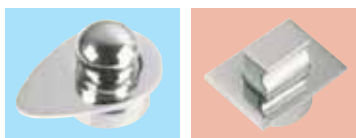
KNOBS FOR PUSH BUTTON LATCHES

Latch and Buttons sold separately



9465, 9466, 9467

9486, 9487, 9488



9489, 9490, 9452

9453, 9454, 9455

Door Thickness	Chrome Plated	Brass	Gold Plated	Satin Chrome
13mm	9465	9465B		
16mm	9466	9466B		
19mm	9467	9467B		
16mm	9486	9486B	9486G	9486S
19mm	9487	9487B	9487G	9487S
23mm	9488	9488B	9488G	9488S
16mm	9489		9489G	9489S
19mm	9490		9490G	9490S
23mm	9452		9452G	9452S
16mm	9453		9453G	9453S
19mm	9454		9454G	9454S
23mm	9455		9455G	9455S

DOOR HOLDERS

Sprung door holders

Part No.	Description	Size mm
8380B	Solid brass door holder	60 x 35
8380	Chrome plated door holder	60 x 35
8381	Stainless spring with Nylon keeper	25 x 32
8382B	Brass spring with Nylon Keeper	40 x 48
8382	Chrome plated spring with Nylon Keeper	40 x 48



MAGNETIC DOOR HOLDERS

Magnetic door holders

Part No.	Finish	Size mm
8383	Chrome Plated	39
8383B	Brass	39
8383G	Gold Plated	39
8383S	Satin Chrome Plated	39
8386	Chrome Plated	38 x 38
8386B	Brass	38 x 38
8386G	Gold Plated	38 x 38
8386S	Satin Chrome Plated	38 x 38



HATCH / CHART TABLE SPRING

Made from Stainless Steel, 222mm long with 2 x 5mm fixing holes at each end.

Part No. 9498



9464

STAINLESS STEEL VENTS

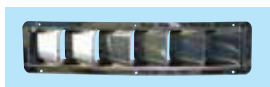
Part No.	Description	Outside Dimensions mm	Cut Required
8903	3 Louvre Vent	110 x 203	85 x 187
8905	5 Louvre Vent	110 x 320	85 x 305
8906	6 Louvre Vent	76 x 325	55 x 311
8908	8 Louvre Vent	76 x 425	55 x 412
8910	10 Louvre Vent	76 x 525	55 x 514
8920	Round Vent	100 Dia	
8921	Round Vent	127 Dia	
8922	Round Butterfly Vent	127 Dia	
8923	Round Butterfly Vent	100 Dia	
8927	Square Vent	127 x 114	
8929	Louvre Vent	228 x 127	
8931	Louvre Vent	230 x 115	
0230	Midget Shell Vent	45 x 40	
0231	Shell Vent	55 x 55	
0234	Large Shell Vent	150 x 120	



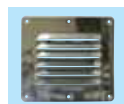
8903 - 8905



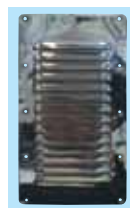
8905



8906-8910



8927



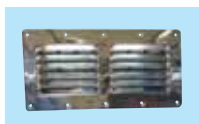
8929



8920, 8921



8922 / 8923



8931



0234



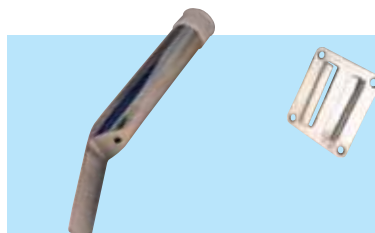
0230 - 0231

REMOVABLE ROD HOLDER

Made from highly polished 304 Stainless Steel. easily removable when not in use, the holder simply slots into the base plate.

Base Plate dimensions W=91mm, H=100mm, use 4 x M6 countersunk machine screws or No. 12 Self tapping screws

Part No. 6001



SURFACE MOUNT ROD HOLDER

Made from highly polished 304 Stainless Steel. This discreet rod holder comes with a rubber seal and a rubber cap to prevent water filling the holder. Use 3 x countersunk M6 machine screws or No.12 Self tapping screws.

Part No. 6002



RAIL MOUNT ROD HOLDER

Made from highly polished 316 Stainless Steel. Suitable for rails of 3/4" up to 1", simply clamps to the rail, the angle of the rod holder can be changed by rotating on the rail and the clamp can also be rotated to take up most angles for fitting to pushpit / pullpit legs.

Part No. 6003





Tapered pads aid optimum rope alignment, especially when a fairlead would not be appropriate

MINI CLEATS

Part No.	Description	Rope Size	Dims mm	Screw Size	Material
CL204	Mini	3-6	A=52, B=36, C=17	4mm	Nylon
CL204W	White Mini	3-6	A=52, B=36, C=17	4mm	Nylon
CL222	Racing Mini	3-6	A=48, B=36, C=15	4mm	Alu
CL222AN	Hard Anodised Racing Mini	3-6	A=48, B=36, C=15	4mm	Alu
CL802	Tapered Pad for CL204 & CL222		A=57, C=21	4mm	Polyprop

AUTO RELEASE CLEAT

The Auto-Release cleat provides the neatest and best solution to the problem of how to lock-down a rudder blade yet allow it to flip-up if it hits the bottom or a solid obstacle in the water. The cleat holds ropes securely yet will release them immediately when the cleat is overloaded. Once tripped, it can be easily reset in seconds by just pushing the cleat back down into its base.



The cleat flips up to release the rope when a set load is exceeded. the cleat is easily re-set or adjusted for different release loads even out of the water

Part No.	Description	Rope Size	Dims mm	Screw Size	Material
CL257	Auto-Release Racing Mini	4-6	A=68, B=36, C=24	4mm	Alu & Acetal
CL257AN	CL257 Hard Anodised	4-6	A=68, B=36, C=24	4mm	Alu & Acetal

MICRO CLEATS



Part No.	Description	Rope Size	Dims mm	Screw Size	Material
CL263	Black Micro Cleat	1-4	A=44, B=24, C=13	3mm	Nylon
CL263W	White Micro Cleat	1-4	A=44, B=24, C=13	3mm	Nylon
CL268	Racing Micro	1-4	A=44, B=24, C=13	3mm	Alu
CL268AN	Racing Micro Hard Anodised	1-4	A=44, B=24, C=13	3mm	Alu
CL270	Racing Micro With Becket	1-4	A=44, B=24, C=13	3mm	Alu
CL270AN	CL270 Hard Anodised	1-4	A=44, B=24, C=13	3mm	Alu
CL823	Tapered Pad		A=47, C=19	3mm	Polyprop

CUB CLEAT



Part No.	Description	Rope Size	Dims mm	Screw Size	Material
CL232	Cub Cleat	3-6	A=35, B=35, C=36	4mm	Nylon

SAIL CLEATS

Part No.	Description	Rope Size	Dims mm	Hole Size	Material
CL212	Leech Line / Fine Line White Starboard	2-5	A=70, B=49, C=21	4mm	Nylon
CL212A	Shield for CL212		A=71, B=49, C=29	4mm	Nylon
CL212BP	Backplate for CL212		A=70, B=49, C=21	4mm	Nylon
CL213	Leech Line / Fine Line Black Starboard	2-5	A=70, B=49, C=21	4mm	Nylon
CL214	Leech Line / Fine Line Black Port	2-5	A=70, B=49, C=21	4mm	Nylon
CL214W	Leech Line / Fine Line White Port	2-5	A=70, B=49, C=21	4mm	Nylon
CL221	Dinghy Leech Line	0-3	A=43, B=33, C=17	3mm	Nylon
CL233	Sail Line Cleat	2-6	A=57, C=34	4mm	Nylon
CL241	Racing Sail Line Cleat	3-6	A=70, B=49, C=21	5mm	Alu
CL241AN	Racing Sail Line Cleat Hard Anodised	3-6	A=70, B=49, C=21	5mm	Alu
CL258	Racing Fine Line Starboard	3-6	A=70, B=49, C=21	5mm	Alu
CL258AN	Racing Fine Line Starboard Hard Anodised	3-6	A=70, B=49, C=21	5mm	Alu
CL259	Racing Fine Line Port	3-6	A=70, B=49, C=21	5mm	Alu
CL259AN	Racing Fine Line Port Hard Anodised	3-6	A=70, B=49, C=21	5mm	Alu
CL267	Racing Sail Edge Cleat	1-4	A=50, B=30, C=37	4mm	Alu & Nylon
CL269	Sail Edge Cleat	1-4	A=50, B=30, C=37	4mm	Nylon



SIDE ENTRY CLEATS

The side entry fairlead allows ropes to be hooked in for cleating, yet easily removed. Available in silver or hard anodised finish.

Part No.	Description	Rope Size	Dims mm	Screw Size
CL217	Mk1 Starboard	3-6	A=82, B=66, C=18	4mm
CL217MK1AN	Mk1 Starboard Hard Anodised	3-6	A=82, B=66, C=18	4mm
CL217MK2	Mk2 Starboard	3-6	A=55, B=27, C=18	5mm
CL217MK2AN	Mk2 Starboard Hard Anodised	3-6	A=55, B=27, C=18	5mm
CL218	Mk1 Port	3-6	A=82, B=66, C=18	4mm
CL218MK1AN	Mk1 Port Hard Anodised	3-6	A=82, B=66, C=18	4mm
CL218MK2	Mk2 Port	3-6	A=55, B=27, C=18	5mm
CL218MK2AN	Mk2 Port Hard Anodised	3-6	A=55, B=27, C=18	5mm





BOOM CLEATS

Boom Cleats have a curved base for mounting to a curved boom or any round or curved surface.

Part No.	Description	Rope Size	Dims mm	Screw Size
CL702	Boom Cleat	3-6	A=82, B=66, C=18	5mm
CL702AN	Boom Cleat Hard Anodised	3-6	A=82, B=66, C=18	5mm
CL704	Curved base Racing unior with bucket	3-6	A=82, B=66, C=18	5mm
CL704AN	CL704 Hard Anodised	3-6	A=82, B=66, C=18	5mm

MK1 JUNIOR CLEATS

Part No.	Description	Rope Size	Dims mm	Screw Size	Material
CL203	unior	3-6	A=82, B=66, C=18	4mm	Nylon
CL203W	White unior	3-6	A=82, B=66, C=18	4mm	Nylon
CL211MK1	Racing unior	3-6	A=82, B=66, C=18	5mm	Alu
CL211MK1AN	Racing unior Hard Anodised	3-6	A=82, B=66, C=18	5mm	Alu
CL236	Roller Racing unior	3-6	A=82, B=66, C=18	5mm	Alu
CL236AN	CL236 Hard Anodised	3-6	A=82, B=66, C=18	5mm	Alu

MK1 JUNIOR ACCESSORIES

The Award Winning Keeper has been designed to overcome the problem of lines being cleated accidentally as well as improving performance by holding lightly-loaded lines in the jaws of a cleat when mounted upside down. The Cage is an accessory that allows ropes to be cleated and uncleated at an angle of up to 70 degrees, rather than only in line with the cleat.

Part No.	Description
CL814	Keeper for CL203, CL211Mk1, CL211MK1AN, CL217Mk1, CL218MK1, CL236, CL236AN
CL816	Cage for CL203, CL211Mk1, CL211MK1AN, CL217Mk1, CL218MK1
CL818	Tapered Pad for CL203, CL211Mk1, CL211MK1AN, CL217Mk1, CL218MK1, CL236, CL236AN, CL704

MK2 JUNIOR CLEATS KEEPERS

Part No.	Description	Rope Size	Dims mm	Screw Size	Material
CL211MK2	Racing unior Mk2	3-6 mm	A=55, B=27, C=17	4mm	Alu
CL211MK2AN	CL211MK2 Hard Anodised	3-6 mm	A=55, B=27, C=17	4mm	Alu
CL815	Keeper for Mk2 unior Cleats				
CL817	Cage for Mk2 unior Cleats (Must be used with CL815)				
CL819	Tapered Pad for CL211 Mk2 CL217 Mk2				

OMEGA CLEAT

Part No.	Description	Rope Size	Dims mm	Screw Size	Material
CL255	Omega	3-6	A=46, B=27, C=43	4mm	Alu
CL255AN	Omega Hard Anodised	3-6	A=46, B=27, C=43	4mm	Alu



CLEATS FOR UP TO 8MM ROPE

Part No.	Description	Rope Size	Dims mm	Screw Size	Material
CL209	Midi	4-8	A=73, B=55, C=19	5mm	Nylon
CL215	Side Fixing Midi	4-8	A=38, B=27, C=43	5mm	Nylon
CL231	Midi With Fairlead	4-8	A=88, B=55, C=22	5mm	Nylon
CL254	Racing Midi	4-8	A=70, B=55, C=19	5mm	Alu
CL254AN	Racing Midi Hard Anodised	4-8	A=70, B=55, C=19	5mm	Alu
CL803	Tapered Pad for CL209 & CL254		A=79, C=24	5mm	Polyprop



CLEATS FOR UP TO 10MM ROPE

Part No.	Description	Rope Size	Dims mm	Screw Size	Material
CL202	Horizontal	6-10	A=74, B=51, C=79	6mm	Nylon
CL206	Lateral (Starboard)	6-10	A=75, B=51, C=49	6mm	Nylon
CL207	Lateral (Port)	6-10	A=75, B=51, C=49	6mm	Nylon



CLEATS FOR UP TO 12MM ROPE

Part No.	Description	Rope Size	Dims mm	Screw Size	Material
CL201	Vertical	6-12	A=95, B=72, C=28	6mm	Nylon
CL219	Racing Vertical	6-12	A=90, B=72, C=27	6mm	Alu
CL219AN	Racing Vertical Hard Anodised	6-12	A=90, B=72, C=27	6mm	Alu
CL228	Vertical with fairlead	6-12	A=114, B=72, C=30	6mm	Nylon
CL804	Tapered pad for CL201, 219, 237 & 238		A=103, C=34	6mm	Polyprop



CLEATS FOR UP TO 16MM ROPE

Part No.	Description	Rope Size	Dims mm	Screw Size	Material
CL205	Major	10-16	A=122, B=95, C=36	8mm	Nylon
CL220	Racing Major	12-16	A=118, B=95, C=37	8mm	Alu
CL2245	Fairlead for Majors		A=50, C=41	8mm	Stainless
CL805	Tapered pad for Majors		A=131, C=45	8mm	Polyprop





When flipped up the red gate stops the rope being cleated accidentally, when the gate is down the cleat operates as a normal cleat.

SPRING GATE CLEATS

The red gate is flipped up by hand to keep the rope out of the cleat and prevent unintentional entry of the rope into the cleat, the rope should not be placed under the gate

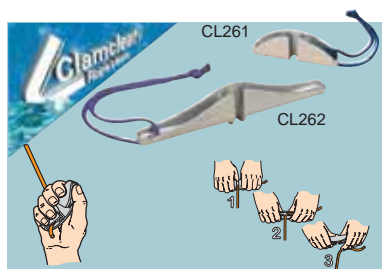
Part No.	Description	Rope Size	Dims mm	Screw Size	Material
CL237	Vertical with Gate	6-12	A=95, B=72, C=40	6mm	Nylon
CL238	Racing Vertical with Gate	6-12	A=95, B=72, C=40	6mm	Alu
CL240	Racing Major with Gate	10-16	A=122, B=95, C=36	8mm	Alu



BOLLARDS FOR UP TO 16MM ROPE

For extra security bollards allow the rope to be wrapped around as well as using the cleat.

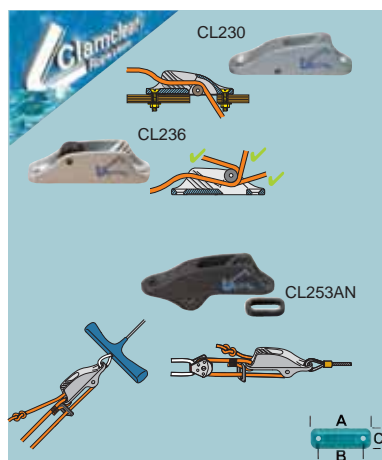
Part No.	Description	Rope Size	Dims mm	Screw Size	Material
CL208	Clam Bollard	6-10	A=85, B=64	6mm	Nylon
CL210	Clam Bollard Major	10-16	A=99, B=76	8mm	Nylon



POWER GRIP CLEATS

Use the power grip cleats to tension ropes on wind surfers, catamarans, dinghies, window blinds, drums and many more applications.

Part No.	Description	Rope Size	Dims mm	Material
CL261	Power Grip1	3-6	A=95, C=17	Alu
CL262	Power Grip 2	3-6	A=189, C=17	Alu



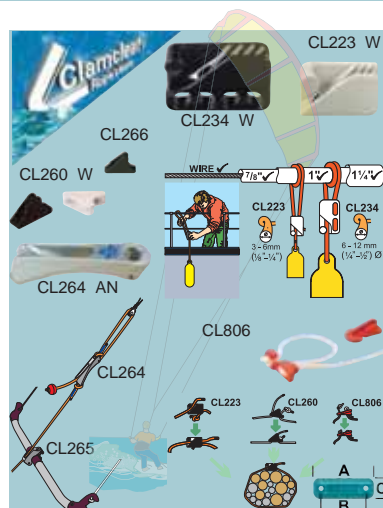
ROLLER CLEATS

Roller cleats have a low friction Nylon rollers to guide your ropes efficiently into the cleat from extreme angles. The trapeze and vang cleat can also be rigged to provide either 1:1 or 2:1 purchase for tough applications

Part No.	Description	Rope Size	Dims mm	Screw Size	Material
CL230	Racing unior MK1 with Roller	3-6	A=82, B=66, C=18	4mm	Alu
CL230AN	CL230 Hard Anodised	3-6	A=82, B=66, C=18	4mm	Alu
CL236	Roller Racing unior	3-6	A=82, B=66, C=18	5mm	Alu
CL236AN	CL236 Hard Anodised	3-6	A=82, B=66, C=18	5mm	Alu
CL253	Trapeze and Vang Cleat	4-8	A=89, B=70, C=18	5mm	Alu
CL253AN	CL253 Hard Anodised	4-8	A=89, B=70, C=18	5mm	Alu

CLEATS FOR RIGGING ON A ROPE

Part No.	Description	Rope Size	Dims mm	Material
CL223	Loop Cleat	3-6	A=52, C=18	Nylon
CL223W	White loop Cleat	3-6	A=52, C=18	Nylon
CL234	Fender Cleat	6-12	A=78, C=24	Nylon
CL234W	White Fender Cleat	6-12	A=78, C=24	Nylon
CL260	Line-Lok	2-5	A=31, C=10	Nylon
CL260W	White Line-Lok	2-5	A=31, C=10	Nylon
CL266	Mini Line-Lok	0-3	A=22, C=7	Nylon
CL806	iffy Tie	5	A=42, C=22	Nylon
CL264	Cobra Cleat	4-6	A=118, C=22	Alu
CL264AN	Cobra Cleat Hard Anodised	4-6	A=118, C=22	Alu



CLEATS FOR TUBES 30 TO 37MM

Packing pieces are supplied for the smaller size of tube.

Part No.	Description	Rope Size	Dims mm	Material
CL235	1 Piece Boom Cleat and clamp	3-6	A=67, B=36	Nylon
CL243	Boom cleat and clamp	3-6	A=58	Nylon
CL244	Boom cleat and clamp	3-6	A=58	Alu & Nylon
CL265	Boom and tube Cleat	4-8	A=82, B=66, C=18	Alu
CL265AN	Boom and tube Cleat Hard Anodised	4-8	A=82, B=66, C=18	Alu



WINDSURF CLEATS - OUTHAUL

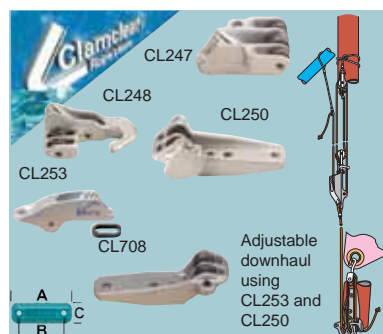
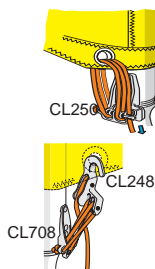
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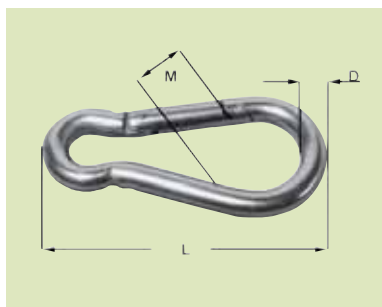
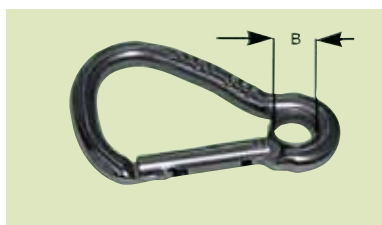
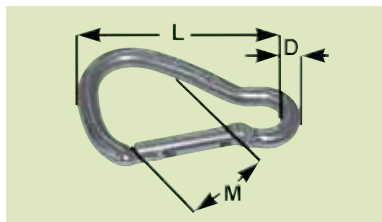
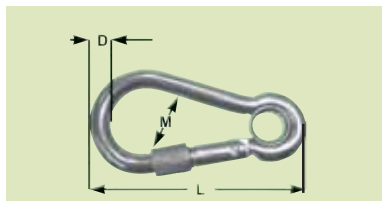
Part No.	Description	Rope Size	Dims mm	Material
CL244	Aluminium Boom Cleat and clamp	3-6	A=58	Alu & Nylon
CL252	Racing Outhaul with fairlead	3-6	A=58, C=46	Alu



WINDSURF CLEATS - DOWNHAUL

Part No.	Description	Rope Size	Dims mm	Material
CL247	Compact Twin Sheave Cleat	3-6	A=53, B=31, C=40	Alu
CL248	Cleat with Hook and 3 Sheaves	3-5	A=69, C=40	Alu
CL250	The Gap Closer	3-5	A=84, B=111, C=29	Alu
CL253	Trapeze and Vang Cleat	4-8	A=89, B=70, C=18	Alu
CL708	Rivet on Fitting for 6:1 Ratio	3-5	A=84, B=111, C=36	Alu





DOUBLE ACTION SAFETY HOOK

Made in 316 Stainless steel and Nylon 6, will fix over 20mm tube. Unique double action safety locking system. Hook can be operated with one hand, both grips need to be pressed down to open the hook. Breaking load 2000Kg

Part No. 0200 Black
Part No. 0200B Blue
Part No. 0200R Red

WATER SKI SAFETY HOOK

Stainless Steel Water ski safty hook with quick release.

Part No. 9040

MOORING HOOK

Mooring Hook made from 316 Stainless Steel. Bracket screws on to a pole or Boat Hook.

Part No.	Length mm	Opening mm	Breaking Load Kg
0865	160	22	2200

SCREW GATE CARBINE HOOK

Made in 316 Stainless Steel, with eye

Part No.	D mm	L mm	M mm	Breaking Load Kg
0796	6	60	8	
0788	8	80	10	850
0790	10	100	12	1200
0791	11	120	16	1600

ASYMMETRIC KEY LOCK CARBINE HOOK

Made from 316 Stainless Steel

Part No.	D mm	L mm	M mm	Breaking load Kg
0745AK	5	50	9	
0746AK	6	60	12	
0748AK	8	80	18	1500
0750AK	10	100	19	2200
0751AK	11	120	26	2800

ASYMMETRIC KEY LOCK CARBINE HOOK

With Eye Made from 316 Stainless Steel

Part No.	D mm	L mm	M mm	B mm	Breaking load Kg
0755AK	5	50	9	6	
0756AK	6	60	12	6	
0758AK	8	80	18	10	1500
0760AK	10	100	19	11	2200
0761AK	11	120	26	14	2800

CARBINE HOOKS

Made from 316 Stainless Steel

Part No.	D mm	L mm	M mm	Breaking Load kg
0743	3	30	5	
0744	4	40	7	450
0745	5	50	8	570
0746	6	60	9	670
0747	7	70	9	750
0748	8	80	9	870
0750	10	100	12	1150
0751	11	120	17	1250
0752	12	140	20	1650

INC PLATED CARBINE HOOKS

Made from Zinc Plated Mild Steel, Available with or without Eye

Part No. No Eye	Part No. With Eye	D mm	L mm	M mm	Breaking Load kg
0744G		4	40	8	N/A
0745G		5	50	8	N/A
0746G	0756G	6	60	9	N/A
0748G	0758G	8	80	9	N/A
0750G	0760G	10	100	12	N/A
0751G		11	120	17	N/A

CARBINE HOOKS WITH EYE

Made from 316 Stainless Steel

Part No.	D mm	L mm	M mm	B mm	Breaking Load kg
0754CH	4	40	7	5	200
0755	5	50	8	6	570
0756	6	60	9	6	670
0757	7	70	9	8	750
0758	8	80	9	8	870
0760	10	100	12	10	1150
0761	11	120	17	11	1250
0762	12	140	20	13	1650

ASYMMETRIC CARBINE HOOK

Made in 316 Stainless Steel

Part No.	D mm	L mm	M mm
0850	10	100	22

KEY LOCK CARBINE HOOKS

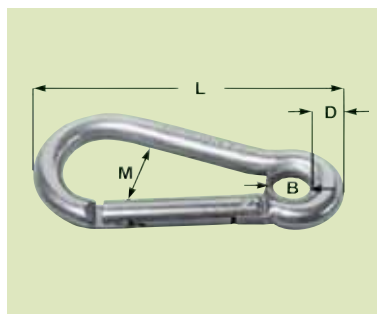
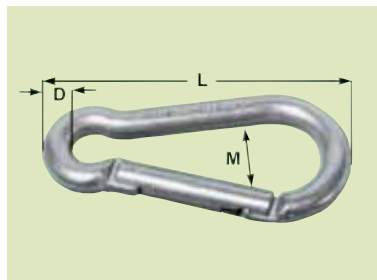
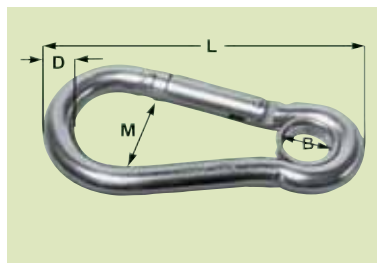
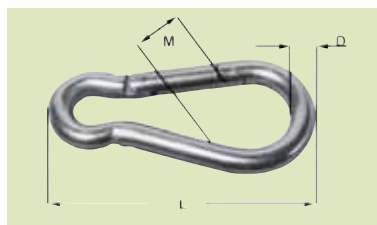
High Quality Kong carbine hooks. Made from 316 Stainless Steel stamped with safe working load.

Part No.	D mm	L mm	M mm	SWL Kg	Breaking Load Kg
0745K	5	50	7.5	120	
0746K	6	60	9	120	
0747K	7	70	9	180	
0748K	8	80	11	230	800
0750K	10	100	15	350	1200
0751K	11	120	17	450	2000
0753K	13	160	30		2400

KEY LOCK CARBINE HOOKS WITH EYE

High Quality Kong carbine hooks. Made from 316 Stainless Steel stamped with safe working load.

Part No.	D mm	L mm	M mm	B mm	SWL Kg	Breaking Load Kg
0755K	5	50	7.5	6	120	
0756K	6	60	9	6	120	
0757K	7	70	9	9	180	
0758K	8	80	11	10	230	800
0760K	10	100	15	11	350	1200
0761K	11	120	17	15	450	2000
0763K	13	160	30			2400





WICHARD CARBINE HOOKS

Made from 305Cu Stainless Steel, with eye

Part No.	Dia mm	Length mm	Opening mm	Eye mm	SWL Kg	Breaking Load Kg
W2313	6	60	10	7	450	600
W2315	8	80	13	11	1100	1600
W2316	10	100	15	13	1500	2500
W2317	12	120	21	16	1700	3800

WICHARD ASYMMETRIC CARBINE HOOKS

Made from 305Cu Stainless Steel, with eye



Part No.	Dia mm	Length mm	Opening mm	Eye mm	SWL Kg	Breaking Load Kg
W2323	6	60	11	7	500	800
W2325	8	80	15	11	1200	1700
W2326	10	100	18	13	1650	2600
W2327	12	120	24	16	1800	4500
W2328	12	170	30	20	1800	4500

ASYMMETRIC CARBINE HOOK

Made from 316 Stainless Steel, with eye

Part No.	D mm	L mm	M mm
0866	6	60	
0868	8	80	13
0870	10	100	17
0871	11	120	23

SPRING SNAP CIRCULAR HOOK

Circular Hook with open end, manufactured in type 316 Stainless Steel. Electro Polished

Part No.	D mm	Length mm	SWL Kg	Breaking Load Kg
1626	6	60	208	830
1628	8	80	400	1600
1630	10	100	625	2500
1632	12	120	825	3300

ASYMMETRIC HOOK WITH ANGLED GATE

Asymmetric Hook with eye and angled gate, manufactured in type 316 Stainless Steel. Electro Polished

Part No.	D mm	L mm	SWL Kg	Breaking Load Kg
1636	6	61	187	750
1638	8	81	437	1750
1640	10	102	562	2250
1642	12	122	912	3650
1643	16	160		

SPRING SNAP CIRCULAR HOOK WITH EYE

Circular Hook with eye, manufactured in type 316 Stainless Steel. Electro Polished

Part No.	D mm	L mm	SWL Kg	Breaking Load Kg
1646	6	60	208	830
1648	8	80	400	1600
1650	10	100	625	2500
1652	12	120	825	3300

ASYMMETRIC SNAP HOOK

Asymmetric hook with wire gate, manufactured in type 316 Stainless Steel. Electro Polished

Part No.	D mm	L mm	SWL Kg	Breaking Load Kg
1656	6	60	200	800
1658	8	80	362	1450
1660	10	100	712	2850
1662	12	120	900	3600

ASYMMETRIC SNAP HOOK WITH EYE

Asymmetric Hook with eye, manufactured in type 316 Stainless Steel. Electro Polished

Part No.	D mm	L mm	SWL Kg	Breaking Load Kg
1666	6	60	187	750
1668	8	80	437	1750
1670	10	100	562	2250
1672	12	120	912	3650

WICHARD TACK HOOKS

High Quality Wichard Tack Hooks
Made from 305Cu Stainless Steel

Part No.	Holes	Length ins	mm	Stainless Grade
3081	1	2	51	305Cu
3082	1	3	74	305Cu
3083	1	4	101	305Cu
9084	2	3	74	630
9085	2	4	100	630

TACK HOOKS

Made in 316 Stainless Steel

Part No.	ins	Length mm
9081	2	50
9082	3	70
9083	4	100

INC PLATED WINCH HOOK

inc plated hook designed for use with trailer winch straps or cables.

Part No. 3903

FIXED EYE BOAT SNAPS

Nickel plated Brass

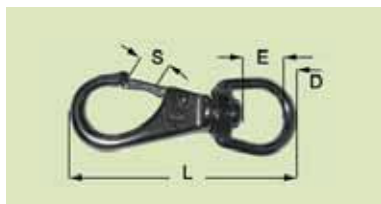
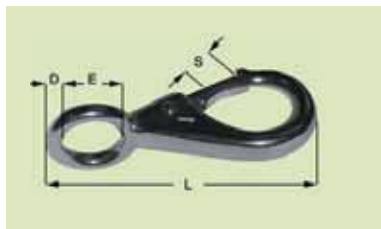
Part No.	E mm	L mm	B mm	S mm	D mm
0900	9	54	24	7	4.5
0901	13	72	30	9	5
0902	18	81	35	13	6
0903	21	98	45	15	7

SWIVEL EYE BOAT SNAPS

Nickel plated Brass

Part No.	E mm	L mm	B mm	S mm	D mm
0911	16	83	30	10	5
0912	19	94	38	12	6
0913	22	113	44	15	7





FIXED EYE BOAT SNAPS

Made from 316 Stainless Steel

Part No.	E mm	L mm	S mm	D mm
0915	10	53	6	4
0916	16	73	11	5
0917	19	81	12	6
0918	19	98	17	7

SWIVEL EYE BOAT SNAPS

Made from 316 Stainless Steel

Part No.	E mm	L mm	S mm	D mm
0920	13	68	7	4
0921	18	85	10	5
0922	19	98	12	6
0923	19	117	13	7

NAVAL BRONZE BOAT SNAPS

Made from Zinc plated Naval Bronze

Part No.	Size	L mm	Eye I/D mm	Eye Type
SS-10-50	0	55	11	Fixed
SS-10-51	1	73	16	Fixed
SS-10-52	2	82	18	Fixed
SS-10-53	3	99	19	Fixed
SS-10-56	0	52	8	Swivel
SS-10-57	1	83	16	Swivel
SS-10-58	2	95	19	Swivel
SS-10-59	3	111	18	Swivel

WEBBING HOOK

Made from 316 Stainless Steel with 25mm Webbing slot.

Part No. M0230

LACING HOOK

Made from 316 Stainless Steel with 5mm fixing holes to suit No.8 screws or M5 Machine screws. Hole centres 18mm.

Part No. 0177 Hook
Part No. 0177P Backing plate

NYLON LACING HOOKS

Made from Nylon with 5mm fixing holes to suit No.6 screws, available in black or white. Hole centres 18mm. For use with up to 8mm cord

Part No. 0172 Black
Part No. 0172W White

REEFING HOOKS

Made from 316 Stainless Steel with 5mm fixing holes. Hole centres 18mm.

Part No. 0178 Small

Part No. 0175 Large

SEW ON HOOKS AND EYES

Plastic sew on hooks are U.V. Stabilized and can be sewn on to fabric.

HOOK Part No.	EYE Part No.	Type
0171FR	0170FR	Flame retardant to UL-V2
0171W	0170W	Natural

SWIVEL BOLT SNAPS

Made from 316 Stainless steel

Part No.	Length mm
0961	62
0962	75
0963	87
0964	90
0965	115

SWIVEL TRIGGER SNAP

Made from 316 Stainless steel

Part No.	Length mm	Eye Size mm
0905	65	13 x 16
0906	65	16 x 19

NYLON SNAP HOOKS

Made from black Nylon, designed to fit standard webbing.

Part No.	Webbing mm	length mm
0674	20	58
0675	25	58
0676	30	58
0677	38	58
0678	50	60

STAINLESS SNAP HOOK

Made from Stainless Steel, Suitable for 25mm webbing.

Part No. T6705

S HOOKS

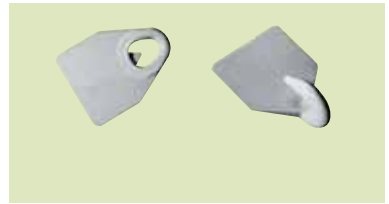
Made in 316 Stainless Steel. Part No. 2527B is made from un-polished Stainless Steel for industrial applications.

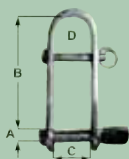
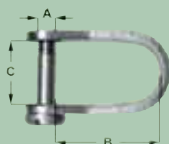
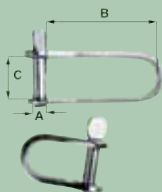
Part No.	Overall length mm	A mm	Bar dia mm
2527	70	17	6.4
2527B	70	17	6.4
2528	70	10	8

S HOOKS

Made from Stainless Steel.

Part No.	Overall length mm	A mm	Bar dia mm
8375	52	9	5
8376	64	10	6
8378	75	17	8
8394	36	12	4
8395	43	12	5
8396	50	15	6
8398	67	20	8





MULTI PURPOSE SHACKLE KEY

32mm wide 100mm long Shackle key includes bottle opener and three spanners and one shackle key

Part No. 8075

TWISTED SHACKLE

Made in 316 Stainless Steel

Part No.	Pin mm	Length mm	width mm
0190	5	24	12

STRIP SHACKLES

Made in 316 Stainless Steel

Part No.	A mm	B mm	C mm
0181	4	15	10
0182	5	18	12
0183	5	24	15
0184	6	25	15
0185	5	34	15
0186	6	48	16

CLEVIS PIN SHACKLES

Made in 316 Stainless Steel

Part No.	Pin mm	Length mm	Width mm
0428	5	16	8
SS-05-30	5	15	10.5
SS-25-21	5	17	10
SS-05-35	6.5	26	15

SAIL SHACKLES

Made in 316 Stainless Steel

Part No.	A mm	B mm	C mm
0449	4	15	10
0451	5	18	12
0452	5	24	15
0453	5	34	15

HALYARD SHACKLES

Made in 316 Stainless Steel with a captive pin

Part No.	A mm	B mm	C mm	D mm
0187	5	25	12	8
0188	6	48	16	15

LYRE SHACKLE

Made in 316 Stainless Steel

Part No.	A mm	B mm	C mm
0189	6	24	16

CAPTIVE PIN SHACKLES

Made in 316 Stainless Steel

Part No.	A mm	B mm	C mm
0197	5	26	13
0198	5	36	15
0199	6	41	15

WICHARD KEY PIN SHACKLES

Made from 305Cu Stainless Steel

Part No.	L mm	W mm	P mm
1432	36	12	5
1433	44	14	6
1434	59	20	8

KEY PIN SHACKLES

Made from 316 Stainless Steel

Part No.	L mm	W mm	P mm
1435	38	12	5
1436	43	15	6
1438	60	20	8

KEY PIN SHACKLES

Made from 316 Stainless Steel

Part No.	L mm	W mm	P mm	E mm
1445	38	12	5	12
1446	43	15	6	14
1448	60	20	8	21

FORGED D SHACKLES

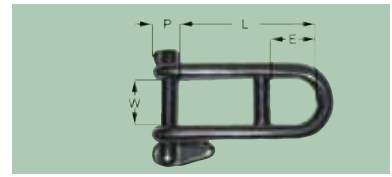
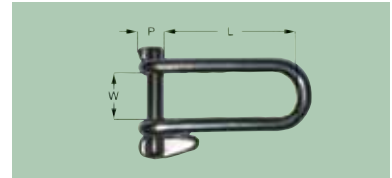
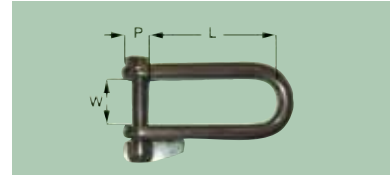
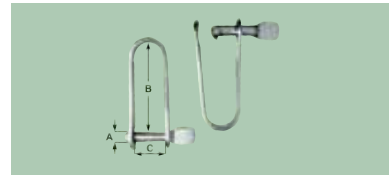
Made in 316 Stainless Steel

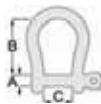
Part No.	A mm	B mm	C mm	Breaking Load Kg
0339	4	16	8	800
0340	5	20	10	1500
0341	6	25	13	1950
0342	8	32	16	3000
0343	10	38	19	4800
0344	11	44	22	6000
0345	12	52	26	7500
0346	16	58	29	10000
0346A	19	64	32	14000

FORGED HEX KEY D SHACKLES

Made in 316 Stainless Steel with Hex Key pins.

Part No.	A mm	B mm	C mm	Breaking Load Kg
0340KS	5	20	10	1500
0341KS	6	25	13	1950
0342KS	8	32	16	3000
0343KS	10	38	19	4800
0344KS	11	44	22	6000
0345KS	12	52	26	7500
0346KS	16	58	29	10000
0346AKS	19	64	32	14000





FORGED BOW SHACKLES

Made in 316 Stainless Steel

Part No.	A mm	B mm	C mm	Breaking Load Kg
0353	4	21	8	600
0354	5	22	10	1200
0355	6	28	13	1600
0356	8	35	16	2400
0357	10	38	19	3800
0358	11	46	22	4800
0359	12	52	25	6000
0426	16	60	29	8000
0429	19	68	32	11000



FORGED WIDE D SHACKLES

Made in 316 Stainless Steel

Part No.	A mm	B mm	C mm	Breaking Load Kg
0340W	5	30	20	1200
0341W	6	42	25	1560
0342W	8	45	32	2400
0343W	10	60	40	3840



FORGED HEX KEY BOW SHACKLES

Made in 316 Stainless Steel with Hex Key pins.

Part No.	A mm	B mm	C mm	Breaking Load Kg
0354KS	5	22	10	1200
0355KS	6	28	13	1600
0356KS	8	35	16	2400
0357KS	10	38	19	3800
0358KS	11	46	22	4800
0359KS	12	52	25	6000
0426KS	16	60	29	8000
0429KS	19	68	32	11000



FORGED TWISTED SHACKLES

Made in 316 Stainless Steel

Part No.	A mm	B mm	C mm	Breaking Load Kg
0360	4	13	8	600
0361	5	16	10	1200
0362	6	20	13	1600
0363	8	26	16	2400
0364	10	31	19	3800
0365	11	35	22	4800
0366	12	41	26	6000
0367	16	45	29	8000
0368	19	51	32	11000



FORGED HEX KEY TWISTED BOW SHACKLES

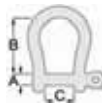
Made in 316 Stainless Steel with Hex Key pins.

Part No.	A mm	B mm	C mm	Breaking Load Kg
0361KS	5	16	10	1200
0362KS	6	20	13	1600
0363KS	8	26	16	2400
0364KS	10	31	19	3800
0365KS	11	35	22	4800
0366KS	12	41	26	6000
0367KS	16	45	29	8000
0368KS	19	51	32	11000

FORGED LONG D SHACKLES

Made in 316 Stainless Steel

Part No.	A mm	B mm	C mm	Breaking Load Kg
0347A	4	24	8	600
0347	5	29	10	1200
0348	6	43	13	1600
0349	8	49	16	2400
0350	9.5	55	19	3800



FORGED HEX KEY LONG D SHACKLES

Made in 316 Stainless Steel with Hex Key pins.

Part No.	A mm	B mm	C mm	Breaking Load Kg
0347KS	5	29	10	1200
0348KS	6	43	13	1600
0349KS	8	49	16	2400
0350KS	9.5	55	19	3800



SHAKE PROOF D SHACKLES

Made from 316 Stainless Steel, with a special locking ring that stops the pin vibrating loose. These shackles are also retained pin, to remove the pin completely simply un-screw from both threaded heads.

Part No.	A mm	B mm	C mm	Breaking Load Kg
0340SP	5	20	10	1500
0341SP	6	25	13	1950
0342SP	8	32	16	3000
0343SP	10	38	19	4800
0344SP	11	44	22	6000
0345SP	12	52	26	7500
0346SP	16	58	29	10000



SHAKE PROOF BOW SHACKLES

Made from 316 Stainless Steel, with a special locking ring that stops the pin vibrating loose. These shackles are also retained pin, to remove the pin completely simply un-screw from both threaded heads.

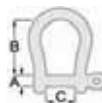
Part No.	A mm	B mm	C mm	Breaking Load Kg
0354SP	5	22	10	1200
0355SP	6	28	13	1600
0356SP	8	35	16	2400
0357SP	10	38	19	3800
0358SP	11	46	22	4800
0359SP	12	52	25	6000
0426SP	16	60	29	8000

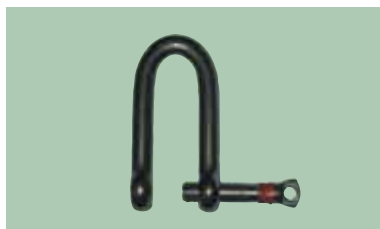


SHAKE PROOF TWISTED SHACKLES

Made from 316 Stainless Steel, with a special locking ring that stops the pin vibrating loose. These shackles are also retained pin, to remove the pin completely simply un-screw from both threaded heads.

Part No.	A mm	B mm	C mm	Breaking Load Kg
0361SP	5	16	10	1200
0362SP	6	20	13	1600
0363SP	8	26	16	2400
0364SP	10	31	19	3800
0365SP	11	35	22	4800
0366SP	12	41	26	6000
0367SP	16	45	29	8000





SHAKE PROOF LONG D SHACKLES

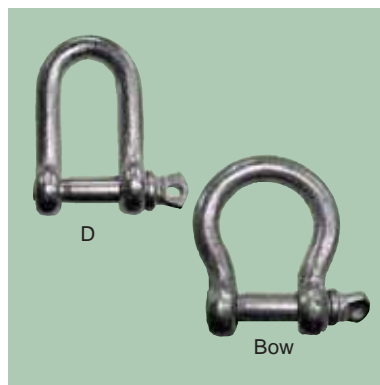
Made from 316 Stainless Steel.

Part No.	A mm	B mm	C mm	Breaking Load Kg
0347SP	5	10	29	1200
0348SP	6	13	43	1600
0349SP	8	16	49	2400
0350SP	10	19	55	3800

GALVANISED SHACKLES

Commercial shackles made from Galvanised Steel.

Pin Dia mm	D Shackle Part No.	Bow Shackle Part No.
5	9340	9354
6	9341	9355
8	9342	9356
10	9343	9357
11	9344	9358
13	9345	9359
16	9346	9360
19	9347	9361
22	9348	9362
25	9349	9363



CAST D SHACKLES

Made in 316 Stainless Steel.

Part No.	A mm	B mm	C mm	Breaking Load Kg
6004	4	12	8	550
6005	5	15	10	1000
6006	6	18	12	1700
6008	8	24	16	2500
6010	10	30	20	4100
6012	12	36	24	5400
6016	16	56	32	10000
6019	19	65	35	16000
6022	22	74	44	20000
6025	25	86	50	24000



CAST BOW SHACKLES

Made in 316 Stainless Steel

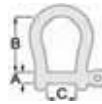
Part No.	A mm	B mm	C mm	Breaking Load Kg
6034	4	16	8	550
6035	5	20.5	10	1200
6036	6	24	12	1700
6038	8	33	16	2500
6040	10	41	20	4300
6042	12	49	24	6200
6046	16	56	32	12000
6049	19	79	38	18200
6052	22	79	44	21000



CAST TWISTED SHACKLES

Made in 316 Stainless Steel

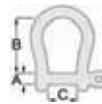
Part No.	A mm	B mm	C mm	Breaking Load Kg
6065	5	32	10	1200
6066	6	42	12	1750
6068	8	56	16	3000
6070	10	65	20	5800
6072	12	82	24	7000



CAST LONG D SHACKLES

Made in 316 Stainless Steel

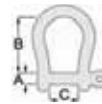
Part No.	A mm	B mm	C mm	Breaking Load Kg
6084	4	28	8	550
6085	5	35	10	1000
6086	6	42	12	1700
6088	8	56	16	2500
6090	10	70	20	3500
6092	12	84	24	5400



CAST WIDE D SHACKLES

Made in 316 Stainless Steel

Part No.	A mm	B mm	C mm	Breaking Load Kg
6075	5	17.5	25	750
6076	6	30	24	1350
6078	8	28	28	2500
6080	10	50	40	3350
6082	12	60	48	4000



STANDARD RAPID LINKS

Made in 316 Stainless Steel.

All are CE marked and stamped with size and safe working load.

Part No	W mm	L mm	A mm	O mm	SWL Kg	Breaking Load Kg
0701	2.5	21	7	3.5	100	500
0702	3	25	8.5	4	160	800
0703	3.5	29	10	5	220	1100
0704	4	31.5	11.5	5.5	280	1400
0705	5	38.5	13	6.5	450	2250
0706	6	45	14.5	7.5	650	3250
0707	7	52	16	8.5	900	4500
0708	8	58	17.5	10	1100	5500
0709	9	62	19	11	1400	7000
0710	10	69	20.5	12	1800	9000
0712	12	80.5	23.5	15	2500	12500
0714	14	93	26.5	17	3500	17500
0716	16	108	29.5	19	4500	22500
0718	18	121	32.5	23	5400	27000





INC PLATED STANDARD RAPID LINKS

Made from inc Plated Mild Steel.

All are CE marked and stamped with size and safe working load.



Part No.	W mm	L mm	A mm	O mm	SWL Kg	Breaking Load Kg
0701P	2.5	21	7	3.5	35	175
0702P	3	25	8.5	4	50	250
0703P	3.5	29	10	5	100	500
0704P	4	31.5	11.5	5.5	180	900
0705P	5	38.5	13	6.5	280	1400
0706P	6	45	14.5	7.5	400	2000
0707P	7	52	16	8.5	550	2750
0708P	8	58	17.5	10	700	3500
0709P	9	62	19	11	900	4500
0710P	10	69	20.5	12	1100	5500
0712P	12	80.5	23.5	15	1500	7500
0714P	14	93	26.5	17	2200	11000
0716P	16	108	29.5	19	2900	14500
0718P	18	121	32.5	23	3500	17500
0720P	20	137.5	35.5	26	4000	20000



STAINLESS LONG SERIES RAPID LINKS

Made in 316 Stainless Steel.

All are CE marked and stamped with size and safe working load.



Part No	W mm	L mm	A mm	O mm	SWL Kg	Breaking Load Kg
0721	2.5	28	7	7	90	450
0722	3	33.5	8.5	8.5	145	725
0723	3.5	39	10	10	200	1000
0724	4	45	11.5	11.5	250	1250
0725	5	52	13	13	400	2000
0726	6	58.5	14.5	14.5	580	2900
0727	7	65	16	16	800	4000
0728	8	72	17.5	17.5	980	4900
0729	9	77	19	19	1250	6250
0730	10	85.5	20.5	20.5	1600	8000
0732	12	100	23.5	23.5	2200	11000
0734	14	114	26.5	26.5	3100	15500
0736	16	129	29.5	29.5	4000	20000
0736A	18	140.5	32.5	32.5	4900	24500

INC PLATED LONG SERIES RAPID LINKS

Made from inc Plated Mild Steel.

All are CE marked and stamped with size and safe working load.

Part No	W mm	L mm	A mm	O mm	SWL Kg	Breaking Load Kg
0721P	2.5	28	7	7	30	150
0722P	3	33.5	8.5	8.5	45	225
0723P	3.5	39	10	10	90	450
0724P	4	45	11.5	11.5	160	800
0725P	5	52	13	13	250	1250
0726P	6	58.5	14.5	14.5	350	1750
0727P	7	65	16	16	500	2500
0728P	8	72	17.5	17.5	650	3250
0729P	9	77	19	19	800	4000
0730P	10	85.5	20.5	20.5	1000	5000
0732P	12	100	23.5	23.5	1250	6250
0734P	14	114	26.5	26.5	2000	10000
0736P	16	129	29.5	29.5	2500	12500
0738P	18	140.5	32.5	32.5	3000	15000
0740P	20	158.5	35.5	35.5	3600	18000



S UARE RAPID LINKS

Made from 316 Stainless Steel. Other sizes available.

All are CE marked and stamped with size and safe working load.

Part No	W mm	A mm	L mm	O mm	SWL Kg	Breaking Load Kg
1451	2.5	17	21	3.5	70	350
1452	3	18	23.5	4	110	550
1453	3.5	22	27.5	5	150	750
1454	4	25	31.5	5.5	200	1000
1455	5	28	37.5	6.5	325	1625
1456	6	31	43.0	7.5	450	2250
1457	7	34	49.5	8.5	625	3125
1458	8	37	55.0	10	770	3850
1459	9	40	60	11	980	4900
1460	10	43	68.5	12	1250	6250
1462	12	50	78	15	1750	8750
1464	14	57	89	17	2450	12250
1466	16	64	103	19	3150	15750



INC PLATED SQUARE RAPID LINKS

Made from zinc plated Mild Steel.

All are CE marked and stamped with size and safe working load.



Part No	W mm	A mm	L mm	O mm	SWL Kg	Breaking Load Kg
1451P	2.5	17	21	3.5	25	125
1452P	3	18	23.5	4	40	200
1453P	3.5	22	27.5	5	70	350
1454P	4	25	31.5	5.5	100	500
1455P	5	28	37.5	6.5	150	750
1456P	6	31	43.0	7.5	250	1250
1457P	7	34	49.5	8.5	400	2000
1458P	8	37	55.0	10	550	2750
1459P	9	40	60	11	700	3500
1460P	10	43	68.5	12	900	4500
1462P	12	50	78	15	1100	5500
1464P	14	57	89	17	1800	9000
1466P	16	64	103	19	2200	11000
1468P	18	71	117	23	2600	13000

STAINLESS DELTA RAPID LINKS

Made from 316 Stainless Steel.

All are CE marked and stamped with size and safe working load.



Part No	W mm	A mm	L mm	O mm	SWL Kg	Breaking Load Kg
1771	2.5	17	22	3.5	70	550
1772	3	21	24	4	110	550
1773	3.5	24	29	5	150	750
1774	4	27.5	32	5.5	200	1000
1775	5	30	38	6.5	325	1625
1776	6	35	44	7.5	450	2250
1777	7	37	49	8.5		3125
1778	8	40	57	10	770	3850
1779	9	42	60	11	980	4900
1780	10	46	67	12	1250	6250
1782	12	51	80	15	1750	8750
1784	14	57	95	17	2450	12250
1786	16	61	106	19	3150	15750

INC PLATED DELTA RAPID LINKS

Made from inc plated Mild Steel.

All are CE marked and stamped with size and safe working load.

Part No	W mm	A mm	L mm	O mm	SWL Kg	Breaking Load Kg
1771P	2.5	17	22	3.5	25	125
1772P	3	21	24	4	40	200
1773P	3.5	24	29	5	70	350
1774P	4	27.5	32	5.5	100	500
1775P	5	30	38	6.5	150	750
1776P	6	35	44	7.5	250	1250
1777P	7	37	49	8.5	40	2000
1778P	8	40	57	10	550	2750
1779P	9	42	60	11	700	3500
1780P	10	46	67	12	900	4500
1782P	12	51	80	15	1100	5550
1784P	14	57	95	17	1800	9000
1786P	16	61	106	19	2200	11000
1788P	18	66	119	23	2600	13000
1790P	20	72	136	24	3000	15000



PEAR SHAPED RAPID LINKS

Made from 316 Stainless Steel.

All are CE marked and stamped with size and safe working load.

Part No	W mm	A mm	L mm	O mm	SWL Kg	Breaking Load Kg
1841	2.5	15	35	7	60	300
1842	3	17.6	39.5	8.5	100	500
1843	3.5	20.5	47.7	10	130	650
1844	4	23.8	53.2	11.5	170	850
1845	5	27.1	60.7	13	270	1350
1846	6	30.7	69.3	14.5	400	2000
1847	7	34.4	76.8	16	550	2750
1848	8	37.2	84.2	17.5	660	3300
1849	9	39.9	89.9	19	840	4200
1850	10	43.4	97.9	20.5	1100	5500
1852	12	52	120	23.5	1500	7500
1854	14	57	129	26.5	2100	10500
1856	16	63.5	144	29.5	2700	13500



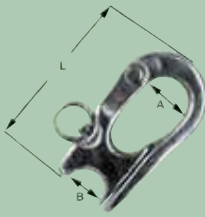
INC PLATED PEAR SHAPED RAPID LINKS

Made from inc plated Mild Steel.

All are CE marked and stamped with size and safe working load.

Part No	W mm	A mm	L mm	O mm	SWL Kg	Breaking Load Kg
1841P	2.5	15	35	7	20	100
1842P	3	17.6	39.5	8.5	32	160
1843P	3.5	20.5	47.7	10	56	280
1844P	4	23.8	53.2	11.5	80	400
1845P	5	27.1	60.7	13	120	600
1846P	6	30.7	69.3	14.5	200	1000
1847P	7	34.4	76.8	16	320	1600
1848P	8	37.2	84.2	17.5	480	2400
1849P	9	39.9	89.9	19	600	3000
1850P	10	43.4	97.9	20.5	720	3600
1852P	12	52	120	23.5	880	4400
1854P	14	57	129	26.5	1440	7200
1856P	16	63.5	144	29.5	2000	10000

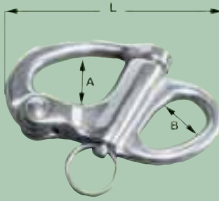




SHEET SHACKLES

Made in 316 Stainless Steel

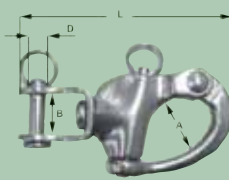
Part No.	L mm	A mm	B mm	Breaking Load Kg
9031	55	12	10	1500
9033	65	15	14	2500
9035	95	25	18	3500



SNAP SHACKLES WITH FIXED EYE

Made in 316 Stainless Steel

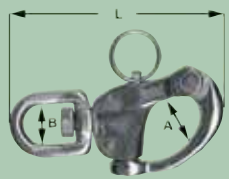
Part No.	L mm	A mm	B mm	Breaking Load Kg
9001	52	12	9	1400
9003	65	16	12	2000
9005	95	22	16	4000



SNAP SHACKLES WITH SWIVEL SHACKLE

Made in 316 Stainless Steel

Part No.	L mm	A mm	B mm	D mm	Breaking Load Kg
9020	70	12	12	5	1900
9021	90	16	16	6	2900
9022	130	22	22	12	3900



SNAP SHACKLES WITH SWIVELLING EYE

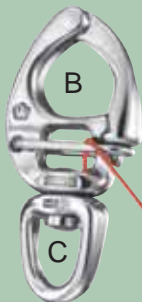
Made in 316 Stainless Steel

Part No.	L mm	A mm	B mm	Breaking Load Kg
9011	70	12	12	1200
9013	90	16	16	1900
9015	130	22	22	3400

WICHARD SNAP SHACKLE

The totally smooth oval shape of Wichard quick-release snap shackles make them ideal for guy and spinnaker sheet manoeuvres. The snap shackle opens immediately, and can be released effortlessly using the built in control line. Made in France from 630 Stainless Steel.

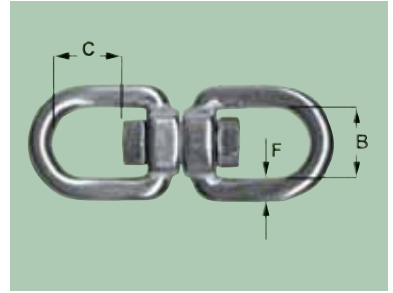
Part No.	Length mm	B mm	C mm	Function Load Kg	Breaking Load Kg
W2673	70	14	11	1100	1500
W2674	80	16	12	1600	2300
W2675	90	20	13.5	2000	3200
W2676	110	25	16	3000	4800
W2677	130	30	20	4000	6300
W2678	150	34	24	6500	9000



EYE / EYE SWIVEL

Made in 316 Stainless Steel

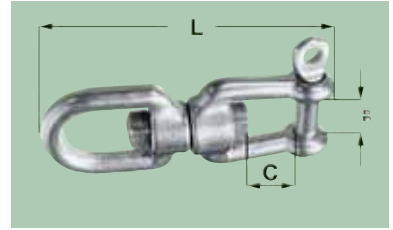
Part No	Length mm	B mm	C mm	F mm	Breaking Load Kg
5635	58	13	14	5	820
5636	65	15	15	6	1350
5638	90	20	22	8	2500
5640	114	24	29	10	3500
5643	154	32	35	13	6000
5646	188	39	45	16	10800
5649	223	41	50	19	16100



EYE / JAW SWIVEL

Made in 316 Stainless Steel

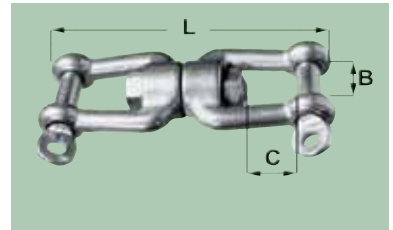
Part No.	Pin Dia mm	L mm	B mm	C mm	Breaking Load Kg
5656	6	66	12	11	1350
5658	8	94	16	16	2500
5660	10	112	19	21	3500
5663	13	152	26	28	6000
5666	16	180	31	36	10800
5669	19	229	38	45	15000



JAW / JAW SWIVEL

Made in 316 Stainless Steel

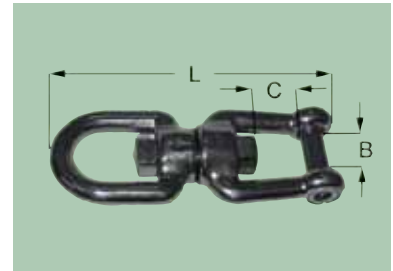
Part No.	Pin Dia mm	L mm	B mm	C mm	Breaking Load Kg
5675	5	52	10	10	600
5676	6	66	12	11	1350
5678	8	94	16	16	2500
5680	10	112	19	21	3500
5683	13	152	26	28	6000
5686	16	180	31	36	10800
5689	19	229	38	45	15000



HEX PIN EYE / JAW SWIVEL

Made in 316 Stainless Steel, with Hex Key pins

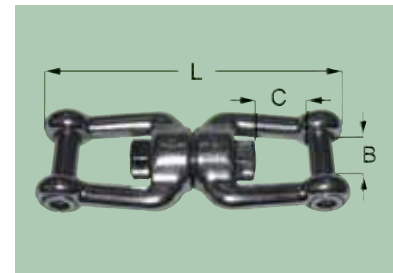
Part No.	Pin Dia mm	L mm	B mm	C mm	Breaking Load Kg
5655H	5	52	10	10	600
5656H	6	66	12	12	1200
5658H	8	94	16	16	1900
5660H	10	118	20	20	3500
5663H	13	152	26	26	5000
5666H	16	188	32	32	8500
5669H	19	223	38	38	10000

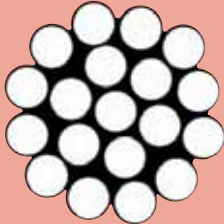


HEX PIN JAW / JAW SWIVEL

Made in 316 Stainless Steel, with Hex Key pins

Part No.	Pin Dia mm	L mm	B mm	C mm	Breaking Load Kg
5675H	5	52	10	10	600
5676H	6	66	12	12	1200
5678H	8	94	16	16	1900
5680H	10	118	20	20	3500
5683H	13	152	26	26	5000
5686H	16	188	32	32	8500
5689H	19	223	38	38	10000





1 x 19



7 x 19



7 x 7



STAINLESS STEEL WIRE ROPE

1 x 19 construction strong: but less flexible, ideal for standing rigging.

Rope Dia mm	Breaking load Kg.	100 m coil Part No.	20 m coil Part No.	Cut per metre Part No.
1	84	5401A	5401	5421
1.5	189	54015A	54015	54215
2	320	5402A	5402	5422
2.5	500	54025A	54025	54225
3	720	5403A	5403	5423
4	1280	5404A	5404	5424
5	2000	5405A	5405	5425
6	2880	5406A	5406	5426
7	3550	5407A	5407	5427
8	4640	5408A	5408	5428
9	5870	5409A	5409	5429
10	7250	5410A	5410	5430

STAINLESS STEEL WIRE ROPE

7 x 19 construction flexible wire: ideal for running rigging etc.

Rope Dia mm	Breaking load Kg.	100 m Reel Part No.	20 m coil Part No.	Cut per metre Part No.
2	230	5502A	5502	5522
2.5	350	55025A	55025	55225
3	510	5503A	5503	5523
4	970	5504A	5504	5524
5	1420	5505A	5505	5525
6	2040	5506A	5506	5526
7	2780	5507A	5507	5527
8	3630	5508A	5508	5528
10	5670	5510A	5510	5530

STAINLESS STEEL WIRE ROPE

7 x 7 construction flexible wire: suitable for a wide range of applications.

Rope Dia mm	Breaking load Kg.	100 m Reel Part No.	20 m coil Part No.	Cut per metre Part No.
1	60	5500A	5500	5520
1.5	136	5501A	5501	5521
2	242	5452A	5452	5432
2.5	364	54525A	54525	54325
3	545	5453A	5453	5433
4	968	5454A	5454	5434
5	1510	5455A	5455	5435
6	2180	5456A	5456	5436
8	2970	5458A	5458	5438

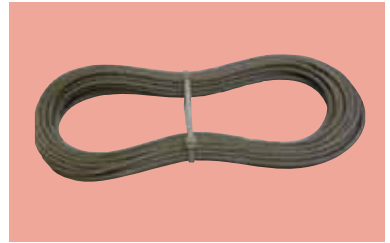
STAINLESS PLASTIC COATED WIRE ROPE

Wire Type	Rope Dia mm	100 m Reel Part No.	20 m Coil Part No.	cut per metre Part No.
1 x 19	4 (6mm)	5404C	5404B	5404P
7 x 7	3 (4mm)	5603C	5603B	5603P
7 x 7	4 (6mm)	5434C	5434B	5434P

WIRE PRE PACKS

7 x 19 construction flexible stainless wire: suitable for a wide range of applications.

Part No.	Size mm	Length m
8933	2	5
8934	2	10
8935	3	5
8936	3	10



ORMISTON SEIZING WIRE

10m of Monel Seizing wire 0.9mm Thick.

Part No. 5390



WIRE ROPE GRIPS (BULLDOG GRIPS)

Made in 316 Stainless Steel

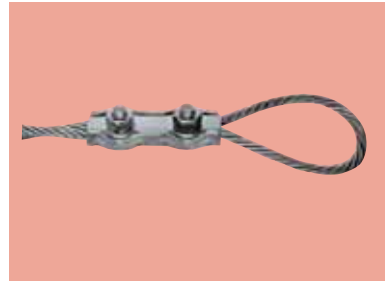
Part No.	Wire dia mm	A mm	D mm	C mm
0772	2	3	7	7
0773	3	4	8	8
0774	4 & 5	5	10	10
0776	6	6	12	13
0778	8	6	17	18
0780	10	8	22	21
0782	12	10	25	26
0784	14	10	30	29
0786	16	10	35	36
0787	20	12	38	40



DOUBLE WIRE CLAMPS (DUPLEX CLAMPS)

Made in 316 Stainless Steel

Part No.	Wire dia mm	Thread mm	Length mm
5602	2	M4	36
5603	3	M4	40
5604	4	M5	42
5605	5	M5	52
5606	6	M6	62
5608	8	M8	75
5610	10	M10	95



COPPER FERRULES (DIN TYPE)

For crimping Stainless Steel wire rope. Suitable for hand swaging tools and for talurit systems. Din type ferrules are longer but have a thinner wall section to British Standard Ferrules so please check you have the right tool for the ferrule.

Part No.	Wire size mm	Part No.	Wire size mm
0499	1	0505D	4
0500D	1.5	0506D	4.5
0501D	2	0507D	5
0502D	2.5	0508D	6
0503D	3	0509D	6.5
0504D	3.5	-	-





B.S. COPPER FERRULES

For crimping stainless steel wire rope. Suitable for hand swaging tools and for Talurit systems.

Ferrules are "A" type made to B.S. 5281.

Part No.	Wire size mm	Part No.	Wire size mm
0499	1	0505	4
0500	1.5	0506	4.5
0501	2	0507	5
0502	2.5	0508	6
0503	3	0509	6.5
0504	3.5		

ALUMINIUM ALLOY FERRULES

For crimping galvanized wire rope. Suitable for hand swaging tools and for Talurit systems.

Ferrules are "A" type made to B.S. 5281.

Part No.	Wire size mm	Part No.	Wire size mm
0481	1	0487	4
0482	1.5	0488	4.5
0483	2	0489	5
0484	2.5	0490	6
0485	3	0491	6.5
0486	3.5	-	-

HAND CRIMPING TOOLS

Designed as a simple economical and portable method for splicing small wire ropes

Jaws are marked to denote:

A Type B.S. 5281 ferrules D Type Din 3093 (intal) ferrules

Part No.	Ferrule size on aw	
	A Type	D Type
0531	1.5, 2, 3, 4	2, 2.5, 3.5, 4.5
0530	1.5, 2.5, 3.5, 4.5	2, 3, 4, 5
0529	3, 4, 5	3.5, 4.5
0532	1.5, 2, 5, 6	2, 2.5, 6.5

ORMISTON WIRE SPLICER

A small simple solution for making occasional splices.

If large quantities of splices are required use hand crimping tool. Suitable for 1.5, 2, 2.5, 3 and 4mm A type Ferrules.

Part No. 0536

MARVEL ROD AND WIRE CUTTERS

High quality Japanese made heavy duty cutters.

New blades and handles are available.

Part No.	To cut Max. 7x19 s/s wire	To cut Max. 1x19 s/s wire or rod
5551	10 mm	7 mm
5552	16 mm	11 mm
5551B	Spare Blades for 5551	
5552B	Spare Blades for 5552	

FELCO WIRE CUTTERS

Superb quality Swiss made wire cutters

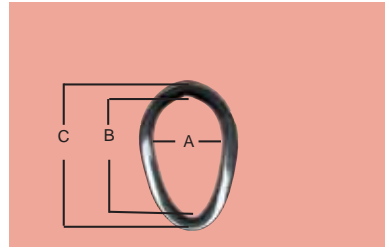
Part No.	Ref No.	To cut Max dia 7x19 s/s wire	To cut Max dia 1x19 s/s wire or rod
5545	C7	5 mm	4mm
5546	C9	7 mm	5mm
5547	C12	8 mm	5mm
5548	C16	12mm	6mm



SOLID THIMBLES

Made in 316 Stainless Steel

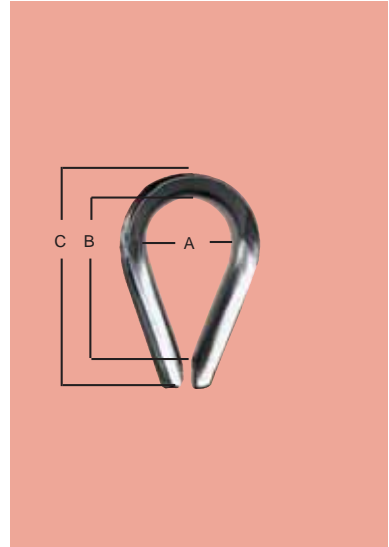
Part No.	Wire dia mm	A mm	B mm	C mm
0147	3	12	20.7	26
0148	4	13	22.8	30
0149	6	20	34	44
0150	8	25.6	41.8	54



SPLIT THIMBLES

Made in 316 Stainless Steel

Part No.	Wire dia. mm	A mm	B mm	C mm
0132	2	9	14	23
01325	2.5	8	14	23
0133	3	9	14	23
0134	4	11	16	27
0135	5	14	21	32
0136	6	16	26	39
0137	7	18.5	29	42
0138	8	21	35	50
0140	10	26	42	59
0262	12	29	50	70
0264	14	35	57	77
0266	16	41	69	87
0268	18	42	73	96
0270	20	52	88	114
0272	22	56	96	125
0274	24	62	108	144
0278	28	76	135	175



PLASTIC THIMBLES

Made from Nylon

Part No.	Rope Size. mm
3135	5
3136	6
3138	8
3140	10
3142	12
3144	14
3146	16
3148	18
3150	20



HEAT SHRINK TUBING

To cover rope and wire spliced ends. Tough, flexible, flame retardant Polyolefin tubing, shrink ratio 3:1 Sold in 1m lengths of black

Part No.	Size mm	Suitable for ferrule. Wire Size mm
0432	3-1	1
0433	6-2	1.5, 2, 2.5
0434	9-3	3, 3.5
0435	12-4	4, 4.5, 5
0436	18-6	6, 6.5, 7, 8





LOOS TENSION GAUGE FOR WIRE

Professional wire tension gauge

Ideal for determining loads on rigging wires, or any application where cable or wires are installed under load. Made from rugged anodized aluminum, this gauge is corrosive resistant and will give years of service. Detailed operating instructions are included with each tension gauge. Higher accuracy and easier to use than other models. The cable can be adjusted while the gauge remains on the cable. "Just watch the pointer move."

Part No.	Loos Part No.	Wire Size mm
LO-592-034	PT1M	2.5, 3, 4
LO-592-035	PT2M	5, 6, 7
LO-592-036	PT3M	8, 9, 10

LOOS TENSION GAUGE FOR ROD

Professional wire tension gauge for rod rigging

Part No.	Loos Part No.	Rod Size
LO-592-039	RT10M	.172" (4.4mm), .198"(5mm), .225" (5.7mm), .250"(6.3mm), .281"(7.1mm)
LO-592-040	RT11M	.281"(7.1mm), .330"(8.4mm), .375"(9.5mm)



STANDARD LOOS GAUGE FOR WIRE

Wire tension gauge for wire

Part No.	Description	Wire Size mm
LO-592-031	Model A	2.5,3,4
LO-592-032	Model B	5,6,7

SURE CHECK TENSION GAUGE

Budget wire tension gauge for wire

Part No.	Description
SC-20908	SureCheck 2.5-4mm
SC-20900	SureCheck 4-6mm
SC-20902	SureCheck 6-8mm
SC-20904	SureCheck 8-10mm
SC-20909	SureCheck Pocket



BRASS PELICAN HOOKS

Overall length 100mm

Part No. 1082

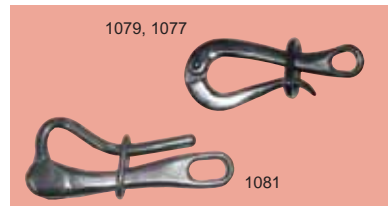
Overall length 130mm

Part No. 1083

STAINLESS STEEL PELICAN HOOKS

For use on guard rail lines with Talurit, Nicopress compression wire fittings. Made from 316 Stainless Steel,

Part No.	Length mm	Opening mm	Breaking Load Kg
1079	81	19	760
1081	85	14	N/A
1077	150	22	N/A



QUICK RELEASE PELICAN HOOKS

Unique quick release pelican hooks work on the same principle as the snap shackle. The long arm provides a powerful lever for tensioning. Made from 316 Stainless Steel.

Part No.	Thread mm	Overall Length mm	Breaking Load Kg
1078	6	75	1500
1080	8	100	2500
1089	10	144	3500
1093	12	150	3500



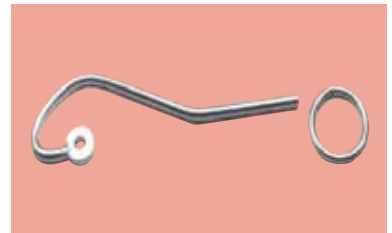
STAINLESS SLIP HOOKS

Made from A2 Stainless Steel

6mm x 132mm Slip Hook
Part No. 1086

8mm x 192mm Slip Hook
Part No. 1087

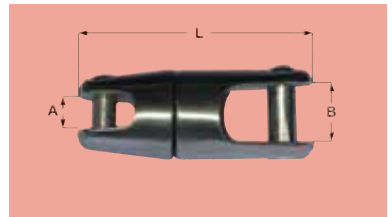
8mm x 192mm Slip Hook
Part No. 1088



ANCHOR CONNECTORS

Single swivel Anchor connectors made from 316 Stainless Steel

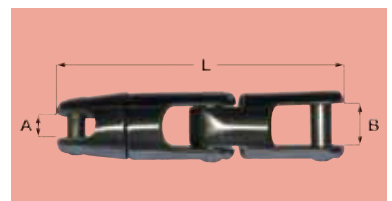
Part No.	Chain mm	A mm	B mm	L mm	Breaking Load
8352	6-8	9	15	84	2200
8353	10-12	13	21	97	6200



ANCHOR CONNECTORS

Double swivel Anchor connectors made from 316 Stainless Steel

Part No.	Chain mm	A mm	B mm	L mm
8356	6-8	9	16	130
8357	10-12	13	21	160

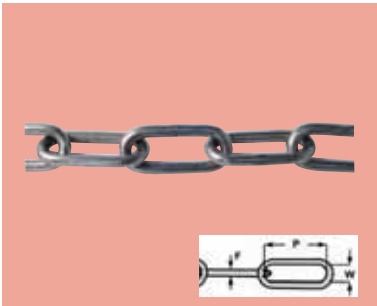


CHAIN STOPPER

Chain stopper made from 316 Stainless Steel use when at anchor to take the strain off the windlass removable pin for ease of use. Suitable for up to 12mm chain.

Part No. 8355





CHAIN MARKERS

Pack of 10 Chain markers made from coloured plastic 2 of each colour White, Green, Blue, Yellow and Pink

Part No.	Chain Size mm
5326	6
5328	8
5330	10
5333	13

SHORT LINK CHAIN

Made in 316 Stainless Steel

Part No.	F mm	P x W mm	Weight kg/m	Breaking Load Kg	SWL Kg
5302	2	12 x 4			50
5303	3	16 x 5			90
5304	4	16 x 6	0.32	1250	165
5305	5	18.5x7	0.50	1960	255
5306	6	18.5x8	0.75	2830	370
5307	7	22 x 9	1.00	3850	500
5308	8	24x10	1.35	5020	660
5310	10	28x14	2.25	7850	1035
5313	13	36x18	3.80	13270	1755
5316	16	45x22	5.80	20100	2660

LONG LINK CHAIN

Made in 316 Stainless Steel

Part No.	F mm	P x W mm	Weight kg/m	Breaking Load Kg	SWL Kg
5350	1.5	12x4			20
5351	2	22x4	0.06	310	40
5353	3	26x6	0.15	710	90
5354	4	32x8	0.27	1250	165
5355	5	35x10	0.43	1960	255
5356	6	42x12	0.63	2830	370
5358	8	49x14	1.10	5020	660
5360	10	56x20	1.75	7850	1035
5362	12	78x22		13270	1755

STA-LOK EYE

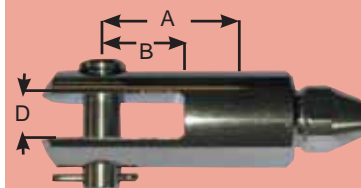
In 316 Stainless Steel. Available for 1x19 or 7 strand wire

Part No. 1x19	Part No. 7 Strand	Wire mm	A mm	C mm	D mm	Eye mm
6103	6103-7	3	17.9	6.3	5	6.5
6104	6104-7	4	20.3	8	5.8	8
6105	6105-7	5	25.9	10.5	7.5	10
6106	6106-7	6	31	12.7	9.4	13
6107	6107-7	7	32.5	13.6	10.4	13
6108	6108-7	8	35.7	14.4	12	13
6109	6109-7	8	35.7	15.9	13.4	16
6110	6110-7	10	41.1	17.8	13.4	16
6112	6112-7	12	42.9	22.5	19	19.5
6114	6114-7	14	55.6	25.5	20	22.5
6116	6116-7	16	63.8	33.3	20	22.5
6119	6119-7	19	68.3	36.5	27	28.6
6122	6122-7	22	122.2	39.7	33.3	34.9
6125	6125-7	25	128.6	42.9	33.3	34.9

STA-LOK FORK

In 316 Stainless Steel. Available for 1x19 or 7 strand wire

Part No. 1x19	Part No. 7 Strand	Wire mm	A mm	B mm	D mm	Pin mm
6303	6303-7	3	15.5	10	5	5
6304	6304-7	4	21.1	14.7	6	6.4
6305	6305-7	5	24.4	18	8	8
6306	6306-7	6	30.2	22.2	9.7	10.9
6307	6307-7	7	33.9	25.1	10.7	10.9
6308	6308-7	8	37	27.4	13.7	13
6310	6310-7	10	37.9	29.4	13.7	15.6
6312	6312-7	12	46	33.3	19.4	18.5
6314	6314-7	14	54	38.1	20.4	21.5
6316	6316-7	16	57.5	40	20.4	21.5
6319	6319-7	19	73.8	50	27.8	27
6322	6322-7	22	152.4	60.3	34.9	33
6325	6325-7	25	152.4	60.3	34.9	33

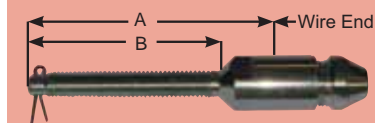
STA-LOK


STA-LOK STUD TERMINAL

In 316 Stainless Steel. Available for 1x19 or 7 strand wire

Part No. 1x19	Part No. 7 Strand	Wire mm	A mm	B mm	Thread
6203	6203-7	3	61.6	51.6	M6
6204	6204-7	4	64.3	54	M8
6205	6205-7	5	65.1	54	M8
6206	6206-7	5	77.8	66.7	M10
6207	6207-7	6	84.4	66.7	M10
6208	6208-7	6	92.5	82.6	M12
6209	6209-7	7	97.2	82.6	M12
6210	6210-7	8	98.4	82.6	M12
6211	6211-7	8	110.3	98.5	M16
6212	6212-7	10	111.1	98.5	M16
6213	6213-7	10	128.6	115.1	M20
6214	6214-7	12	138.9	115.1	M20

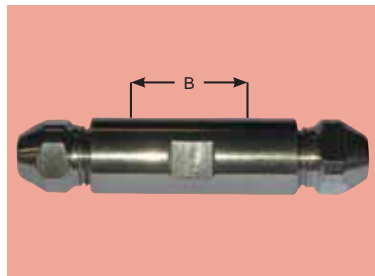
Please Specify right or left hand thread
(UNF threads also available Please ask)

STA-LOK


STA-LOK STAY CONNECTOR

In 316 Stainless Steel. Available for 1x19 or 7 strand wire

Part No. 1x19	Part No. 7 Strand	Wire Dia mm	B mm	Body Dia mm
6404	6404-7	4	11	12.7
6405	6405-7	5	14	15.9
6406	6406-7	6	16	19
6407	6407-7	7	19	22.2
6408	6408-7	8	19	25.4
6410	6410-7	10	19	28.6
6411	6411-7	11	25	34.9
6412	6412-7	12	25	34.9

STA-LOK


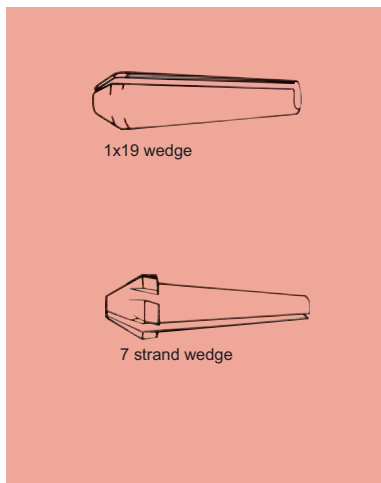
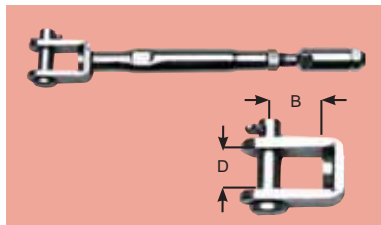
STA-LOK RIGGING INSULATOR

Insulated standing rigging provides the ideal antenna for radio transmission and reception. STA-LOK INSULATORS have proven themselves over the years to be an effective and totally reliable method of converting yacht backstays into radio antenna.

Please quote 1x19 or 7 strand wire

Part No. 1x19	Part No. 7 Strand	Wire Size mm
6806	6806-7	6
6807	6807-7	7
6808	6808-7	8
6810	6810-7	10
6812	6812-7	12

STA-LOK

STA-LOK GUARD RAIL ADJUSTERS

Fork and STA-LOK Terminal in 316 Stainless Steel
Available for 1x19 or 7 strand wire

Part No.	Part No.	Wire mm	Max L mm	Min L mm	B mm	D mm	Pin mm
1x19	7 Strand						
6764	6764-7	4	144	117	14.7	11.1	8
6765	6765-7	5	144	117	14.7	11.1	8

Fork and Fork in 316 Stainless steel

Part No.	Wire mm	Max L mm	Min L mm	B mm	D mm	Pin mm
6784	4-5	160	125	14.7	11.1	8

STA-LOK COMPONENTS

In 316 Stainless Steel. For 1x19 and 7 strand wire. Formers are supplied in packs of 5 up to 6mm, 8 & 10mm packs of 2, larger sizes are supplied Each.

Wire Size mm	Universal Former Part No.	1 x 19 Wedge Part No.	7 Strand Wedge Part No.
3	6733F	6733	6703
4	6734F	6734	6704
5	6735F	6735	6705
6	6736F	6736	6706
7	6737F	6737	6707
8	6738F	6738	6708
10	6740F	6740	6710
12	6742F	6742	6712
14		6744	
16		6746	
19		6749	
22		6752	
25		6755	

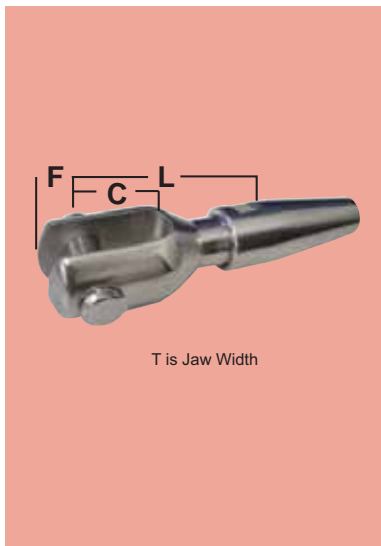


Hi-MOD COMPRESSION FORK

The latest development for self assembly fittings results in a termination at least as strong as the rated breaking load of the wire. The unique Aluminium Bronze crown ring locks the outer strands in position resulting in a perfect assembly every time Made from 316 Stainless Steel. Can be removed and refitted without replacing parts or the need to cut the ends off the wire before refitting.

Available for 1x19 7 strand or dyform wire

Part No.	Part No.	Wire mm	Pin mm	F mm	C mm	T mm	L mm
7953	7953-7	3	6	7	13	6.3	30
7954	7954-7	4	8	9	16	8	40
7955	7955-7	5	9.5	11	19	10	47
7956	7956-7	6	11	12	22	11	50
7957	7957-7	7	12.7	15	25	12.7	58
7958DS	7958DS-7	8	12.7	15	25	12.7	63
7958	7958-7	8	14.3	16.5	28	14	70
7858US	7858US-7	8	16	18	32	16	72
7960	7960-7	10	16	18	32	16	78
7962	7962-7	12	19	23	38	19	93
7964	7964-7	14	22.2	26	45	22.2	106
7966	7966-7	16	25.4	30.5	50	25.4	126
7969	7969-7	19	28.6	33	58	28.6	133
7972	7972-7	22	32	39	64	32	146
7976	7976-7	26	35	43.5	70	35	167



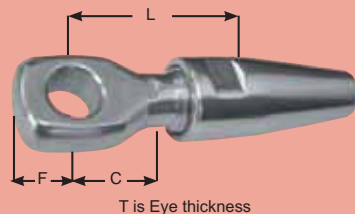
Hi-MOD COMPRESSION EYE



The latest development for self assembly fittings results in a termination at least as strong as the rated breaking load of the wire. The unique Aluminium Bronze crown ring locks the outer strands in position resulting in a perfect assembly every time. Made from 316 Stainless Steel Can be removed and refitted without replacing parts or the need to cut the ends off the wire before refitting. Other eye sizes are available for wire sizes 6mm to 10mm to enable attachment to a wider range of fittings.

Available for 1x19 7 strand or Dyform wire

Part No. 1x19	Part No. 7 Strand	Wire mm	Eye mm	F mm	C mm	L mm	T mm
7753	7753-7	3	6.3	7	9	22	6
7754	7754-7	4	8	9	12	28	7
7755	7755-7	5	9.5	11	16	32	8
7756	7756-7	6	11.1	13	19	38	9.5
7756A	7756A-7	6	12.7	13	20	43	11
7757	7757-7	7	12.7	13	20	50	11
7758A	7758A-7	8	12.7	13	20	48	11
7758	7758-7	8	14.3	16	23	52	13
7758B	7758B-7	8	16	19	28	56	15
7760	7760-7	10	16	19	28	59	15
7760A	7760A-7	10	19	22	34	65	18
7762	7762-7	12	19	22	34	79	18
7764	7764-7	14	22.2	26	36	86	22
7766	7766-7	16	25.4	29	41	94	24
7769	7769-7	19	28.6	32	44	98	28
7772	7772-7	22	32	36	50	108	32
7776	7776-7	26	35	42	55	144	34



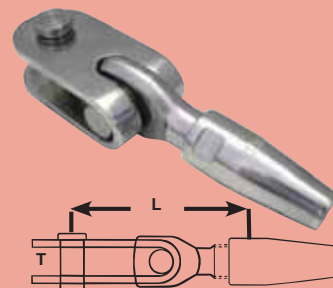
Hi-MOD COMPRESSION TOGGLE

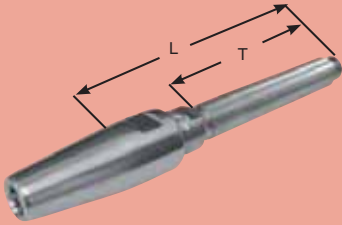


Other Thread sizes are available for wire sizes 4mm to 10mm to allow either a smaller wire to Thread or a smaller Thread for the wire for use with guard rails etc.

Available for 1x19 7 strand or Dyform wire.

Part No. 1x19	Part No. 7 Strand	Wire mm	Pin mm	T mm	L mm
7783	7783-7	3	6	8	45
7784	7784-7	4	8	10	57
7785	7785-7	5	9.5	11	71
7786	7786-7	6	11	14	80
7788	7788-7	8	12.7	14.2	92
7789	7789-7	8	16	19	116
7790	7790-7	10	16	17.5	116
7792	7792-7	12	19	22	157
7794	7794-7	14	22.2	24	174
7796	7796-7	16	25.4	28	194
7799	7799-7	19	28.6	30	215
7800	7800-7	22	32	34	235
7801	7801-7	26	35	38	296



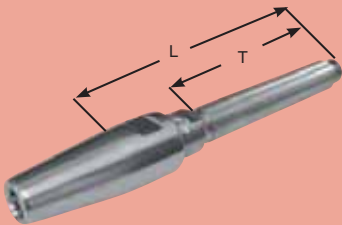


UNF Hi-MOD COMPRESSION STUD

Other Thread sizes are available for wire sizes 4mm to 10mm to allow either a smaller wire to Thread or a smaller Thread for the wire for use with guard rails etc.

Available for 1x19 7 strand or Dyform wire.

Part No. 1x19	Part No. 7 Strand	Wire mm	Thread UNF	T mm	L mm
7853U	7853U-7	3	1/4"	47	68
7854DS	7854DS-7	4	1/4"	47	68
7854U	7854U-7	4	5/16"	54	77
7855DS	7855DS-7	5	5/16"	54	82
7855U	7855U-7	5	3/8"	68	91
7855US	7855US-7	5	7/16"	75	97
7856DS	7856DS-7	6	3/8"	68	97
7856U	7856U-7	6	7/16"	75	101
7856US	7856US-7	6	1/2"	90	119
7857U	7857U-7	7	1/2"	90	123
7858UDS	7858UDS-7	8	1/2"	90	129
7858U	7858U-7	8	5/8"	100	137
7860U	7860U-7	10	5/8"	100	143
7860US	7860US-7	10	3/4"	120	163
7862U	7862U-7	12	3/4"	120	173
7864U	7864U-7	14	7/8"	140	201
7866U	7866U-7	16	1"	160	232
7869U	7869U-7	19	1 1/8"	180	250
7872U	7872U-7	22	1 1/4"	200	277
7876U	7876U-7	26	1 3/8"	220	320



METRIC Hi-MOD COMPRESSION STUD

Other Thread sizes are available for wire sizes 4mm to 10mm to allow either a smaller wire to Thread or a smaller Thread for the wire for use with guard rails etc.

Available for 1x19 7 strand or Dyform wire.

Part No. 1x19	Part No. 7 Strand	Wire mm	Thread mm	T mm	L mm
7853M	7853M-7	3	M6	47	63
7854AM	7854AM-7	4	M6	47	68
7854M	7854M-7	4	M8	54	74
7855AM	7855AM-7	5	M8	54	80
7855M	7855M-7	5	M10	68	90
7856AM	7856AM-7	6	M10	68	95
7856M	7856M-7	6	M12	90	117
7857M	7857M-7	7	M12	90	123
7858AM	7858AM-7	8	M12	90	129
7858M	7858M-7	8	M16	100	134
7860M	7860M-7	10	M20	120	158

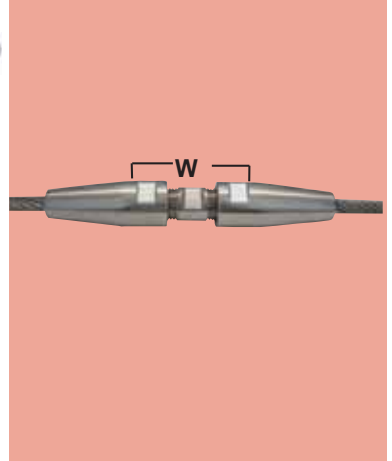
Hi-MOD COMPRESSION IN LINE LINK

Can be used in an emergency to repair broken rigging or as a permanent join in two pieces of wire

Available for 1x19 7 strand or dyform wire



Part No. 1x19	Part No. 7 Strand	Wire mm	W mm
7653	7653-7	3	26
7654	7654-7	4	27
7655	7655-7	5	33
7656	7656-7	6	35
7657	7657-7	7	43
7658	7658-7	8	55
7660	7660-7	10	62
7662	7662-7	12	72
7664	7664-7	14	85
7666	7666-7	16	97
7669	7669-7	19	97
7672	7672-7	22	111
7676	7676-7	26	131



Hi-MOD RIGGING INSULATOR

Hi-MOD Fail safe insulators utilise the same features that have made the Hi-MOD compression fittings so popular, this insulator has an internal ball-socket in the main body that threads onto the connecting stud.

the nut is insulated from the stainless steel body by a Tufnol socket, preventing electrical transference to the insulator body or opposite terminal.

should for any reason the Tufnol be compromised, the nut will bottom out against the stainless steel housing, while the back-stay will loosen, the insulator will remain attached allowing the rig to be re-tensioned until a repair can be made.

Please quote 1x19 7 strand or dyform wire

Full Part No. is Part No. plus code from each end followed by the size ie. RIEE05 has an eye at both ends for 5mm wire.



Fork	Compression	Eye	Toggle	Swage Stud
CODE: F	CODE: C	CODE: E	CODE: T	CODE: S

Part No.	Wire mm	F-L mm	C-L mm	E-L mm	T-L mm	S-L mm
RI 05	5	121	106	107	147	101
RI 06	6	121	110	107	147	101
RI 07	7	142	131	129	169	120
RI 08	8	164	153	151	212	140
RI 10	10	176	159	155	212	142
RI 12	12	207	192	180	258	168
RI 14	14	238	222	207	297	196
RI 16	16	271	258	237	337	226





Hi-MOD COMPRESSION EXTENDERS

Can be used in an emergency to repair broken rigging, simply place between any of the compression fitting bodies and nuts to extend the length or for extra length fix 2 together, ideal in emergency situations if the rigging fails and you need to cut the broken section out.

Please quote 1x19 7 strand or dyform wire

Part No.	Wire mm	L mm
CTX03	3	45
CTX04	4	60
CTX05	5	75
CTX06	6	90
CTX07	7	105
CTX08	8	120
CTX10	10	150
CTX12	12	180
CTX14	14	210
CTX16	16	240
CTX19	19	285
CTX22	22	330
CTX26	26	390

Hi-MOD FORK AND COMPRESSION FITTING

Forged in England without welds from 316 Stainless Steel, manufactured with U.N.F. threads
Larger Sizes are Available up to 26mm Wire size (1 3/8" Thread)



Part No.	Thread UNF	To Fit Wire mm	Pin Dia mm	Jaw Width mm	Min Length mm	Max Length mm	Breaking Load KN
0926C	1/4"	3	6	6.3	130	195	11
0928C	5/16"	4	8	8	150	225	18
0930C	3/8"	5	9.5	10	190	285	28
0931C	7/16"	6	11	11	210	310	38
0932C	1/2"	7	12	12.7	250	375	51
0932CDS	1/2"	8	12	12.7	255	380	51
0935C	5/8"	8	14.3	14	315	460	81
0936C	5/8"	10	16	16	330	475	81
0939C	3/4"	12	19	19	385	545	120
0942C	7/8"	14	22	22.2	430	615	190
0945C	1"	16	25.4	25.4	520	730	250
0948C	1 1/8"	19	28	28.6	560	820	310
0952C	1 1/4"	22	32	32	605	875	380
0955C	1 3/8"	26	35	35	700	1015	450

Hi-MOD OPEN BODY FORK AND COMPRESSION FITTING

Forged in England without welds from 316 Stainless Steel, manufactured with U.N.F. threads



Part No.	Thread UNF	To Fit Wire mm	Pin mm	Jaw Width mm	Min Length mm	Max Length mm	Breaking Load KN
GTCF03	1/4"	3	6	6.2	143	215	11
GTCF04DS	1/4"	4	6	6.2	143.5	215.5	11
GTCF04	5/16"	4	8	7.9	168.5	248.5	18
GTCF04US	3/8"	4	9.5	9.9	196	300	28
GTCF05	3/8"	5	9.5	9.9	200.5	304.5	28
GTCF05US	7/16"	5	11	10.9	218.5	330.5	38
GTCF06DS	3/8"	6	9.5	9.9	206	310	28
GTCF06	7/16"	6	11	10.9	222	334	38
GTCF06US	1/2"	6	12	12.7	268	408	51
GTCF07	1/2"	7	12	12.7	269.5	409.4	51
GTCF08DS	1/2"	8	12	12.7	277.5	417.5	51
GTCF08	5/8"	8	14	13.8	307.5	457.5	81
GTCF08US	5/8"	8	16	15.8	319.5	469.5	81
GTCF10	3/4"	10	16	15.8	325	475	120
GTCF10US	3/4"	10	19	17.8	369	549	120
GTCF12	3/4"	12	19	17.8	377.5	557.5	120
GTCF14	7/8"	14	22	22	435	645	190
GTCF16	1"	16	25.4	25	502	742	250
GTCF19	1 1/8"	19	28	28.2	555.5	825.5	310
GTCF22	1 1/4"	22	32	31.8	612.5	912.5	380
GTCF26	1 3/8"	26	35	34.8	375	995	450

Hi-MOD EYE AND COMPRESSION FITTING

Forged in England without welds from 316 Stainless Steel, manufactured with U.N.F. threads



Part No.	Thread UNF	To Fit Wire mm	Eye mm	Eye Thickness mm	Min Length mm	Max Length mm	Breaking Load KN
8003C	1/4"	3	6.3	6	125	190	11
8004C	5/16"	4	8	7	145	215	18
8005C	3/8"	5	9.5	8	180	275	28
8006C	7/16"	6	11.1	9.5	195	300	38
8007C	1/2"	7	12.7	11	235	360	51
8008CDS	1/2"	8	12.7	11	240	365	51
8008C	5/8"	8	14.3	14	290	435	81
8010C	5/8"	10	16	15	310	455	81
8012C	3/4"	12	19	18	360	520	120
8014C	7/8"	14	22.2	22	400	585	190
8016C	1"	16	25.4	24	475	700	250
8019C	1 1/8"	19	28.6	28	525	780	310
8022C	1 1/4"	22	32	32	570	840	380
8026C	1 3/8"	26	35	34	660	970	450

Hi-MOD TOGGLE AND COMPRESSION FITTING

Forged in England without welds from 316 Stainless Steel, manufactured with U.N.F. threads



Part No.	Thread UNF	To Fit Wire mm	Pin mm	Jaw Width mm	Min Length mm	Max Length mm	Breaking Load KN
7703C	1/4"	3	6	7.7	152	217	11
7704C	5/16"	4	8	9	173	246	18
7705C	3/8"	5	9.5	10.3	209	304	28
7706C	7/16"	6	11	14	236	338	38
7707C	1/2"	7	12.7	14.2	274	399	51
7708CDS	1/2"	8	12.7	14.2	282	407	51
7708C	5/8"	8	16	17.5	360	508	81
7710C	5/8"	10	16	17.5	365	513	81
7712C	3/4"	12	19	22	436	598	120
7714C	7/8"	14	22	24	489	676	190
7716C	1"	16	25.4	28	573	802	250
7719C	1 1/8"	19	28	32	641	900	310
7722C	1 1/4"	22	32	36	692	963	380
7726C	1 3/8"	26	35	38	805	1120	450

Hi-MOD OPEN BODY TOGGLE AND COMPRESSION FITTING

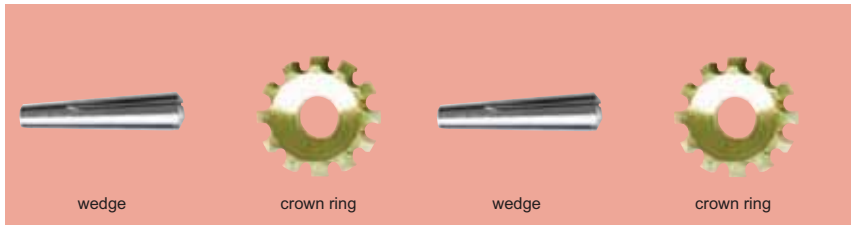
Forged in England without welds from 316 Stainless Steel, manufactured with U.N.F. threads



Part No.	Thread UNF	To Fit Wire mm	Pin mm	Jaw Width mm	Min Length mm	Max Length mm	Breaking Load KN
GTCT03	1/4"	3	6	8	157.5	229.5	11
GTCT04DS	1/4"	4	6	8	158	230	11
GTCT04	5/16"	4	8	9	185.5	265.5	18
GTCT04US	3/8"	4	9.5	11	216.5	320.5	28
GTCT05DS	5/16"	5	8	9	190.5	270.5	18
GTCT05	3/8"	5	9.5	11	221	325	28
GTCT05US	7/16"	5	11	13	246	358	38
GTCT06DS	3/8"	6	9.5	11	226.5	330.5	28
GTCT06	7/16"	6	11	13	249.5	361.5	38
GTCT06US	1/2"	6	12	15	306	446	51
GTCT07	1/2"	7	12	15	307.5	447.5	51
GTCT08DS	1/2"	8	12	15	315.5	455.5	51
GTCT08	5/8"	8	16	19	358	508	81
GTCT10	5/8"	10	16	19	363.5	513.5	81
GTCT10US	3/4"	10	19	22	419.5	599.5	81
GTCT12	3/4"	12	19	22	428	608	120
GTCT14	7/8"	14	22	25	497	707	190
GTCT16	1"	16	25.4	28	571.5	811.5	250
GTCT19	1 1/8"	19	28	32	635.5	905.5	310
GTCT22	1 1/4"	22	32	35	702	1002	380
GTCT26	1 3/8"	26	35	38	784.5	1104.5	450

HI-MOD WEDGE AND CROWN RINGS

Replacement wedges and crown rings for the Hi-MOD range of compression fittings.



Wire Size	1 X 19 WEDGE Part No.	1 X 19 CROWN RING Part No.	7 STRAND WEDGE Part No.	7 STRAND CROWN RING Part No.
3mm	6733W	6733CR	6703W	6703CR
4mm	6734W	6734CR	6704W	6704CR
5mm	6735W	6735CR	6705W	6705CR
6mm	6736W	6736CR	6706W	6706CR
7mm	6737W	6737CR	6707W	6707CR
8mm	6738W	6738CR	6708W	6708CR
10mm	6740W	6740CR	6710W	6710CR
12mm	6742W	6742CR	6712W	6712CR
14mm	6744W		6714W	
16mm	6746W		6716W	
19mm	6749W		6719W	
22mm			6722W	
26mm			6726W	

GUARD RAIL FITTINGS

Assorted Guard rail Fittings

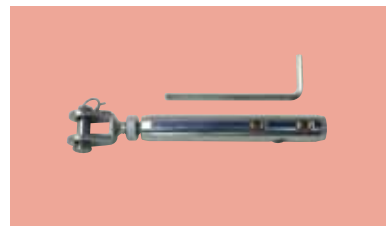
Part No.	Description
6761	Guardrail Removable Eye Terminal 3mm
6762	Guardrail Removable Eye Terminal 4mm
6763	Guardrail Removable Eye Terminal 5mm
6766	M8 Short Swage Stud for 4mm Guard Rails
6767	M8 Eye-nut (Oval Eye) for Guard rails
6775	M8 Interlinked Guard rail eye



GUARD RAIL FITTINGS

Made from 316 Stainless Steel, suitable for 4mm Wire. Supplied with Hex Keys, 20mm adjustment. Use with Pelican hook, Part No. 1081, for quick release gate. Breaking Load 750Kg.

Part No.	Description
8475L	Left Hand Thread End Fitting
8475R	Right Hand Thread End Fitting





GUARD RAIL KIT

Made from Stainless Steel, supplied with 4mm PVC wire coated to 6 or 7mm. Supplied with Hex Keys, 20mm adjustment. Use with Pelican hook, Part No. 1079, for quick release gate. Breaking Load 750Kg.

Part No.	Description
8474	7m 4mm Coated Wire & 2 End Fittings
8475	10m 4mm Coated Wire & 2 End Fittings

FORK AND FORK RIGGING SCREWS

Forged in England without welds from 316 Stainless Steel, manufactured with U.N.F. threads



Part No.	Thread UNF	Wire mm	Pin mm	Jaw Width mm	Min L mm	Max L mm	Breaking Load KN
0926	1/4"	3	6	6.3	135	205	11
0928	5/16"	4	8	8	165	240	18
0930	3/8"	5	9.5	10	200	300	28
0931	7/16"	6	11	11	220	330	38
0932	1/2"	7	12	12.7	260	390	51
0935	5/8"	8	14.3	14	325	480	81
0936	5/8"	10	16	16	345	500	81
0939	3/4"	12	19	19	400	570	120
0942	7/8"	14	22	22.2	450	640	190
0945	1"	16	25.4	25.4	520	760	250
0948	1 1/8"	19	28	28.6	585	855	310
0952	1 1/4"	22	32	32	635	920	380
0955	1 3/8"	26	35	35	715	1040	450

BUDGET FORK AND FORK RIGGING SCREWS

Made from type 316 Stainless Steel (Welded)



Part No.	Thread mm	Wire mm	Max L mm	Min L mm	Pin Dia mm	Jaw Width mm	Breaking Load Kg
0804	M4	2	110	80	5	7	
0805	M5	2.5	197	132	5	7	825
0806	M6	3	217	145	6.3	7	1300
0808	M8	4	249	173	8	8	2350
0810	M10	5	278	193	9.5	10	3550
0812	M12	6	359	250	12.7	14.5	5250
0814	M14	7	400	270	12	14	5900
0816	M16	8	448	316	16	17	8300
0820	M20	10	545	385	115	22	9000

OPEN BODY FORK AND FORK RIGGING SCREWS

Forged in England without welds from 316 Stainless Steel with Chrome plated Aluminium Bronze bodies manufactured with U.N.F. threads. Larger Sizes are Available up to 26mm Wire size (1 3/8" Thread)

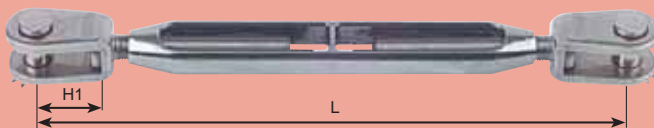


Part No.	Thread UNF	Wire mm	Pin mm	Jaw Width mm	Min L mm	Max L mm	Breaking Load KN
8203	1/4"	3	6	6.2	143	215	11
8204	5/16"	4	8	7.9	175	255	18
8205	3/8"	5	9.5	9.9	211	315	28
8206	7/16"	6	11	10.9	233	345	38
8207	1/2"	7	12	12.7	280	420	51
8208	5/8"	8	14	13.8	318	468	81
8210	5/8"	10	16	15.8	342	492	81
8212	3/4"	12	19	17.8	393	573	120
8214	7/8"	14	22	22	450	660	190
8216	1"	16	25.4	25	514	754	250
8219	1 1/8"	19	28	28.2	581	851	310
8220	1 1/4"	22	32	31.8	641	941	380
8226	1 3/8"	26	35	34.8	692	1012	450

OPEN BODY FORK AND FORK RIGGING SCREWS

This new series of chrome plated aluminium bronze rigging screws is the latest addition to our range. Aluminium bronze, like stainless steel, is very strong and highly resistant to corrosion. By making the body of the rigging screw in chrome plated aluminium bronze and the terminals in high grade marine stainless steel, we have reduced the risk of the thread seizing up under heavy loads. A design feature which gives you a product that lasts even longer.

HASELFFORS



Part No.	Thread	Length mm		Pin Dia	Jaw width	Fork H1	Breaking Load	SWL
	UNF	Min	Max	mm	mm	mm	Kn	Kn
HF-90021	1/4	135	192	6.5	7	12.5	15	10.5
HF-90022	5/16	170	230	8	8	15	23	16.1
HF-90023	3/8	205	277	9.5	10	18	34	23.8
HF-90024	7/16	236	335	11	12	18	47	32.9
HF-90025	1/2	280	393	13	14	24	68	47.6
HF-90026	5/8	334	463	15.8	16	31	95	66.5
HF-90027-2	3/4	389	539	19	20	32	125	87.5
HF-90028-2	7/8	431	620	22	22	45	180	125

FORK AND TOGGLE RIGGING SCREWS

Forged in England without welds from 316 Stainless Steel, manufactured with U.N.F. threads.

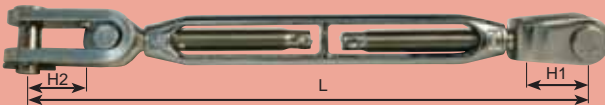


Part No.	Thread	Wire mm	Pin mm	Jaw Width Fork mm	Jaw Width Toggle mm	Min L mm	Max L mm	Breaking Load KN
7703	1/4"	3	6	6.3	7.7	156	226	11
7704	5/16"	4	8	8	9	184	262	18
7705	3/8"	5	9.5	10	10.3	220	320	28
7706	7/16"	6	11	11	14	248	356	38
7707	1/2"	7	12	12.7	14.2	285	417	51
7708	5/8"	8	14	14	17.5	372	528	81
7710	5/8"	10	16	16	17.5	382	538	81
7712	3/4"	12	19	19	22	451	623	120
7714	7/8"	14	22	22.2	24	504	701	190
7716	1"	16	25.4	25.4	28	586	825	250
7719	1 1/8"	19	28	28.6	32	666	937	310
7722	1 1/4"	22	32	32	36	720	1004	380
7726	1 3/8"	26	35	35	38	823	1148	450

TOGGLE FORK AND FORK RIGGING SCREWS

This new series of chrome plated aluminium bronze rigging screws is the latest addition to our range. Aluminium bronze, like stainless steel, is very strong and highly resistant to corrosion. By making the body of the rigging screw in chrome plated aluminium bronze and the terminals in high grade marine stainless steel, we have reduced the risk of the thread seizing up under heavy loads. A design feature which gives you a product that lasts even longer.

HASELFFORS



Part No.	Thread	Length mm		Pin Dia	Fork W	Fork H1	Toggle H2	Breaking Load	SWL
	UNF	min.	max.	mm	mm	mm	mm	Kn	Kn
HF-96071	1/4	145	202	6.5	7	12.5	1	15	10.5
HF-96072	5/16	180	240	8	8	15	1	23	16.1
HF-96073	3/8	215	282	9.5	10	18	1	34	23.8
HF-96074	7/16	246	345	11	12	18	1	47	32.9
HF-96075	1/2	291	404	13	14	24	1	68	47.6
HF-96076	5/8	352	481	15.8	16	31	1	95	66.5
HF-96077-2	3/4	410	560	19	20	32	1	125	87.5

OPEN BODY FORK AND TOGGLE RIGGING SCREWS

Forged in England without welds from Chrome plated Aluminium Bronze bodies and 316 Stainless end fittings. Manufactured with U.N.F. threads.



Part No.	Thread	Wire mm	Pin mm	Jaw Width Fork mm	Jaw Width Toggle mm	Min L mm	Max L mm	Breaking Load KN
GTFT03	1/4"	3	6	6.3	7.7	157.5	229.5	11
GTFT04	5/16"	4	8	8	9	192.0	272.0	18
GTFT05	3/8"	5	10	10	10.3	231.5	335.5	28
GTFT06	7/16"	6	11	11	14	260.5	372.5	38
GTFT07	1/2"	7	12	12.7	15	318.0	458.0	51
GTFT08	5/8"	8	16	14	19	368.5	518.5	81
GTFT10	5/8"	10	16	16	19	380.5	530.5	81
GTFT12	3/4"	12	19	19	22	443.5	623.5	120
GTFT14	7/8"	14	22	22.2	24	512.0	772.0	190
GTFT16	1"	16	25	25.4	28	583.5	823.5	250
GTFT19	1 1/8"	19	28	28.6	32	661.0	931.0	310
GTFT22	1 1/4"	22	32	32	36	730.5	1030.5	380
GTFT26	1 3/8"	26	35	35	38	801.5	1121.5	450

OPEN BODY STUD AND TOGGLE RIGGING SCREWS

Forged in England without welds from Chrome plated Aluminium Bronze bodies and 316 Stainless end fittings. Manufactured with U.N.F. threads.



Part No.	Thread UNF	Wire mm	Pin mm	Jaw Width mm	Min L mm	Max L mm	Breaking Load KN
GTST03	1/4"	3	6	7.7	148.5	220.5	11
GTST04DS	1/4"	4	6	7.7	149.5	221.5	11
GTST04	5/16"	4	8	9	177.5	257.5	18
GTST04US	3/8"	4	10	10.3	214.5	318.5	28
GTST05DS	5/16"	5	8	9	180.5	260.5	18
GTST05	3/8"	5	10	10.3	214.5	318.5	28
GTST05US	7/16"	5	11	13	238.5	350.5	38
GTST06DS	3/8"	6	10	10.3	217.5	321.5	28
GTST06	7/16"	6	11	14	240.5	352.5	38
GTST06US	1/2"	6	12.7	15	296.0	436.0	51
GTST07	1/2"	7	12.7	15	296.0	436.0	51
GTST08DS	1/2"	8	12.7	15	299.0	439.0	51
GTST08US	5/8"	8	16	19	344.5	494.5	81
GTST10	5/8"	10	16	19	346.5	496.5	81
GTST10US	3/4"	10	19	22	403.0	583.0	120
GTST12	3/4"	12	19	22	404.5	584.5	120
GTST14	7/8"	14	22	24	471.0	681.0	190
GTST16	1"	16	25	28	537.5	777.5	250
GTST19	1 1/8"	19	28	32	606.0	876.0	310
GTST22	1 1/4"	22	32	36	671.5	971.5	380
GTST26	1 3/8"	26	35	38	740.5	1060.5	450

FORK AND STUD RIGGING SCREWS

HASSELFORS

This new series of chrome plated aluminium bronze rigging screws is the latest addition to our range. Aluminium bronze, like stainless steel, is very strong and highly resistant to corrosion. By making the body of the rigging screw in chrome plated aluminium bronze and the terminals in high grade marine stainless steel, we have reduced the risk of the thread seizing up under heavy loads. A design feature which gives you a product that lasts even longer.



Part No.	Thread	Wire	Length mm		Pin Dia	Fork W	Fork H1	Breaking Load	SWL
	UNF	dia	Min	Max	mm	mm	mm	Kn	Kn
HF-90113	1/4	3	182	239	6.5	7	12.5	15	10.5
HF-90114	1/4	4	187	244	6.5	7	12.5	15	10.5
HF-90115	5/16	4	210	270	8	8	15	23	16.1
HF-90116	5/16	5	230	290	8	8	15	23	16.1
HF-90118	3/8	5	262	329	9.5	10	18	34	23.8
HF-90120	3/8	6	269	336	9.5	10	18	34	23.8
HF-90122	7/16	6	300	399	11	12	18	47	32.9
HF-90123	7/16	7	308	407	11	12	18	47	32.9
HF-90125	1/2	7	333	446	13	14	24	68	47.6
HF-90126	1/2	8	344	457	13	14	24	68	47.6
HF-90128	5/8	8	388	517	15.8	16	31	95	66.5
HF-90129	5/8	10	405	534	15.8	16	31	95	66.5
HF-90130-2	3/4	10	460	610	19	20	32	125	87.5
HF-90131-2	3/4	12	495	645	19	20	32	125	87.5
HF-90132-2	7/8	12	555	744	22	22	45	180	125
HF-90133-2	7/8	14	570	759	22	22	45	180	125

STUD AND FORK RIGGING SCREWS

Forged in England without welds from 316 Stainless Steel, manufactured with U.N.F. threads



Size L to
internal end

Part No.	Thread UNF	Wire mm	Pin mm	Jaw Width mm	Min L mm	Max L mm	Breaking Load KN
7803	1/4"	3	6.3	6.3	125	195	11
7804D	1/4"	4	6.3	6.3	126	196	11
7804	5/16"	4	8	8	150.5	228.5	18
7804A	3/8"	4	9.5	10	184	284	28
7805D	5/16"	5	8	8	153.5	231.5	18
7805	3/8"	5	9.5	10	184	284	28
7805A	7/16"	5	11.1	11	200	308	38
7806D	3/8"	6	9.5	10	187	387	28
7806	7/16"	6	11.1	11	202	310	38
7806A	1/2"	6	12.7	12.7	236	368	51
7807	1/2"	7	12.7	12.7	236	368	51
7807A	1/2"	8	12.7	12.7	239	371	51
7808	5/8"	8	16	16	310	466	81
7810	5/8"	10	16	16	312	468	81
7810A	3/4"	10	19	19	359.5	530.5	120
7812	3/4"	12	19	19	361	532	120
7814	7/8"	14	22.2	22.2	403	600	190
7816	1"	16	25.4	25.4	472	711	250
7819	1 1/8"	19	28.6	28.6	531	801	310
7822	1 1/4"	22	32	32	575	859	380
7826	1 3/8"	26	35	35	655	979	450

STUD AND FORK RIGGING SCREWS

Made in Europe from type 316 Stainless Steel (welded).

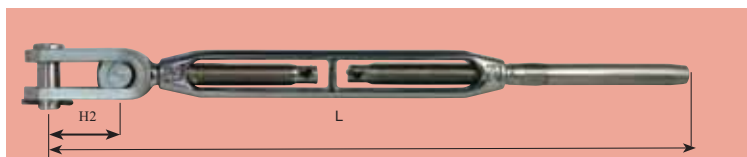


Part No.	Thread mm	Wire Size mm	Max Length mm	Min Length mm	Pin Dia mm	Jaw Width mm
11200255	M5	2.5	220	155	5	8
11200306	M6	3	250	170	5	8
11200406	M6	4	243	171	6	7
11200408	M8	4	295	200	6	10
11200510	M10	5	325	220	8	10
11200612	M12	6	410	280	10	11
11200614	M14	7	470	315	12	14
11200816	M16	8	510	340	14	14
11201020	M20	10	600	410	16	24

TOGGLE FORK AND FORK RIGGING SCREWS

HASSELFORS

This new series of chrome plated aluminium bronze rigging screws is the latest addition to our range. Aluminium bronze, like stainless steel, is very strong and highly resistant to corrosion. By making the body of the rigging screw in chrome plated aluminium bronze and the terminals in high grade marine stainless steel, we have reduced the risk of the thread seizing up under heavy loads. A design feature which gives you a product that lasts even longer.



Part No.	Thread	Wire	Length mm		Pin Dia	Fork W	Fork H1	BL	SWL
A	UNF	mm.	min.	max.	mm	mm	mm	Kn	Kn
HF-96043	1/4	3	191	248	6.5	7	15	15	10.5
HF-96044	1/4	4	196	253	6.5	7	15	15	10.5
HF-96045	5/16	4	220	280	8	8	19	23	16.1
HF-96046	5/16	5	240	300	8	8	19	23	16.1
HF-96048	3/8	5	270	337	9.5	10	22	34	23.8
HF-96050	3/8	6	277	344	9.5	10	22	34	23.8
HF-96052	7/16	6	312	411	11	12	23.5	47	32.9
HF-96053	7/16	7	320	419	11	12	23.5	47	32.9
HF-96055	1/2	7	344	457	13	14	30	68	47.6
HF-96056	1/2	8	357	470	13	14	30	68	47.6
HF-96057	5/8	8	404	533	15.8	16	39.5	95	66.5
HF-96058	5/8	10	421	550	15.8	16	39.5	95	66.5
HF-96059-2	3/4	10	477	627	19	20	40.5	125	87.5
HF-96060-2	3/4	12	512	662	19	20	40.5	125	87.5



STUD AND TOGGLE RIGGING SCREWS

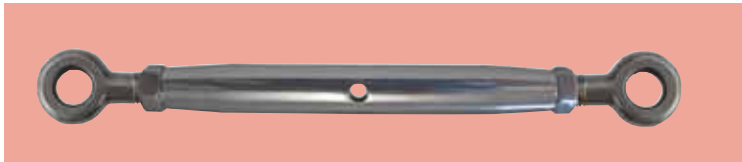
Forged in England without welds from 316 Stainless Steel, manufactured with U.N.F. threads.



Part No.	Thread	Wire mm	Pin mm	T mm	Min L mm	Max L mm	Breaking Load KN
7903	1/4"	3	6	7.7	145	215	11
7903A	1/4"	4	6	7.7	147	217	11
7904	5/16"	4	8	9	169	247	18
7904A	5/16"	5	8	9	171	249	18
7905	3/8"	5	9.5	10.3	203	303	28
7905A	3/8"	6	9.5	10.3	206	306	28
7906	7/16"	6	11	14	228	336	38
7906A	7/16"	7	11	14	231	339	38
7907	1/2"	7	12	14.2	263	395	51
7907A	1/2"	8	12	14.2	266	398	51
7908	5/8"	8	16	17.5	346	502	81
7910	5/8"	10	16	17.5	348	504	81
7912	3/4"	12	19	22	412	583	120
7914	7/8"	14	22	24	463	660	190
7916	1"	16	25.4	28	539	778	250
7919	1 1/8"	19	28	32	611	882	310
7922	1 1/4"	22	32	36	661	945	380
7926	1 3/8"	26	35	38	762	1087	450

EYE AND EYE RIGGING SCREWS

Forged in England without welds from 316 Stainless Steel, manufactured with U.N.F. threads
Larger Sizes are Available up to 26mm Wire size (1 3/8" Thread)



Part No.	Thread UNF	Wire mm	Eye mm	Eye Width mm	Min L mm	Max L mm	Breaking Load KN
8003	1/4"	3	6	6	120	190	11
8004	5/16"	4	8	7	143	221	18
8005	3/8"	5	9.5	8	177	277	28
8006	7/16"	6	11	9.5	193	301	38
8007	1/2"	7	12	11	231	363	51
8008	5/8"	8	14	14	279	435	81
8010	5/8"	10	16	15	303	459	81
8012	3/4"	12	19	18	346	517	120
8014	7/8"	14	22	22	383	580	190
8016	1"	16	25	24	452	691	250
8019	1 1/8"	19	28	28	510	780	310
8022	1 1/4"	22	32	32	557	841	380
8026	1 1/8"	26	35	34	628	952	450

FORK AND EYE RIGGING SCREWS

Forged in England without welds from 316 Stainless Steel,
manufactured with U.N.F. threads
Larger Sizes are Available up to 26mm Wire size (1 3/8" Thread)

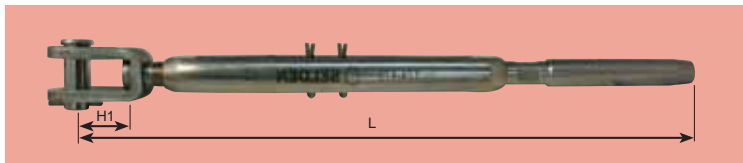


Part No.	Thread UNF	Wire mm	Pin mm	T mm	Min L mm	Max L mm	Breaking Load KN
7603	1/4"	3	6	6.3	125	195	11
7604	5/16"	4	8	8	155	230	18
7605	3/8"	5	9.5	10	190	290	28
7606	7/16"	6	11	11	210	315	38
7607	1/2"	7	12	12.7	245	375	51
7608	5/8"	8	14	14	310	465	81
7610	5/8"	10	16	16	325	480	81
7612	3/4"	12	19	19	375	545	120
7614	7/8"	14	22	22	415	610	190
7616	1"	16	25	25.4	485	725	250
7619	1 1/8"	19	28	28.6	550	820	310
7622	1 1/4"	22	32	32	595	880	380
7626	1 3/8"	26	35	35	675	1000	450

FORK AND STUD RIGGING SCREWS

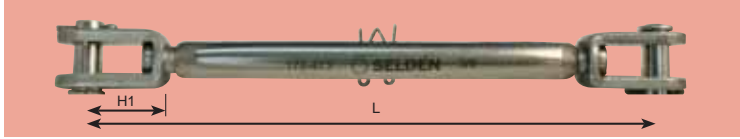
HASSELFORS

Hasselfors stainless steel rigging screws are made from high-grade, marine stainless steel - SS2343 (AISI 316L. Carbon content max 0.03% molybdenum content 2.5-3.0%). The rigging screws have cold rolled threads and are polished for higher corrosion resistance. The rigging screw threads are lubricated with Hasselfors rigging screw oil prior to delivery. To keep your rigging screws in good condition, please lubricate them regularly with our special rigging screw oil.



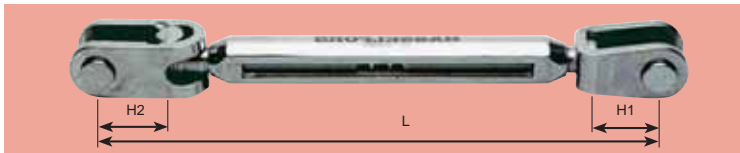
Part No.	Thread UNF	Wire mm	Length mm min.	Length mm max.	Pin Dia mm	Fork W mm	Fork H1 mm	Breaking Load Kn	SWL Kn
HF-81113	1/4	3	178	235	6.5	7	12.5	15	10.5
HF-81114	1/4	4	182	239	6.5	7	12.5	15	10.5
HF-81115	5/16	4	200	266	8	8	15	23	16.1
HF-81116	5/16	5	220	286	8	8	15	23	16.1
HF-81118	3/8	5	258	336	9.5	10	18	34	23.8
HF-81120	3/8	6	265	343	9.5	10	18	34	23.8
HF-81122	7/16	6	285	380	11	12	18	47	32.9
HF-81123	7/16	7	293	388	11	12	18	47	32.9
HF-81125	1/2	7	315	425	13	14	24	68	47.6
HF-81126	1/2	8	320	430	15.8	16	24	95	66.5
HF-81128	5/8	8	330	440	15.8	16	31	95	66.5
HF-81129	5/8	10	350	460	15.8	20	31	125	87.5
HF-81130-2	3/4	10	395	536	19	20	32	125	87.5
HF-81131-2	3/4	12	430	571	19	20	32	125	87.5
HF-81132-2	7/8	12	538	718	22	22	45	180	125
HF-81133-2	7/8	14	552	732	22	22	45	180	125

FORK AND FORK RIGGING SCREWS

HASELFOORS

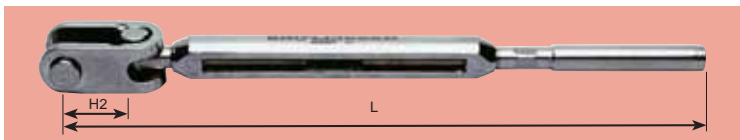
Part No.	Thread	Length mm		Body Length mm	Pin Dia mm	Fork W mm	Fork H1 Height mm	Break Load Kn	SWL Kn
		min	max.						
HF-80001	1/4	130	187	92	6.5	7	12.5	15	10.5
HF-80002	5/16	156	222	111	8	8	15	23	16.1
HF-80003	3/8	188	266	128	9.5	10	18	34	23.8
HF-80004	7/16	225	320	150	11	12	18	47	32.9
HF-80005	1/2	250	360	166	13	14	24	68	47.6
HF-80006	5/8	270	380	175	15.8	16	31	95	66.5
HF-80007-2	3/4	312	453	212	19	20	32	125	87.5
HF-80008-2	7/8	440	620	292	22	22	45	180	125
HF-80009	M24	570			22	25	50	250	175

TOGGLE AND FORK RIGGING SCREWS

HASELFOORS

Part No.	Thread	Length mm		Pin Dia mm	Fork Width mm	Fork H1 mm	Toggle H2 mm	Breaking Load Kn	SWL KN
		min.	Max.						
HF-86071	1/4	140	197	6.5	7	12.5	15	15	10.5
HF-86072	5/16	165	231	8	8	15	19	23	16.1
HF-86073	3/8	195	273	9.5	10	18	22	34	23.8
HF-86074	7/16	232	327	11	12	18	23.5	47	32.9
HF-86075	1/2	260	370	13	14	24	30	68	47.9
HF-86076	5/8	193	403	15.8	16	31	39.5	95	66.5
HF-86077-2	3/4	332	473	19	20	32	40.5	125	87.5

TOGGLE AND STUD RIGGING SCREWS

HASELFOORS

Part No.	Thread	Wire mm	Length mm		Pin Dia mm	Fork W mm	H2 mm	BL Kn	SWL Kn	Part No.	
			Min.	Max.						Toggle	Body only
HF-86043	1/4	3	185	242	6.5	7	15	15	10.5		
HF-86044	1/4	4	190	247	6.5	7	15	15	10.5		HF-86740
HF-86045	5/16	4	208	274	8	8	19	23	16.1		
HF-86046	5/16	5	228	294	8	8	19	23	16.1		HF-86741
HF-86048	3/8	5	255	333	9.5	10	22	34	23.8		
HF-86050	3/8	6	262	340	9.5	10	22	34	23.8		HF-86742
HF-86052	7/16	6	292	387	11	12	23.5	47	32.9		
HF-86053	7/16	7	300	395	11	12	23.5	47	32.9		HF-86743
HF-86055	1/2	7	320	430	13	14	30	68	47.6		
HF-86056	1/2	8	323	433	13	14	30	68	47.6		HF-86744
HF-86057	5/8	8	350	460	15.8	16	39.5	95	66.5		
HF-86058	5/8	10	370	480	15.8	16	39.5	95	66.5		HF-86745
HF-86059-2	3/4	10	418	559	19	20	40.5	125	87.5		
HF-86060-2	3/4	12	450	591	19	20	40.5	125	87.5		HF-86746-2

SWAGE EYE TERMINALS

Made From 316 Stainless Steel.

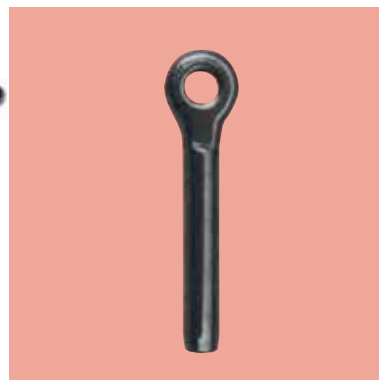
Part No.	Wire mm	Eye mm	Internal L mm	T mm	Length mm
240025	2.5	6.4	32	4	57
240003	3	6.4	38.5	5	55.5
240004	4	8.1	45	6	64
240005	5	9.6	51.5	7.5	72
240006	6	12.8	61	10	86
240007	7	12.8	70.5	10	100
240008	8	16.2	77	13	112.5
240010	10	19.2	95	16	137.5
240012	12	22.2	112	19	178.5



FORGED SWAGE EYE TERMINALS

British Made in type 316 Stainless Steel, manufactured without welds.

Part No.	Wire mm	Eye mm	Internal L mm	T mm	Length mm
1803	3	6.3	39	6	60
1804	4	8	45	7	72
1805	5	9.5	52	8	84
1806	6	11	64	9.5	102
1807	7	12.7	70	11	113
1808	8	14.5	80	14	128
1810	10	16	100	15	155
1812	12	19	132	18	197
1814	14	22.2	156	22	232
1816	16	25.4	176	24	262



SWAGE EYE TERMINALS

Made From 316 Stainless Steel.

Part No.	Wire Dia mm	Eye Dia mm	Eye Thkns mm
HF-80354	3	6.5	3.5
HF-80355	4	8.3	5.6
HF-80356	5	10.3	6.6
HF-80358	6	11.5	8.6
HF-80366	6	13	8.6
HF-80359	7	13.5	9.6
HF-80360	8	13.5	10.6
HF-80367	8	16	10.6
HF-80363	10	16	12.6
HF-80365	12	19.2	18
HF-80368	14	23	17

HASSELFORS

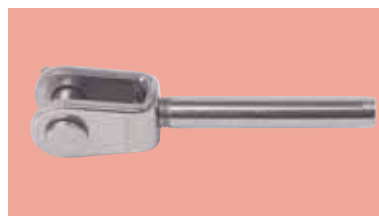


SWAGE SWIVEL FORK TERMINALS

Swivelling swage fork for use on guard rail wires and situations where adjustment is only required at one end. Made from 316 Stainless Steel.

Part No.	Wire mm	Pin Dia mm	Fork Width mm
HF-80631	3	6.5	7
HF-80632	4	8	8
HF-80633	5	9.5	10

HASSELFORS



HASSELFORS**SWAGE FORK TERMINALS**

Made from 316 Stainless Steel.

Part No	Wire mm	Pin Dia mm	Fork Width mm
HF-80384	3	6.5	7
HF-80385	4	8	8
HF-80386	5	9.5	10
HF-80388	6	11	12
HF-80389	7	13	14
HF-80390	8	15.8	16
HF-80392	10	15.8	20
HF-80425	12	19	20
HF-80393	14	22	22

MACHINED SWAGE FORK TERMINALS

British Made in type 316 Stainless Steel, manufactured without welds.



Part No.	Wire mm	Pin mm	C mm	T mm	L mm
3103	3	6	13	6.3	70
3104	4	8	16	8	83
3105	5	9.5	19	10	97
3106	6	11	22	11	113
3107	7	12	25	12.7	128
3108	8	14	28	14	144
3110	10	16	32	16	174
3112	12	19	38	19	221
3114	14	22	45	22.2	258
3116	16	25	50	25.4	294

SWAGE FORK TERMINALS

Made from 316 Stainless Steel.

Part No.	Wire mm	Pin mm	Jaw mm	L mm
250025S	2.5	5	7	65
250003S	3	6.3	7	66.5
250004S	4	8	8	78.5
250005S	5	9.5	10	87.5
250006S	6	12.7	14.5	106
250008S	8	16	17	135
250010S	10	19	20	170
250012S	12	22	24	195

**SWAGE STEMBALL TERMINALS**

Made from 316 Stainless Steel.

Part No.	Wire Dia mm	D mm
9813	3	12.5
9814	4	17
9815	5	17
9816	5	21
9817	6	21
9818	7	21
9819	7	27
9820	8	27
9821	10	31
9822	12	35

SWAGE T TERMINALS

Made from 316 Stainless Steel.

Part No.	Wire Dia mm
HF-80801	3
HF-80802	4
HF-80803	5
HF-80804	6
HF-80805	7
HF-80806	8

HASSELFORS



THREADED T TERMINALS

Made from 316 Stainless Steel.

Part No.	Description
HF-81064	7/16 x 6mm LH-threaded
HF-82064	7/16 X 6mm RH-threaded

HASSELFORS



T TERMINAL BACK PLATES

Made from 316 Stainless Steel.

Part No.	Wire Dia mm
HF-80871	3
HF-80872	4
HF-80873	5
HF-80874	6
HF-80875	7
HF-80876	8

HASSELFORS



UNIVERSAL T TERMINAL

Made from 316 Stainless Steel. This unique design will fit most leading brands of backing plate.

Hi-MOD

Part No.	Wire Dia mm
9803	3
9804	4
9805	5
9806	6
9807	7
9808	8
9810	10
9812	12



SWAGE TOGGLE TERMINALS

British Made in type 316 Stainless Steel.

Hi-MOD

Part No.	Wire mm	Pin mm	B mm	Jaw mm	L mm
2803	3	6	39	8	84
2804	4	8	45	10	103
2805	5	9.5	52	11	111
2806	6	11	64	14	146
2807	7	12	70	16	168
2808	8	14	80	18	200
2810	10	16	100	20	212
2812	12	19	132	22	278





RIGGING SCREW BODIES



Ideal if using swageless terminals or existing roll swage fittings.

Wire mm	Thread UNF	Closed Body		Open Body	
		Part No.	Length	Part No.	Length
3	1/4"	8030	86mm	8030OB	
4	5/16"	8032	98mm	8032OB	
5	3/8"	8034	124mm	8034OB	
6	7/16"	8036	136mm	8036OB	
7	1/2"	8038	164mm	8038OB	
8 or 10	5/8"	8040	210mm	8040OB	
12	3/4"	8042		8042OB	
14	7/8"	8044		8044OB	
16	1"	8046		8046OB	
19	1 1/8"	8048		8048OB	
22	1 1/4"	8050		8050OB	
26	1 3/8"	8052		8052OB	



METRIC CLOSED RIGGING SCREW BODIES

Metric thread rigging screw bodies. Ideal if using swageless terminals or existing roll swage fittings.

Part No.	Wire mm	Thread	Length mm
8029M	2.5	M5	80
8030M	3	M6	95
8032M	4	M8	105
8034M	5	M10	125
8036M	6	M12	150
8038M	7	M14	190
8040M	8	M16	210
8042M	10	M20	210



UNF SWAGE STUDS

British made in type 316 Stainless Steel
Available with either right or left hand thread.

Closed Body		Open Body		Thrd UNF	Wire mm	B mm	T mm	L mm
Part No. Right Hand	Part No. Left Hand	Part No. Right Hand	Part No. Left Hand					
8103R	8103L	8103OR	8103OL	1/4	3	39	47	110
8104R	8104L	8104OR	8104OL	5/16	4	45	54	115
8105CR	8105CL	8105AR	8105AL	5/16	5	45	54	115
8105R	8105L	8105OR	8105OL	3/8	5	52	68	138
8106R	8106L	8106OR	8106OL	7/16	6	64	75	155
8107R	8107L	8107OR	8107OL	1/2	7	70	90	178
8108R	8108L	8108OR	8108OL	5/8	8	80	100	198
8110R	8110L	8110OR	8110OL	5/8	10	100	100	220
8112R	8112L	8112OR	8112OL	3/4	12	132	120	274
8114R	8114L	8114OR	8114OL	7/8	14	156	140	325
8116R	8116L	8116OR	8116OL	1	16	176	160	369
8119R	8119L	8119OR	8119OL	1 1/8	19	210	180	425
8122R	8122L	8122OR	8122OL	1 1/4	22	242	200	482
8126R	8126L	8126OR	8126OL	1 3/8	26	290	220	557

METRIC SWAGE STUDS

European made in type 316 Stainless Steel.
Available with either right or left hand thread.

Right Hand Part No.	Left Hand Part No.	Thread mm	Wire mm	B mm	T mm	L mm
212505	312505	M5	2.5	32	43	87
210306	310306	M6	3	38.5	48	98
210406	310406	M6	4	45	48	105
210408	310408	M8	4	45	55	112
210508	310508	M8	5	51.5	55	120
210510	310510	M10	5	51.5	63	128
210610	310610	M10	6	51.5	63	128
210612	310612	M12	6	61	80	160
210712	310712	M12	7	61	80	160
210812	310812	M12	8	61	80	160
210816	310816	M16	8	77	101	199
211016	311016	M16	10	95	101	220
211220	311220	M20	12	112	120	254



UNF SWAGE STUDS

HASELFORS

Made from 316 Stainless Steel
Available with right hand thread.

Part No.	Thread size UNF	Wire mm
HF-80263	1/4	3
HF-80264	1/4	4
HF-80265	5/16	4
HF-80266	5/16	5
HF-80268	3/8	5
HF-80270	3/8	6
HF-80272	7/16	6
HF-80273	7/16	7
HF-90275	1/2	7
HF-90276	1/2	8
HF-90278	5/8	8
HF-90246	5/8	10
HF-90280	3/4	10
HF-90281	3/4	12
HF-90864	7/8	12
HF-90865	7/8	14



UNF STUD EYE

Hi-MOD
Made in UK

British Made in type 316 Stainless Steel, manufactured without welds.
Available in **Right or Left Hand** for **open or closed body** rigging screws
(open body type has a cross drilled pin as swage studs). Please specify style required or Right hand closed body type will be supplied.

Part No. R/H Closed	Part No. L/H Closed	Part No. R/H Open	Part No. L/H Open	Thread UNF	P mm	Thrd L mm	T mm	L mm
7136	7136L	7136OR	7136OL	1/4	6.3	47	6	68
7138	7138L	7138OR	7138OL	5/16	8	54	7	81
7140	7140L	7140OR	7140OL	3/8	9.5	68	8	99
7141	7141L	7141OR	7141OL	7/16	11	75	9.5	108
7142	7142L	7142OR	7142OL	1/2	12.7	90	11	130
7144	7144L	7144OR	7144OL	5/8	14.3	100	13	148
7146	7146L	7146OR	7146OL	5/8	16	100	14	153
7149	7149L	7149OR	7149OL	3/4	19	120	18	178
7152	7152L	7152OR	7152OL	7/8	22.2	140	22	205
7155	7155L	7155OR	7155OL	1	24.5	160	24	235
7156	7156L	7156OR	7156OL	1 1/8	28.6	180	28	264
7157	7157L	7157OR	7157OL	1 1/4	32	200	32	296
7158	7158L	7158OR	7158OL	1 3/8	35	220	34	326





HASELFORS UNF STUD EYES

Made from 316 Stainless Steel
Available with LEFT hand thread.

Part No.	Eye Dia mm	Thread UNF	LOA
HF-80522	8	5/16	72mm
HF-80523	9.5	3/8	85mm
HF-80524	11	7/16	105mm
HF-80525	12.5	1/2	110mm
HF-80526	15.8	5/8	146mm



METRIC STUD EYES

Made from 316 Stainless Steel
Available with LEFT hand thread.

Part No. R/H	Part No. L/H	Eye Dia	Thread	Thicknes
11021905	11031905	5.4mm	M5	4mm
11021906	11031906	6.5mm	M6	4mm
11021908	11031908	8.4mm	M8	6mm
11021910	11031910	10.5mm	M10	7mm
11021912	11031912	13.0mm	M12	8mm



METRIC STUD FORK

European Made in type 316 Stainless Steel.

Part No. Right Hand	Part No. Left Hand	Thread mm	Pin mm	Jaw Depth mm	Jaw mm	L mm
1100056	1100057	M5	5.2	43	7.5	65
1100066	1100067	M6	6.5	48	7.5	72
1100086	1100087	M8	8.3	55	8	86
1100106	1100107	M10	9.8	63	10.5	96
1100126	1100127	M12	13.1	86	16	125
1100146	1100147	M14	13.1	90	16	135
1100166	1100167	M16	16.4	101	17	158
1100206	1100207	M20	19.2	120	20	187



STUD FORK

British Made in type 316 Stainless Steel, manufactured without welds.

Available in **Right or Left Hand** for **open or closed body** rigging screws (open body type has a cross drilled pin as swage studs). Please specify style required or Right hand closed body type will be supplied.

Larger Sizes Available up to 1 3/8 Thread

Part No.	Thread UNF	Pin mm	Jaw mm	Jaw Depth mm	Thread mm	L mm
7036	1/4	6	6.3	13	47	76
7038	5/16	8	8	16	54	91
7040	3/8	9.5	10	19	68	111
7041	7/16	11	11	22	75	122
7042	1/2	12	12.7	25	90	144
7044	5/8	14	14	28	100	161
7046	5/8	16	16	32	100	175
7049	3/4	19	19	38	120	202

CLOSED BODY STUD TOGGLE



British Made in type 316 Stainless Steel, manufactured without welds. Available in **Right or Left Hand**.

R/H Part No.	L/H Part No.	Thread UNF	Pin mm	Jaw mm	Throat mm	L mm
7803T	7903T	1/4"	6	7.7	16	89
7804T	7904T	5/16"	8	9	16.5	101
7805T	7905T	3/8"	9.5	10.3	20.4	129
7806T	7906T	7/16"	11	14	28	136
7807T	7907T	1/2"	12	14.2	30.3	156
7808T	7908T	5/8"	16	17.5	39.4	193
7812T	7912T	3/4"	19	22	55	259
7814T	7914T	7/8"	22	24	60	300
7816T	7916T	1"	25.4	28	68	336
7819T	7919T	1 1/8"	28.6	30	80	390
7822T	7922T	1 1/4"	32	34	85	442
7826T	7926T	1 3/8"	35	38	105	485



OPEN BODY STUD TOGGLE



British Made in type 316 Stainless Steel, manufactured without welds. Available in **Right or Left Hand**

R/H Part No.	L/H Part No.	Thread UNF	Pin mm	Jaw mm	Throat mm	L mm
8003T	8203T	1/4"	6	7.7	16	89
8004T	8204T	5/16"	8	9	16.5	101
8005T	8205T	3/8"	9.5	10.3	20.4	129
8006T	8206T	7/16"	11	14	28	136
8007T	8207T	1/2"	12	14.2	30.3	156
8008T	8208T	5/8"	16	17.5	39.4	193
8012T	8212T	3/4"	19	22	55	259
8014T	8214T	7/8"	22	24	60	300
8016T	8216T	1"	25.4	28	68	336
8019T	8219T	1 1/8"	28.6	30	80	390
8022T	8022T	1 1/4"	32	34	85	442
8026T	8026T	1 3/8"	35	38	105	485



FORK AND EYE TOGGLE



Made in Europe from type 316 Stainless Steel. Supplied with clevis pin.

Part No.	To Fit Rigging screw	Pin Dia mm	Width mm	Fork L mm
HF-80251	1/4	6.5	7	21
HF-80252	5/16	8	8	26
HF-80253	3/8	9.5	10	33
HF-80254	7/16	11	12	39
HF-80255	1/2	13	14	43.5
HF-80256	5/8	15.8	16	48.5
HF-80257	3/4	15.8	20	65
HF-80257-2	3/4	19	20	65
HF-80298-2*	7/8	22	22	95
HF-80299*	M24	22	25	120





FORK AND EYE TOGGLE

Made in Europe from type 316 Stainless Steel. Supplied with clevis pin.

Part No.	Wire Size mm	A mm	Pin size mm
5620	3	17	6
5621	4	21	8
5622	5	23	9.5
5623	6	31	12



SPADE AND FORK TOGGLES

British Made in type 316 Stainless Steel, manufactured without welds Larger Sizes are available up to pin size 35mm.

Part No.	P mm	S mm	C mm	T mm	L mm
3003	6	10	13	6.3	42
3004	8	13	16	8	53
3005	9.5	16	19	10	64
3006	11	18	22	11	72
3007	12	21	25	12.7	87
3008	14	23	28	14	95
3009	16	26	32	16	106
3010	19	30	38	19	125



FORK AND FORK TOGGLE

Made in England from type 316 Stainless Steel. Supplied with clevis pins.

Part No.	Hole centres mm	Pin Size mm
5611	38	8
5612	53	9.5
5613	51	11
5614	67	16



FORESTAY LEVER

fabricated from 316 Stainless Steel this well tested reliable design is tough and strong. As well as being used for inner forestays they can be also used as a safety device on boats fitted with furling headsails allowing a storm jib to be flown in an emergency.

Part No.	Wire mm	Pin mm	Min L mm	Max L mm	Breaking Load Kg
SS-21-40	6	10	260	380	2100
SS-21-42	8	12	375	514	4100



RATCHET BACKSTAY ADJUSTERS

Backstay adjusters enable you to get the best performance from your rig, by inducing top mast bend and reducing forestay sag. This well tried and tested range of backstay adjusters are engineered from the finest materials available. The design has a long history of providing trouble free service.

Part No.	Wire mm	Pin mm	Min L mm	Max L mm	Breaking Load Kg
SS-21-56	7	11.1	356	492	3200
SS-21-58	8	12.7	381	546	4100
SS-21-60	10	16.9	475	720	7800
SS-21-62	12	19	500	775	11000

BACKSTAY TENSIONER

HASSELFORS

Hasselfors' backstay tensioners have smooth, clean surfaces. Even the fork terminal is fully covered. These low-weight backstay tensioners are simple to use. Insert a standard winch handle and turn. The tensioner has a maximum working load of 30 kn. The stroke is 250 or 400mm, depending on model chosen.

Part No.	Stroke mm	Breaking Load Kg	SWL Kg	Min L mm	Max L mm	LOA
HF-60005	250	6628	3030	518	768	980
HF-60006	400	6628	3030	818	1218	1430

For 6-10mm Wire

Works as a halyard tensioner too

The backstay tensioner can also be used as genoa and main halyard tensioner. It can easily cope with yachts of up to 70-80 foot. It is mounted on the mast, leaving a winch free for other purposes, and doing away with the long fall that would otherwise hang from the mast.

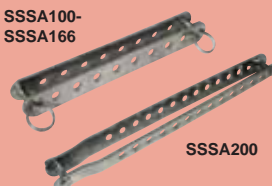


STAY ADJUSTERS

Made from Stainless Steel. Supplied with clevis pins.

Part No.	Length mm	Pin Size mm
SSSA100	100	5
SSSA104	104	5
SSSA166	166	6
SSSA200	200	6

SSSA100-
SSSA166



SSSA200

SHROUD ADJUSTERS

Made from type Stainless Steel. Supplied with clevis pins.

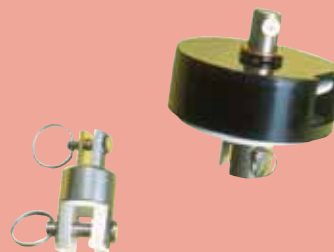
Part No.	Length mm	Pin Size mm
SS-25-41	96	4
SS-27-25	70	4



DINGHY FURLERS

The Sea Sure Jib furler is designed for complete reliability. The drum is completely enclosed to prevent rope from coming off and jamming the operation. It also features an all Stainless Steel thrust bearing so that it still operates easily when the forestay is fully tensioned.

Part No.	Description
SS-25-54	Dinghy Jib Furler
SS-25-57	Head Swivel with 4mm top slot
SS-25-57A	Head Swivel with 6.5mm top slot
SS-25-58	Spare Casing for SS-25-54



RIGGING SCREW COVER

White PVC rigging screw cover, protects sails and clothing. Easily cut down to suit rigging screw.

Part No.	Max Wire mm	Size	Length mm
8851	5-6		380
8852	7		420
8853	9		500
8854	12		600



HASELFFORS

HF-72004

ALUMINIUM RIGGING SCREW COVER

Designed for the serious off-shore sailor, this aluminium rigging screw cover is smoothly rounded and kind to sails, sheets and clothes. Chafe is reduced to a minimum and rigging screws can be kept well-lubricated without fear of staining sails or sheets.

Part No.	For rigging Screw	Tube OD / ID mm	Tube Length mm	Split top bushing Sold Each
HF-319-580-01	7/16 (6mm)	38/35	650	HF-72004
HF-319-581-01	1/2 (7mm)	43/40	650	HF-72005
HF-319-582-01	5/8 (8mm)	50/46	700	HF-72006
HF-319-583-01	3/4 (10mm)	57/53	800	HF-72007
HF-319-584-01	7/8 (12mm)	67/63	1100	HF-72008
HF-319-585-01	M24	75/71	1400	HF-72009

WIRE COVER

White PVC wire cover, protects sails and clothing, easily cut down to shorter lengths.

Part No.	Wire Size mm	Length m
8863	3	1.8
8864	4	1.8
8865	5	1.8
8866	6	1.8
8867	7	1.8
8868	8	1.8

SPLIT PINS

HASELFFORS

High Quality Hasselfors split pins. Made from Stainless Steel (for other sizes see fastenings section)

Part No.	Diameter x Length mm
HF-80563	2 x 15
HF-80557	2.5 x 12
HF-80564	2.5 x 15
HF-80565	2.5 x 20
HF-80566	3 x 20
HF-80567	3 x 25
HF-80568	3 x 30
HF-80570	4 x 30

SPLIT RINGS

High Quality Hasselfors split rings. Made from Stainless Steel (for other sizes see fastenings section)

Part No.	Diameter x Length mm
HF-80563	2 x 15
HF-80557	2.5 x 12
HF-80564	2.5 x 15
HF-80565	2.5 x 20

SURECLIPS

SureClips stainless steel clips can be used instead of split pins for all open body rigging screws. **Supplied in packs of 5**

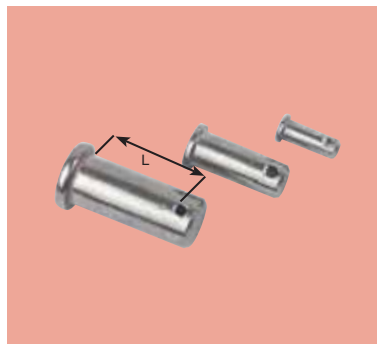
Part No.	Rigging Screw Outside Dia Inches	Pin Dia mm
SC-20140	5/16"	15
SC-20130	3/8"	18
SC-20120	7/16"	21
SC-20110	1/2"	23
SC-20100	5/8"	29
SC-20090	3/4"	32

CLEVIS PINS

Replacement clevis pins for Hasselfors rigging screws. Made from Stainless Steel (for other sizes see fastenings section)

HASSELFORS

Part No.	Pin Dia mm	Working Length mm
HF-80471	6.5	15
HF-80472	8	18
HF-80473	9.5	20.5
HF-80474	11	25
HF-80475	13	29
HF-80476	15.8	34
HF-80477	15.8	40
HF-80482	19	40
HF-80478	19	49
HF-80483	22	49



RIGGING SCREW OIL

HASSELFORS

All rigging screws (bronze or stainless steel) should be lubricated every year using Hasselfors special formula high-viscosity oil.

Part No.	Size
HF-81012	100ml


TUFFLUFF
TRIM SELECTED PARTS




TUFF LUFF

Racing sailors the world over consider Tuff Luff the only real choice in performance headstay systems. This proven concept is used in everything from one-design racing to the America's Cup, Admiral's Cup, Volvo and all the other grand prix regattas. The worlds most competitive sailors know there is simply no substitute for Tuff Luff.

TUFF LUFF KITS

Tuff Luff kits include:-

Extrusion, Feeder, Prefeeder and Lanyard, Instructions, Tuff Luff Tape and Knife, Sailing Tips, (2) Spacer Tubes

Foil section	Tuff Luff Part No.	Max wire size	Rod Dia	Luff Tape Dia.	Foil Length	Max. Stay Length
	TL-1205-25	6mm	-10	4mm	7.6m	8.8m
	TL-1205-30				9m	10.2m
	TL-1205-36				11m	12.2m
	TL-1205-46				14m	15.2m
	TL-1706-36	8mm	-17	5mm	11m	12.2m
	TL-1706-46				14m	15.2m
	TL-1706-59				18m	19.2m
	TL-2206-46	10mm	-22	5mm	14m	15.2m
	TL-2206-59				18m	19.2m
	TL-2206-72				22m	23.2m
	TL-3007-80	11mm	-30	6mm	24.3m	26.2m
	TL-4807-95	14mm	-48	6mm	28.9m	30.7m
	TL-6008-110	16mm	-60	7mm	33.5m	35.3m

TUFF LUFF SPARES ACCESSORIES

Description	TL-1205	TL-1706	TL-2206
Extrusion only	Add EO to the end of the kit Part No.		
Genoa Prefeeder	TL-1205-01		
Mainsail Prefeeder	TL-1205-11		
Foil Feeder	TL-1205-02	TL-1706-02	TL-2206-02
Feeder Screw	TL-1205	TL-1706	TL-2206
Spacer Tube Pack	TL-1205-03	TL-1706-03	TL-2206-03
Kevlar Bumper	TL-1205-10	TL-1706-10	TL-2206-10
Top Cap	TL-1205-13	TL1706-13	TL2206-13

Extrusions

Replacing your Tuff Luff foil is literally a snap. We offer spare extrusions for every system, cut to standard lengths. The foil bottom is finished to accept the feeder.



Top Caps

Made of tough 316 stainless steel top caps safeguard against chafe caused by crossed or improperly lead halyards. The top cap is aerodynamic and extremely light to minimize weight aloft. Installs in minutes.



Pre Feeders

Oversized silicon bronze rollers smooth out the sail on its way to the feeder, assuring a perfect set and eliminating the need for crew to hand-feed the sail.



Foil Feeders

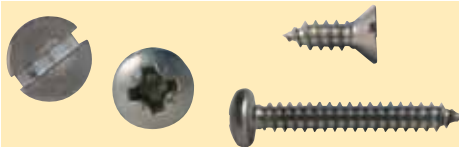
Precision engineered feeders, made of high quality 316 stainless steel, fit neatly over the finished Tuff Luff foil. The feeder guides the sail into the extrusion for a flawless hoist every time.



Kevlar Bumper (optional extra)

Protect your Tuff Luff extrusion from spinnaker pole impacts and sheet chafing. 4-foot long Kevlar bumper is easily installed using adhesive supplied. Fits 1205, 1706, 2206 and 3007.





SELF TAPPING SCREWS

Made from A4 Stainless Steel.

Sold in packs of 100

Raised Countersunk screws can either be Slotted or Pozi Please ring for current stock

Screw gauge	Length ins.	Length mm	Slotted Pan Part No.	Slotted Countersunk Part No.	Raised Countersunk Part No.	Pozi Pan Part No.	Pozi Countersunk Part No.
4 (2.9mm)	3/8"	9.5	2230		2241	2234	2169
4 (2.9mm)	1/2"	13	2231	2233	2242	2235	2170
4 (2.9mm)	5/8"	16	2231A				2170A
4 (2.9mm)	3/4"	19	2232				2170B
4 (2.9mm)	1"	25	2232A				2170C
6 (3.35mm)	3/8"	9.5	2183	2195	2247	2159	2171
6 (3.35mm)	1/2"	13	2184	2196	2248	2160	2172
6 (3.35mm)	5/8"	16		2196A	2248A		
6 (3.35mm)	3/4"	19	2185	2197	2249	2161	2173
6 (3.35mm)	1"	25	2186	2198	2250	2162	2174
6 (3.35mm)	1 1/4"	32	2187	2199	2251	2163	2175
6 (3.35mm)	1 1/2"	38	2188	2200	2252	2164	2176
8 (4.22mm)	3/8"	9.5	2189	2201	2253	2165	2177
8 (4.22mm)	1/2"	13	2190	2202	2254	2166	2178
8 (4.22mm)	5/8"	16			2254A	2166A	2178A
8 (4.22mm)	3/4"	19	2191	2203	2255	2167	2179
8 (4.22mm)	1"	25	2192	2204	2256	2168	2180
8 (4.22mm)	1 1/4"	32	2193	2205	2257		2181
8 (4.22mm)	1 1/2"	38	2194	2206	2258	2370	2182
8 (4.22mm)	1 3/4"	45				2370A	2182A
8 (4.22mm)	2"	50	2261	2262		2371	2260
10 (4.8mm)	1/2"	13	2349	2361	2373	2380	2387
10 (4.8mm)	5/8"	16	2349A				
10 (4.8mm)	3/4"	19	2350	2362	2374	2381	2388
10 (4.8mm)	1"	25	2351	2363	2375	2382	2389
10 (4.8mm)	1 1/4"	32	2352	2364	2376	2383	2390
10 (4.8mm)	1 1/2"	38	2353	2365	2377	2384	2391
10 (4.8mm)	2"	50	2355	2367		2386	2393
12 (5.4mm)	3/4"	19		2368	2409		2493
12 (5.4mm)	1"	25	2357	2401			2394
12 (5.4mm)	1 1/4"	32					2395
12 (5.4mm)	1 1/2"	38	2359	2403		2478	2396
12 (5.4mm)	2"	50	2360	2405			
14 (6.3mm)	1"	25			2416		
14 (6.3mm)	1 1/2"	32	2429				2398

SELECTION BOXES

All Boxes are made from ridged plastic and contain A4 Stainless Steel fastenings.

Part No. 2473

Pozidrive self tapping screws in a range of sizes and heads.
1/2", 3/4" & 1" in No.6 & 8 in Pan and Csk.

Part No. 2475

Slotted self tapping screws in a range of sizes and heads.
1/2", 3/4" & 1" in No.6 & 8 in Pan and Csk.

Part No. 2476

Nut and Washer selection box. Contains 4mm to 10mm Nuts & Washers

Part No. 2477

Penny Washer selection box. Contains 25 & 32mm penny washers and standard washers from 10 to 20mm

Part No. 2471

Machine Screw Selection Box Containing Countersunk and Pan Head machine screws from 4mm to 8mm in a variety of lengths
This great value box also contains Nuts, Nyloc Nuts, washers and penny washers.



RECOMMENDED DRILL SIZES

These are intended as a guide only, as hole sizes vary greatly with material thickness and type.

Screw Size Imperial	Screw Size mm	Metal mm	Plastic mm
No. 4	2.90	2.4	2.2
No. 6	3.35	2.8	2.6
No. 8	4.22	3.3	3.1



Screw Size Imperial	Screw Size mm	Metal mm	Plastic mm
No. 10	4.80	4.1	3.7
No. 12	5.40	4.8	4.1
No. 14	6.30	5.7	5.1

DRILL BITS

Professional quality drill bits for use on 316 Stainless Steel.

Part No.	Dia	Part No.	Dia
4322	2.2	4354	5.4
4324	2.4	4357	5.7
4326	2.6	4360	6.0
4328	2.8	4362	6.2
4331	3.1	4365	6.5
4333	3.3	4380	8.0
4337	3.7	4382	8.2
4341	4.1	4402	10.2
4348	4.8	4422	12.2
4350	5.0		



WOOD SCREWS

Slotted Countersunk wood screws. Made from Stainless Steel.

Length mm.	3 mm	3.5 mm	4 mm	5 mm	5.5 mm	6 mm
	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
12	2725	2730				
16	2726	2731	2738			
20	2727	2732	2739	2744		
25	2728	2733	2740	2745	2749	2754
30		2734	2741	2746	2750	2755
40		2735	2742	2747	2751	2756
50					2752	
75						2759



COUNTERSUNK BRONZE WOODSCREWS

Slotted Countersunk wood screws. Made from Silicon Bronze.

Part No.	Screw Gauge	Length ins
2497	6	5/8
2503	8	3/4
2504	8	1
2505	8	1 1/4
2506	8	1 1/2
2518	10	2
2532	12	2 1/2
2533	12	3
2538	14	2 1/2
2541	14	3

Note: Other Sizes Available to order



STAINLESS STEEL COACH SCREWS

Length mm.	6mm Dia	8mm Dia	10mm Dia	12mm Dia
	Part No.	Part No.	Part No.	Part No.
30	4702			
40	4704	4718		
50	4706	4720	4732	
60	4708	4722	4734	4744
70	4710	4724	4736	4746
80	4712	4726	4738	4748
90	4714	4728	4740	4750
100	4716	4730	4742	4752



COUNTERSUNK MACHINE SCREWS

Made in A4 Stainless Steel complete with Nut & Washer as standard or add 'X' as a prefix (X####) for without nuts and washers.

Length mm	4mm Dia Part No.	5mm Dia Part No.	6mm Dia Part No.	8mm Dia Part No.	10mm Dia Part No.	12mm Dia Part No.
10		2510				
12	2412	2513				
16	2419	2516	2616	2817		
20	2420	2520	2620	2820		
25	2425	2525	2625	2825	3025	
30	2430	2530	2630	2830	3030	
35	2435	2535	2635			
40	2440	2540	2640	2840	3040	
45		2545	2645	2845		
50	2450	2550	2650	2850	3050	3250
60		2560	2660	2860	3060	3260
65			2665			
70		2570	2670	2870	3070	3270
75		2575	2675	2875		
80			2680			
90			2690			
100		2500	2700	2900	3100	

PAN HEAD MACHINE SCREWS

Made in A4 Stainless Steel complete with Nut & Washer as standard or add 'X' as a prefix (X####) for without nuts and washers.

Length mm.	4mm Dia Part No.	5mm Dia Part No.	6mm Dia Part No.	8mm Dia Part No.	10mm Dia Part No.
8		3508	3608		
10			3610		
12	3412	3512	3612		
16	3416	2218	3616	3816	
20	3420	2219	3620	3820	
25	3425	2220	3625	3825	4025
30	3430	3530	3630	3830	4030
35	3435	3535	3635	3835	4035
40	3441	3540	3640	3840	4040
45				3845	
50	3450	3550	3650	3850	4050
60			3660	3860	4060
70		3570	3670	3870	4070
80				3880	
100		3500	3700	3900	4100

PO I CSK MACHINE SCREWS

Made in A4 Stainless Steel complete with Nut & Washer as standard or add 'X' as a prefix (X####) for without nuts and washers.

Length mm	4mm Dia Part No.	5mm Dia Part No.	6mm Dia Part No.
10		2510P	
16	2416P	2516P	
20	2420P	2520P	
25	2425P	2525P	
30	2430P	2530P	
35			2635P
40			2640P

PO I PAN MACHINE SCREWS

Made in A4 Stainless Steel complete with Nut & Washer as standard or add 'X' as a prefix (X####) for without nuts and washers.

Length mm	4mm Dia Part No.	5mm Dia Part No.	6mm Dia Part No.
10	3410P		
12	3412P	3512P	
16		3516P	3616P
20		3520P	
25		3525P	3625P
30	3430P	3530P	
35			3635P
40		3540P	

BOAT FASTENERS

Made from 316 Stainless Steel. Raised countersunk heads

Part No.	Thread Dia	Total Length	Thread Length
0456	6mm	150mm (6")	75mm (3")
0458	8mm	150mm (6")	75mm (3")
0460	10mm	150mm (6")	75mm (3")

HEX HEAD MACHINE SCREWS

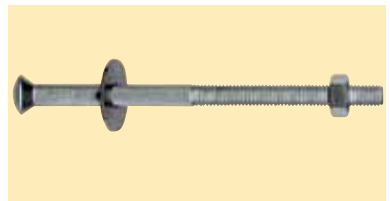
Made in A4 Stainless Steel complete with Nut & Washer as standard or add 'X' as a prefix (X####) for without nuts and washers.

Length mm.	4mm Dia Part No.	5mm Dia Part No.	6mm Dia Part No.	8mm Dia Part No.	10mm Dia Part No.	12mm Dia Part No.
20	4420	4520	4620	4820		5220
25	4425	4525	4625	4825	5025	5225
30	4430	4530	4630	4830	5030	
35	4435	4535	4635	4835	5035	
40	4440	4540	4640	4840	5040	5240
50	4450	4550	4650	4850	5050	5250
60			4660	4860	5060	5260
65			4665		5066	
70			4670	4870	5070	5270
75				4875	5075	5275
80					5080	5280
100			4700	4900	5100	5210
150				4950		5215

SOCKET BUTTON MACHINE SCREWS

Made in A4 Stainless Steel

Length mm.	3mm Dia Part No.	4mm Dia Part No.	5mm Dia Part No.	6mm Dia Part No.	8mm Dia Part No.	10mm Dia Part No.
5	7380/0305					
6	7380/0306	7380/0406	7380/0506			
8	7380/0308	7380/0408	7380/0508	7380/0608		
10	7380/0310	7380/0410	7380/0510	7380/0610	7380/0810	7380/1016
12	7380/0312	7380/0412	7380/0512	7380/0612	7380/0812	
16	7380/0316	7380/0416	7380/0516	7380/0616	7380/0816	
20	7380/0320	7380/0420	7380/0520	7380/0620	7380/0820	7380/1020
25	7380/0325	7380/0425	7380/0525	7380/0625	7380/0825	7380/1025
30	7380/0330	7380/0430	7380/0530	7380/0630	7380/0830	
35		7380/0435	7380/0535	7380/0635	7380/0835	
40		7380/0440	7380/0540	7380/0640	7380/0840	
50			7380/0550	7380/0650	7380/0850	
55					7380/0855	
60				7380/0660	7380/0860	7380/1060
70					7380/0870	
80					7380/0880	



SOCKET CSK MACHINE SCREWS

Made in A4 Stainless Steel

Length mm.	5mm Dia Part No.	6mm Dia Part No.	8mm Dia Part No.	10mm Dia Part No.	12mm Dia Part No.
10		7991/0610			
12	7991/0512	7991/0612	7991/0812		
16		7991/0616	7991/0816	7991/1016	
20	7991/0520	7991/0620	7991/0820	7991/1020	7991/1220
25		7991/0625	7991/0825	7991/1025	7991/1225
30	7991/0530	7991/0630	7991/0830	7991/1030	7991/1230
35	7991/0535	7991/0635	7991/0835	7991/1035	7991/1235
40	7991/0540	7991/0640	7991/0840	7991/1040	7991/1240
45		7991/0645		7991/1045	
50	7991/0550	7991/0650	7991/0850	7991/1050	7991/1250
60	7991/0560	7991/0660	7991/0860	7991/1060	7991/1260
70		7991/0670	7991/0870	7991/1070	7991/1270
80		7991/0680	7991/0880	7991/1080	7991/1280
90		7991/0690	7991/0890	7991/1090	7991/1290
100		7991/06100	7991/08100	7991/10100	7991/12100

SOCKET CAP MACHINE SCREWS

Made in A4 Stainless Steel

Length mm.	4mm Dia Part No.	5mm Dia Part No.	6mm Dia Part No.	8mm Dia Part No.	10mm Dia Part No.	12mm Dia Part No.
6		912/0506				
10	912/0410	912/0510	912/0610			
12		912/0512	912/0612	912/0812		
16	912/0416	912/0516	912/0616	912/0816	912/1016	
20	912/0420	912/0520	912/0620	912/0820	912/1020	912/1220
25	912/0425	912/0525	912/0625	912/0825		912/1225
30	912/0430	912/0530	912/0630	912/0830	912/1030	
35		912/0535	912/0635	912/0835		
40	912/0440	912/0540	912/0640	912/0840	912/1040	
45		912/0545		912/0845		
50		912/0550	912/0650	912/0850	912/1050	
60			912/0660		912/1060	
70			912/0670			
75						
80			912/0680	912/0880		
100			912/06100	912/08100		
120				912/08120		
140				912/08140		

WASHERS

Made from A4 Stainless Steel



Hole Size mm	Plain Washers Part No.	Spring Washers Part No.	Penny Washers		32 mm O/D Penny Washers Part No.	Surface Screw cup Washers A2 S/S Part No. Screw Gauge	
3	1203	1203S				2296	No. 6
4	1204	1204S	1254	12		2298	No. 8
5	1205	1205S	1255 / 1255A	25	0255	2300	No. 10
6	1206	1206S	1256	25	0256	2301	No. 12
8	1208	1208S	1258	25	0257 / 0257S*		
10	1210	1210S	1260	35	0258		
12	1212	1212S	1262	35	0260		
14	1214						
16	1216	1216S					
20	1220	1220S					
24	1224	1224S	*1255A is 15mm O/D		*0257S is 2mm Thick		
27	1227						
30	1230						

NUTS

Made from A4 Stainless Steel



Metric Thread mm	Metric Full Nuts Right hand Thread Part No.	Metric Dome Nuts Right hand Thread Part No.	Metric Wing Nuts Right hand Thread Part No.	Metric Nyloc Nuts Right hand Thread Part No.
M3	1103			1403
M4	1104	1174		1404
M5	1105	1175	1145	1405
M6	1106	1176	1146	1406
M8	1108	1178	1148	1408
M10	1110	1180	1150	1410
M12	1112	1182	1152	1412
M14	1114			1414
M16	1116	1186		1416
M20	1120			1420
M24	1124			1424



Thread Ins	UNF Nuts Right or Left hand Thread (specify) Part No.	BSW Nuts Right hand Thread Part No.
1/4"	2703	1106BSW
5/16"	2704	1108BSW
3/8"	2705	1110BSW
7/16"	2706	
1/2"	2707	1112BSW
5/8"	2708	1116BSW
3/4"	2710	1120BSW
7/8"	2712	
1"	2714	1124BSW
1 1/8"	2716	
1 1/4"	2719	
1 3/8"	2722	

WINDOW SCREWS (INTERSCREWS)

Flat dome head interscrew. Made from Stainless Steel, with knurled body.

Part No.	Thread	Length (mm)	Head	S/S Grade
1506	M5	6	Plain	A4
1510	M5	10	Plain	A4

Slotted Raised Countersunk Interscrew. Made from A2 Stainless Steel

Part No.	Screw mm	Internal Length mm
1504	4	7
1505	5	9
1507	6	10
1508	8	15

STUDDING

Made in A4 Stainless Steel in 1 metre lengths.

Part No.	Thread Dia mm	Part No.	Thread Dia mm
2903	3	2912	12
2904	4	2914	14
2905	5	2916	16
2906	6	2920	20
2908	8	2924	24
2910	10	2930	30

NUT COVERS

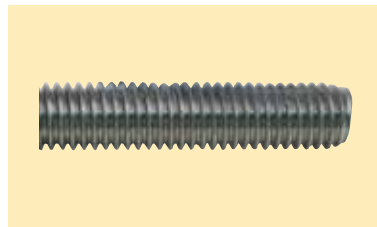
Made from black Nylon. Press fit over nut

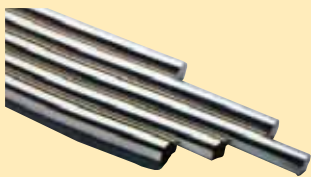
Part No.	Nut Size
1106C	M6
1108C	M8
1110C	M10

INTERNAL HAND KNOBS

Made from Nylon with a 316 Stainless Steel insert.

Part No.	Thread Size mm
0575	M5
0576	M6
0578	M8





STAINLESS STEEL ROD

Made from 316 Stainless Steel priced per metre comes in 3m legths

Part No.	Size mm	Part No.	Size mm
2954	4mm	2958	8mm
2955	5mm	2960	10mm
2956	6mm	2962	12mm



SPLIT RINGS

Part No.	Dia mm.	Material
0766	10	Stainless
0767	16	Stainless
0768	25	Stainless
0769	26.4	Stainless
MB 6425	25	Stainless



SPLIT PINS

Made from A2 Stainless Steel

Part No.	Dia x L (Ins)
2413	1/16" X 1/2"
2415	1/16 x 1
2414	3/32" X 1/2"
2421	3/32" X 3/4"
2434	3/32 x 1
2441	3/32" X 11/4"
2444	1/8" X 3/4"
2445	1/8 x 1
2447	1/8 x 1 1/2
2449	1/8 x 2
2451	1/8 x 2 1/2
2455	5/32" X 1"
2457	5/32 x 1 1/2
2461	5/32 x 2
2458	3/16 x 1 3/4
2459	1/4 x 2 1/2

SPLIT PIN SELECTION PACK

Split pin selection pack containing 50 pins in assorted sizes.
Made from A2 Stainless Steel

Part No. 2474

SPLIT RING SELECTION PACK

Split Ring selection pack containing assorted sizes.

Part No. 0770

BETA PINS (R CLIPS)

Made from A2 Stainless Steel.

Part No.	Bar mm	L mm	Fits over Bar Dia (A) mm	O2 mm
5970	2	48	8-12	15
5971	2.5	53	8-14	18
5972	3	60	10-15	21
5973	4	78	15-20	28
5973A	4.5	102	16-22	34
5974	5	103	20-25	34
5975	6	103	25-30	36



RAISED COUNTERSUNK MACHINE SCREWS

Made from A2 Stainless Steel. Supplied without nuts and washers, slotted or Pozi

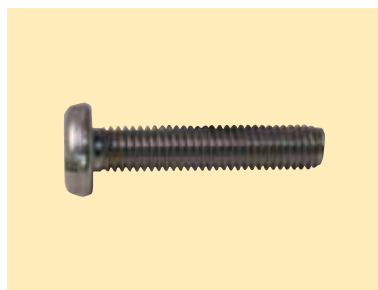
Part No. Slotted	Part No. Pozi	Thread	Length (mm)
1511	1511P	M5	10
1512	1512P	M5	12
1516	1516P	M5	16
1520	1520P	M5	20
1525	1525P	M5	25
1530	1530P	M5	30
1535	1535P	M5	35



PAN HEAD MACHINE SCREWS

Made from A4 Stainless Steel. Supplied without nuts and washers, slotted.

Part No.	Thread	Length (mm)
3508	M5	8
X3512	M5	12
3516	M5	16
3520	M5	20
3525	M5	25
3530	M5	30
X3535	M5	35



POP RIVETS

Made from A2 Stainless Steel

Part No.	Nominal Rivet Dia mm	Nominal Rivet Length mm	Max Riveting Thkns mm	Nominal Hole Size mm
3301	3.20	6	2.5	3.3
3302	3.20	8	4.80	3.3
3303	3.20	10	7.70	3.3
3304	3.20	12	9.50	3.3
3305A	4.00	6	2.50	4.1
3305	4.00	8	3.60	4.1
3306	4.00	10	6.60	4.1
3306A	4.00	12	8.00	4.1
3307	4.00	14	10.40	4.1
3309	4.80	8	3.30	4.9
3309A	4.8	10	6.60	4.9
3310	4.80	12	8.00	4.9
3310A	4.80	14	10.40	4.9
3311	4.80	16	13.70	4.9
3316	6.4	12	8.00	6.5
3317	6.4	15	12.5	6.5
3318	6.4	18	15.5	6.5



MONEL POP RIVETS

Part No.	Nominal Rivet Dia mm	Nominal Rivet Length mm	Max Riveting Thkns mm	Nominal Hole Size mm
SS-11-30	3.2	6	3	3.3
SS-11-31	3.2	9.5	7.2	3.3
SS-11-32	4.0	9.5	7.2	4.1
SS-11-33	4.8	9.5	7.2	4.9
SS-11-34	4.8	12	8	4.9
SS-11-36	4.8	19	16	4.9
SS-11-35	4.8	16	12	4.9
SS-11-37	6.4	12	8	6.5
SS-11-38	6.4	19	16	6.5





MONEL POP RIVET SELECTION BOX

Robust selection box filled with a selection of Monel Pop rivets, ideal for fixing fittings to aluminium masts etc.

Part No. 2472

POP RIVET TOOLS

High Quality Professional Rivet Tools

Part No. 3300

Professional rivet gun for 2.4 - 4.8mm Rivets (up to 4mm Stainless)

Part No. 3300B

Professional Rivet Gun for 2.4 - 4.8mm Rivets (up to 4mm Stainless).

Supplied in a metal box with a selection of Aluminium Rivets.

Part No. 3300T

Professional Lazy Tong Rivet Gun for all rivets from 2.4 to 4.8mm

NEW

FINELINE STAPLE TACKER

The ultimate light weight plastic big capacity ergonomic tacker, designed not just for comfort in your hand, but low effort - high power fixing with staples and brads. Ideal for general pinning jobs around the house and boat. Takes **TYPE 13** Staples 6mm long to 14mm long.

Part No. 3292

PROLINE STAPLE TACKER

Powerful, professional, quality recoilless staple tacker for the more demanding tacking, recoilless design ensures ease of use and long service life. Takes **TYPE 140** Staples 6mm long to 14mm long.

Part No. 3291

DESIGNLINE STAPLE TACKER

Heavy duty, professional, quality recoilless staple tacker for the more demanding tacking, recoilless design ensures ease of use and long service life. Takes **TYPE 140** Staples 6mm long to 14mm long and type 8 brads up to 16mm.

Part No. 3290

STAINLESS STEEL STAPLES

Stainless Steel staples for use with staple tackers. Type 13 staples are supplied in boxes of 2500. Type 140 staples are supplied in boxes of 2000.

Part No. 3289 Type 13 x 6mm Long

Part No. 3293 Type 13 x 8mm Long

Part No. 3295 Type 140 x 10mm Long

ROCOL CUTTING LUBRICANT

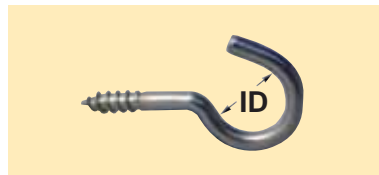
Rocol is an advanced cutting lubricant used in our production during the manufacture of Stainless Steel Products, Rocol reduces the friction allowing a faster drilling speed giving a much neater job. Rocol also reduces tool wear and is a must when drilling hard materials such as Stainless Steel.

Part No. 4305

CUP HOOKS

Made in A2 Stainless Steel

Part No.	Wire Dia	Overall length mm	Internal Dia (ID) mm
0540	4.3	50	17
0542	5.2	80	25



SCREW EYES

Made from A2 Stainless Steel

Part No.	Wire Dia	Overall length mm	Internal Dia of Eye mm
0550	3	30	8
0551	3.2	38	10



SCREW EYE

Made from 316 Stainless Steel

Part No.	Wire Dia	Overall length mm	Internal Dia of Eye mm
0552	4	40	11



HOSE CLIPS

Made from A2 Stainless Steel. All hose clips are 10mm wide.

Part No.	Dia mm	Part No.	Dia mm
9598	9.5-12	9606	50-70
9599	11-16	9607	60-80
9600	13-20	9608	80-100
9601	18-25	9609	90-120
9602	25-35	9610	110-140
9603	30-40	9611	130-160
9604	35-50	9612	150-180
9605	45-60	9613	170-200



UICK RELEASE PINS

Made from Stainless Steel

Working length mm	Part No. 5 mm	Part No. 6 mm	Part No. 8 mm	Part No. 9 mm
8	5701	5707		
20	5703	5709	5715	5721
34	5705	5711	5717	5723
45		5713	5719	5725
60				5727

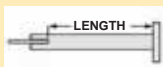
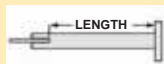
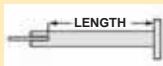
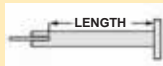


DROP NOSE PINS

Made from Stainless Steel, Size is Diameter x Overall Length

Part No.	Size mm	Part No.	Size mm
SSSCP620	6 x 20	SSSCP834	8 x 34
SSSCP626	6 x 26	SSSCP838	8 x 38
SSSCP631	6 x 31	SSSCP843	8 x 43
SSSCP656	6 x 56	SSSCP1035	10 x 35
SSSCP665	6 x 65	SSSCP1045	10 x 45
SSSCP828	8 x 28	SSSCP1055	10 x 55





DROP NOSE PINS

Made from Stainless Steel with an annular groove, Size is Diameter x Length

Part No.	Size mm	Part No.	Size mm
SS-36-05-15	5 x 15	5899	6 x 15
SS-36-05-20	5 x 20	SS-36-06-50	6 x 50
SS-36-05-25	5 x 25	SS-36-08-50	8 x 50
SS-36-05-30	5 x 30	SS-36-08-70	8 x 70
SS-36-05-40	5 x 40	SS-36-08-80	8 x 80
SS-36-05-45	5 x 45	SS-36-08-110	8 x 110
SS-36-05-50	5 x 50	SS-36-10-120	10 x 120

DROP NOSE PINS

Made from Aluminium, with a split ring at one end.

Part No.	Total Length mm	Working Length mm	Dia mm
5960	85	56	8
5961	120	90	8
5962	148	115	8

DROP NOSE PINS

Made in 316 Stainless Steel. High quality pins have a locking drop nose and an annular groove for wire or rope attachment. Locks in both open and closed positions.

Working length mm	Part No. 6 mm	Part No. 8 mm	Part No. 10 mm	Part No. 12 mm
20	5906	5907	5908	5957
25	5909	5910	5911	5912
30	5913	5914	5915	5916
35	5917	5918	5919	5920
40	5921	5922	5923	5924
50	5925	5926	5927	5928
60	5929	5930	5931	5932
70	5933	5934	5935	5936
80	5937	5938	5939	5940
90	5941	5942	5943	5944
100	5945	5946	5947	5948
110	5949	5950	5951	5952
120	5953	5954	5955	5956

LARGE HEAD DROP NOSE PINS

Made in 316 Stainless Steel. High quality pins have a locking drop nose and a large head with finger hole. Locks in both open and closed positions.

Working length mm	Part No. 6 mm	Part No. 8 mm	Part No. 10 mm	Part No. 12 mm
20	5906BH	5907BH	5908BH	5957BH
25	5909BH	5910BH	5911BH	5912BH
30	5913BH	5914BH	5915BH	5916BH
35	5917BH	5918BH	5919BH	5920BH
40	5921BH	5922BH	5923BH	5924BH
50	5925BH	5926BH	5927BH	5928BH
60	5929BH	5930BH	5931BH	5932BH
70	5933BH	5934BH	5935BH	5936BH
80	5937BH	5938BH	5939BH	5940BH
90	5941BH	5942BH	5943BH	5944BH
100	5945BH	5946BH	5947BH	5948BH
110	5949BH	5950BH	5951BH	5952BH
120	5953BH	5954BH	5955BH	5956BH

STAINLESS STEEL LINCH PINS

High quality pins have a fixing hole in the top for a lanyard, locks open or closed. Manufactured in Europe.

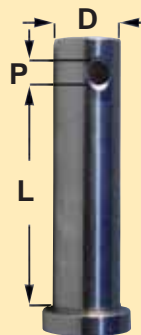
Part No.	Pin Dia mm	Working Dia mm	Fixing Hole mm
5981	4.5	25	2.7
5982	7.5	32	4
5983	10.5	32	4.5



CLEVIS PINS

Made from 316 Stainless Steel.

Part No.	D mm	L mm	P mm	Part No.	D mm	L mm	P mm
SS-34-00	4.75	10	2.0	5784	8	28	2.6
5751	4.75	12	2.0	5786	8	33	2.6
5752	4.75	16	2.0	5803	9.5	22	3.0
5753	4.75	20	2.0	5787	9.5	22.5	2.6
5754	4.75	25	2.0	SS-34-46	9.5	25.4	2.6
5755	4.75	28.6	2.0	SS-34-48	9.5	32	2.6
5756	4.75	35	2.0	5801	10	19	2.6
5757	5.9	15	2.0	5804	10	26	3.0
5761	6	11	2.0	5805	10	30	3.0
5762	6	16	2.0	5807	11	25.7	2.8
5763	6	21	2.0	SS-34-59	11	31.8	2.8
5764	6	25	2.0	5817	11.9	28.9	3.0
5765	6	32	2.0	5824	12	26	3.5
SS-34-11	6.35	18.5	2.0	5825	12	30	3.5
SS-34-16	6.35	35	2.0	5827	12.5	35.2	3.5
SS-34-17	6.35	44.5	2.0	SS-34-70	12.7	31.8	3.5
SS-34-18	6.35	49	2.0	5837	15.9	38.4	4.5
5767	7.9	18.4	2.2	5847	18.8	44.8	4.2
5785	7.9	30	2.2	5857	22	51.5	4.2
SS-34-27	7.9	32	2.2	5867	25.3	63.8	5.1
5782	8	17	2.6	5877	28.5	70.2	5.1
5783	8	20	2.6	5887	31.8	76.5	6.5
5783A	8	25	2.6	5897	34.8	82.8	6.5



PRE-PACK PO I PAN SELF TAPPERS

Pre-packed pozi pan self tapping screws. Made from A4 Stainless Steel.

Part No.	Metric Size mm	Imperial Size	Pack Size	Part No.	Metric Size mm	Imperial Size	Pack Size
P1-0855	2.9 x 9.5	4 x 3/8"	20	P1-0954	4.2 x 25	8 x 1"	10
P1-0862	2.9 x 13	4 x 1/2"	20	P1-0961	4.2 x 32	8 x 1 1/4"	10
P1-0879	2.9 x 16	4 x 5/8"	20	P1-0978	4.8 x 13	10 x 1/2"	10
P1-0886	3.5 x 13	6 x 1/2"	15	P1-0985	4.8 x 19	10 x 3/4"	10
P1-0893	3.5 x 16	6 x 5/8"	12	P1-0992	4.8 x 25	10 x 1"	10
P1-0909	3.5 x 19	6 x 3/4"	12	P1-1005	4.8 x 32	10 x 1 1/4"	6
P1-0916	3.5 x 25	6 x 1"	12	P1-1012	5.5 x 16	12 x 5/8"	6
P1-0923	4.2 x 13	8 x 1/2"	12	P1-1029	5.5 x 25	12 x 1"	6
P1-0930	4.2 x 16	8 x 5/8"	12	P1-1036	5.5 x 32	12 x 1 1/4"	6
P1-0947	4.2 x 19	8 x 3/4"	12	P1-1043	5.5 x 38	12 x 1 1/2"	6



PRE-PACK PO I CSK SELF TAPPERS

Pre-packed pozi countersunk self tapping screws. Made from A4 Stainless Steel.

Part No.	Metric Size mm	Imperial Size	Pack Size	Part No.	Metric Size mm	Imperial Size	Pack Size
P1-1050	2.9 x 9.5	4 x 3/8"	20	P1-1159	4.2 x 25	8 x 1"	10
P1-1067	2.9 x 13	4 x 1/2"	20	P1-1166	4.2 x 32	8 x 1 1/4"	10
P1-1074	2.9 x 16	4 x 5/8"	20	P1-1173	4.8 x 13	10 x 1/2"	10
P1-1081	3.5 x 13	6 x 1/2"	15	P1-1180	4.8 x 19	10 x 3/4"	10
P1-1098	3.5 x 16	6 x 5/8"	12	P1-1197	4.8 x 25	10 x 1"	10
P1-1104	3.5 x 19	6 x 3/4"	12	P1-1203	4.8 x 32	10 x 1 1/4"	6
P1-1111	3.5 x 25	6 x 1"	12	P1-1210	5.5 x 16	12 x 5/8"	6
P1-1128	4.2 x 13	8 x 1/2"	12	P1-1227	5.5 x 25	12 x 1"	6
P1-1135	4.2 x 16	8 x 5/8"	12	P1-1234	5.5 x 32	12 x 1 1/4"	6
P1-1142	4.2 x 19	8 x 3/4"	12	P1-1241	5.5 x 38	12 x 1 1/2"	6

PRE-PACK PO I RSD CSK SELF TAPPERS

Pre-packed pozi raised countersunk self tapping screws. Made from A4 Stainless Steel.

Part No.	Metric Size mm	Imperial Size	Pack Size	Part No.	Metric Size mm	Imperial Size	Pack Size
P1-1258	2.9 x 9.5	4 x 3/8"	20	P1-1357	4.2 x 25	8 x 1"	10
P1-1265	2.9 x 13	4 x 1/2"	20	P1-1364	4.2 x 32	8 x 1 1/4"	10
P1-1272	2.9 x 16	4 x 5/8"	20	P1-1371	4.8 x 13	10 x 1/2"	10
P1-1289	3.5 x 13	6 x 1/2"	15	P1-1388	4.8 x 19	10 x 3/4"	10
P1-1296	3.5 x 16	6 x 5/8"	12	P1-1395	4.8 x 25	10 x 1"	10
P1-1302	3.5 x 19	6 x 3/4"	12	P1-1401	4.8 x 32	10 x 1 1/4"	6
P1-1319	3.5 x 25	6 x 1"	12	P1-1418	5.5 x 16	12 x 5/8"	6
P1-1326	4.2 x 13	8 x 1/2"	12	P1-1425	5.5 x 25	12 x 1"	6
P1-1333	4.2 x 16	8 x 5/8"	12	P1-1432	5.5 x 32	12 x 1 1/4"	6
P1-1340	4.2 x 19	8 x 3/4"	12	P1-1449	5.5 x 38	12 x 1 1/2"	6

PRE-PACK SPLIT PINS

Pre-packed split pins made from A4 Stainless Steel.

Part No.	Size mm	Pack Size
P1-2439	2 x 20	12
P1-2446	2.5 x 20	10
P1-2453	3.2 x 25	8
P1-2460	3.2 x 40	6
P1-2477	3.2 x 50	4

PRE-PACK BRON E WOOD SCREW

Pre-packed slotted countersunk bronze wood screw.

Part No.	Size mm	Pack Size
P1-2255	3 x 20	8
P4-2262	4 x 40	6
P3-2279	5 x 50	4
P3-2286	6 x 60	2

PRE-PACK PO I CSK HINGE SCREW

Pre-packed pozi countersunk hinge screw with small heads, ideal for use with piano hinge. Made from A4 stainless steel.

Part No.	Size mm	Pack Size
P2-1920	3 x 12	10
P2-1937	3 x 16	10
P2-1944	3 x 20	10

PRE-PACK STAINLESS WOOD SCREW

Pre-packed slotted countersunk A4 stainless steel wood screw.

Part No.	Size mm	Pack Size	Part No.	Size mm	Pack Size
P4-1692	3 x 12	10	P4-1777	4 x 50	6
P4-1708	3 x 16	10	P4-1784	5 x 30	4
P4-1715	3 x 20	10	P4-1791	5 x 40	4
P4-1722	3 x 25	8	P2-1807	5 x 50	4
P4-1739	3 x 30	8	P2-1814	5 x 60	4
P4-1746	4 x 20	8	P2-1821	6 x 60	2
P4-1753	4 x 30	6	P2-1838	6 x 70	2
P4-1760	4 x 40	6			

PRE-PACK RSD CSK WOOD SCREW

Pre-packed slotted raised countersunk wood screws.. Made from A4 Stainless Steel.

Part No.	Size mm	Pack Size	Part No.	Size mm	Pack Size
P4-1524	2.5 x 12	10	P4-1616	4 x 40	6
P4-1531	2.5 x 16	10	P4-1623	4 x 50	4
P4-1548	3 x 12	10	P4-1630	5 x 30	4
P4-1555	3 x 16	10	P4-1647	5 x 40	4
P4-1562	3 x 20	10	P4-1654	5 x 50	4
P4-1579	3 x 25	8	P4-1661	5 x 60	4
P4-1586	3 x 30	8	P4-1678	6 x 60	2
P4-1593	4 x 20	8	P4-1685	6 x 70	2
P4-1609	4 x 30	6			

PRE-PACK PO I CHIPBOARD SCREW

Pre-packed pozi countersunk chipboard screw. Made from A4 stainless steel.

Part No.	Size mm	Pack Size
P2-1845	3 x 20	10
P2-1852	3 x 30	8
P2-1869	4 x 30	8
P2-1876	4 x 40	6
P2-1883	5 x 40	4
P2-1890	5 x 50	4
P2-1906	5 x 60	2

PRE-PACK HEXAGON WOOD SCREW (COACH SCREW)

Pre-packed hexagon wood screws (coach screws) Made from A4 stainless steel.

Part No.	Size mm	Pack Size
P2-1456	6 x 50	4
P2-1463	6 x 60	4
P2-1470	6 x 70	2
P2-1487	6 x 80	2
P2-1494	8 x 60	2
P2-1500	8 x 70	2
P2-1517	8 x 80	2





PRE-PACK TORX CSK

Pre-packed torx countersunk wood screw. Made from A2 stainless steel.

Part No. P2-1913



PRE-PACK WASHERS

Pre-packed washers. Made from A4 stainless steel.

Part No.	Size mm	Pack Size
P4-1951	3.2	20
P4-1968	4.3	20
P4-1975	5.3	20
P4-1982	6.4	20
P4-1999	8.4	20



PRE-PACK LARGE WASHERS

Pre-packed large pattern washers. Made from A4 stainless steel.

Part No.	Size mm	Pack Size
P2-2101	3.2	20
P2-2118	4.3	20
P2-2125	5.3	20
P2-2132	6.4	20
P2-2149	8.4	10



PRE-PACK SPRING WASHERS

Pre-packed spring washers. Made from A4 stainless steel.

Part No.	Size mm	Pack Size
P2-2057	3	20
P2-2064	4	20
P2-2071	5	20
P2-2088	6	20
P2-2095	8	20



PRE-PACK TURNED SCREW CUP WASHERS

Pre-packed solid turned screw cup washers for high load applications in A4 stainless steel.

Part No.	Size	Pack Size
P2-2347	M3	5
P2-2354	M4	4
P2-2361	M5	4
P2-2378	M6	3
P2-2385	M8	2



PRE-PACK COPPER BOAT NAILS

Pre-packed Copper boat nails with washer. Made from Copper

Part No.	Size mm	Pack Size
P2-2583	2 x 25	20
P2-2590	2.7 x 32	10
P2-2606	3.2 x 38	6
P2-2613	4 x 70	3

PRE-PACK FULL NUTS

Pre-packed full Nuts. Made from A4 stainless steel.

Part No.	Size	Pack Size
P3-2293	M3	15
P3-2309	M4	15
P3-2316	M5	15
P3-2323	M6	10
P3-2330	M8	5
P3-2337	M10	5

PRE-PACK NYLOC NUTS

Pre-packed nyloc Nuts. Made from A4 stainless steel.

Part No.	Size	Pack Size
P4-2002	M3	6
P4-2019	M4	6
P4-2026	M5	6
P4-2033	M6	4
P4-2040	M8	4
P4-2047	M10	4

PRE-PACK WING NUTS

Pre-packed Wing Nuts. Made from A4 stainless steel.

Part No.	Size	Pack Size
P2-2156	M3	4
P2-2163	M4	4
P2-2170	M5	4
P2-2187	M6	2
P2-2194	M8	2
P2-2195	M10	2

PRE-PACK DOME NUTS

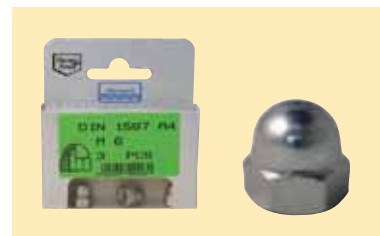
Pre-packed Dome Nuts. Made from A4 stainless steel.

Part No.	Size mm	Pack Size
P2-2200	M3	4
P2-2217	M4	4
P2-2224	M5	4
P2-2231	M6	3
P2-2248	M8	3

PRE-PACK WINDOW SCREWS

Pre-packed slotted raised countersunk window screws (interscrews) in A2 stainless steel.

Part No.	Size mm	Pack Size
P2-2392	M4	4
P2-2408	M5	4
P2-2415	M6	3
P2-4952	M8	2





PRE-PACK MONEL POP RIVETS

Pre-packed Monel Pop rivets. Made from A2 stainless steel.

Part No.	Size mm	Pack Size
P2-2552	3.2 x 10.2	5
P2-2569	4 x 11.4	4
P2-2576	4.8 x 19	2



PRE-PACK STAINLESS POP RIVETS

Pre-packed Stainless Steel Pop rivets. Made from A2 stainless steel.

Part No.	Size mm	Pack Size
P2-2484	3 x 12	5
P2-2491	4 x 16	4
P2-2507	4 x 18	4
P2-2514	5 x 20	2
P2-2521	5 x 25	2
P2-2538	6.4 x 20	1
P2-2545	6.4 x 25	1



PRE-PACK CHEESE HEAD MACHINE SCREW

Pre-packed slotted cheese head machine screw c/w nuts. Made from A4 Stainless Steel.

Part No.	Size mm	Pack Size	Part No.	Size mm	Pack Size
P3-0015	3 x 10	10	P3-0107	5 x 40	4
P3-0022	3 x 16	10	P3-0114	5 x 50	4
P3-0039	3 x 20	8	P3-0121	6 x 20	4
P3-0046	4 x 16	8	P3-0138	6 x 30	4
P3-0053	4 x 20	8	P3-0145	6 x 40	4
P3-0060	4 x 30	6	P3-0152	6 x 60	4
P3-0077	4 x 40	6	P3-0169	8 x 60	2
P3-0084	5 x 20	6	P3-0176	8 x 80	2
P3-0091	5 x 30	6	P3-0183	8 x 100	2



PRE-PACK CSK MACHINE SCREW

Pre-packed slotted countersunk machine screws c/w nuts. Made from A4 Stainless Steel.

Part No.	Size mm	Pack Size	Part No.	Size mm	Pack Size
P3-0190	3 x 10	10	P3-0299	5 x 40	4
P3-0206	3 x 16	10	P3-0305	5 x 50	4
P3-0213	3 x 20	8	P3-0312	6 x 20	4
P3-0220	4 x 16	8	P3-0329	6 x 30	4
P3-0237	4 x 20	8	P3-0336	6 x 40	4
P3-0244	4 x 30	6	P3-0343	6 x 50	4
P3-0251	4 x 40	6	P3-0350	6 x 60	4
P3-0268	5 x 16	6	P3-0367	8 x 60	2
P3-0275	5 x 20	6	P3-0374	8 x 80	2
P3-0282	5 x 30	6	P3-0381	8 x 100	2

PRE-PACK RSD CSK MACHINE SCREW

Pre-packed slotted raised countersunk machine screws c/w nuts. Made from A4 Stainless Steel.

Part No.	Size mm	Part No.	Size mm
P3-0398	3 x 10	P3-0497	5 x 40
P3-0404	3 x 16	P3-0503	5 x 50
P3-0411	3 x 20	P3-0510	6 x 20
P3-0428	4 x 16	P3-0527	6 x 30
P3-0435	4 x 20	P3-0534	6 x 40
P3-0442	4 x 30	P3-0541	6 x 50
P3-0459	4 x 40	P3-0558	6 x 60
P3-0466	5 x 16	P3-0565	8 x 60
P3-0473	5 x 20	P3-0572	8 x 80
P3-0480	5 x 30	P3-0589	8 x 100



PRE-PACK HEX SET SCREW

Pre-packed hexagon set screws c/w nuts. Made from A4 Stainless Steel.

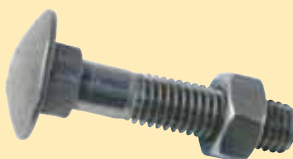
Part No.	Size mm	Part No.	Size mm
P4-0596	5 x 16	P4-0688	6 x 40
P4-0602	5 x 20	P4-0695	6 x 60
P4-0619	5 x 25	P4-0701	8 x 30
P4-0626	5 x 30	P4-0718	8 x 40
P4-0633	5 x 40	P4-0725	8 x 50
P4-0640	5 x 50	P4-0732	8 x 60
P4-0657	6 x 20	P4-0749	8 x 80
P4-0664	6 x 25	P4-0756	8 x 100
P4-0671	6 x 30		



PRE-PACK MUSHROOM HEAD SCREW (COACH BOLT)

Pre-packed Stainless Steel mushroom head screw. Made from A4 stainless steel.

Part No.	Size mm
P4-0763	6 x 25
P4-0770	6 x 30
P4-0787	6 x 40
P4-0794	6 x 50
P4-0800	6 x 60
P4-0817	8 x 40
P4-0824	8 x 60
P4-0831	8 x 70
P4-0848	8 x 80



STAINLESS STEEL RANGE

All fittings in the all stainless range are compatible.

All Stainless fittings are not compatible with standard range or heavy duty canopy fittings.



STAINLESS DECK FITTINGS

Deck fitting with straight or angled clamp complete with white Nylon deck shoe.

Part No. 0886 Standard

Part No. 0886A Angled 45 Deg



SHOE

Replacement white Nylon deck shoe.

Part No. 0886P



TUBE SHOE

Nylon tube shoe to allow universal deck fittings 0886 and 0886A to be mounted to 25mm (1") tube. Complete with 2 threaded tube inserts.

Part No. 0886C



HEAVY DUTY DECK FITTINGS

Made from 316 Stainless Steel, with countersunk fixing holes. Supplied with Nylon deck shoe.

Part No.	Description	Screw Holes	Pin Type
0995	Fold Flush Fitting	3	Screw
0995Q	Quick Release Flush Fitting	3	Q/R
0996	Heavy Duty Deck Fitting	4	Screw
0996Q	Quick Release H/D Fitting	4	QR



SPLIT CLAMPS

Made from 316 Stainless Steel quick and easy to use, simply place two halves on tube and slide together fasten screws to clamp on to tube. End plug fixing available with standard screw fixing or quick release pin for easy removal of end plugs.

To fit tube OD		STANDARD	QUICK RELEASE
mm	ins	Part No.	Part No.
25	1"	0990	0990Q
32	1 1/4"	4160	4160Q
38	1 1/2"	4161	4161Q
44	1 3/4"	4162	4162Q
50	2"	4163	4163Q
76	3"	4164	



STAINLESS END PLUGS

Made from 316 Stainless Steel. Superior design to external end plugs because it dispenses with the grub screw which does not always tighten effectively and can damage the tube. Cloth can be assembled onto the frame or clamps can be replaced without removing the end plug.

Part No.	Outside Dia		inside Dia		Wall Thickness	
	mm	ins	mm	ins	mm	swg
0887	19	3/4	15.9	5/8	1.6	16
0887A	19	3/4	16.7		1.2	18
0888	22	7/8	19.8		1.2	18
0889	25	1	22		1.6	16

ADJUSTABLE INTERNAL END PLUGS

Made from 316 Stainless Steel. Comes with Part No. 0972 adjusting extension as standard. Unique Patented adjustment allows for easy installation. Use with end plug extensions to adjust the frame length.

Available in either Right or Left hand thread - Right as standard.

Part No.	Outside Dia mm	ins	Inside Dia mm	Wall Thickness mm	swg	Length L mm
9382	19	3/4	15.9	1.6	16	23-33
9382A	19	3/4	16.7	1.2	18	23-33
9384	22	7/8	19.8	1.2	18	23-33
9386	25.4	1	22.2	1.6	16	23-33
9388	32	1 1/4	28.5	1.6	16	23-33

Stainless Range



ADJUSTABLE EXTERNAL END PLUGS

Made from 316 Stainless Steel. Comes with Part No. 0972 adjusting extension as standard. Complete with hole for rivet or self tapping screw. Use with end plug extensions to adjust the frame length.

Available in either Right or Left hand thread - Right as standard.

Part No.	Outside Dia mm	ins	Length L mm
9392	19	3/4	23-33
9394	22	7/8	23-33
9396	25	1	23-33
9398	32	1 1/4"	23-33

Stainless Range



ADJUSTABLE END PLUG EXTENSIONS

Made in 316 Stainless steel. Use with adjusting end plugs to create the perfect canopy, can be used to tighten the canopy or to fill the gap if tube is cut too short.

Available in either Right or Left hand thread - Right as standard.

Part No.	Min mm	Length (L) ins	Max Length (L) mm	ins
0972	23	0.9	33	1.3
0973	33	1.3	43	1.7
0974	43	1.7	53	2.1

Stainless Range



CLAMPS

Made in 316 Stainless Steel suitable for the all Stainless and Cast ranges.

Part No.	Outside Dia mm	ins
0991	19	3/4"
0992	22	7/8"
0993	25	1"
0994	32	1 1/4"

Stainless Range



HAND CLAMPS

Comprises of clamp and hand knob to provide quick release of canopy.

Part No.	To fit Tube o/d mm	ins
0893	19	3/4
0894	22	7/8
0895	25	1

Stainless Range



HAND KNOB

M6 hand knob for all Stainless range, use to make quick release canopy.

Part No. 0608AS

Stainless Range





Stainless Range

DOUBLE TAKE OFF CLAMP

Made from 316 Stainless Steel to create more complicated structures. Can be attached to existing structures such as pulpits etc.

Part No.	To fit Tube o/d mm	ins
9335	19	3/4
9336	22	7/8
9337	25	1



End plugs not included

Stainless Range

TERMINAL FITTINGS

Made from 316 Stainless Steel With Nylon trim. Attaches to the grab rail with an end plug and clamps on to the frame using two clamping screws. Fits both internal and external end plugs. Sold in Handed Pairs.

Part No.	Tube Size mm	Tube Size Ins
0877	19	3/4"
0878	22	7/8"
0879	25	1"



Stainless Range

STAND OFF FITTINGS

Made from 316 Stainless Steel. Fixes to the existing frame and clamps to the grab rail. Fits around the cloth so no cutting is necessary. For use with all Stainless and Standard range of canopy fittings.

Part No.	Sizes mm	Sizes Ins
6551S	19 - 19	3/4" - 3/4"
6554S	22 - 22	7/8" - 7/8"
6555S	25 - 25	1" - 1"



Stainless Range

UNIVERSAL S/S DECK FITTING

Made from Cast Stainless Steel for use with the "all stainless" and "cast" ranges of canopy fittings.

Part No. 0997 Screw pin
Part No. 1036 Quick Release Pin



Stainless Range

STAINLESS STEEL DECK FITTING

Made from Cast Stainless Steel for use with the "all stainless" and "cast" ranges of canopy fittings.

Part No. 1017 Screw pin
Part No. 1018 Quick Release Pin
Part No. DEC992 Curved base weld on without pin.



Stainless Range

ANGLED S/S DECK FITTING

Made from Cast Stainless Steel for use with the "all stainless" and "cast" ranges of canopy fittings.

Part No. 1019 Screw pin
Part No. 1020 Quick Release Pin



Stainless Range

RAIL MOUNT S/S DECK FITTING

Made from Cast Stainless Steel for use with the "all stainless" and "cast" ranges of canopy fittings.

Part No. 1021 Screw pin
Part No. 1022 Quick Release Pin

SIDE MOUNT S/S DECK FITTING

Made from Cast Stainless Steel for use with the "all stainless" and "cast" ranges of canopy fittings.

Part No. 1016 Screw pin



QUICK RELEASE S/S DECK FITTING

Low profile quick release deck fitting, simply slide button back to release the fitting leaving the smooth low profile base. This modern design also benefits from being one of the only fittings that has no pin to lose when removing your canopy frame. Made from Cast Stainless Steel for use with the "all stainless" and "cast" ranges of canopy fittings.

Part No. 4954



Q/R SWIVEL BALL MOUNT FITTING

Can operate 30° sideways and 190° forward and backwards, by pulling the tethered pin you can release the whole unit from the base fitting leaving just the small mounting plate. Made from Cast Stainless Steel for use with the "all stainless" and "cast" ranges of canopy fittings.

Part No. 1027 7/8" Tube

Part No. 1028 1" Tube



RAIL MOUNT SWIVEL BALL FITTING

Can operate 30° sideways and 190° forward and backwards. Made from Cast Stainless Steel for use with the "all stainless" and "cast" ranges of canopy fittings.

Part No. 1029 7/8" Tube

Part No. 1030 1" Tube



SIDE FIXING QUICK RELEASE FITTING

Swivels full 360° and releases at the touch of a button for fast and easy removal. Made from Cast Stainless Steel for use with the "all stainless" and "cast" ranges of canopy fittings.

Part No. 4955 7/8" Tube

Part No. 4956 1" Tube



CAST END CAPS

Made from cast Stainless Steel, comes complete with grub screw fixing. For use with the all Stainless range of canopy fittings.

Part No.	Size
0981	19mm - 3/4"
0982	22mm - 7/8"
0980	25mm
0983	25.4mm - 1"
0983A	30mm
0984	32mm - 1 1/4"



CAST CANOPY CLAMPS

Made from cast Stainless Steel, comes complete with grub screw fixing. For use with the all Stainless range of canopy fittings.

Part No.	Size
0987	19mm - 3/4"
0988	22mm - 7/8"
0989	25.4mm - 1"
0988A	30mm
0998	32mm - 1 1/4"





Stainless *Range*

HINGED CANOPY CLAMPS

Made from cast Stainless Steel available with either screw fitting or a Quick Release pull pin for fast removal of the canopy frame leaving the clamp on the rail for easy re-fitting. For use with the all Stainless range of canopy fittings.

Part No.	Size	Pin Type
0985	22mm - 7/8"	Screw
0986	25.4mm - 1"	Screw
1032	32mm - 1 11/4"	Screw
0985P	22mm - 7/8"	Q/R Pin
0986P	25.4mm - 1"	Q/R Pin
1032P	32mm - 1 11/4"	Q/R Pin

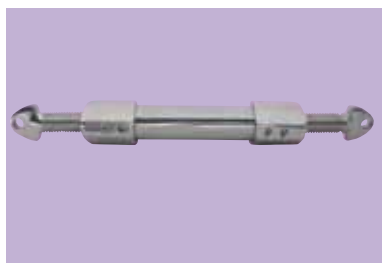


Stainless *Range*

CAST TUBE HINGE

Made from cast Stainless Steel. Available with or without a locking pin

Part No.	Size	Locking Pin
1033	22mm - 7/8"	No
1034	25.4mm - 1"	No
1033P	22mm - 7/8"	Yes
1034P	25.4mm - 1"	Yes

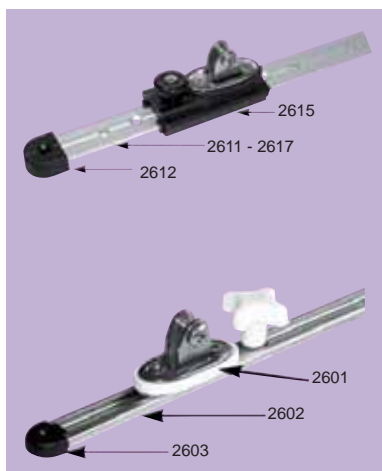


Stainless *Range*

CAST TUBE EXTENDERS

Made from cast Stainless Steel. Available for 7/8" and 1" Tube designed for tightening canvas on bimini tops but has many other uses. Simply twist the tube to either extend or reduce the length of the tube. Each end extends 37mm (1 1/2") giving a total adjustment of 74mm (3")

Part No.	Size
1048	22mm - 7/8"
1049	25.4mm - 1"



Stainless *Range*

TRACK SYSTEMS

Market leading Barton track and slider. The all Stainless universal deck fitting is pre assembled onto the car. Car and track made from anodised Aluminium. Universal deck fitting assembled on a low friction slider made from Nylon. 304 Stainless Steel track Max length 3.68m (12').

Part No.	Description	Style
2611	25mm Barton Track 1.2m (4ft)	Barton
2617	25mm Barton Track 1.8m (6ft)	Barton
2612	25mm Black plastic end stop	Barton
2615	25mm car & universal deck fitting	Barton
2615A	25mm car & Angled deck fitting	Barton
2615Q	25mm car & Q/R deck fitting	Barton
2601	Slide unit and deck fitting	Stainless
2601A	Angled Slide unit and deck fitting	Stainless
2602	Stainless Track sold per metre	Stainless
2603	Black plastic end stop	Stainless

STAINLESS SLEEK TRACK

New revolutionary Sleek Track is a unique and innovative all stainless steel track system that can be operated by hand or foot. This new Makefast system offers ultra low profile 25mm wide track with a unique positive locking system. This track is a 2 part system with the locking base and high polish cover that conceals the fixing screws. Fixing holes are 5mm and 75mm centres.

Part No.	Size
3360/L1.2	1.2m Length S/S Track
3360/L1.8	1.8m Length S/S Track
3360/L3.0	3m Length S/S Track
3364	Track end cover

Stainless Fittings



NEW UNIVERSAL SLEEK TRACK CAR

The all new universal Sleek Track Car is made from 316 Stainless Steel, this elegant new design features a lift up locking device that engages with 4 holes on the track and can be left unlocked for single handed operation. Available either straight or angled for side mounted applications.

Stainless Fittings



Part No. 3380 Straight

Part No. 3381 Angled

SLEEK TRACK CARS

Stainless Steel track cars to suite the Makefast Sleek Track. Press and slide action, release to lock.

All Stainless Steel Track Car with Makefast Universal Deck Fitting.

Part No. 3361 Straight

Part No. 3361A Angled

All Stainless Steel Track Car with Baseline 0335 Forged Stainless Steel Deck Eye.

Part No. 3362

All Stainless Steel Track Car with 0997 Cast Stainless Steel Universal Deck Fitting.

Part No. 3365

All Stainless Steel Track Car with Cast Stainless Steel fixed deck fitting.

Part No. 3366

All Stainless Steel Track Car with Cast Stainless Steel side mount deck fitting.

Part No. 3367

All Stainless Steel Track Car with Cast Stainless Steel low profile quick release deck fitting.

Part No. 3368

All Stainless Steel Track Set Stop

Part No. 3363





SLEEK TRACK CAR

All Stainless Steel Track Car with Cast Stainless Steel quick release universal joint for 25mm (1") Tube.

Part No. 3369



8338, 8363

8337, 8367A

RAIL BASES

Made from cast 316 Stainless Steel

Part No.	Description	Fixing Holes
8337	22mm Base Fitting	4 X 5mm
8338	22mm 60 deg Base Fitting	4 X 5mm
8367	25.4mm Base Fitting	2 X 6mm
8367A	25mm Base Fitting	4 X 6mm
8363	25.4mm 60 deg Base Fitting	4 X 6mm



8835, 8359

8836, 8368

ROUND RAIL BASES

Made from cast 316 Stainless Steel

Part No.	Description
8335	22mm Round Base Fitting
8336	22mm 60 deg Round Base Fitting
8359	25.4mm Round Base Fitting
8368	25.4mm 60 deg Round Base Fitting



ELBOW FITTINGS

Made from cast 316 Stainless Steel
90 deg Elbow Fitting

Part No. 8365 for 22mm Tube

Part No. 8360 for 25mm Tube



8366, 8361

8341L/R, 8364L/R

T FITTINGS

Made from cast 316 Stainless Steel

Part No.	Description
8366	22mm 90 deg T Fitting
8361	25mm 90 deg T Fitting
8341R	22mm 60 deg Right Hand T Fitting
8341L	22mm 60 deg Left Hand T Fitting
8364R	25mm 60 deg Right Hand T Fitting
8364L	25mm 60 deg Left Hand T Fitting



HINGED T FITTINGS

Made from cast 316 Stainless Steel. for easy fitting to existing rails.

Part No. 8340 for 22mm Tube

Part No. 8358 for 25mm Tube



3 WAY CORNER FITTING

Made from cast 316 Stainless Steel

Part No. 8342 for 22mm Tube

Part No. 8362 for 25mm Tube



4 WAY FITTING

Made from cast 316 Stainless Steel

Part No. 8387 for 25mm Tube

RAIL FITTINGS

Made from cast 316 Stainless Steel

Part No.	Description
8371	7/8" (22mm) Rail End
8369	1" (25.4mm) Rail End
8370	1" (25.4mm) Rail Centre



STANDARD RANGE OF CANOPY FITTINGS

Standard canopy fittings comprise of a Stainless Steel plate covered with a nylon moulding. The Stainless range of canopy fittings and the Standard range of canopy fittings are NOT compatible due to the All Stainless range having thicker tabs and smaller holes.

END PLUGS

Made from 316 Stainless Steel and Nylon. Small hole provided in the Nylon body for screwing or riveting the end plug to the tube.

Standard Range

Part No.	Outside Dia mm	ins	Inside Dia mm	Wall Thickness mm	swg
0591	18		13	2.5	12
0601	19	3/4	15.9	1.6	16
0601A	19	3/4	16.7	1.2	18
0611	22	7/8	19.8	1.2	18
0621	25	1	21	2.0	14



ADJUSTABLE INTERNAL END PLUGS

Made from 316 Stainless Steel and Nylon. Supplied with Part No. M0962 as standard. Can be used to stretch cloth tight or if a frame has been cut just too short. Adjuster can be substituted for an M6 bolt to attach to deck or bulkhead.

Standard Range

Part No.	Outside Dia mm	ins	Inside Dia mm	Wall Thickness mm	swg	Length L mm
T0601	19	3/4	15.9	1.6	16	23-33
T0601A	19	3/4	16.7	1.2	18	23-33
T0611	22	7/8	19.8	1.2	18	23-33

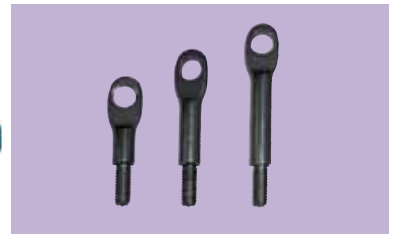


ADJUSTABLE END PLUG EXTENSIONS

Made from 316 Stainless Steel will fit all standard range adjusting end plugs.

Part No.	Min Length (L) mm	ins	Max Length (L) mm	ins
M0962	23	0.9	33	1.3
M0963	33	1.3	43	1.7
M0964	43	1.7	53	2.1

Standard Range



CLAMPS

Made from 316 Stainless Steel. These clamps are only suitable for the standard canopy range.

Part No.	To fit Tube outside Dia mm	ins
0592	18	
0602	19	3/4
0602B	20	
0612	22	7/8
0622	25	1

Standard Range



STANDARD DECK FITTING

Made from 316 Stainless Steel and Nylon to provide the original versatile deck fitting that can have tube taken off at any angle.

Standard Range

Part No. 0603



**Standard Range****HAND CLAMPS**

Made from 316 Stainless Steel and Nylon. Use where easy adjustment is required.

Part No.	To fit Tube o/d	
	mm	ins
0607	19	3/4
0614	22	7/8
0624	25	1

**Standard Range****STAND OFF FITTINGS**

Made from 316 Stainless Steel with Nylon trim. Fixes to the existing frame and clamps to the grab rail. Fits around the cloth so no cutting is necessary.

Part No	Sizes mm	Sizes ins
	mm	ins
6551	19 - 19	3/4" - 3/4"
6552	22 - 19	7/8" - 3/4"
6553	25 - 19	1" - 3/4"
6554	22 - 22	7/8" - 7/8"
6557	22 - 25	7/8" - 1"
6558	25 - 22	1" - 7/8"
6555	25 - 25	1" - 1"

**Standard Range****TERMINAL FITTINGS**

Made from 316 Stainless Steel with a Nylon trim. Attaches to grab rail with an end plug and to the exposed part of the frame by clamping the screws. Sold in handed pairs.

Part No	Tube Size mm	Tube Size Ins
	mm	ins
6548	19	3/4"
6549	22	7/8"
6550	25	1"

**Standard Range****DOUBLE TAKE OFF CLAMPS**

Made from 316 Stainless Steel, can be assembled on to existing frames without removal. Makes more complex structures possible.

Part No.	To fit Tube o/d	
	mm	ins
0615	19	3/4
0616	22	7/8
0617	25	1

**Standard Range****DEMOUNTABLE CANOPY RELEASE**

Made from 316 Stainless Steel. Can only be used with the standard range of canopy fittings. When used with end plugs and hand knob (0608) creates a quick release canopy release. Allows a canopy to be side mounted.

Part No. 0590 Flat base
Part No. 0590C Curved base

**Standard Range****KEYHOLE PLATES**

Made from 316 Stainless Steel. Allows a canopy to be mounted on a side bulkhead. Much quicker to release the canopy, simply release the tension in the canopy lift the frame and guide the keyhole end plug off the fitting for stowage.

Part No. 0625 Flat base
Part No. 0625C Curved base

KEYHOLE END PLUGS

Made from 316 Stainless Steel and Nylon.
Designed for use with keyhole plates to create a quick and easy system for removing a canopy.

Standard Range

Part No.	Outside Dia		Inside Dia mm	Wall Thickness	
	mm	ins		mm	swg
0737	18		13	2.5	12
0626	19	3/4	15.9	1.6	16
0626A	19	3/4	16.7	1.2	18
0738	22	7/8	19.8	1.2	18
0739	25	1	21	2.0	14



HAND KNOBS

Made from 316 Stainless Steel and Nylon.

Standard Range

Part No.	Thread Size mm	Stud Length mm	Fits clamp
0610	M5	18	-
0608	M6	14	Standard
0608AS	M6	14	All Stainless
0608L	M6	22	-
0609	M8	18	Heavy Duty



SUPPORT PILLARS

Made from Nylon. Use to create a slide unit using end plugs and tube.

Standard Range

Part No.	Colour	Screw Size
0606	Black	M5 or No. 10 or 12
0606W	White	M5 or No. 10 or 12

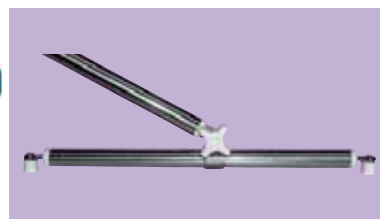


SLIDE UNITS

Makes use of short lengths of tube.
Each set comprises of 3 standard type end plugs 2 white support pillars and 1 hand clamp.

Standard Range

Part No.	To fit Tube o/d	
	mm	ins
0605	19	3/4
0613	22	7/8
0623	25	-

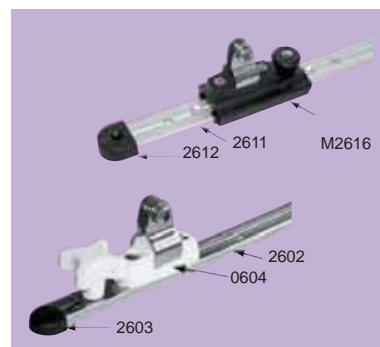


TRACK SYSTEMS

Comprises of universal deck fitting, assembled to a low friction slider. Part No. 0604 is secured into position using a hand knob. Part No. M2616 is secured with a sprung loaded pin.

Standard Range

Part No.	Description	Style
M2616	25mm slide unit & Deck fitting	Barton
2611	25mm Aluminium Track 1.2m (4ft)	Barton
2617	25mm Aluminium Track 1.8m (6ft)	Barton
2612	25mm black plastic end stop	Barton
0604	Slide unit and deck fitting	Stainless
2602	Stainless Track sold per Metre	Stainless
2603	black plastic end stop	Stainless



STANDARD HEAVY DUTY RANGE

Heavier than the standard range of canopy fittings only available for 1" fittings.



END PLUG

Heavy Duty Range

Thick 316 Stainless Steel plate covered with a Nylon Moulding. Heavy duty range has an 11mm hole and is only compatible with other fittings in the Heavy Duty range.

Part No. 0561



Heavy Duty Range

CLAMP

Made from 316 Stainless Steel, Suitable for 1" tube

Part No. 0562



Heavy Duty Range

HAND CLAMP

1" clamp made from 316 Stainless Steel fitted with an 8mm hand knob. Use to make an easily adjustable canopy.

Part No. 0564

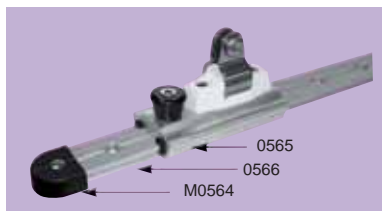


Heavy Duty Range

HEAVY DUTY DECK FITTING

Made from 316 Stainless Steel with a two part Nylon moulding. Can be adjusted to suit most deck angles.

Part No. 0563



Heavy Duty Range

TRACK SYSTEM

Heavy duty Barton track and slider. The heavy duty deck fitting is assembled onto the 32mm anodised Aluminium car that locks with a sprung pull pin.

Part No.	Description
0565	Slide unit and deck fitting
0566	32mm Track x 1.2m
M0564	Black plastic end stop

ALL STAINLESS HEAVY DUTY RANGE

Heavier than the all stainless range of canopy fittings, made for the larger 1 1/4" and 1 1/2" tube sizes.



HEAVY DUTY DECK FITTING

Made from 316 Stainless Steel and designed to cope with all the demands of larger canopy frames weighing in excess of 150Kg. This innovative design allows full 180 degree rotation in both directions making it suitable for most applications. This Heavy Duty fitting can be mounted either horizontally or vertically. And is for use with the heavy duty 1 1/4" and 1 1/2" canopy end plugs. Deck fitting is supplied without the pin

Part No.	Description
M0986	Heavy Duty Deck Fitting
M0981	Pull Pin
M0987	Ring Pull Pin

HEAVY DUTY END PLUGS

Adjustable Made from 316 Stainless Steel and designed to cope with all the demands of larger canopy frames weighing in excess of 150Kg. Designed for use with the all stainless heavy duty deck fitting and 1 1/4" or 1 1/2" x 1.5mm wall tube.

Part No.	Size Ins	Size mm
M0982	1 1/4"	32mm
M0983	1 1/2"	38mm



HEAVY DUTY CLAMPS

Made from 316 Stainless Steel and designed to cope with all the demands of larger canopy frames weighing in excess of 150Kg.

Part No. M0984 11/4" Clamp

Part No. M0985 11/2" Clamp



HEAVY DUTY EXTENDED CLAMPS

Made from 316 Stainless Steel and designed to cope with all the demands of larger canopy frames weighing in excess of 150Kg.

Part No.	Tube Size ins	Tube Size mm	Length of stand off mm
M1060	1 1/2	38	38
M1061	1 1/2	38	76.2
M1062	1 1/4	32	32
M1063	1 1/4	32	63.5

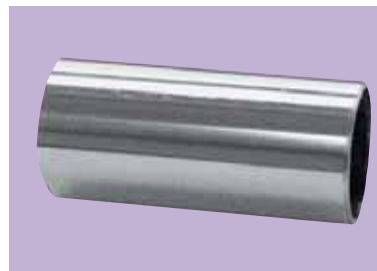


TUBE

Made from polished 316 Stainless Steel.

Supplied in 6 metre lengths for collection or cut to a maximum of 2 metres when sent by a carrier. Sent at your risk.

Part No.	Tube Size ins	Tube Size mm	Wall Thickness swg	Wall Thickness mm
2281	3/4"	19	18	1.2
2282	7/8"	22	18	1.2
2289	1"	25.4	16	1.5
2289A	N/A	25	16	1.5
2290	1 1/4"	32	16	1.5



TUBE BLANK OFF PLUGS

Moulded in Black Plastic

Part No	Tube Size
2285	3/4"
2286	7/8"
2287	1"
2295	2"



TUBE JOINT

A ridged component used to join two tubes of the same size, one half is riveted to the tube and the other is fixed using a tube spring (drill jig available). Ideal if the frame is large and needs transporting, can use two shorter lengths of tube and also can be stored on board more easily if required. Made from 316 Stainless Steel

Part No.	Tube Size	Wall Thickness
4143	19mm (3/4")	1.6mm (16swg)
4143A	19mm (3/4")	1.2mm (18swg)
4144	22mm (7/8")	1.2mm (18swg)
4145	25.4mm (1")	1.6mm (16swg)
4149	Tube Jig	





TUBE TRIMMERS

Fast and easy to square off tube ends for use with internal end plugs. Must only be used with cordless drills on slow setting

Part No.	Outside Dia mm	ins	Inside Dia mm	Wall Thickness mm	swg
9331B	19	3/4	15.9	1.6	16
9331A	19	3/4	16.7	1.2	18
9331D	22	7/8	19.8	1.2	18
9331F	25	1		1.6	16
9329	Spare universal blade for above				

TUBE JOINING SPRINGS

Made from A2 stainless Steel

Part No. 9378S

TUBE HINGE

Simply pop rivet or screw (M5) both halves of the tube hinge to the tube to create a neat hinge in a length of tube. Ideal for gangways on guard rails or for canopy frames to be folded for easy stowage. Made from 316 Stainless Steel

Part No	Tube Size	Wall Thickness
4175	19mm (3/4")	1.6mm (16swg)
4175A	19mm (3/4")	1.2mm (18swg)
4174	22mm (7/8")	1.5mm (16swg)
4176	22mm (7/8")	1.2mm (18swg)
4177	25.4mm (1")	1.6mm (16swg)
M4183	32mm (1 1/4")	1.6mm (16swg)

TUBE HINGE KIT

Complete kit including 1 x Tube Hinge 1 x stainless steel sleeve and 2 x tube joining springs.

Part No	Tube Size	Wall Thickness
M4711	19mm (3/4")	1.2mm (18swg)
M4712	22mm (7/8")	1.2mm (18swg)
M4713	25.4mm (1")	1.6mm (16swg)

TUBE FORMER

An easy to use portable tube former designed to bend sprayhood frames in a range of bend radii using the proven 3 roller method. Simply adjust the central screw to alter the bend radius, feed in the tube and turn the handle. May be bench mounted or fitted to a mobile work bench for use on site. Rollers are available for standard tube sizes 19.1, 22.2 and 25.4mm (3/4", 7/8" and 1") outside diameter. This tool has been tested extensively on all types of tube including Aluminium and Stainless Steel.

This product is for gentle curves not tight right angle bends, comes complete with 1 Rollers

Part No. 9332 Tube Former

Rollers

Part No. 9338 3/4" Rollers

Part No. 9339 7/8" Rollers

Part No. 9333 1" Rollers

TUBE CROWNER FORMER

This NEW heavy duty former has been designed to accept tube up to 1 1/2" (38mm) and features geared rollers for ease of use on the larger sizes and a removable handle for easy storage. Can be bench mounted or fitted to a portable work bench or vice.

This product is for gentle curves not tight right angle bends, comes complete with 1 Rollers

Part No. 9330 Tube Former with 1" Rollers
Part No. 9330AS Tube Former with all Rollers

Rollers

Part No. 9330A 3/4" Rollers
Part No. 9330B 7/8" Rollers
Part No. 9330C 1 1/4" Rollers
Part No. 9330D 1 1/2" Rollers



TELESCOPIC POLES

Thumb screw locking telescopic pole to achieve total adjustment to a canopy strut. Made from 316 Stainless Steel

Part No.	Closed Length	Open Length	Tube sizes
3452	300mm (12")	600mm (24")	3/4" 18g and 1" 16g
3453	600mm (24")	1200mm (48")	3/4" 18g and 1" 16g



TELESCOPIC POLES

Pull pin locking telescopic pole to achieve fast adjustment to a canopy strut. Made from 316 Stainless Steel

Part No.	Closed Length	Open Length	Tube sizes
3452N	300mm (12")	600mm (24")	3/4" 18g and 1" 16g
3453N	600mm (24")	1200mm (48")	3/4" 18g and 1" 16g



TUBE CLAMP

Made from 316 Stainless Steel. Clamp plates are supplied with nylon lock nuts, and are designed to clamp two 1" (25.4mm) tubes at right angles.

Part No. SS-25-02



SPRAYHOOD TRACK AND LUFF TAPE

Track is made from white plastic. Sold in 3 metre lengths, made to suit stitched sprayhood luff tape.

Part No. 2335

Luff Tape is made with 2 1/2" (60mm) wide x 7oz tape (300g). Use with sprayhood track. Sold by the metre.

Part No. S7





TONNEAU SPIKES

Use with Tonneau base to create a tonneau pole from any length of tube.

Part No.	Outside Dia		Wall Thickness	
	mm	ins	mm	swg
4136	19.1	3/4"	1.6	16
4136A	19.1	3/4"	1.2	18
4137	22.2	7/8"	1.2	18

TONNEAU BASE

Black non slip tube base for use with tonneau poles.

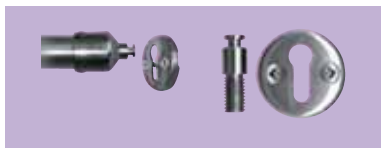
Part No.	To Fit Tube	
	mm	ins
4170	19.1	3/4"
4171	22.2	7/8"
4172	25.4	1"



TUBE TIDY

A modular plastic component which can be used to keep window material off frame tubing when used singly, in addition the parts can be joined together to create a component which tubes can snap into to keep in place for stowage. The parts can be set in any combination.

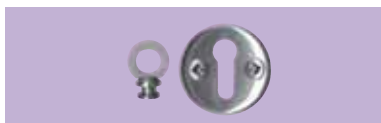
Part No	Tube Size		Pack ty
	ins	mm	
4166	3/4"	19	10
4167	7/8"	22	10
4168	1"	25.4	10
4166P	Joining plate		10 sets



LUCK RELEASE STUD SET

Set comprises of 1 M10 stud fitting and 1 keyhole plate with base. Stud is designed to fit the All Stainless internal and external adjustable end plugs.

Part No. 4152



LUCK RELEASE EYE SET

Set comprises of 1 eye fitting and 1 keyhole plate with base.

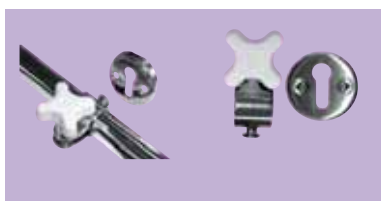
Part No. 4165



25MM WEBBING TERMINATOR SET

Set comprises of 1 webbing fitting and 1 keyhole plate with base.

Part No. 4147



TUBE STOWAGE CLIP SET

Set comprises of 1 tube fitting and 1 keyhole plate with base.

Part No.	Tube Outside Dia	
	mm	ins
4153	19.1	3/4"
4154	22.2	7/8"
4155	25.4	1"

KEYHOLE COMPONENTS

Part No.	Description
4150	Keyhole Plate + Base
4152K	M10 Stud key
4165Q	Eye
4147W	25mm Webbing Terminator
4153S	3/4" Tube Stowage clip
4154S	7/8" Tube Stowage clip
4155S	1" Tube Stowage clip



HANDILOCK

Made from black plastic with Stainless Steel spring

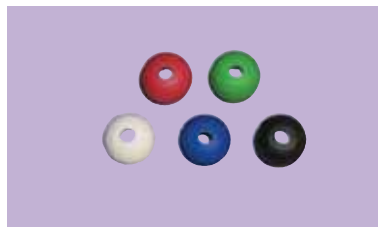
Part No.	Max rope mm	Dia mm	Height mm
0670	6	12	20-28



ROPE STOPPERS

Made from plastic, with a choice of 5 colours

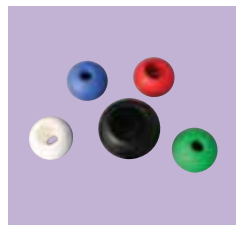
	Black	White	Blue	Red	Green
Rope size	Part No.	Part No.	Part No.	Part No.	Part No.
4 mm	0281	0281W	0281B	0281R	0281G
6 mm	0282	0282W	0282B	0282R	0283G
8 mm	0283	0283W	0283B	0283R	0283G



PARREL BEADS

Made from plastic, with a choice of 6 colours

	Black	White	Blue	Red	Green	Yellow
Rope size	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
6 mm	SS-25-35BLK	SS-25-35WHI	SS-25-35-BLU	SS-25-35RED	SS-25-35-GRN	SS-25-35YEL
7 mm		SS-25-36WHI	SS-25-36BLU	SS-25-36RED	SS-25-36GRN	SS-25-36YEL
11 mm	SS-25-46BK		SS-25-46BL	SS-25-46RED	SS-25-46GRN	



LACING BUTTONS

Made from 316 Stainless Steel or Nylon.

Suit No. 8 or 4 mm countersunk screws. can be used with sew on eyes or shock cord

Part No.	Description	Material	Screw Size
0600	Flared Base	316 St Steel	No8 or M4
0600A	Large Head	316 St Steel	No8 or M4
0600L	Long Body	316 St Steel	No8 or M4
0596	Flat Base	316 St Steel	No8 or M4
0598	Flared Base	Black Nylon	No8 or M4
0598W	Flared Base	White Nylon	No8 or M4
0599	Straight Base	Black Nylon	No8 or M4
0599W	Straight Base	White Nylon	No8 or M4





RINGS

Made from 316 Stainless Steel. Tig welded to ensure maximum breaking load and weld stability.

Part No.	Internal Ring Dia mm	Wire Dia mm	Breaking Load Kg
0633	15	3.0	700
M0181	15	5.0	1750
0634	20	4.0	1250
0296	20	5.0	1750
M0182	20	6.4	2750
0635	25	4.0	1250
0117	25	5.0	1750
0637	25	6.4	2750
0118	30	5.0	1750
0158	30	6.4	2750
0159	30	8.0	4750
6150	32	5.0	1750
6151	40	5.0	1750
6155	40	6.0	2750
0119	40	6.4	2750
0160	40	8.0	4750
0639	40	9.5	7000
6152	50	5.0	1750
6156	50	6.0	2750
0120	50	6.4	2750
0161	50	8.0	4750
0166	50	9.5	7000
0638	60	6.4	2750
0162	60	8.0	4750
0163	60	9.5	7000
0164	75	8.0	4750
0165	75	9.5	7000
0646	75	12.0	11500
M0184	90	8.0	4750
0167	100	8.0	4750

RINGS

Budget range of Stainless Steel rings, these TIG welded rings are electro polished to keep the cost down.

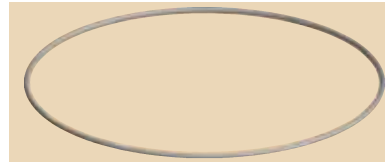
Part No.	I/D mm	Wire Size mm	MBL Kg	Part No.	I/D mm	Wire Size mm	MBL Kg
9630	25	3	650	9666	40	8	4650
9632	40	3	650	9668	50	8	4650
9634	25	4	1000	9670	60	8	4650
9638	40	4	1000	9672	70	8	4650
9640	25	5	1500	9674	80	8	4650
9642	30	5	1500	9676	90	8	4650
9644	40	5	1500	9678	100	8	4650
9646	50	5	1500	9680	40	10	7500
9648	60	5	1500	9682	50	10	7500
9650	25	6	2600	9684	60	10	7500
9652	30	6	2600	9686	70	10	7500
9654	40	6	2600	9688	80	10	7500
9656	50	6	2600	9690	90	10	7500
9658	60	6	2600	9692	100	10	7500
9660	80	6	2600	9694	120	10	7500
9662	90	6	2600	9696	140	10	7500
9664	30	8	4650				



SPINNAKER BAG RING

Made from 316 Stainless Steel.

Part No. **M0791** 5mm X 300mm



BUDGET RINGS

Made from 316 Stainless Steel. Tig welded to ensure maximum breaking load and weld stability.

Part No.	Internal Ring Dia mm	Wire Dia mm
9629	20	3
9631	30	3
6150R	30	5
6151R	40	5
6152R	50	5
9653	35	6
6155R	40	6
6156R	45	6
6157R	50	6
9698	80	12



NYLON RINGS

Made from 316 Stainless Steel

Part No.	Bar mm	O/Dmm
3271	4.5	13
3272	7	18
3273	8	22
3274	9	28
3294	10	40



THETA RINGS

Made from 316 Stainless Steel

Part No.	Bar mm	O/Dmm
9700	6	40
9702	8	50
9704	10	50
9706	12	65
9707	12	80

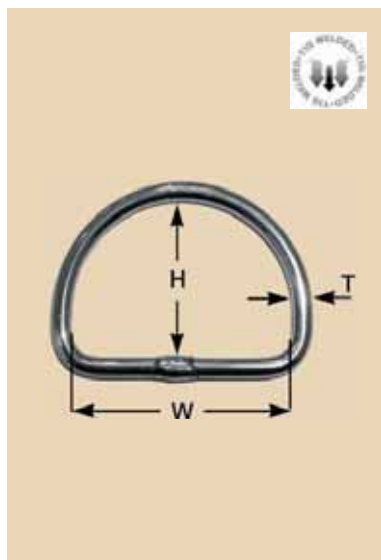


NYLON D RINGS

Made from Black Nylon.

Part No.	Webbing Size mm
0685	20
0686	25
0687	30
0688	40





D RINGS

Made from 316 Stainless Steel, all D Rings are Tig welded to ensure maximum strength.

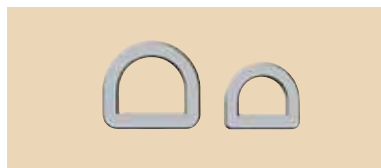
Part No.	W mm	T mm	H mm	Breaking Load Kg
0145	25	5	17	1750
0271	25	6	50	2750
0153	30	6	29	2750
0151	35	5	27	1750
0126	38	5	25	1750
0144	44	5	32	1750
0152	50	5	35	1750
0127	50	6	33	2750
6127	50	7	24.5	3750
0128	55	8	40	4750
0143	60	5	32	1750
0142	60	6	30	2750
0154	60	7	60	3750
0129	70	8	50	4750
0155	80	9.5	60	7500



D RING WITH BAR

Made from 316 Stainless Steel with Nylon bar.

Part No.	W mm	T mm	H mm	Breaking Load Kg
6127B	50	7	24.5	3750
0128B	55	8	40	4750



ALUMINIUM D RINGS

Made from stamped Aluminium for light weight applications.

Part No.	Webbing Size mm
0630	16-20
0631	22-25



TRIANGLE WITH NYLON BAR

Made from 316 Stainless Steel with nylon bar.

Part No.	W mm	T mm	H mm	Angle Deg	Breaking Load Kg
0141B	50	6	43	60	2750



TRIANGLES WITH STAINLESS BAR

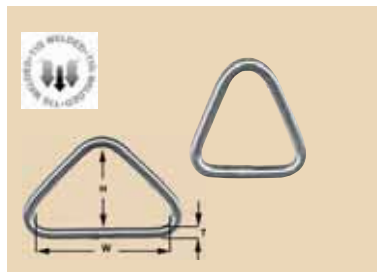
Made from 316 Stainless Steel, Tig welded for maximum strength.

Part No.	W mm	T mm	H mm	Angle Deg	Breaking Load Kg
0121B	60	6	35	90	2750
0580B	75	8	45	90	4750
0122B	92	8	54	90	4750

TRIANGLES

Made from 316 Stainless Steel, Tig welded for maximum strength.

Part No.	W mm	T mm	H mm	Angle Deg	Breaking Load Kg
0222	48	6	30	90	2750
0141	50	6	43	60	2750
0121	60	6	35	90	2750
0581	51	8	52	60	4750
0320	67	8	38	90	4750
0580	75	8	45	90	4750
0122	92	8	54	90	4750



DELTA TRIANGLES

The Makefast range of pressed delta triangles are designed for applications where captive webbing is required. Made from 316 Stainless Steel

Part No.	A mm	B mm	W mm	H mm	Thkns mm
M0214	45	48	26	57	5
M0585	38	47	47	61	5
M0586	46	52	51.8	60	5
0587	40	47	47	61	6
0588	45	52	51.8	60	6



NYLON TRIANGLES

Part No.	Webbing mm
M0745	20
M0746	25
0690	30
0691	40
0692	50
0692B	50 (one flat edge)



ADJUSTER BUCKLE AND SLIDE

Made from Black Nylon or Acetal

Acetyl Part No.	Nylon Part No.	Description	Webbing Size mm
0968		Link	40
0969		3 Bar Slide	40
0976A	0976N	3 Bar Slide	45
0977A	0977N	Link	45
0978	0978N	3 Bar Slide	50
0979	0979N	Link	50



3 BAR ADJUSTMENT BUCKLES

Made from Black Nylon.

Part No.	Webbing Size mm
0655	20
0656	25
0657	30
0658	40
0659	50

ADJUSTER BUCKLES

Made in Britain from 316 Stainless Steel

Part No.	A mm	B mm	Thkns mm	D mm	Breaking Load Kg
0538	20.8	23	1.5	4.5	275
0520	28	28.6	2	5.1	375
M0522	32	29	3	5	950
0514	34.5	31	2	6.4	700
M0540	40.8	29	3	5	950
0519	45	34	2	7.5	500
M0542	45	29	3	4.8	950
M0544	45	32.5	4	4.8	1250
0100	51	25.4	1.5	5.7	460
0309	50.9	33	3	6.4	1000
0518	52	48.5	3	10	900
0311	50	43	3	5.2	1500

SLIDES

Made in Britain from 316 Stainless Steel used on their own or with adjuster buckles for a quick release system

Part No.	A mm	B mm	Thkns mm	D mm	Breaking Load Kg
M0539	23	29	1.5	17.5	425
M0521	28	36	2	22	675
M0523	32	36	3	21	1000
M0541	40.8	36	3	20	1000
M0543	45.8	36	3	20	1000
M0545	45.8	36	4	19.5	1250
0308	50.9	41	3	22.4	1000

LADDER LOCK BUCKLES

Made from Black Nylon.

Part No.	Webbing Size mm
0415	15
0416	20
0417	25
0418	30
0419	40
0420	50

* Also Available in White (0417W)



0311 curved centre bar



STAINLESS LADDER LOCK BUCKLES

Made in Britain from 316 Stainless Steel

Part No.	Webbing size	Breaking load Kgs
0665	20mm	110
0666	25mm	110



TWO PART /R BUCKLE

This high strength Nylon buckle is designed to fit 25mm webbing with a breaking load of 300Kg. This easily adjustable quick release buckle is ideal for use on life vests and many other applications where a high strength quick release buckle is required.

Part No. 0660 **Black**
Part No. 0660W **White**



MOUNTING PLATE

Made from 316 Stainless steel with a 20mm hole, suitable for 50mm webbing can be used to attach webbing in many different situations. Large hole makes it ideal for mounting to rope or can be passed through U bolts or other fittings.

Part No. M0361



HARNESS BUCKLES

Made from 316 Stainless Steel these buckles offer light weight with high strength and durability.

Part No.	Description	A mm	B mm	Breaking Load Kg
0106	Rectangular hole light duty	25	3	-
0103	Rectangular hole light duty	40-45	3	350
0103T	Triangular hole light duty	40-45	3	350
0310	Triangular hole heavy duty	50	5	800



/R SLIDING BAR BUCKLES

Combines easy adjustment with quick release. Frame made from 316 Stainless Steel.

Part No.	Webbing Size mm	Material of Bar	Breaking load Kg
0314	40	Nylon	165
0316	50	Nylon	165
0399	50	Aluminium	650

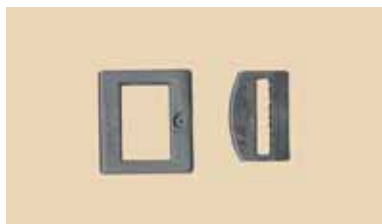


SINGLE HANDED NOSE CLIPS

Designed for easy use in extreme conditions. Can be easily operated using one hand. Soft co-polymer pads are insert moulded to Stainless Steel arms.

Part No. 0880





SAFETY BUCKLE

Sprung loaded safety buckles utilise a simple sprung mechanism offering a positive closure. Made from 316 Stainless Steel, spring made from 302 Stainless Steel. Available with either fixed bar or sliding bar for easy adjustment.

Part No.	To fit Webbing mm	Breaking Load Kg	Bar Type
0896	25	300	Fixed
0898	30	300	Fixed
M0900	40	300	Fixed
M0904	50	300	Fixed
M0901	40	300	Sliding
M0905	50	300	Sliding

QUICK RELEASE BUCKLES

This range of quick release buckles offer superb performance with the choice of 316 Stainless Steel or Black Nylon.

Part No.	Material	Webbing mm
0401	Nylon	20
0324	316 Stainless Steel	25
0402	Nylon	25
0403	Nylon	30
0325	316 Stainless Steel	40
0404	Nylon	40
0326	316 Stainless Steel	50
0450	Nylon	50

INC PLATED CAM BUCKLE

25mm Cam buckle made from inc plated Steel, ideal for tie downs and trailer lashings that are not subjected to salt water.

Part No. 4124

SLIDE LOCK BUCKLES

Made from black Nylon.

Part No.	To suit Webbing mm
0405	20
0406	25
0407	40

SPIKED DIVERS BELT BUCKLES

Heavy duty spiked buckles originally designed for divers belts but with many other applications. Made from 316 Stainless Steel.

Part No. M0278 50mm Divers Buckle
Part No. M0279 75mm Divers Buckle

SLIDING BAR BUCKLES

Made from 316 Stainless Steel with Nylon bar.

Part No.	Webbing Size mm	Breaking Load Kg
0102	40-45	200
0104	50	165
0411*	25	135
0412	25	135

*0411 as 0412 but unwelded

SLIDING BAR BUCKLES

Made from 316 Stainless Steel with H section Aluminium bar designed to prevent slipping (bar is anodised black)

Part No.	A mm	B mm	C mm	Breaking Load Kg
0102A	40-45	30	5	750
0104A	50	30	5	750

SLIDING BAR BUCKLE

Made from 316 Stainless Steel with knurled black Anodised Aluminium bar.

Part No.	A mm	B mm	C mm	Breaking Load Kg
0104C	50	30	5	690

HOLDING DOWN CLIPS

Made from 316 Stainless Steel, designed to assemble sliding bar buckles, D-Rings, etc to a solid fixture. Fits up to 5mm bar.

Part No. 0583

SLIDING BAR BUCKLES WITH SLOT

Made from 316 Stainless Steel with slot, simply attach a webbing strap to the slot for quick release.

Part No.	Webbing mm	Slot mm	Breaking Load Kg
0112	50	30	1400
0114	56	30	1300

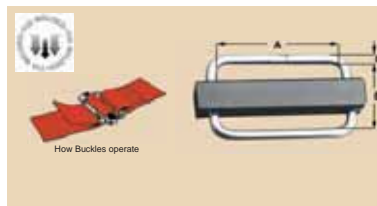
HEAVY DUTY SLIDING BAR BUCKLE

Made from 316 Stainless Steel with a knurled Stainless bar.

Part No.	Webbing mm	Breaking Load Kg
0275	40-45	1600



How Buckles operate



How Buckles operate



Shown with sliding bar buckle





SIDE RELEASE BUCKLES

Made from Nylon, easily adjustable and quick release, ideal for any applications.

Part No.	Webbing Size mm	Colour
0374	20	Black
0374W	20	White
0375	25	Black
0375W	25	White
0369	30	Black
0376	40	Black
0377	50	Black

STEALTH SIDE RELEASE BUCKLE

Smaller profile than a standard side release buckle. Made from Nylon.

Part No. 0380

HI-CLICK BUCKLE

High strength side release buckle. Made from 30% glass filled Nylon. Tested to 200Kg with no deformation or webbing slip only suitable for 40mm webbing.

Part No. 0650

FAST DONNING SAFETY BUCKLE

Made from 316 Stainless Steel with a knurled Stainless bar. This unique design has a sprung loaded lock to prevent accidental opening.

Part No.	Webbing mm	Breaking Load Kg
0276	40-45	630
0277	50	500

CLICK LOCK BUCKLES

Side Release buckles made from 316 Stainless Steel

Part No.	Description
M0430	40mm Click Lock Buckle S/S
M0431	45mm Click Lock & Adjuster S/S

NYLON WEBBING BRIDGES

Part No.	Colour	Webbing mm	Overall Length mm	Inside Height mm	Screw Size mm
0693	Black	30	48	6	4
0693W	White	30	48	6	4
0694	Black	40	58	6	4
0694W	White	40	58	6	4
0695	Black	50	68	6	4
0695W	White	50	68	6	4

STAINLESS WEBBING BRIDGES

Part No.	Inside Width mm	Inside Height mm	Screw Size mm
SSWB26	26	6	4
SSWB40	40	6	4

LINKS

Made from 316 Stainless Steel

Part No.	Webbing Size mm	Bar Dia mm	Type	Breaking Load Kg
0409	25	4	Unwelded	-
0410	25	4	Welded	1250
0378	40	5	Welded	1750
M0274*	45	6	Welded	3000
0312	50	5	Welded	1750

*Part No. 0274 is a heavy duty link with one knurled edge

OVERCENTRE LATCHES

Made from 316 Stainless Steel

Part No.	Webbing mm	Breaking Load Kg
0315	40	680
0381	50	680

MOUNTING PLATE

Made From 316 Stainless Steel can be used with overcentre latches to create a quick release system or any application where a webbing strap has to be mounted to a hard surface. Suitable for 50mm Webbing, Hole Size 9mm, breaking load 790Kg.

Part No. 0313

LOOPS

Made from 316 stainless Steel

Part No.	Webbing Size mm
0318	40
0101	50

DOUBLE LOOP WEBBING RETAINERS

Double loop retainer for webbing complete with a specially designed restrictor to help secure webbing in place.

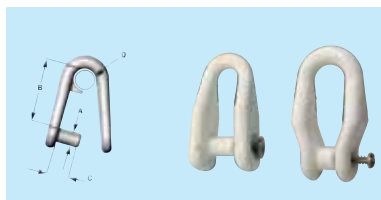
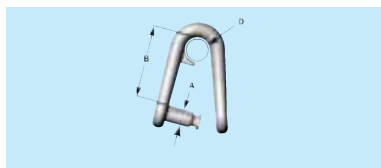
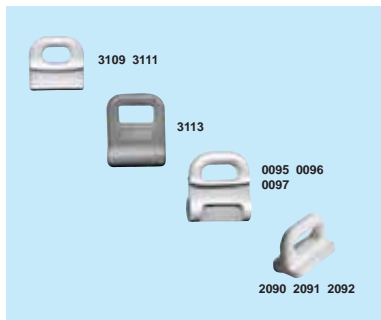
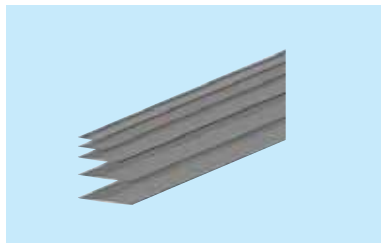
Part No.	Webbing Size mm	Colour
0322	40	Black
0323	45	Black
0317	50	Black
0317Y	50	Yellow
0317B	50	Blue

SINGLE LOOP WEBBING RETAINERS

Single Loop retainer. Made from high density Polythene to secure loose webbing ends.

Part No.	Webbing Size mm	Colour
0475	25	Black
0476	40	Black
0477	45	Black
0478	50	Black





CONTRACT BATTENS

Made from glass fibre reinforced resin.

Part No.	Width mm	Thickness mm	Type	Length m
7150	16	4.0	Stiff	3
7250	20	2.5	Standard	5
7350	30	4.3	Standard	5
7450	40	4.7	Standard	5
7550	40	5.7	Stiff	5
7552	12.7	12.7	Round	5

BATTEN END CAPS

Part No.	Size	Fits End
6599	16mm	Inner
6597	16mm	Outer
6601	20mm	Both
6603	30mm	Both
6605	40mm	Both

SAIL SLIDES

Made from White Nylon

Part No.	Max width mm	Jaw Size mm	Hole Width mm
3109	10.4	3	13.9
3111	13.9	4.2	16.2
3113	9	3.5	12.5
0095	7.2	3	14.7
0096	8.3	3	14.7
0097	11.4	3	14.7
2090	16	6	18.2
2091	19	8.4	18.2
2092	22	9.5	18.2

TRACK SLIDES

Made from Stainless Steel

Part No.	Max Width mm	Bar Dia mm	Eye width mm
2790	16	4.5	25
2791	19	4.5	25
2792	22	4.5	25

SNAP ON SHACKLES

Made from Nylon 6.6

Part No.	A mm	B mm	C mm	D mm
3088	6	25	8	8
3090	7.8	27	9.7	9
T3108	8	43	8	10

SCREW ON SHACKLES

Made from Nylon 6.6

Part No.	A mm	B mm	C mm	D mm
T3104	5.7	21	7.7	7
T3106	7.7	30	7.7	10

DODGER HANK

Made from White plastic

Part No. 1975

BRONZE KNOCK ON PISTON HANKS

Part No.	L mm	A mm	B mm	C mm
3574	40	7	10	6
3575	50	9	16	8
3576	60	13	19	10
3577	75	16	25	12

HANK PROTECTORS

Made from transparent PVC

Part No.	To suit Piston Hank
3582	3574
3583	3575
3584	3576
3585	3577

TWIST ON HANKS

Made from White plastic.

Part No.	Hole Dia
T3300	5.5 mm
T3301	7 mm

PLASTIC TOGGLES

Toggle for 9mm tape

Part No. 0284

Toggle for cord up to 3.5mm

Part No. 0285

HOT KNIFE

240 Volt Hot Knife (Without Blade)

Part No. EW 0

Blade for Cloth

Part No. EW 1

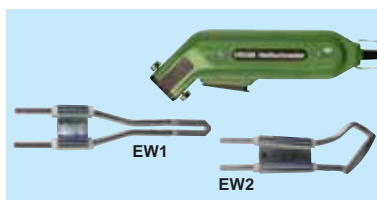
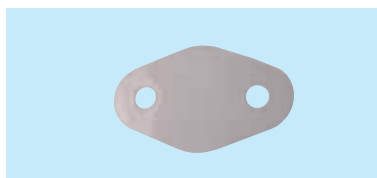
Blade for Rope

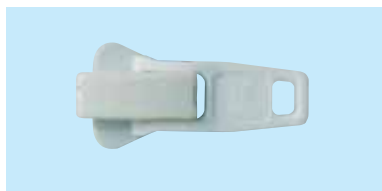
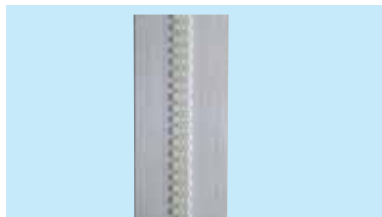
Part No. EW 2

MACHINE THREAD

Bonded Polyester thread, will not rot. Ideal for sail or canvas repair.

Part No.	Size	Colour	ty	Needle Size
4208	V69	White	10z	90/110
4209	V69	Black	10z	90/110
4210	V69	Navy	10z	90/110
4211	V69	Green	10z	90/110
4212	V69	Red	10z	90/110
4213	V69	Blue	10z	90/110
4216	V92	White	10z	110/130
4217	V92	Black	10z	110/130
4200	V69	White	2500m	90/110
4204	V69	Blue	2500m	90/110
4205	V69	Black	2500m	90/110
4207	V69	Wine Red	2500m	90/110





OPEN ENDED IP

Heavy duty No. 10 moulded teeth with double metal sliders
Available in White, Black or Navy please specify or white will be supplied.

Part No.	Length		Part No.	Length	
	Feet	cm		Feet	cm
6531	1	31	6546	6 1/2	198
6541	1 1/2	46	6537	7	213
6532	2	61	6538	8	244
6542	2 1/2	76	6539	9	274
6533	3	91	6540	10	305
6543	3 1/2	107	6524	11	334
6534	4	122	6525	12	366
6544	4 1/2	137	6528	15	457
6535	5	152	6530	20	610
6545	5 1/2	167	6529	25	762
6536	6	183			

CONTINUOUS MOULDED IP

Specifically designed for marine and outdoor applications.
Made to BS.3084:1992

Colour	No. 5 Moulded Part No.	No. 10 Moulded Part No.
White	6505	6510
Black	6505B	6510B
Navy Blue	6505N	6510N

CONTINUOUS COIL IP

Specifically designed for marine and outdoor applications.
Made to BS.3084:1992

Colour	No. 5 Moulded Part No.	No. 10 Moulded Part No.
White	6515	6520
Black	6515B	6520B
Navy Blue	6515N	6520N

SLIDERS FOR COIL IP

For use with continuous zip. Available in silver, black, navy or white.

Description	Size	Sliver Part No.	Black Part No.	Navy Part No.	White Part No.
Single puller metal	No.5	6516	6516B	6516N	6516W
Double puller metal	No.5	6517	6517B	6517N	6517W
Single puller metal	No.10	6521	6521B	6521N	6521W
Double puller metal	No.10	6522	6522B	6522N	6522W

SLIDERS FOR No. 5 MOULDED IP

For use with continuous zip. Available in silver, black, navy or white.

Description	Type	Part No.		
		White	Black	Navy
Single puller metal	Non Locking	6506	6506B	6506N
Single puller plastic	Auto Locking	6507	6507B	6507N
Double puller metal	Non Locking	6508	6508B	6508N

SLIDERS FOR No. 10 MOULDED IP

Description	Type	Part No.		
		White	Black	Navy
Single puller metal	Non Locking	6511	6511B	6511N
Single puller plastic	Auto Locking	6512	6512B	6512N
Double puller metal	Non Locking	6513	6513B	6513N
Double puller plastic	Auto Locking	6514	6514B	6514N

POLYESTER CORD

Braided polyester cord

Part No.	Dia mm	Reel Size m
3648	2.5	500
3649	2.8	500
3651	3.5	300
3652	4.0	250
3654	5.0	200
3655	6.0	150



SEW ON VELCRO

Hook and loop sold separately. SOLD BY THE METRE

(or 25m roll), for more Velcro products please see Chandlery Section.

Colour	15 mm	20 mm	25 mm	30 mm	40 mm	50 mm	100 mm
White Hook	2415H	2420H	2425H	2430H	2442H	2450H	2460H
White Loop	2415L	2420L	2425L	2430L	2442L	2450L	2460L
Royal Blue Hook	2417H	2422H	2427H	2432H	2443H	2452H	-
Royal Blue Loop	2417L	2422L	2427L	2432L	2443L	2452L	-
Black Hook	2418H	2423H	2428H	2433H	2444H	2453H	2463H
Black Loop	2418L	2423L	2428L	2433L	2444L	2453L	2463L

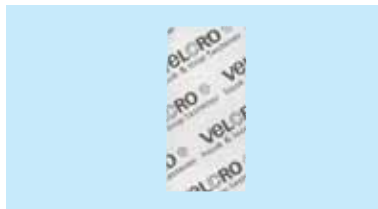


SELF ADHESIVE VELCRO

Hook and loop sold separately. SOLD BY THE METRE

(or 25m roll), for more Velcro products please see Chandlery Section.

Colour	20 mm	25 mm	30 mm	40 mm	50 mm
White Hook	2436H	2447H	2438H	2442H	2439H
White Loop	2436L	2447L	2438L	2442L	2439LL
Black Hook	2437H	2445H	-	2444H	2440H
Black Loop	2437L	2445L	-	2444L	2440L



POLYPROPYLENE WEBBING

Made from coloured polypropylene. Good colour fastness.

Sold by the 100m supplied on 50m reels

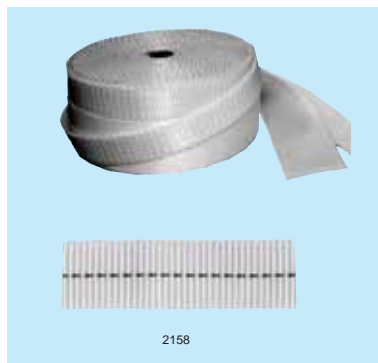
Colour	20mm	25mm	30mm	40mm	50mm
White	3590	3639	3669	3690	3680
Black	3591	3641	3671	3691	3681
Royal Blue	3592	3642	3672	3692	3682
Red	3593	3643	3673	3693	3683
Navy Blue	3594	3644	3674	3694	3684
Yellow	3595	3646	-	3696	3686
Green	3596	3645	3668	3689	3679
Burgundy	3597	-	-	3697	3687
Beige	3599	-	-	3699	-

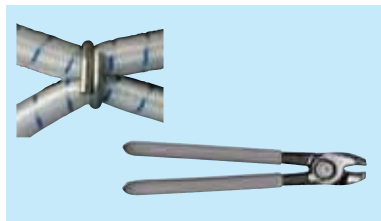
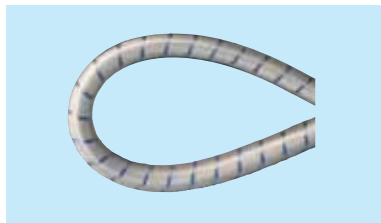
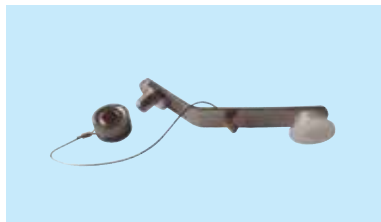


POLYESTER WEBBING

High strength webbing with a low stretch, high resistance to UV

Part No.	Description	Colour	Width mm	Breaking Load Kg
2143	Light-duty	White	50	-
2156W	Medium	White	50	2000
2156	Medium	Black	50	2000
2156G	Medium	Grey	50	2000
2158	Tubular	White	25	1500
2151	Heavy-duty	White	25	2080
2157	Heavy-duty	White	25	2080
2157R	Heavy-duty	Red	25	2080
2157B	Heavy-duty	Blue	25	2080
2157N	Heavy-duty	Navy	25	2080





GROMMETS

Spur tooth brass grommets available in either plain brass or nickel plated.

Inside Dia mm	Size	Plain Brass Part No.	Nickel plate Part No.
5	000	2018	2028
6	00	2019	2029
8	0	2020	2030
9.5	1	2021	2031
12	2	2022	2032
12.7	3	2023	2033
14.7	4	2024	2034
17.1	5	2025	2035
19.8	6	2026	2036

GROMMET TOOLS

Professional quality hand tools, can be used on site or in the workshop.

Size	Hole Punch Part No.	Closing Tool Part No.
000	2048	2038
00	2049	2039
0	2050	2040
1	2051	2041
2	2052	2042
3	2053	2043
4	2054	2044
5	2055	2045
6	2056	2046

MINI GROMMET TOOLS

High quality hand tools, can be used on site or in the workshop. Has the Closing tool one end and Hole cutter at the other.

Part No.	Size
2138	000
2139	00
2140	0
2141	1

SHOCK CORD

Size mm	White Part No. / m	White Part No. /100m	Black Part No. / m
3	2003	2003A	2003B
4	2004	2004A	2004B
5	2005	2005A	2005B
6	2006	2006A	2006B
7	2007	2007A	2007B
8	2008	2008A	2008B
10	2010	2010A	
12		2012A	
14		2014A	

SHOCK CORD RINGS

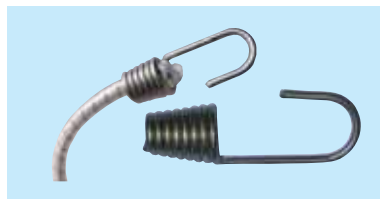
Made from Stainless Steel Supplied in bags of 100

Part No.	Rings for shock cord size mm.
1967	4 or 5
1968	5 or 6
1969	7 or 8
1970	9 or 10
1966	Shock Cord Pliers for above

SHOCK CORD HOOKS

Made from 316 Stainless Steel

Part No.	For shock cord size mm
9506	5 - 6
9508	7 - 8
9508A	10



NYLON SHOCK CORD HOOKS

Part No.	For Shock cord size mm
2012	6
2013	6
2014	8
3282	6
3283	4
3284	8
3285	8



PO I-GRIP SHOCK CORD HOOK

Made from black Nylon, simply place cord into hook and snap tab closed. ONLY SUITABLE FOR 5mm SHOCKCORD.

With Gate
Part No. 6965

Without Gate
Part No. 6966



ONE WAY PRESS STUDS

Part No.	Description
4180	Pull The Dot One Way Cap
4182	Pull The Dot One Way Socket
4184	Pull The Dot One Way Stud



COLOURED PRESS STUDS

Part No.	Description	Stud Length mm
8501B	Black Button Top	5
8501N	Navy Button Top	5
8501W	White Button Top	5
8502C	Top Socket for coloured Tops	-



PRESS STUDS

Made from Nickel Plated Brass

Part No.	Description	Stud Length mm
8501	Button Top	5
8501L	Long Button Top	7
8501XL	Extra Long Button Top	9
8502	Universal top Socket	-
8503	Universal Bottom Socket	-
8503S	Bottom Socket 10mm S/S Screw	-
8503LS	Bottom Socket 16mm S/S Screw	-
8506	19mm S/S Windscreen Clip	-
8507	22mm S/S Windscreen Clip	-
8504	Bottom Fastener	6
8504L	Long Bottom Fastener	7
8504XL	Extra Long Bottom Fastener	9
8505	Double Press Snap Stud (Gypsy)	-

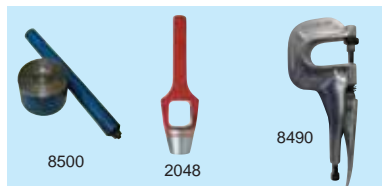




STAINLESS STEEL PRESS STUDS

Made from Stainless Steel

Part No.	Description	Stud Length mm
8531	Button Top	5
8532	Top Socket	
8533	Bottom Socket	-
8534	Bottom Fastener	6



PRESS STUD TOOLS

Punch and Die closing Tool

Part No. 8500

5mm Hole Cutter for top and bottom

Part No. 2048

Professional Cut and close hand tool

Part No. 8490



STAINLESS STEEL -SNAP

Q-Snap is the new secured fastener with stretch function. It has been developed for covers and sprayhoods on boats and is perfect for all textiles that need to be tight and secure. The patented Q-Snap is just like a normal press stud, with 2 additional parts, a ring under the cloth and a gentle hook on deck, this combination prevents the Q-Snap popping off and stretches the cloth for a perfect fit. Use standard dome top colsing tools.

Made from 316 Stainless Steel

To save even more installation time, some smart tools are developed in close consultation with specialist cover makers.

Stud Marker:- If the Q-socket is fitted to the cloth simply attach the stud marker stretch the canvas tight and press down to mark the correct position.

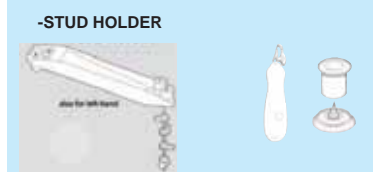
Q-Stud Holder:- Holds the stud in position and prevents it rotating when tightening up the screw

Installation Pins:- If the Q-Stud is already in position fit the installation pin to the Q-Stud, stretch the canvas press the cloth down on the pin and fit the plastic stopper, you can fit the whole canopy this way to ensure a perfect fit before fitting the Q-cap.

Part No.	Description	Stud Length mm
8127	Q-Cap Std	4.4
8128	Q-Cap Long	6.2
8129	Q-Socket	
8130	Q-Stud	
8131	Eyelet for cloth to cloth	6
8132	Stud Marker	
8133	Q-Stud Holder	
8134	Q-Socket Installation Pins	



-STUD MARKER



-STUD HOLDER



-SOCKET INSTALLATION PINS



TURNBUTTONS

Made from Nickel Plated Brass

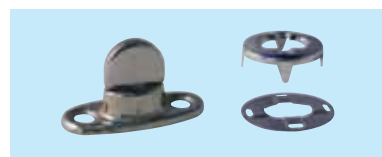
Part No.	Description
2897	Top fastener (use with all studs)
2898	Cutting tool for 2897
2894	6mm tall turnbutton
2895	8mm tall turnbutton
2895L	10mm tall turnbutton
2893	6mm cloth fix turnbutton

STAINLESS STEEL TURNBUTTONS

Popular sprayhood turnbutton fittings made from Stainless Steel.

Part No. 8536 6mm S/S Turnbutton

Part No. 8537 Eyelet & Washer S/S



TOMAX FASTENERS

Made from Nickel plated brass.

For Part No. T2910 use hole punch Part No. 2050

For Part No. T2911 use hole punch Part No. 2049

These fittings are not interchangeable with super spot fasteners

Part No.	Description
T2910	Top fastener (use with all studs)
T2911	Cloth stud
T2914	Self tapping stud
T2912	Two hole stud (use No.6/ M4 Screws)
T2916	Machine screw stud
T2910T	Top Fastener Closing Key



SUPER SPOT FASTENERS

Also called 'Lift the Dots'. Made from Nickel Plated Brass

Part No.	Description
2890	Top fastener (use with all studs)
2901	Cloth stud
2886	Self tapping stud
2884	Two hole stud (use No.8 / M4 Screws)
2884H	Hollow base two hole stud
2884L	Long two hole stud
2885	Machine screw stud
2885L	M5 X 15mm Machine screw stud
2900T	Hole cutter for Part No. 2890
2901T	Closing tool for Part No. 2901



SAILMAKERS NEEDLES

Smiths Original Sail Needles

Part No.	Size
3614	14
3615	15
T3616	16
3617	17
3618	18
3607	10 assorted needles



LEATHER PALMS

Smiths Leather Palms

Part No. Right hand	Part No. Left hand	Description
3620R	3620L	No. 2 Lightweight
3623R	3623L	No. 3 Half lined
X31-20	X31-21	No. 8 Light Adjustable
3622R	3622L	No. 2.5 Quality Adjustable



SEAM RIPPER

High quality tool, apanese made

Part No. 5071

REVOLVING PUNCH

Punches for 2, 2.5, 3, 3.5, 4 and 5mm holes

Part No. 1979





THREAD CLIPS

Professional Quality metal clips, made from stainless steel

Part No. 5065



DOUBLE SIDED TAPE

Part No	Width mm	Roll Length m
4990	6	50
4991	9	50
4992	12	50
4994	19	50
4996	25	50



BEES WAX

20g block of traditional Bees wax

Part No. 2106



SEAM SEALER

For use on the inside of seams, effectively seals

Part No.	Description
3701	Pad Bottle
T3700	1 Litre tin



FABSIL

Contains silicones and other water proofing agents, bonds well to fabric such as acrylic, nylon, polyester and cotton. Contains mildew inhibitor

Part No.	Description
3710	5 Litre Can
3711	400ml Aerosol
T3708	1Litre Fabsil Gold extra strength

SUPERPRUF

A fast acting water repellent treatment for protection against water and stains. It's concentrated formula will treat up to 2 garments. Dries to a residue and odour free Finnish.

Suitable for use on all fabrics

250ml aerosol Part No. 3716

ACRYLIC CANVAS

Un-coated Acrylic canvas has a water resistant Teflon finish and is suitable for boat covers, canopies, spray hoods, biminis, awnings and a large range of other uses.

Cloth is sold as a 1m x 1.5m piece, larger sizes and other colours are available please ask.

Part No.	Colour
55020	Dark Blue
55021	Grey
55022	Black
55050	Navy Blue
55030	Burgundy
55040	Emerald Green
55045	Bottle Green
55060	Beige

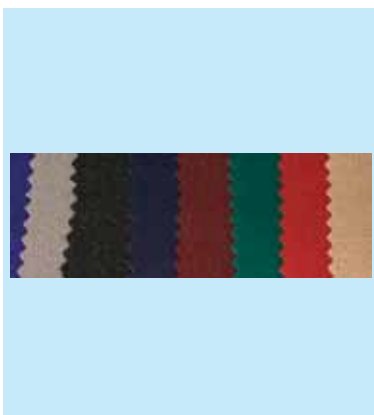


PU COATED ACRYLIC CANVAS

PU coated Acrylic canvas has a PU coating on the underside of the canvas making it more water resistant than the un coated canvas. It is suitable for boat covers, canopies, spray hoods, biminis, awnings and a large range of other uses.

Cloth is sold as a 1m x 1.5m piece, larger sizes and other colours are available please ask.

Part No.	Colour
56020	Dark Blue
56021	Grey
56022	Black
56080	Navy Blue
56030	Burgundy
56040	Emerald Green
56090	Red
56010	Beige



PVC COATED NYLON

PVC coated Nylon is very water resistant but is also non breathable. Suitable for bags etc.

Cloth is sold as a 1m x 1.5m piece, larger sizes and other colours are available please ask.

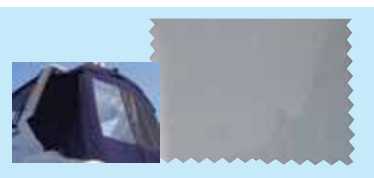
Part No.	Colour
60023	Royal Blue
60018	Navy Blue
60019	Red



PVC WINDOW MATERIAL

PVC window material is made from transparent PVC and is used to make windows in boat covers and sails. Cloth is sold by the metre roll 1.37m Wide.

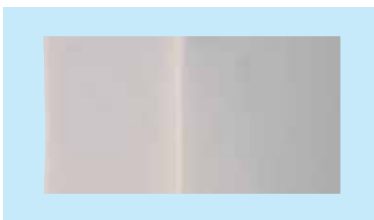
Part No.	Description
4975	0.5mm (0.02") PVC Window



WHITE FOAM

White closed cell foam, ideal for sail luffs, padding and upholstery that needs a little extra support.

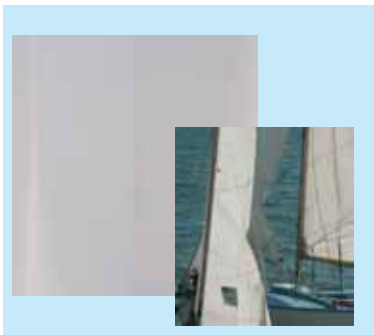
Part No.	Description
K03	4mm x 1m White Luff Foam
K04	6mm x 1m White Luff Foam
K05	10mm x 1m White Luff Foam



SAIL CLOTH

All sail cloth is supplied by the whole metre.

Part No.	Weight US oz	Width mm	Colour
604050	4	50	White
604127	4	127	White
606050	6	50	White
606127	6	127	White
607050	7	50	White
607127	7	127	White
608050	8	50	White
608201	8	201	White

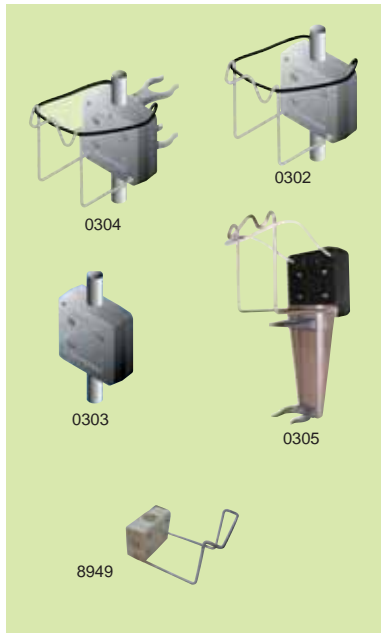




HORSESHOE LIFEBOUY

With tough PVC cover available in White, Yellow or Red.
Please specify colour
Part No. 1301

Lifebuoy cover, available in White, Red or Yellow. Please
specify colour.
Part No. 1300



LIFEBOUY HOLDERS

Lifebuoy holder
Please Specify Black or White
Part No. 0302

Lifebuoy holder with 32mm light clips
(mounted on reverse)
Please Specify Black or White
Part No. 0304

Lifebuoy holder with 44mm light clips
(mounted inside horseshoe)
Part No. 0305

1 Pair of stow blocks with S/S fastenings.
Please Specify Black or White
Part No. 0303

Replacement Stainless Steel frame for 0302, 0304 and 0305
Part No. 0302F

Extension plate to convert Part No. 0302 into 0305
Part No. 0305P

Small white lifebuoy holder
Part No. 8949



THROW LINE

30m Safety Throwline

Part No. 1325



HORSESHOE LIFEBOUY SET

Lifebuoy with holder and light
(light mounted inside horseshoe)

Available with Red, White or Yellow
Horseshoe Lifebuoy.

Part No. 1331



BOAT HOOK AND BRUSH

Telescopic Boat Hook
Part No. 1075

Scrubbing Brush attachment
Part No. 1076

MARINE BRASS PADLOCK

Made with Stainless Steel hoops.

Part No.	Size
PL30	30mm
PL40	40mm
PL50	50mm



SHACKLE PADLOCKS

Made with Stainless Steel Bars and brass workings.

Part No.	Jaw	Width	Description
QL60	25	60	Stainless outer
QL70	30	70	Stainless outer



NAVIGATION LIGHTS

Suitable for 12 volt systems and boats up to 12m long.

Part No.	Description
NLSB	Starboard
NLPT	Port
NLSN	Stern
NLMH	Masthead
NLCB	Combination Bow
NLAL	Anchor Light



NAWA FENDER BASKETS

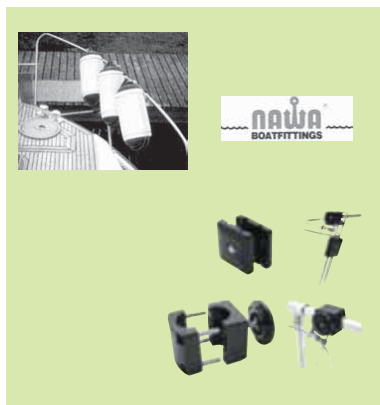
Made from 316 Stainless Steel

One basket requires 2 Rail Clamps

Two baskets require Rail Clamps and 1 Joining Kit

Three baskets require Rail Clamps and 2 Joining Kits

Part No.	Dia mm	Length mm
8844	170	396
8845	215	423
8846	230	423
8847	250	550
8840	Joining Kit	
8837	25mm Rail Clamp	
8838	30mm Rail Clamp	
8839	32mm Rail Clamp	

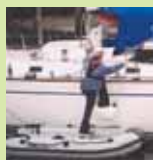


FEND-FIX

The single handed fender fastener, simply clip over wire or rail adjust the height required and pull the free end downwards to lock off in the special cleat. For use with 6-8mm fender ropes. Available in two types, for wire life line or round rail. Supplied in packs of 2.

Part No. 8950	6-8mm Wire
Part No. 8953	20-25mm Rail
Part No. 8954	26-32mm Rail





DANFENDER FENDERSTEP

High strength, high quality Dan Fenderstep, the quick and easy way to aid boarding your boat. Fenderstep also works as an effective fender for bow, stern and topside.

Part No. 8835	White
Part No. 8835B	Blue
Part No. 8835N	Navy

DANFENDER BLOW MOULDED FENDERS

Blow moulded fenders are suitable for smaller craft and light duty applications, they have one eye at the top and two at the bottom to allow side mounting.

White Part No.	Blue Part No.	Dia. mm	Length mm	Gross Bouyancy kg
8801	8801B	90	320	1.4
8802	8802B	102	430	2.3
8806	8806B	127	460	4.4
8807	8807B	152	560	6.0

DAN-FENDER FENDERS

Blow moulded competition fenders are medium duty and very competitive on price, available in white or blue. Eye at both ends for horizontal or vertical fixing.

White Part No.	Blue Part No.	Dia. mm.	Ins	Length mm.	Bouyancy kg
8830	8830B	110	4.75	460	
8831	8831B	125	5	510	5.0
8832	8832B	150	6	585	6.5
8833	8833B	200	8	705	23

DAN-FENDER HEAVY DUTY FENDERS

Heavy duty fenders for the most demanding situations. These fenders have solid black ends for increased strength. Eye at both ends for horizontal or vertical fixing.

White Part No.	Blue Part No.	Navy Part No.	Dia. mm.	Ins	Length mm.	Bouyancy kg
8811	8811B	8811N	125	5	510	5.0
8812	8812B	8812N	150	6	585	6.5
8813	8813B	8813N	200	8	560	14
8814	8814B	8814N	200	8	705	23
8816	8816B	8816N	200	8	990	34
8817	8817B	8817N	250	10	635	29
8815	8815B	8815N	250	10	890	39
8818	8818B	8818N	300	12	810	43
8819	8819B	8819N	300	12	1060	55
8821	8821B	8821N	380	15	1270	116
8822	8822B	8822N	550	21	1465	215

DAN-FENDER BOW FENDERS

White Part No.	Blue Part No.	Dia. mm	Between Eyes mm
8803	8803B	102	330
8804	8804B	130	400



FENDERS

Heavy duty fenders for the most demanding situations. Eye at both ends for horizontal or vertical fixing.

White Part No.	Blue Part No.	Navy Part No.	Black Part No.	Dia. mm.	Ins	Length mm.
8782W	8782B	8782N	8782BK	140	5.5	480
8783W	8783B		8783BK	180	7	530
8784W	8784B	8784N	8784BK	20	8	660
8785W	8785B	8785N	8785BK	24	9.5	740
8786W	8786B	8786N	8786BK	20	8	790
8787W	8787B	8787N	8787BK	280	11	840
8788W	8788B	8788N	8788BK	340	13.5	910

16 MARKER BUOY

Heavy duty 16" (40cm) Marker buoy

Part No. 8792W White

Part No. 8792N Navy



CHUBBY FENDER

23cm x 10cm (9 x 4)

Part No. 8771W White

Part No. 8771B Blue

Part No. 8771N Navy

Part No. 8771BK Black

30cm x 20cm (12 x 8)

Part No. 8773W White

Part No. 8773B Blue

Part No. 8773N Navy

Part No. 8773BK Black



PICK UP BUOY

Heavy duty pick up buoy

Part No. 8796 8" pick up buoy

Part No. 8798 12" pick up buoy



DOCK FENDER

Heavy duty dock fender 60cm x 19cm x 10cm (24" x 7" x 4")

Part No. 8794 White dock fender





DAN-FENDER PONTOON FENDER

490mm Long x 70mm tall
Part No. 8841

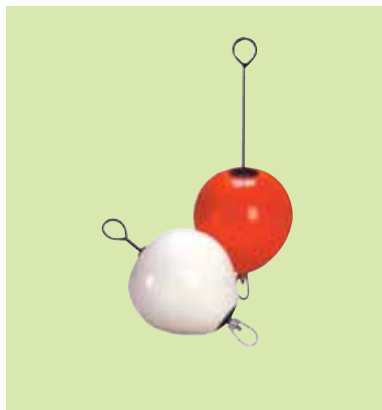
Corner fender 250mm x 250mm x 70mm tall
Part No. 8842



DAN-FENDER MARKER BUOYS

Marker buoys are available as red as standard, other colours are available to order. Made with heavy duty solid black tops.

Part No. RED	Part No. WHITE	Part No. BLACK	Part No. NAVY	Part No. BLUE	Dia mm	Length mm
7982R					160	230
7983R					240	320
7984R	7984W				320	480
7985R		7985	7985N		405	570
7986R	7986W				480	640
	7987W			7987B	610	790



DAN-FENDER ROD MOORING BUOYS

Dan-fender Rod Mooring buoys are made to the high standard. All rods are hot-galvanized and rilsan treated. Secured with self locking nut. Remember to use the lower eye when you moor your boat to a mooring buoy. Thus the boat will always keep in contact with the anchor. The upper eye is only intended for lifting the buoy and for double safety.

Length quoted does not include the rod.
 Red as standard other colours to order.

Part No.	Buoy Diameter mm	Buoy Length mm	Rod Diameter mm
M30SH	240	290	12
M40SH	320	380	12
M50SH	405	460	16
M60SH	480	500	16
M100SH	810	850	20



DANFENDER PUMP

Specially made to inflate Dan-fenders

Part No. 8800

DANFENDER CLEAN

Specially formulated to clean Dan-fenders

Part No. 8860



NYLON ROWLOCKS

Part No.	Description
1042	Nylon Rowlock 50mm Oars
1043	Nylon Rowlock 58mm Oars
1044	Nylon Corner Socket
1045	Nylon Flush socket

GALVANISED ROWLOCKS

Galvanised Rowlocks complete with base fitting.
Suitable for Oars up to 55mm Dia. Base fitting has
2 x 5mm csk fixing holes.

Part No. 1040



GULL OARS

Beautifully finished laminated oars made from Tasmin Fir*. Finely
sanded and grain sealed before varnishing. Robust and strong
but light and durable.

*Tasmin Fir is a registered trade name for the species of fir used
in Gull Oars.

Part No.	Size	
	cm.	ft.
1056	165	5'6"
1060	185	6'0"
1066	196	6'6"
1070	210	7'0"
1071	225	7'6"
1072	240	8'0"
1073	255	8'6"
1074	270	9'0"

GULL OAR SLEEVES

Replacement Gull Oar Sleeves made from black plastic

Part No. 1064 40mm diameter

Part No. 1065 44mm diameter



HAND WINCH STRAPS

50mm Black webbing fitted with a galvanised hook and sewn
loop at the other end.

Part No.	Length
3901	5m
3902	7m



TRAILER WINCHES

Zinc plated finish for resistance to rust and corrosion. Internally
lubricated drum, bushing and pinion gear shaft bearings for long
life and easy operation. Shafts and gears of high tensile alloy
steel. Formed reinforcements in frame give added strength.
Smooth turning rollgrip handle.

THIS PRODUCT MUST NOT BE USED FOR LIFTING

Part No.	Capacity lb	Ratchet	Freespool	Gear Ratio
3906	600	1 way	Off	3.2:1
3908	800	1 way	Off	3.2:1
3912	1200	2 way	Centre	4.1:1
3914	1400	2 way	Centre	4.1:1
3920	2000	2 way / 2 speed	Centre	4.1:1 & 9.8:1



GOLIATH®

Goliath winches recent design advances have resulted in greater strength and durability for the Goliath winch range. In co-operation with leading materials handling specialists, Goliath engineers have made changes which significantly lessen wear in key components, leading to reduced down-time.

The versatile automatic braking range now offers winches with a lifting capacity from 140kg to 1700kg. All are CE marked and the AF range have TUV Security accreditation, including stainless steel models.



GOLIATH MANUAL WINCHES

Goliath manual winches are a high quality trailer or hauling winch made from inc plated steel

NOT SUITABLE FOR LIFTING

Part No.	Type	Speed Settings	With Brake	Max Pull at 30 Deg
G5-50301	3N1 Winch	1	No	470Kg
G5-50501	5N1 Winch	1	No	596Kg
G5-50601	6N1 Winch	1	No	656Kg
G5-50701	7N1 Winch	1	No	723Kg
G5-50901	9N1 Winch	1	No	894Kg
G5-50907	9N1F Winch	1	Yes	894Kg
G5-51201	12N2 Winch	2	No	1264Kg
G5-51207	12NF Winch	2	Yes	1264Kg
G5-51601	16N2 Winch	2	No	1556Kg
G5-51607	16N2F Winch	2	Yes	1556Kg
G5-52507	25N3F Winch	3	Yes	2741Kg

GOLIATH AUTO BRAKE FOR WEBBING

Goliath auto brake winches have a security self-breaking system for lifting applications. The load can be held without any action on the handle.

Made from inc plated steel. **NOT SUITABLE FOR LIFTING PEOPLE**

Part No.	G5-54409	G5-54606	G5-54807	G5-54107
Type	4AFPS	6AFPS	8AFPS	12AFPS
Hauling power	500 Kg	750 Kg	850 Kg	1500 Kg
Lifting power kg	120	200	250	300
Dimensions mm	125x145x95	160x155x130	200x155x170	210x190x170
Weight Kg	2.6	3.6	5.5	7.3
Gear ratio	1:2.57	1:3.5	1:4.85	1:9.71
Drum diameter	25mm	22mm	28mm	28mm
Handle length	160mm	200mm	250mm	250mm
Webbing Size	50mm	50mm	50mm	50mm

GOLIATH AUTO BRAKE FOR WIRE

Goliath auto brake winches have a security self-breaking system for lifting applications. The load can be held without any action on the handle.

Made from inc plated steel. **NOT SUITABLE FOR LIFTING PEOPLE**

Part No.	G5-54416	G5-54403	G5-54603	G5-54803	G5-54103	G5-533001
Type	4AFM	4AF	6AF	8AF	12AF	30AF
Hauling power	450 Kg	500 Kg	750 Kg	850 Kg	1500 Kg	3700 Kg
Lifting power	170 Kg	190 Kg	240 Kg	300 Kg	500 kg	1700 Kg
Dimensions mm	125x105x95	125x145x95	160x155x130	200x155x170	210x190x170	300x170x240
Weight Kg	2.6	2.6	3.6	5.5	7.3	13.7
Gear ratio	1:2.57	1:2.57	1:3.5	1:4.85	1:9.71	1:21.8
Drum dia	30mm	40mm	50mm	60mm	76mm	80mm
Handle length	160mm	160mm	200mm	250mm	250mm	290mm
Rec. Wire Size*	3mm x 8m	4mm x 10m	5mm x 13m	6mm x 16m	7mm x 10m	9mm x 20m

+ Loads are calculated on a 30 degree ramp (handle load is based on a power of 20 kg)

AUTO BRAKE C/W GEAR GUARD (WEBBING)

Goliath auto brake winches have a security self-breaking system for lifting applications. The load can be held without any action on the handle.

Made from inc plated steel. Fitted with a gear guard to stop foreign objects getting caught in the cogs. **NOT SUITABLE FOR LIFTING PEOPLE**

Part No.	G5-53409	G5-53606	G5-53807	G5-53107
Type	4AFDPS	6AFDPS	8AFDPS	12AFDPS
Hauling power Kg	500	750	850	1500
Lifting power kg	120	200	250	300
Dimensions mm	125x145x95	160x155x130	200x155x170	210x190x170
Weight Kg	2.6	3.6	5.5	7.3
Transmission ratio	1:2.57	1:3.5	1:4.85	1:9.71
Drum diameter mm	25	22	28	28
Handle length mm	160	200	250	250
Webbing Size	50mm	50mm	50mm	50mm



AUTO BRAKE C/W GEAR GUARD FOR WIRE

Goliath auto brake winches have a security self-breaking system for lifting applications. The load can be held without any action on the handle.

Made from inc plated steel. Fitted with a gear guard to stop foreign objects getting caught in the cogs. **NOT SUITABLE FOR LIFTING PEOPLE**

Part No.	G5-54424	G5-53403	G5-53603	G5-53803	G5-53103	G5-533003
Type	4AFMD	4AFD	6AFD	8AFD	12AFD	30AFD
Hauling power Kg	450	500	750	850	1500	3700
Lifting power kg	170	190	240	300	500	1700
Dimensions mm	125x105x95	125x145x95	160x155x130	200x155x170	210x190x170	300x170x240
Weight Kg	206	2.6	3.6	5.5	7.3	13.7
Transmission ratio	1:2.57	1:2.57	1:3.5	1:4.85	1:9.71	1:21.8
Drum diameter mm	30	40	50	60	76	80
Handle length mm	160	160	200	250	250	290
Rec. Wire Size*	3mm x 8m	4mm x 10m	5mm x 13m	6mm x 16m	7mm x 10m	9mm x 20m



S/S GOLIATH AUTO BRAKE FOR WIRE

Goliath Stainless Steel auto brake winches have a security self-breaking system for lifting applications. The load can be held without any action on the handle.

Made from 316 Stainless Steel. **NOT SUITABLE FOR LIFTING PEOPLE**

Part No.	G5-54418	G5-54419	G5-54612	G5-54816	G5-53119
Type	4AFMI	4AFI	6AFI	8AFI	12AFI
Hauling power Kg	450	500	750	850	1500
Lifting power kg	170	190	240	300	500
Dimensions mm	125x105x95	125x145x95	160x155x130	200x155x170	210x190x170
Weight Kg	206	2.6	3.6	5.5	7.3
Transmission ratio	1:2.57	1:2.57	1:3.5	1:4.85	1:9.71
Drum diameter mm	30	40	50	60	76
Handle length mm	160	160	200	250	250
Rec. Wire Size*	3mm x 8m	4mm x 10m	5mm x 13m	6mm x 16m	7mm x 10m



+ Loads are calculated on a 30 degree ramp (handle load is based on a power of 20 kg)



GOLIATH COMPACT WINCHES

Goliath compact winches use a worm drive system so they have no need for a break and have silent operation.

NOT FOR LIFTING PEOPLE

Part No.	Type	Max Capacity
G5-63201	Standard upto 9m of 3mm cable	100Kg
G5-63202	Q/R Handle upto 9m of 3mm cable	100Kg
G5-63204	Standard for 4m of 20mm webbing	170Kg
G5-63301	Standard up to 4m of 3mm cable	200Kg
G5-63302	Q/R Handle upto 4m of 3mm cable	200Kg
G5-63350	Standard upto 2m of 4mm cable	300Kg



RATCHET LASHING

inc plated 5m Ratchet lashing and hooks, with 25mm Webbing.

Part No. 4001



STAINLESS RATCHET

Part No.	Size mm	Breaking Load Kg
4125	25	800
4135	38	1800
4126	50	3000



WINCH HANDLE

Universal winch handle will fit all winches with the international star top. Made from aluminium alloy. Handle locks in place

Part No. 9478 8" Winch Handle
Part No. 9479 10" Winch Handle

WINCH HANDLE HOLDER

White PVC, to hold any standard size winch handle, complete with S/S self tapping screws.

Part No. 9502



SPLICING SPIKES

Made from stainless steel, available in 2 sizes

Part No.	Size
SSSP170	170mm
SSSP	280mm

PLASTIC SPLICE KIT

Plastic splice kit for braided rope 4 sizes of needle Supplied with instructions

Part No. 1699



STAINLESS SPLICE KIT

Selma Stainless Steel splice kit, this high quality set includes 5 fids (Needles) and covers braided ropes from 3.5mm to 14mm diameter. Three strand ropes up to 28mm can also be spliced. Full instructions are supplied.

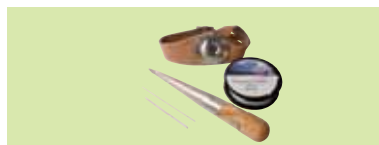
Part No. 1698



SPLICING KIT

A basic splicing kit, includes a 170mm splicing spike, waxed whipping twine, palm and needles

Part No. 8938



ANODES

Made from High Purity inc

Part No.	Description
7462	70mm Dia Disc Anode 0.5Kg
7465	100mm Dia Disc Anode 1Kg
7466	138mm Dia Disc Anode 2.3Kg
7469	Hull Anode 164 x 88 x 44mm 2.1Kg
7471	Hull Anode 305 x 88 x 44mm 4.4Kg
7477	Shaft Anode 25mm
7478	Shaft Anode 1"



HACKSAW BLADES

12" 24TPI blade

Part No. 4300



DECK FILLER KEY

Deck Filler Key With 2 sizes, plus Shackle key, bottle opener and screwdriver.

Part No. 8070



POCKET TOOL KIT

All stainless Steel Folding Pliers with Knife, Fish Scraper, Can Opener, Philips Screwdriver, 3 sizes of Slotted Screwdriver and an awl. Comes complete with belt pouch.

Part No. 1731





DELUXE POCKET TOOL KIT

All stainless Steel Folding Pliers with wire cutter, Knife, Can Opener, awl, Wood Saw/Fish scraper, Scissors and a hex screwdriver bit socket. Comes complete with 12 screwdriver bits including 3 pozi drive and 3 slotted screwdriver bits. Supplied in a canvas pouch with storage for screwdriver bits and a belt loop.

Part No. 1732



RIGGER KNIFE

All stainless Steel knife with a marlin spike, knife blade, shackle key, can / bottle opener with loop eye for a lanyard.

Part No. 1730



SKIPPERS KNIFE

All stainless Steel knife with a marlin spike, knife blade, shackle key, can / bottle opener with loop eye for a lanyard.

Part No. 1733



TECHNICAL RESCUE KNIFE

LK800 Technical Rescue Knife has a half serrated 70mm (2 3/4") blade that will cut through most ropes or line with ease. It can be opened with one hand with or without gloves

Part No. 29-08



EAGLE POCKET KNIFE

LK3003 Eagle Pocket Knife features 65mm fully serrated locking blade can be opened with one hand

Part No. 29-09



SAFETY LOCK KNIFE

The safety lock knife has a serrated blade with a hooked end making it ideal for cutting rope or fishing line in a hurry.

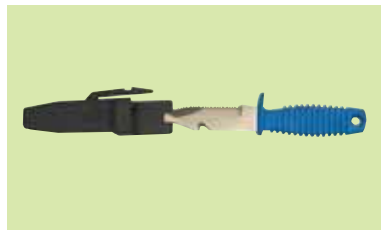
Part No. 29-19



POUCH

Pouch with belt loop for part No. 29-08 and 29-09

Part No. 29-10



SHARK 9 KNIFE

Shark 9 Knife has a 65mm serrated blade with a chisel end making it safer for rough seas. This knife also features a line cutter on the back of the blade and a lanyard eye in the handle and comes with a black positive lock holster with leg straps so there is no danger of it coming free until needed. Can be screwed to deck etc.

Part No. 29-07

DIVERS KNIFE

Divers Knife has a 110mm double edged partly serrated blade comes complete with a positive lock holster and leg straps, can be screwed to deck etc.

Part No. 29-06

SL1 SURVIVAL KNIFE

3.0 in. (75mm) 420 2 stainless steel blade with half serration. Features a compact, water resistant light, and an emergency whistle built into handle. Includes a pocket-belt clip and lanyard hole. Please note the New SL1 Survival Rescue Tool is "water resistant" and NOT waterproof

Part No. SL1

YACHTING KNIFE

3.0 in. (75mm) Stainless steel serrated blade. Features locking spike with bottle opener and locking shackle key complete with slotted screwdriver

Part No. 29-15

CURREY POCKET KNIVES

Currey are the originators of the safe "LOCKSPIKE" system, which stops the spike folding back when splicing rope that is difficult to handle. All knives now feature the new "LOCKBLADE" system. All the pocket knives are individually wrapped in presentation packs, with instructions for use of the lockspike, oiling and sharpening.

CURREY BOSUN S MATE

Overall Length 83mm, Shackle slot, Lanyard Shackle, Lockable Spike and Blade complete with Lanyard

Part No. 1700

CURREY BOSUN

Overall Length 93mm, Shackle slot, Lanyard Shackle, Lockable Spike and Blade complete with Lanyard

Part No. 1703

CURREY CAPTAIN

Overall Length 93mm, Fold out shackle key, Bottle opener, Lanyard Shackle, Lockable Spike and Blade complete with Lanyard

Part No. 1706

CURREY DECKHAND

Overall Length 102mm, with Shackle slot, Lanyard Shackle and Locking Blade complete with Lanyard.

Part No. 1709





CURREY RIGGING KITS

All Currey rigging kits are supplied with a leather pouch. The riggers knife has a rosewood handle and stainless steel blade. Splicing Spike is forged and has a built in shackle key.

Part No.	Description	Spike	Knife	Pliers	Screwdriver	Spanner
1740	Forged Spike	Yes				
1741	Riggers Knife		Yes			
1742	2 Pc Kit	Yes	Yes			
1743	3 Pc Kit	Yes	Yes	Yes		
1744	4 Pc Kit	Yes	Yes	Yes	Yes	
1745	5 Pc Kit	Yes	Yes	Yes	Yes	Yes

CURREY REPLACEMENT PARTS

Part No. 1749	Knife
Part No. 1751	Spanner
Part No. 1753	Pliers
Part No. 1755	Screwdriver
Part No. 1757	Spike
Part No. 1761	Pouch for Knife
Part No. 1762	Pouch for 2 Pc Kit
Part No. 1763	Pouch for 3 Pc Kit
Part No. 1764	Pouch for 4 Pc Kit
Part No. 1765	Pouch for 5 Pc Kit
Part No. 1725	Cotton Lanyard

SOFT PLASTIC

The only high strength adhesive specially developed to provide quick and permanent repairs to vinyl and PVC. Highly flexible and water resistant. Ideal for head linings, PVC seats and damaged dashboards

Part No. 6421 15ml Tube

ALL PURPOSE

Strong, multipurpose transparent adhesive for larger areas. Forms a clear bond with a wide variety of materials.

Part No. 6422 20ml Tube

SUPER EPOXY RESIN

Super epoxy transparent glue. Sets super strong in minutes. For wood, Stone, metal, glass and most other materials and surfaces, except soft plastics. Strong enough to lift a car.

Part No. 6423 28g Tube

SUPERFLEX SEALANT

A permanently flexible windscreen sealant. Fully waterproof. Also suitable for weatherproofing and insulating electrical connections. Available in Black or clear.

Part No. 6424 Black 40ml Tube
Part No. 6424C Clear 40ml Tube

LOCK N SEAL 243

Fast acting thread lock and sealant. Locks carburettor screws, alternator housing's, and seals oil pressure switches. Or any other thread. Vibration Proof.

Part No. 6425 3ml Tube

Price. 3.60



STUD N BEARING FIT 270

Retains bearings into new and used housings Locks and seals engine, gearbox and other threaded studs into position Extremely strong adhesive

Part No. 6435 3ml Tube



INSTANT GASKET

Forms perfect replacement gaskets and gasket dressings in minutes, for all sizes and shapes. Resistant to water, heat, oil, transmission/brake fluid and antifreeze.

Part No. 6426 40ml Tube



GLASS FIBRE KIT

Repair holes, splits and cracks in steel, aluminium, cast iron, glass fibre, wood etc. Hundreds of uses: - car, boat, caravan, home and farm. Packs include resin, hardener, glass fibre mat, spatula, mixing cup, brush and full instructions.

Part No. 6427 junior

Part No. 6432 Senior



PIPE SEALANT 577

Loctite 577 Pipe Sealant is recommended for all coarse metal threads. Suitable for fast applications at low temperatures. Meets BS 6956 type B for sealing gas fittings (LPG). WRC approval for use with potable water.

Part No. 6434



DR. DING STICK

For smaller repairs, this epoxy repair putty will fix fibreglass, wood, metal and plastic. Easy to use, just cut a piece off the stick, hand kneed until the colour turns white and press into position, even under water. No tools required, it hardens in just 20 minutes and can be sanded drilled and painted in 45 minutes.

Part No. 8900





GELCOAT FILLER

White Gelcoat finish. Repairs surface damage on Glass Fibre hulls. Can be pigmented or painted with all marine paints. Use with Glass Fibre Mat for structural repairs to GRP.

Part No. 6428



MARINE FILLER

Special filler for all marine applications. Use on wood, metal, glass Fibre and aluminium for a super smooth finish. Can be painted with all marine finishes.

Part No. 6429



GLASS FIBRE FILLER

A strong glass fibre reinforced filler for structural repairs and deep filling on glass fibre. No tack finish for easy sanding and finishing. Use for joining and sealing wood, glass fibre, steel and aluminium.

Part No. 6430



ELASTIC CAR BODY FILLER

A top quality body filler with exceptional adhesive properties. Easy to apply, shape and sand.

For a perfect finish on any metal, including galvanised aluminium and glass fibre. Will not crack, flake or fall out.

Part No. 6433



CHEMICAL METAL

The original rock-hard multipurpose repair paste. Repairs, strengthens, joins or fills virtually any material including metal, wood, stone, glass and concrete. Thousands of marine, home, automotive and DIY uses.

Part No. 6436



MARINE EPOXY

Repairs below the waterline

Epoxy filler for use on metal, wood and glass fibre etc. Fast setting and easy to sand to a tough durable finish. Effectively seals osmosis blisters. Can be painted over with all marine paints.

Part No. 6431



DURALAC JOINING COMPOUND

Duralac joining compound is formulated to stop the electrolytic corrosion between dissimilar metals, simply apply between the two surfaces.

Part No. 4308

SAFEOLINA JACKSTAY KIT

Complete kit for a webbing jackstay up to 12m long, with unique adjustable buckle.

Part No. 1359 **White**

Part No. 1359BK **Black**

KEY LIFE RAFT

Unique Floating Key Fob, superior to others on the market. Soft and comfortable in the pocket, Stainless steel key ring, Self inflating for superb buoyancy, supports up to 50g of keys, Can be used many times, not just once. Can be written on with Boat's Name and Berth details if required.

Part No. 7103

INFLATABLE BOAT BANDAGE

This self-adhesive material has been specially designed as a temporary repair on any inflatable boat. The 8 patches in 3 sizes are kept in a convenient pouch simply apply an appropriate size patch using firm pressure all over. Inflatable boat repair is a temporary repair only.

Part No. 28-40

SAIL BANDAGE

Mylar sail bandage designed to repair all sails.
- The light weight, high strength polymer composite has a remarkably high tear resistance. The aggressive adhesive has been specially formulated for all commonly used sail fabrics. Translucent, suitable for any colour sail.

Size: 75mm x 4.5m (3" x 15'). Colour: clear

Part No. 28-30

RIGGING TAPE

Superior self amalgamating tape protects against chafing and sharp edges while providing extraordinary safety for sails, lines & rope ends. This self bonding tape easily conforms to irregular surfaces and bonds into a solid piece of rubber. No sticky residue - Waterproof - UV resistant-stays flexible and long lasting. Size: 25mm x 4.5m (1" x 15') unstretched.

Part No. 28-10 **White**

Part No. 28-11 **Black**

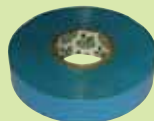
SAFETY WRAP

Amazing versatile self amalgamating 'fix it' tape. It works wet or dry, on dirty or oily conditions. When applied shrinks slightly to form an airtight waterproof seal, Layers bond together to form a solid piece of rubber. Seals leaking water or fuel pipes, can be used as an emergency fan belt repair. Waterproofs electrical connections.

Size: 25mm x 4.5m (1" x 15') unstretched, Colour: black

Part No. 28-15





MAST BOOT

Superior 4" (100mm) self amalgamating tape for sealing the base of the mast

Part No. 28-20 White

PVC ELECTRICAL TAPE

P.V.C. Made to BS3924 flame retardant. Use for onboard electrical and rigging protection

Part No. 28-45 White

Part No. 28-45R Red

Part No. 28-45B Blue

Part No. 28-45BK Black

Part No. 28-45Y Yellow

PTFE TAPE

P.T.F.E. Thread sealing Tape for pipe connection and general on board plumbing.

Part No. 28-55

SAFETY TREAD

Made from P.V.C. This non-slip surface for decks and companionways is easily applied and has a permanent pressure sensitive adhesive. Available in White, Black and "frosty" clear. 25mm wide x 5m long

Part No. 28-65 White

Part No. 28-66 Black

Part No. 28-67 Clear

RAMONOL GREASE

Ramonol White Grease is formulated with a special titanium dioxide anti corrosion additive in a high quality lithium soap grease. It is water resistant, inhibits corrosion and has good adhesive properties, making it ideally suited for marine use. Working temperature range -30 to 150°C Ramonol White Grease is especially suitable for marine applications such as stern glands and steering glands, bearings, seacocks, winches, furling gear, inboard and outboard motor controls, boat trailer wheel bearings and general greasing.

Part No. KEENOL

PTFE SPRAY GREASE

Liquid PTFE Grease Sea Spray is an aerosol lubricant that sets into a high pressure grease after being applied. It resists washing off, throw off, and works in high pressure, temperature and vibration environments. It also displaces moisture and inhibits rust.

Applications:

- | | |
|-------------------|------------------------|
| • Trailer Hitches | • Blocks |
| • Engine Linkages | • Radio Antenna Mounts |
| • Outdrives | • Sheaves |
| • Outboard Motors | • Motors |
| • Engine Cables | • Winches |

Part No. 28-00

SUPER LUBE

Non toxic, non staining lubricant with Teflon, Suitable for a wide range of applications

Part No.	Description
3705	90g Tube
3706	357ml Aerosol

ANTIFRICTION TEFLON SPRAY

Slide Master antifriction Teflon spray, is a dry Teflon spray and lubricates without attracting grime. Suitable for a wide range of applications including lips, mast track slides and many other uses where a wet grease would be unsuitable

Part No. 8892 200ml Spray

WINCH GREASE

Slide Master Winch grease. Very high Teflon content.ideal for marine threads.

Part No. 8893 50g Tube

FUNGAL CLEANER

Slide Master Fungal Cleaner. For covers and other coarse textiles

Part No. 8894

WATER PROOFING

Slide Master water based water proofer. For all textiles, seals and allows material to breath

Part No. 8895 1l Bottle

COLOUR RESTORER

Slide Master colour restorer for faded covers etc. A simple and effective water based pigment

Part No. 8896B Blue

Part No. 8896R Red

STORMSLIDE IP OIL

Stormslide zip oil is designed to free up stiff and sticking zips.

Part No. 6472 30ml bottle

STORMCLEAR

Stormclear anti fogging sticks prevent formulation of condensation and fogging on glass and clear plastic.

Part No. 6474

STORMSURE

Stormsure adhesive repairs rips and holes on most flexible , rigid and waterproof materials. Ideal for repairs to boots and shoes, sails,awnings,spray hoods and inflatable boats. Make patchless repairs over holes and rips in waterproof clothing and foul weather gear Abrasion and temperature resistant. Cure time 12 hours Mix with StormCure accelerator for faster cure times.

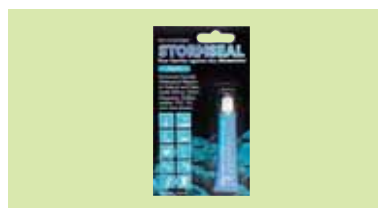
Part No. 6460 1 x 15ml tube

Part No. 6461 2 x 5ml tubes

STORMSEAL

StormSeal is ideal for sealing seams and making repairs to light weight materials such as Neoprene, tri-laminate, sails, tents and breathable fabrics. StormSeal seals stitched seams on almost all fabrics even on diving suits. Good for repairing inflatable toys and boats too. Cure time 12 hours. Mix with StormCure accelerator for faster cure times.

Part No. 6463 1 x 15ml tube





STORMCURE

StormCure is an accelerator for use with both Stormsure and StormSeal. Mix 1 part of StormCure Accelerator with 3 parts of adhesive and cut the cure time to under 2 hours

Part No. 6465 1 x 20ml bottle



STORMOPRENE

StormOpren contact cement is a non flammable polychloroprene contact adhesive. Very fast cure time, natural in colour. Ideal for use on most surfaces, especially neoprene, PU, Hypalon, natural rubber, rigid PVC, wood, metal and many fabrics. Ideal for diving suits and inflatable boats, but has 100's of other uses.

Part No. 6467 1 x 250ml tin



ANGLERS SUPERGLUE

Angrlers superglue is a custom, extra low viscosity, adhesive formulated for demanding fishing and wet applications.

Part No. 6470 1 x 20ml bottle



BOA CONSTRICTOR

Award winning design, the handy tool which grips and undoes almost anything, any shape, any material, without scratching. e.g. Oil filters, Taps, Pipes, Bottles and Jars.

Baby Boa Constrictor. From 5mm to 100mm (4") Dia
Part No. 7101

Boa Constrictor. From 10mm to 160mm (6 1/4") Dia
Part No. 7102



SEEKEY

A handy visual aid that makes navigation easier, more fun and safer especially for people with limited colour vision. Arrange the filters side by side and hold SEEKEY close to one eye (or in front of binoculars) and shut the other eye. Thereafter move SEEKEY in order to look alternately through the red and green filter. Red is only visible through the red filter (rounded corners). Green is only visible through the green filter and white is clearly visible through both filters. This device also helps people with normal colour vision distinguish colours in poor light and at great distances.

Part No. 8970



ECOBlast AIR HORN

No chemicals! No batteries! Just NOISE! The Ecoblast runs on compressed air (obtained via it's own hand pump) making this the most efficient and economical marine safety or starting device currently available. Powerful 115db sound with built in volume control - Recharge quickly & easily with air from most bike pumps or compressors - Produces up to 70 blasts per recharge - Take it anywhere and it floats - it's super light at only 100grams

USE IT AGAIN AND AGAIN AND NEVER RUN OUT OF NOISE!
Meets U.S.C.G. regulations - always carry a fog signalling device in case of engine failure. Comes with high pressure mini air pump and instructions.

Part No. 8883

SIGNAL HORN

Signal horn complete with air canister

Part No. 8880



DRY BAGS

Attractive blue and white dry bags ideal for dinghy's and storing water sensitive items.

Part No. 8945 12L Dry Bag

Part No. 8946 30L Dry Bag



FUEL LINE AND BULB

Part No. 8884 2m Fuel Line

Part No. 8885 Fuel Primer bulb



SKIPPERS ASSORTMENT BOX

Plastic assortment box with screws, carbine hooks, shackles, split pins, split rings, wire clamps and thimbles.

Part No. 8887 Skippers Box



ENGINE FLUSHER

Flush your engine through with fresh water to reduce salt water corrosion, has a standard hose connector fitting.

Part No. 8947 Black



WHIPPING TWINE

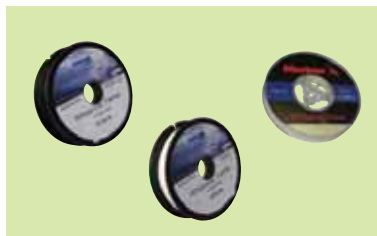
Waxed whipping twine 1mm x 30m available in black and white.

Part No. 8943 Black

Part No. 8943W White

Marlow No. 4 Medium weight Waxed Whipping Twine

Part No. 3242



BUNGY

Mooring compensator for safe and gentle mooring. Easily fitted to the line after mooring (no free end needed), only minimal slack required, suitable for all lines up to 20mm. Supplied in packs of 2.

Part No. 8956



RUBBER SNUBBER

Rubber mooring compensator

Part No. 8890 10-12mm Snubber

Part No. 8891 12-14mm Snubber



WEBBING PRE-PACKS

Pre-Packed Polypropylene webbing 2.5m Long.

Part No.	Width mm	Colour
32-10BK	25	Black
32-10BU	25	Blue
32-10RD	25	Red
32-10WH	25	White
32-10YE	25	Yellow
32-15BK	40	Black
32-15BU	40	Blue
32-15NY	40	Navy
32-15RD	40	Red
32-15WH	40	White
32-15YE	40	Yellow
32-20BK	50	Black
32-20BU	50	Blue
32-20NY	50	Navy
32-20RA	50	Rainbow
32-20RD	50	Red
32-20WH	50	White
32-20YE	50	Yellow

VELCRO STICK ON COINS

Self adhesive coins 16mm diameter. 16 sets of hook and loop supplied.

Part No. V60227 White
Part No. V60228 Black

HEAVY DUTY STICK ON COINS

Velcro Heavy Duty Self adhesive coins 45mm diameter. 6 sets of hook and loop supplied.

Part No. V60248 Black

VELCRO STICK ON SQUARES

Self adhesive Squares 25mm x 25mm. 24 sets of hook and loop supplied.

Part No. V60235 White
Part No. V60236 Black

VELCRO STICK ON TAPE

Self adhesive Tape 20mm wide hook and loop supplied.

Part No. V60224 50cm White
Part No. V60225 50cm Black
Part No. V60210 1m White
Part No. V60211 1m Black
Part No. V60214 2.5m White
Part No. V60215 2.5m Black
Part No. V60216 5m White
Part No. V60217 5m Black
Part No. V60219 10m White
Part No. V60220 10m Black

HEAVY DUTY STICK ON STRIPS

Self adhesive Strips 50mm x 100mm.
2 sets of hook and loop supplied.

Part No. V60240 White
Part No. V60239 Black



HEAVY DUTY VELCRO STICK ON TAPE

Self adhesive Tape 50mm wide hook and loop supplied.

Part No. V60242	1m White
Part No. V60241	1m Black
Part No. V60244	5m White
Part No. V60243	5m Black



VELCRO ADJUSTABLE TIES

Useful for securing and tidying items around the Home & Boat. Small (Rainbow) ties have 5 ties and Medium (Red) and large (Green) both have 6 Ties Per Pack. All are 12mm wide.

Part No. V60250	20cm Long
Part No. V60251	28cm Long
Part No. V60252	38cm Long



SELF GRIPPING TIES

Self Gripping Strip hook one side loop the other. Only available in black. 5m roll supplied, easily cut down to any length

Part No. V60253	10mm x 5m
Part No. V60254	30mm x 5m



VELCRO CARRYING STRAP

50mm Velcro strap with handle, Ideal for carrying bundles or bulky items to the Boat.

Part No. V60326	1.8m Long
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VELCRO HANGING STRAPS

2 x 37mm Velcro straps for securing items to walls etc, complete with fixings.

Part No. V60325	55cm Long
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VELCRO ADJUSTABLE STRAPS

2 x 25mm Velcro straps for bundling & tidying general items around the Home & Boat.

Part No. V60328	46cm Long
Part No. V60327	92cm Long



VELCRO STRETCH STRAPS

2 x 25mm Velcro stretch straps for a firm grip on flexible items and materials.

Part No. V60324	68cm Long
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VELCRO WIDE STRAPS

2 x 50mm wide adjustable Velcro straps for securing heavy or bulky items.

Part No. V60323	92cm Long
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FENDER ROPES

Pack of 2. Complete with spliced eye at one end.

Part No. 8870	6mm Rope
Part No. 8871	8mm Rope
Part No. 8882	10mm Rope



BALL TIES

Pack of 4 shock cord with balls at each end.

Part No. 8872	400mm Red
Part No. 8872B	400mm Blue
Part No. 8873	500mm Red
Part No. 8873B	500mm Blue



SHOCK CORD CLAMP TIES

4 pack of shock cord with clamp tie at one end.

Part No. 8874	300mm
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BACK SUPPORTER

Clip on back rest suitable for up to 6mm guard rail wire.

Part No. 8963	
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SEDDON LINK

These webbing links are extremely popular due to their simplicity and adaptability, fitted or removed in seconds, they provide very strong attachment points for safety lines or sheet blocks. Available in two sizes to fit 25mm tube and 48mm tube.

Part No. SS-08-05	25mm Diameter
Part No. SS-08-06	48mm Diameter



SS-16-07, SS-16-09



SS-15-30



SS-15-28

SPINNAKER POLE END

A truly robust range of end fittings, Fabricated from 316 Stainless Steel they are very durable and capable of survival even in the toughest conditions.

Part No.	Pole Dia
SS-16-07	25mm
SS-16-09	32mm
SS-15-28	40mm
SS-15-30	50mm

SPINNAKER POLE BRACKET

Manufactured from 316 Stainless Steel for a long corrosion free life.



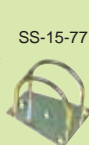
SS-15-71



SS-15-72



SS-15-75



SS-15-77

Part No.	Description
SS-15-71	25mm Stanchion Mounted bracket
SS-15-72	Bracket with high ring
SS-15-73S	Bracket with bar
SS-15-75	Bracket with high bar
SS-15-77	Bracket with low bar

MIDSHIPMAN STEERING LOCK

Sea Sure produced the first Midshipman rope lock over 25 years ago. It has been an essential piece of equipment on many yachts ever since.

The new version maintains the rugged reliability of the original and brings the design fully up to date. New design suitable for any tiller steered yacht or sports boat. Simple mechanism allows tiller to be set and adjusted - indispensable for short handed sailing.

Innovative design incorporates a snubber which holds a far better course than simply lashing the tiller.

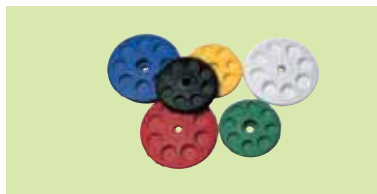
Part No. SS-19-27 Midshipman II



DISK TRAPE E HANDLES

A new range of simple and very light weight handles available in either 52mm or 65mm diameter to suite different hand sizes.

Size	Part No. Black	Part No. Red	Part No. Green
52mm	SS-19-31	SS-19-31RED	SS-19-31GRN
65mm	SS-19-32	SS-19-32RED	SS-19-32GRN



TILLER EXTENSION ENDS

Flexible tiller extension ends.

Part No.	Description
SS-23-44	Flexible End Set
SS-23-67	Extra Flexible End Set
SS-23-76	Quick Release Kit



TILLER EXTENSIONS

Aluminium tiller extensions with long ribbed handle and fitted with the seasure quick release kit.

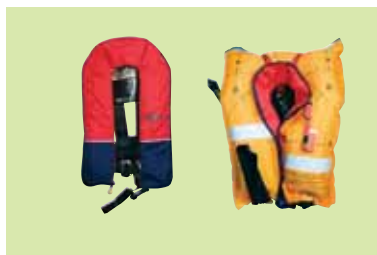
Part No.	Length cm
SS-23-32A	61
SS-23-32B	110
SS-23-32C	120
SS-23-32D	130
SS-23-32E	210



LIFE JACKETS

CSR 150N sport life jackets come complete with a built in harness and crotch strap, they are available as either manual gas inflation or automatic gas inflation, both options have a mouth piece to inflate without using the gas if required. Both have solas reflective tape a whistle and a lifting strap.

Part No. 1368 Manual with harness
Part No. 1369 Auto with harness



LIFE JACKET GAS REFILLS

Refills for the CSR lifejackets

Part No. 1368RK Manual re-arming kit
Part No. 1369RK Auto re-arming kit





25mm BLOCKS

Small 1" (25mm) blocks made from Stainless Steel with a 1" Nylon sheave, suitable for up to 6mm rope.

Part No. 3960 1" Block with pin

Part No. 3961 1" Block with shackle

Part No. 3962 1" Block



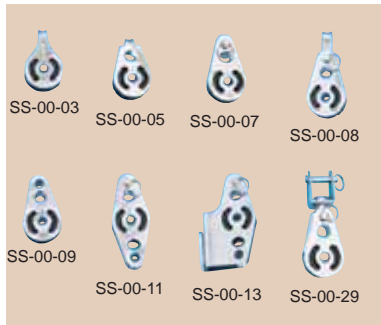
SEA SURE 25mm BLOCKS

The high strength to weight ratio and simple construction gives years of trouble free service. They feature hollow rivets for lightness and tough plastic sheaves that provide a good bearing surface allowing easy rotation under a range of load conditions. Made from Stainless Steel and "Arnite" plastic.

BOLT DOWN BLOCKS

1" (25mm) screw down blocks. Suitable for up to 6mm rope.

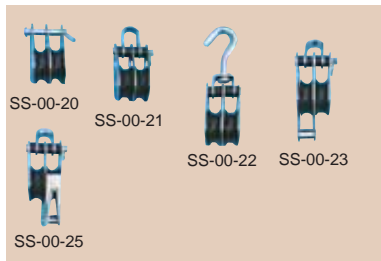
Part No.	Description
SS-00-01	Bolt Down Block
SS-00-02	Deck Mount Block
SS-00-15	Quater Lead Block Short plate
SS-00-16	Quater Lead Block long plate
SS-00-17	Deck Lead Block
SS-00-19	Base Mount Swivel Block



SINGLE BLOCKS

1" (25mm) single blocks. Suitable for up to 6mm rope.

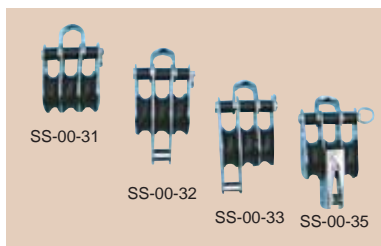
Part No.	Description
SS-00-03	Light weight general block
SS-00-05	General purpose block
SS-00-07	Block with clevis pin
SS-00-08	Block with shackle
SS-00-09	Block with hollow rivet
SS-00-11	Block with becket
SS-00-13	Block with jammer
SS-00-29	Swivel block



DOUBLE BLOCKS

1" (25mm) double blocks. Suitable for up to 6mm rope.

Part No.	Description
SS-00-20	Double Block with clevis pin
SS-00-21	Double block with shackle
SS-00-22	Double block with hook
SS-00-23	Double block with becket
SS-00-25	Double block with jammer



TREBLE BLOCKS

1" (25mm) treble blocks. Suitable for up to 6mm rope.

Part No.	Description
SS-00-31	Treble block with shackle
SS-00-32	Treble block with centre becket
SS-00-33	Treble block with becket
SS-00-35	Treble block with jammer

25mm BRASS SHEAVE BLOCKS

Made from Stainless Steel with a Chrome plated Brass sheave. For use in high load applications such as those imposed by wire and Dyneema halyards. The Stainless Steel side plates prevent highly abrasive ropes from cutting in. Suitable for 4mm Wire, Dyneema, Spectra or Kevlar. Breaking load 950Kg.

Part No.	Description
SS-01-01	Single Block with Shackle
SS-01-03	Single Block with becket
SS-01-14	Deck lead block



SEA SURE 28mm BALL RACE BLOCKS

These lightweight high load capacity blocks are made from carbon fibre with Stainless Steel Straps, the ball race is made with Stainless Steel balls with a carbon fibre hub and cage. Suitable for up to 8mm rope.

Part No.	Description	Breaking Load Kg
SS-28-72	Single Ball race block with swivel	650Kg
SS-28-76	Single ball race bolt down block	650Kg
SS-28-78	Double ball race block with shackle	1225Kg



SEA SURE 38mm BLOCKS

The high strength to weight ratio and simple construction gives years of trouble free service. Made from Stainless Steel and "Arnite" plastic. Suitable for up to 10mm rope

Part No.	Description
SS-03-00	38mm Single Block with Shackle
SS-03-01	38mm Single Block with Clevis Pin
SS-03-03	38mm Single Block with Becket
SS-03-31	38mm Single Block with Hollow Rivet



SEA SURE 50mm BLOCKS

Carbon Fibre roller race blocks, the use of Carbon Fibre needle roller bearings means that they run well even under high loads. Made from Acetal and Stainless Steel with Carbon Fibre Bearings. Suitable for up to 12mm rope.

Part No.	Description
SS-39-03	Single block with becket
SS-39-05	Single block with swivel
SS-39-10	Double block with shackle



SEA SURE TURNING BLOCKS

Made from 316 Stainless Steel with a Nylon Sheave. Stanchion Block is suitable for 1" (25mm) Stanchions. The hinged action allows the Nylon sheave to pull into line as the rope tightens. both are for use with 10mm rope.

Part No. 3950	Stanchion Block
Part No. 3952	Lead Block (2 position)
Part No. SS-03-48	Deck / mast mounted block



HOLT STANCHION BLOCK

Made from Nylon with Stainless Steel Fastenings. Suitable for 1" (25mm) Stanchions with 10mm rope. rotates to take up most angles.

Part No. 3953

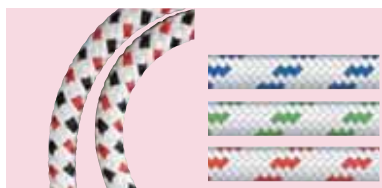


PolyBraid 16



100% high strength polyester with a 16 braid cover and a low stretch core, it has very good wear resistance and is easy to splice. it is particularly suitable for main-sail halyards, genoa and sheets.

Diameter	6 mm	8 mm	10 mm	12 mm	14 mm	16 mm
Red	P-73-02060	P-73-02080	P-73-02100	P-73-02120	P-73-02140	P-73-02160
Yellow	P-73-04060	P-73-04080	P-73-04100	P-73-04120	P-73-04140	P-73-04160
Green	P-73-05060	P-73-05080	P-73-05100	P-73-05120	P-73-05140	P-73-05160
Blue	P-73-06060	P-73-06080	P-73-06100	P-73-06120	P-73-06140	P-73-06160
White	P-73-09060	P-73-09080	P-73-09100	P-73-09120	P-73-09140	P-73-09160
Strength Kg	800	1500	2100	2700	3800	5000
Reel Length m	185	150	220	165	110	85

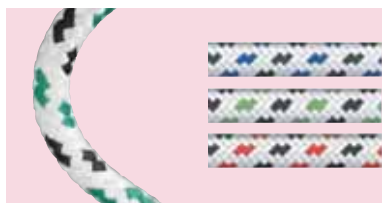


BORA

A very strong rope with smooth abrasion resistant surface and a very compact design. Bora is a soft rope which retains its flexibility and softness even in wet conditions. Suitable to be used for halyards as well as trimming purposes. Bora is made from braided 16 strand abrasion resistant polyester with a core made from pre stretched polyester.

Available in either White with Red, Blue or Green fleck.
Sold by the Metre or on 100m Reels

Diameter	2 mm	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm	12 mm
Blue	L02-02B	L02-03B	L02-04B	L02-05B	L02-06B	L02-08B	L02-10B	L02-12B
Green	L02-02G	L02-03G	L02-04G	L02-05G	L02-06G	L02-08G	L02-10G	L02-12G
Red	L02-02R	L02-03R	L02-04R	L02-05R	L02-06R	L02-08R	L02-10R	L02-12R
Yellow	L02-02Y	L02-03Y	L02-04Y	L02-05Y	L02-06Y	L02-08Y	L02-10Y	L02-12Y
Strength Kg	100	200	400	500	850	1300	1900	2200



BREE E

An extraordinary soft and flexible rope with high strength, suitable for mainsail, gen and spinnaker halyards and sheets. Breeze retains its flexibility during its entire service life.

Breeze is made from braided 16 strand abrasion resistant polyester with a core made from 8 braid low stretch abrasion resistant polyester.

Available in either White with Red, Blue or Green fleck.
Sold by the Metre or on 100m Reels

Diameter	6 mm	8 mm	10 mm	12 mm	14 mm	16 mm
Blue	L03-06B	L03-08B	L03-10B	L03-12B	L03-14B	L03-16B
Green	L03-06G	L03-08G	L03-10G	L03-12G	L03-14G	L03-16G
Red	L03-06R	L03-08R	L03-10R	L03-12R	L03-14R	L03-16R
Yellow	L03-06Y	L03-08Y	L03-10Y	L03-12Y	L03-14Y	L03-16Y
Strength Kg	1100	1500	2000	2700	3800	4600



HURRICANE

Exceptionally soft and flexible rope with good strength and low stretch. this is perfect for sheets and is easy to splice. made from Polyester core and a 16 braid large weave outer cover.

Sold by the Metre or on 100m Reels

Diameter	6 mm	8 mm	10 mm	12 mm	14 mm	16 mm
Red	L26-06R	L26-08R	L26-10R	L26-12R	L26-14R	L26-16R
Blue	L26-06B	L26-08B	L26-10B	L26-12B	L26-14B	L26-16B
Green	L26-06G	L26-08G	L26-10G	L26-12G	L26-14G	L26-16G
Yellow	L26-06Y	L26-08Y	L26-10Y	L26-12Y	L26-14Y	L26-16Y
Strength Kg	1400	1600	2130	3040	4000	4850

MELTEMI

Universal sheet and halyard rope, strong and soft, it retains its flexibility and softness even when wet. High abrasion and UV resistance. Easy to splice made from double braid Polyester with a soft weave 16 braid outer cover.

Sold by the Metre or on 100m Reels



Diameter	6 mm	8 mm	10 mm	12 mm	14 mm	16 mm
Red	L27-06R	L27-08R	L27-10R	L27-12R	L27-14R	L27-16R
Blue	L27-06B	L27-08B	L27-10B	L27-12B	L27-14B	L27-16B
Green	L27-06G	L27-08G	L27-10G	L27-12G	L27-14G	L27-16G
Yellow	L27-06Y	L27-08Y	L27-10Y	L27-12Y	L27-14Y	L27-16Y
Strength Kg	780	1180	2120	2960	4200	5250

LAGUNA

Very soft, touch friendly, strong rope with good abrasion resistance. A reliable rope with a long service life, it retains its softness and flexibility throughout. It is made from a soft double braid polyester with a 16 braid outer cover.

Sold by the Metre or on 100m Reels



Diameter	8 mm	10 mm	12 mm	14 mm
White / Navy	L28-08WN	L28-10WN	L28-12WN	L28-14WN
White / Black	L28-08WB	L28-10WB	L28-12WB	L28-14WB
Navy	L28-08N	L28-10N	L28-12N	L28-14N
Blue	L28-08B	L28-10B	L28-12B	L28-14B
Strength Kg	2060	2200	2900	3500

EPHYR

High quality rope with a high grip matt finish cover which is suitable especially for hand work. Zephyr is a soft and flexible rope which retains its flexibility and does not lose it for its entire service life. Especially suitable for mainsail, jib and spinnaker sheets. Zephyr is made from braided 16 strand abrasion resistant polyester with a core made from 8 braid low stretch abrasion resistant polyester.

Sold by the Metre or on 100m Reels



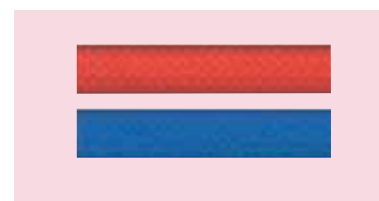
Diameter	6 mm	8 mm	10 mm	12 mm	14 mm	16 mm
White/Red	L04-06R	L04-08R	L04-10R	L04-12R	L04-14R	L04-16R
White/Blue	L04-06B	L04-08B	L04-10B	L04-12B	L04-14B	L04-16B
Blue/White	L04-06BW	L04-08BW	L04-10BW	L04-12BW	L04-14BW	L04-16BW
Red/White	L04-06RW	L04-08RW	L04-10RW	L04-12RW	L04-14RW	L04-16RW
Strength Kg	750	1100	1700	3100	3400	4100

POSEIDON

High quality rope with a high grip matt finish cover which is suitable especially for hand work. Poseidon is a soft and flexible rope which retains its flexibility and does not lose it for its entire service life. Especially suitable for spinnaker halyards. Poseidon is made from braided 16 strand abrasion resistant polyester with a core made from 8 braid low stretch abrasion resistant polyester.

Available in either Red or Blue

Sold by the Metre or on 100m Reels



Diameter	6 mm	8 mm	10 mm	12 mm
Red	L05-06R	L05-08R	L05-10R	L05-12R
Blue	L05-06B	L05-08B	L05-10B	L05-12B
Strength Kg	750	1100	1700	3100



TRIMLINE DINGHY-XL

A heat-set 16-braid polyester filament rope used by dinghy sailors for control and trim lines.

Dia	Reel (M)	Break Load Kg	White	Red	Red	Blue	Yellow	Green
3	100	160	P-28-09030	P-28-02030	P-28-06030	P-28-04030	P-28-05030	
4	100	360	P-28-09040	P-28-02040	P-28-06040	P-28-04040	P-28-05040	
5	100	440	P-28-09050	P-28-02050	P-28-06050	P-28-04050	P-28-05050	
6	100	580	P-28-09060	P-28-02060	P-28-06060	P-28-04060	P-28-05060	



HAWAII

Soft but strong rope, the structural design gives the rope increased elongation. Suitable for Mooring and Anchoring. Made from abrasion resistant Polyester with a twisted core and a 16 braid outer cover.

Sold by the Metre or on 100m Reels

Diameter	8 mm	10 mm	12 mm	14 mm	16 mm	18 mm	20 mm
Part No.	L10-08B	L10-10B	L10-12B	L10-14B	L10-16B	L10-18B	L10-20B
Strength Kg	1300	1900	2200	2700	3800	4600	5000

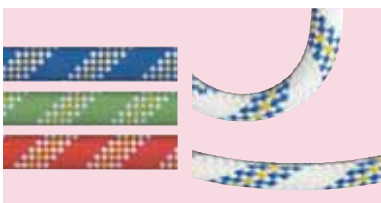


CLIPPER

Clipper is a very soft rope which retains it's flexibility even in wet conditions and does not lose it during it's life. A strong abrasion resistant rope suitable for many applications thanks to it's ability to hold knots and it's design. Made from braided 12 or 8 strand depending on size abrasion resistant Polyester with a twisted core.

Sold by the Metre or on 100m Reels

Diameter	2 mm	3 mm	4 mm	5 mm	6 mm	8 mm	10 mm
Part No.	L15-02W	L15-03W	L15-04W	L15-05W	L15-06W	L15-08W	L15-10W
Strength Kg	100	200	400	450	600	1100	1800



BLI ARD

A very strong, extremely soft and flexible rope with forty strand braid which makes it very resistant when used in cleats. Suitable for mainsail, gen and spinnaker halyards and sheets. Blizzard retains it's flexibility during it's entire service life. Blizzard is made from 24, 40 and 48 strand braided cover depending on size, with an 8 braid core made from low stretch abrasion resistant polyester fibres.

Available in either Red, Blue or green all with White and Yellow Fleck
Sold by the Metre or on 100m Reels

Diameter	5 mm	6 mm	8 mm	10 mm	12 mm	14 mm
Blue	L01-05B	L01-06B	L01-08B	L01-10B	L01-12B	L01-14B
Green	L01-05G	L01-06G	L01-08G	L01-10G	L01-12G	L01-14G
Red	L01-05R	L01-06R	L01-08R	L01-10R	L01-12R	L01-14R
Yellow	L01-05Y	L01-06Y	L01-08Y	L01-10Y	L01-12Y	L01-14Y
Strength Kg	650	850	1800	2500	3000	3600



CRUISING

The cover is of matt polyester yarn for ease of handling. 24-braid construction makes it very dimensionally stable and low stretch.

Dia mm	Reel (M)	Break Load Kg	Red	Blue	White
6	185	560	P-63-02060	P-63-06060	P-63-09060
8	150	1000	P-63-02080	P-63-06080	P-63-09080
10	220	1500	P-63-02100	P-63-06100	P-63-09100
12	165	2000	P-63-02120	P-63-06120	P-63-09120
14	110	2500	P-63-02140	P-63-06140	P-63-09140

MARINER

A very flexible, pliable and strong rope. Suitable to be used for flag halyards etc. Made from Braided 8 or 16 strand Nylon depending on size with a parallel core. Available in White. Sold by the Metre or on 100m Reels



Diameter	2 mm	3 mm	4 mm	5 mm	6 mm	7 mm	8 mm	9 mm	10 mm
Part No.	L17-02W	L17-03W	L17-04W	L17-05W	L17-06W	L17-07W	L17-08W	L17-09W	L17-10W
Strength Kg	165	230	420	650	940	1200	1300	1800	1850

CORAL

A soft and flexible rope with high strength and elongation. Excellent resistance to abrasion, it has a smooth surface and is made from braided Nylon with no core. Available in White. Sold by the Metre or on 100m Reels



Diameter	12 mm	14 mm	16 mm	18 mm	20 mm
Part No.	L11-12W	L11-14W	L11-16W	L11-18W	L11-20W
Strength Kg	2000	2600	3900	4200	5200

POLY-LIGHT

Polyropes' 16-braided light-wind sheet is manufactured from 100% pp multifilament fibres of the highest quality.

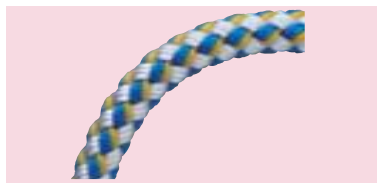


Dia mm	Reel (M)	Break Load Kg	RED	BLUE	GREEN
4	200	225	P-45-02040	P-45-06040	P-45-05040
6	150	370	P-45-02060	P-45-06060	P-45-05060
8	100	760	P-45-02080	P-45-06080	P-45-05080

SIROCCO

Very flexible, light floating rope made from UV stabilised double braid Polypropylene with a 16 braid outer cover, this is suitable for a wide range of applications ranging from spinnaker sheets through to tow ropes up to floating mooring ropes.

Available in either Red or Blue
Sold by the Metre or on 100m Reels

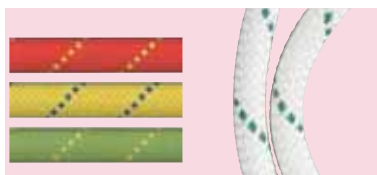


Diameter	6 mm	8 mm	10 mm	12 mm
Red	L08-06R	L08-08R	L08-10R	L08-12R
Blue	L08-06B	L08-08B	L08-10B	L08-12B
Strength Kg	750	1000	1500	1800

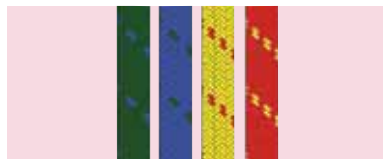
GALE

Gale is a lightweight floating rope which finds many applications on board a boat, thanks to its low weight, softness, flexibility and bright colours. Can be used for rescue ropes, light weight spinnaker rope or even as a tow rope. Made from 40 braid Polypropylene with a parallel core.

Available in Red with Yellow, Yellow with Blue and Green with Yellow fleck.
Sold by the Metre or on 100m Reels



Diameter	6 mm	8 mm	10 mm	12 mm
Red	L06-06R	L06-08R	L06-10R	L06-12R
Yellow	L06-06Y	L06-08Y	L06-10Y	L06-12Y
Green	L06-06G	L06-08G	L06-10G	L06-12G
Blue	L06-06B	L06-08B	L06-10B	L06-12B
Strength Kg	400	1000	1500	2100



DINGHY

The dinghy rope is characterised by a combination of strength, elasticity and flexibility. As ancillary rope it has many uses. however, the rope is liable to shrink if soaked. Made from braided Nylon.

Sold by the Metre or on 100m Reels

Diameter	2 mm	3 mm	4 mm	5 mm	6 mm	7mm	8mm	9mm
Red	L16-02R	L16-03R	L16-04R	L16-05R	L16-06R	L16-07R	L16-08R	L16-09R
Blue	L16-02B	L16-03B	L16-04B	L16-05B	L16-06B	L16-07B	L16-08B	L16-09B
Green	L16-02G	L16-03G	L16-04G	L16-05G	L16-06G	L16-07G	L16-08G	L16-09G
Yellow	L16-02Y	L16-02Y	L16-04Y	L16-05Y	L16-06Y	L16-07Y	L16-08Y	L16-09Y
Strength Kg	120	190	340	510	1000	1300	1640	1900

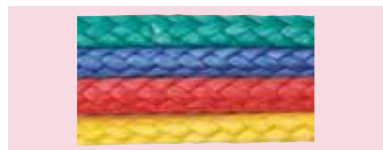


D-F1

An unbeatable strong rope with minimal elongation. The protective surface coating gives good abrasion resistance and stability when exposed to UV. Made from 12 braid heat set Dyneema.

Sold by the Metre or on 100m Reels

Diameter	4 mm	5mm	6 mm	8 mm	10 mm	12 mm	14 mm	16 mm
Red	L20-04R	L20-05R	L20-06R	L20-08R	L20-10R	L20-12R	L20-14R	L20-16R
Blue	L20-04B	L20-05B	L20-06B	L20-08B	L20-10B	L20-12B	L20-14B	L20-16B
Green	L20-04G	L20-05G	L20-06G	L20-08G	L20-10G	L20-12G	L20-14G	L20-16G
Yellow	L20-04Y	L20-05Y	L20-06Y	L20-08Y	L20-10Y	L20-12Y	L20-14Y	L20-16Y
White	L20-04W	L20-05W	L20-06W	L20-08W	L20-10W	L20-12W	L20-14W	L20-16W
Strength Kg	1700	2900	3700	7500	9900	17000	24000	28000



RACING D100

100% prestretched Dyneema made in bright colours with a 12 braid construction PU and UV treated

Dia mm	Reel (M)	Break Load Kg	Red	Blue	Green	Yellow
3	100	800	P-96-02030	P-96-06030	P-96-05030	P-96-04030
4	100	1200	P-96-02040	P-96-06040	P-96-05040	P-96-04040



DYNESPORT

Highly durable rope with good strength, low elongation and good abrasion resistance. Perfect Halyard rope for Mainsail, Jib and Spinnaker. Made with a Dyneema core and polyester cover. Sold by the Metre or on 100m Reels

Dia mm	Reel (M)	Break Load Kg	Red	Blue	Green	Yellow
2	100	200	L23-02R	L23-02B	L23-02G	L23-02Y
3	100	400	L23-03R	L23-03B	L23-03G	L23-03Y
4	100	800	L23-04R	L23-04B	L23-04G	L23-04Y
5	100	900	L23-05R	L23-05B	L23-05G	L23-05Y
6	100	1800	L23-06R	L23-06B	L23-06G	L23-06Y
8	100	2600	L23-08R	L23-08B	L23-08G	L23-08Y
10	100	4000	L23-10R	L23-10B	L23-10G	L23-10Y
12	100	6800	L23-12R	L23-12B	L23-12G	L23-12Y

D-RACE

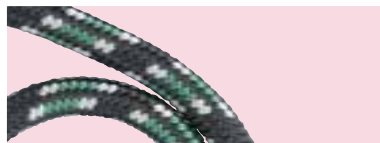
A Very strong rope with low elongation. The structure of the polyester cover gives good grip making it an ideal rope for racing yachts. Made from Dyneema core with a polyester cover. Sold by the Metre or on 100m Reels



Dia mm	Reel (M)	Break Load Kg	Red	Blue	Green	Yellow
3	100	360	L21-03R	L21-03B	L21-03G	L21-03Y
4	100	750	L21-04R	L21-04B	L21-04G	L21-04Y
5	100	1300	L21-05R	L21-05B	L21-05G	L21-05Y
6	100	1800	L21-06R	L21-06B	L21-06G	L21-06Y
8	100	3300	L21-08R	L21-08B	L21-08G	L21-08Y
10	100	5550	L21-10R	L21-10B	L21-10G	L21-10Y
12	100	8200	L21-12R	L21-12B	L21-12G	L21-12Y
14	100	10200	L21-14R	L21-14B	L21-14G	L21-14Y
16	100	13000	L21-16R	L21-16B	L21-16G	L21-16Y

V-PROFI VECTRAN

A rope with outstanding strength and low elongation. The inner core is made from braided 100% Vectran fibre making it an excellent choice for all halyards and backstays. Made from vectran fibre core with a braided polyester cover.



Dia mm	Reel (M)	Break Load Kg	Red	Blue	Green	Yellow
4	100	750	L22-04R	L22-04B	L22-04G	L22-04Y
5	100	1000	L22-05R	L22-05B	L22-05G	L22-05Y
6	100	1300	L22-06R	L22-06B	L22-06G	L22-06Y
8	100	2250	L22-08R	L22-08B	L22-08G	L22-08Y
10	100	3900	L22-10R	L22-10B	L22-10G	L22-10Y
12	100	6000	L22-12R	L22-12B	L22-12G	L22-12Y
14	100	7800	L22-14R	L22-14B	L22-14G	L22-14Y
16	100	9700	L22-16R	L22-16B	L22-16G	L22-16Y

DYNEPLUS

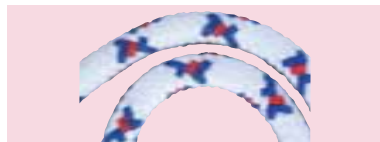
A Dyneema rope displaying minimum elongation at an affordable price. A good rope for sporting applications. Made from Dyneema core with a polyester cover. Sold by the Metre or on 100m Reels



Dia mm	Reel (M)	Break Load Kg	Red	Blue	Green	Yellow
6	100	1200	L24-06R	L24-06B	L24-06G	L24-06Y
8	100	1650	L24-08R	L24-08B	L24-08G	L24-08Y
10	100	3000	L24-10R	L24-10B	L24-10G	L24-10Y
12	100	5100	L24-12R	L24-12B	L24-12G	L24-12Y
14	100	7500	L24-14R	L24-14B	L24-14G	L24-14Y
16	100	9500	L24-16R	L24-16B	L24-16G	L24-16Y

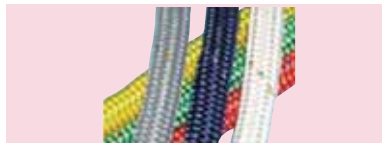
DYNETRIM

High -Tech rope that is flexible and strong it's an ideal sheet rope with low elongation. Made from Dyneema core with a polyester staple cover. Sold by the Metre or on 100m Reels



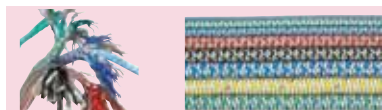
Dia mm	Reel (M)	Break Load Kg	Red	Blue	Green	Yellow	White
4	100	500	L25-04R	L25-04B	L25-04G	L25-04Y	L25-04W
5	100	700	L25-05R	L25-05B	L25-05G	L25-05Y	L25-05W
6	100	1000	L25-06R	L25-06B	L25-06G	L25-06Y	L25-06W
8	100	1250	L25-08R	L25-08B	L25-08G	L25-08Y	L25-08W
10	100	2800	L25-10R	L25-10B	L25-10G	L25-10Y	L25-10W

DYNEEMIC 3003



Best used where the highest demands are made on durability, for example genoa sheet, backstay and the spinnaker guy. It is made up from a 3-layer principle. The core is 100% dyneema SK-75 and the middle layer is spun polypropylene yarn.

Dia mm	Reel (M)	Break Load Kg	Red	Green	Blue	White
8	150	2000	P-97-02080	P-97-05080	P-97-06080	P-97-09080
10	110	3300	P-97-02100	P-97-05100	P-97-06100	P-97-09100
12	165	5100	P-97-02120	P-97-05120	P-97-06120	P-97-09120



DYNEEMIC 4004

Polyester cover and 12 braided Dyneema core. The cover is the same colour as the core and can be stripped off to save weight in low abrasion areas.

Dia mm	Reel (M)	Break Load Kg	Grey / Navy	Grey / Black	Grey / Red	Grey / Blue	Grey / Yellow	Grey / Green
3	100	400	P-98-86030	P-98-81030	P-98-82030	P-98-80030	P-98-84030	P-98-83030
4	100	740	P-98-86040	P-98-81040	P-98-82040	P-98-80040	P-98-84040	P-98-83040
5	100	1250	P-98-86050	P-98-81050	P-98-82050	P-98-80050	P-98-84050	
6	100	1700	P-98-86060	P-98-81060	P-98-82060	P-98-80060	P-98-84060	
8	100	2400	P-98-86080	P-98-81080	P-98-82080	P-98-80080	P-98-84080	P-98-83080



LEECHLINE - DYNEEMA

32-braid polyester cover 100% Dyneema core

Part No.	Dia mm	REEL (M)	Break Load Kg
P-91-09025	2.5	250	450
P-91-09025L	2.5	500	450
P-91-09030	3	250	515
P-91-09030L	3	500	515
P-91-09040	4	250	740
P-91-09040L	4	500	740



DYNEX 75

100% SK-75 braided Dyneema with PU coating for a light, compact strand high-load rope. Larger diameters available to order

Part No.	Dia mm	Reel (M)	Break Load Kg
P-95-08030	3	100	1100
P-95-08040	4	100	2000
P-95-08050	5	100	2900
P-95-08060	6	100	4200
P-95-08080	8	100	6700



LEECHLINE / BOLT ROPE

16-braid High Tenacity polyester with parallel core for low stretch

Part No.	Dia mm	Reel (M)	Break Load Kg
P-30-09030	3	200	160
P-30-09040	4	200	360
P-30-09045	4.5	200	400
P-30-09050	5	200	440

BOLT ROPE

A 3-strand PE rope giving consistent diameter, low compressibility & low shrinkage at low cost.

Part No.	Dia mm	Reel (M)	Break Load Kg
P-31-09060	6	650	740
P-31-09070	7	450	920
P-31-09080	8	350	1250
P-31-09100	10	220	1920



PRE-STRETCHED POLYESTER

Dia mm	Reel (M)	3-Strand White	Braided White
4	250	P-26-09040	P-27-09040
5	250		P-27-09050
6	185	P-26-09060	P-27-09060
8	150		P-27-09080



MULTIBRAID

A White 8-braided mooring/anchor rope of soft and flexible polyester filament.

Dia	Reel (M)	Break Load Kg	Part No.
12	165	2980	P-47-09120
14	110	4000	P-47-09140
16	85	5300	P-47-09160
18	110	6400	P-47-09180



CARACAS

an unbeatable high strength, high stretch Nylon mooring rope. Easy to splice, made from 8 plait Nylon.

Dia	Reel (M)	Break Load Kg	Part No.
16	100	5190	L29-16W
18	100	6430	L29-18W
20	100	7920	L29-20W
22	100	9400	L29-22W
24	100	11200	L29-24W
26	100	12900	L29-26W
28	100	14900	L29-28W
30	100	16900	L29-30W
32	100	19200	L29-32W



JAKARTA

A high quality 8 plait Polyester rope ideally suited for mooring and anchoring applications. Easy to splice made from 8 plait polyester.

Dia	Reel (M)	Break Load Kg	Part No.
16	100	3980	L30-16W
18	100	4990	L30-18W
20	100	6100	L30-20W
22	100	7310	L30-22W
24	100	8610	L30-24W
26	100	10100	L30-26W
28	100	11600	L30-28W
30	100	13200	L30-30W
32	100	15000	L30-32W



MACOA

A White 8-braided mooring/anchor rope of soft and flexible polypropylene.

Dia	Reel (M)	Break Load Kg	White	Navy	Black
16	100	3890	L31-16W	L31-16N	L31-16B
18	100	4940	L31-18W	L31-18N	L31-18B
20	100	5990	L31-20W	L31-20N	L31-20B
22	100	7350	L31-22W	L31-22N	L31-22B
24	100	8610	L31-24W	L31-24N	L31-24B
26	100	9980	L31-26W	L31-26N	L31-26B
28	100	11450	L31-28W	L31-28N	L31-28B
30	100	13130	L31-30W	L31-30N	L31-30B
32	100	14900	L31-32W	L31-32N	L31-32B



POLYESTER SUPERIOR

100% High Tenacity 3-strand polyester giving excellent handling properties and abrasion resistance.

Dia	Reel (M)	Break Load Kg	White	Black	Navy
6	250	665	P-04-09060	P-04-10060	P-04-66060
8	150	1030	P-04-09080	P-04-10080	P-04-66080
10	220	2000	P-04-09100	P-04-10100	P-04-66100
12	165	2900	P-04-09120	P-04-10120	P-04-66120
14	110	3700	P-04-09140	P-04-10140	P-04-66140
16	85	5300	P-04-09160	P-04-10160	P-04-66160
18	110	6400	P-04-09180L	P-04-10180	P-04-66180
20	110	7300	P-04-09200	P-04-10200	P-04-66200
22	110	8830	P-04-09220	P-04-10220	
24	110	10300	P-04-09240	P-04-10240	

KEYWEST

Keywest is the ideal mooring rope thanks to its abrasion resistance and UV resistance it is a rope for the severest conditions. It is easy to splice and retains its softness during its entire service life. Suitable to be used in an electric anchoring winch for its good insulation properties. Made from White three strand twisted Polyester rope with an inner material identification thread. In full accordance with EN697. Sold by the Metre or on 100m Reels

Diameter	6 mm	8 mm	10 mm	12 mm	14 mm	16 mm	18 mm
Part No.	L12-06W	L12-08W	L12-10W	L12-12W	L12-14W	L12-16W	L12-18W
Strength Kg	554	1000	1560	2230	3120	3980	4980

BAHAMA

Bahama is a rope with high flexibility and the ability to absorb energy for the optimum damping of shocks. Bahama is an extremely strong rope with excellent abrasion resistance and is easy to splice. It is suitable both for mooring and anchoring. Made from White three strand twisted Nylon rope with an inner material identification thread. In full accordance with EN696 Sold by the Metre or on 100m Reels.

Diameter	4 mm	6 mm	8 mm	10 mm	12 mm	14 mm	16 mm	18 mm
Part No.	L13-04W	L13-06W	L13-08W	L13-10W	L13-12W	L13-14W	L13-16W	L13-18W
Strength Kg	315	735	1320	2040	2940	4020	5200	6570

MALAGA

An unbelievably lightweight rope suitable for mooring and towing. Malaga retains its flexibility during its entire service life and never gets hard. Thanks to its softness Malaga is very easy to splice. This rope is NOT suitable for anchoring. Made from Three strand twisted Polypropylene rope in accordance with DIN 83334.

Available in White, Red and Blue with a thick White fleck.
Sold by the Metre or on 100m Reels

Diameter	4 mm	6 mm	8 mm	10 mm	12 mm	14 mm	16 mm
White	L14-04W	L14-06W	L14-08W	L14-10W	L14-12W	L14-14W	L14-16W
Blue	L14-04B	L14-06B	L14-08B	L14-10B	L14-12B	L14-14B	L14-16B
Red	L14-04R	L14-06R	L14-08R	L14-10R	L14-12R	L14-14R	L14-16R
Strength Kg	275	590	1040	1530	2170	3000	3700

Diameter	18 mm	20 mm	22 mm	24 mm	26 mm	28 mm	30 mm
White	L14-18W	L14-20W	L14-22W	L14-24W	L14-26W	L14-28W	L14-30W
Blue	L14-18B	L14-20B	L14-22B	L14-24B	L14-26B	L14-28B	L14-30B
Red	L14-18R	L14-20R	L14-22R	L14-24R	L14-26R	L14-28R	L14-30R
Strength Kg	275	590	1040	1530	2170	3000	3700

PRE SPLICED MALAGA

7m length with spliced eye at one end. Available in Blue with a thick White fleck.

Diameter	10 mm	12 mm	14 mm	16 mm
Part No.	L19-10B	L19-12B	L19-14B	L19-16B
Strength Kg	1530	2170	3000	3700

POLYSOFT

A 3-strand pp multi-filament that is soft yet strong. Good uv resistance, does not absorb water. Uses include fender lines, calving ropes and lightweight, temporary mooring lines.

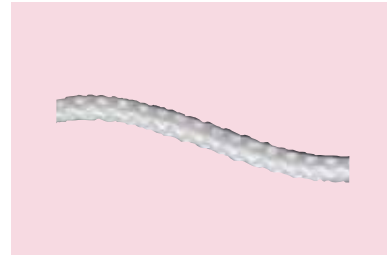
Dia	Reel (M)	Break Load Kg	Green	White	Navy	Black
6	250	550	P-25-06060	P-25-09060	-	P-25-10060
8	350	870	P-25-06080	P-25-09080	P-25-66080	P-25-10080
10	220	1300	P-25-06100	P-25-09100	P-25-66100	P-25-10100
12	165	1860	P-25-06120	P-25-09120	P-25-66120	P-25-10120
14	110	2560	P-25-06140	P-25-09140	P-25-66140	P-25-10140
16	85	3250	P-25-06160	P-25-09160	P-25-66160	P-25-10160
18	110	4130	P-25-06180	P-25-09180	P-25-66180	P-25-10800
20	85	5040	P-25-06200	P-25-09200	P-25-66200	P-25-10200



BRAIDED POLYESTER

A strong, 8 braided general purpose polyester cord.

Part No.	Dia mm	Reel (M)	Break Load Kg
P-29-09020	2	500	96
P-29-09030	3	200	184
P-29-09040	4	200	405
P-29-09050	5	200	520
P-29-09060	6	200	695
P-29-09080	8	100	1700



POLY HEMP

An extremley tough brown 3-strand with low stretch & high UV resistance. For halyards & control lines on traditional crafts.

Dia mm	Reel (M)	Break Load Kg	Brown
6	185	320	P-51-01060
8	150	500	P-51-01080
10	220	800	P-51-01100
12	165	1100	P-51-01120
14	110	1500	P-51-01140
16	85	2000	P-51-01160



OLD TIMER

Has a traditional appearance and is especially suitable for classic craft. Made from 3 strand twisted Polypropylene staple to resemble natural hemp.

Dia mm	Reel (M)	Break Load Kg	Part No.
6	100	355	L33-06
8	100	595	L33-08
10	100	900	L33-10
12	100	1340	L33-12
14	100	1740	L33-14
16	100	2180	L33-16
18	100	2730	L33-18
20	100	3420	L33-20
22	100	4100	L33-22
24	100	4830	L33-24
26	100	5640	L33-26
28	100	6470	L33-28
30	100	7300	L33-30
32	100	8300	L33-32



I LINE PRE-MADE ROPES

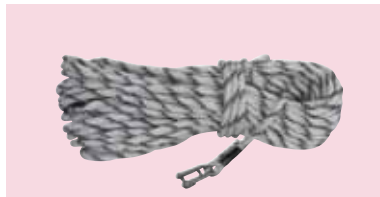
IQ-Line Is a new range of halyards and sheets. Made with stitched loops and cut to convenient lengths. There are two types Racing and Cruising. Racing is made from Dyneema rope with high performance Wichard hooks or shackles and the Cruising range is made from low stretch polyester rope with standard hooks or shackles. All IQ-Lines are supplied in a re-usable zip-up bag ideal for winter storage.

Why Use IQ-Line instead of a splice

When Tested to destruction the IQ line always pulls the hook straight or the rope snaps where it goes around the shackle it has never broken the stitching

The IQ-Line is stitched by an automatic machine and is the same every time unlike a traditional splice which may vary depending on the rigger.

CRUISING HALYARD WITH SHACKLE



CRUISING Range

White Polybraid 32 with black fleck and Standard Shackles

Part No.	Dia mm	Length(M)	Break Load Kg
P-20-09080	8	30	1200
P-20-09100	10	35	2000
P-20-09104	10	40	2000
P-20-09120	12	40	2200

SPINNAKER HALYARD WITH SNAP SHACKLE

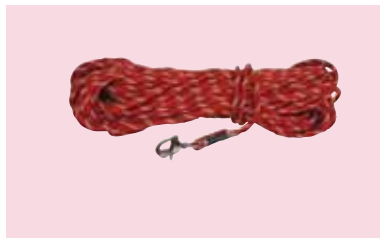


RACING Range

Dyneema Race 3003 in red with Wichard Swivel Snap Shackles

Part No.	Dia mm	Length(M)	Break Load Kg
P-21-02080	8	30	1300
P-21-02100	10	35	1600
P-21-02104	10	40	1600
P-21-02120	12	40	1600

SPINNAKER HALYARD WITH SNAP SHACKLE



CRUISING Range

Red Polybraid 32 with White fleck and Standard Snap Shackles

Part No.	Dia mm	Length(M)	Break Load Kg
P-22-02080	8	30	1200
P-22-02100	10	35	1500
P-22-02104	10	40	1500
P-22-02120	12	40	1500

SPINNAKER HALYARD

Red Polybraid 24 with red or green fleck and Standard Snap Shackles



CRUISING Range

Red Part No.	Green Part No.	Dia mm	Length (M)	Break Load Kg
P-02-02080	P-02-05080	8	20	1200
P-02-02082	P-02-05082	8	25	1200
P-02-02100	P-02-05100	10	20	1700
P-02-02102	P-02-05102	10	25	1700
P-02-02120	P-02-05120	12	22	1700
P-02-02122	P-02-05122	12	27	1700

HALYARD FOR FURLING GENOA/FORESAIL

Blue Polybraid 32 with White fleck and Standard Shackles



CRUISING Range

Part No.	Dia mm	Length(M)	Break Load Kg
P-03-06080	8	30	1200
P-03-06100	10	35	2000
P-03-06104	10	40	2000
P-03-06120	12	40	2000

HALYARD FOR FURLING GENOA/FORESAIL

Blue Polybraid 32 with White fleck and Standard Snap Shackles

Part No.	Dia mm	Length(M)	Break Load Kg
P-08-06080	8	30	1200
P-08-06100	10	35	1700
P-08-06104	10	40	1700
P-08-06120	12	40	2000

CRUISING Range



BRAIDED DOCKLINE - BLACK

A double-braided mooring rope constructed with a smooth yet durable polyester cover and a braided polyamide core. One end is whipped, the other has a 40cm spliced eye.

Dia mm	Reel (M)	Break Load Kg	BLACK	For Boats Up To
15	10	5500	P-06-10150	12m (39ft)
19	10	7200	P-06-10190	15m (49ft)



MOORING ROPE WITH SNUBBER

3 strand mooring line complete with rubber snubber.

Part No. 8875	12mm x 3.4m
Part No. 8875A	14mm x 4m



MOORING ROPE WITH SNUBBER

3 strand mooring line complete with spring snubber.

Part No. 8876	14mm x 3.5m
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MOORING ROPE WITH SPRING HOOK

3 strand mooring line complete with stainless steel spring hook.

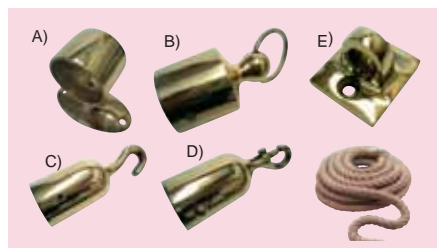
Part No.8877	12mm x 10m
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BANNISTER FITTINGS

Polished solid brass for 36mm rope

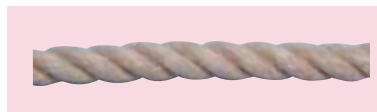
Part No.	FITTINGS
P-99-00100	A) Rope Support
P-99-00101	B) End Fitting with ring
P-99-00102	C) End Fitting with hook
P-99-00104	D) End Fitting with piston hook
P-99-00112	E) Wall Fitting for hook



BANNISTER ROPE

36mm 4 Strand 100% Hemp. Sold by the metre

Part No. P-41-01360



SPLICING KITS

Stainless steel for the professional rigger. Plastic version offers quick, easy splicing for all.

Part No.	Description
P-99-00175	Splice Kit A Stainless Steel 3-14mm
P-99-00180	Splice Kit B Plastic 6-14mm
P-99-00185	Swedish Fid 170mm
P-99-00190	Swedish Fid 265mm

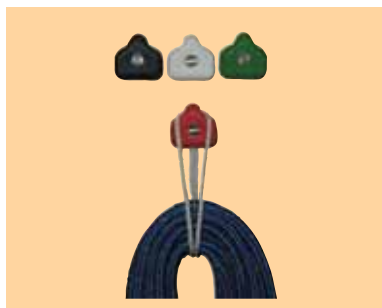




ROPE STOW

Webbing strap to neatly hold a coil of rope. Easily fits onto Life-Lines, any size Hand Rail or can be screwed onto any surface. Pack of 2. Please specify colour of webbing:

Part No.	Colour
15-12BK	Black
15-12BU	Blue
15-12RD	Red
15-12GN	Green
15-12YE	Yellow



BELAYING HOOK

This Belaying Hook provides easy stowage for halyards and other coils of rope (or wire, hose pipe, electrical cable etc.). Moulded in Polypropylene, the hook is available in 4 colours, and is supplied with a metre of line and a stainless steel self tapping screw. Please specify colour:

Part No.	Colour
15-10BK	Black
15-10GR	Green
15-10RD	Red
15-10WH	White



HALYARD BAGS

Storage bags for ropes, keeps cockpit or coach roof tidy. Made in yacht Acrylic canvas, UV resistant. With press stud fasteners for easy fitting and single pocket bags now have new stronger top fasteners.

NEW - now with mesh at the base of the pockets to improve drainage for wet ropes.

Other colours and sizes are made to order.

Part No.	Colour	Type	Size	Style
15-18	White	Large Single	500 x 300mm (20" x 12")	1 Large shockcord closed pocket
15-19	Blue	Large Single	500 x 300mm (20" x 12")	1 Large shockcord closed pocket
15-20	White	Single	300 x 300mm (12" x 12")	1 shockcord closed pocket
15-21	Blue	Single	300 x 300mm (12" x 12")	1 shockcord closed pocket
15-22	White	Double	250 x 300mm (10" x 12")	2 open top pockets
15-23	Blue	Double	250 x 300mm (10" x 12")	2 open top pockets
15-24	White	Triple	380 x 300mm (15" x 12")	3 open top pockets
15-25	Blue	Triple	380 x 300mm (15" x 12")	3 open top pockets

S/S RAIL MOUNTED ROPE HOLDER

Nylon clamp block for up to 25mm rails, with a Stainless Steel hoop, suitable for rope and round life rings.

Part No. 8454

NYLON RAIL MOUNTED ROPE HOLDER

Nylon clamp block for up to 25mm rails, with a Shock cord rope holder.

Part No. 8456

PROP BAG

Bright orange Propeller Bag with draw string and drain hole. To cover the propeller when the boat is on a road trailer. Flat size: 75cm x 65cm (30" x 26")

Part No. 15-70

CABIN TIDY

Net Pocket with wire frame and shock cord opening. Complete with stainless steel self tapping screws.

Part No. 8450 30cm x 20cm (12" x 8")

Part No. 8452 40cm x 26cm (16" x 10")

SLEEPING BAG HOLDALL

Draw string bag made from waterproof P.U. coated nylon, ideal storage for a sleeping bag, duvet or washing, etc. Length: 56cm (22") Diameter: 30cm (12") Colour: Blue

Part No. 19-50

SOLENT CHART CASE

Standard

Smart Blue Chart Case, made in waterproof canvas. To store all charts on board. Size: 75cm x 55cm x 6cm.

Part No. 22-10

Deluxe

As standard, but with extra internal pockets for: Documents, Tide Tables, Tidal Stream Atlases, Pens, Pencils and instruments.

Part No. 22-12

HORSESHOE LIFEBOUY HOLDER

Blue Acrylic canvas, fits over any lifeline or hand rail and ties down to the toe rail. Inside pocket for a light.

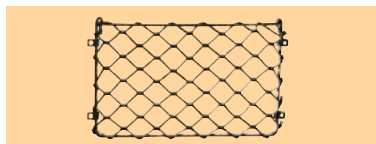
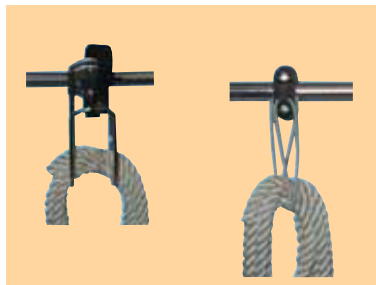
Part No. 16-41

SOLENT HOLDALLS

High quality UK made holdalls made from water-resistant materials. The new Solent Leisure holdalls are available in large and small sizes and are designed for everyday quayside use.

Part No. 19-51 50cm x 22cm x 22cm

Part No. 19-52 61cm x 25cm x 25cm





SOLENT WEEKEND BAG

High quality UK made holdalls made from Yacht acrylic canvas, these stylish holdalls come complete with carrying handles and shoulder strap. They have a double zip opening to allow easy access and a double lined and stiffened base for added durability.

Part No. 19-60	Blue
Part No. 19-61	Brown
Part No. 19-62	Burgundy
Part No. 19-63	Pink



SOLENT SHOULDER BAG

High quality UK made bags made from Yacht acrylic canvas, these stylish bags come complete with carrying / shoulder straps and zip closure.

Part No. 19-70	Blue
Part No. 19-72	Pink



SOLENT WASH BAG

High quality UK made bags made from Yacht acrylic canvas, these stylish bags come complete with a draw string closure for easy access.

Part No. 19-80	Blue
Part No. 19-81	Brown
Part No. 19-82	Burgundy
Part No. 19-83	Pink



MUG HOLDER

The safe and secure way to hold all drinks, hot or cold. To hold a mug, can or a glass, even a wine bottle! Similar to a winch handle pocket, soft light weight white pvc. Complete with stainless steel self tapping screws, easy to fit. Registered Design No. 1036303

Part No. 12-30

CAN HOLDER

White PVC can holder, which doubles as a holder for accessories, such as a fog horn. Complete with S/S self tapping screws.

Part No. 9501

FOLDING DRINK HOLDER

Plastic drink holder that folds flat when not in use available in Black or White

Part No. 12-31	Black
Part No. 12-31W	White

GIMBALED MUG HOLDER

Stainless Steel frame with plastic base, detachable from 2 white plastic wall mounts. Choice of 2 sizes.

Part No. 12-32	76mm Dia
Part No. 12-33	87mm Dia



FENDER PAD

Protects topsides from fender scuff. Fit the Fender Pad between the fenders and the topside to stop the fenders rubbing the Gel Coat and paint work. Closed cell foam covered in Yacht Acrylic canvas.

Size 2m x 0.7m Colour: Blue

Other sizes and colours made to order.

Part No. 15-95



FENDER POCKETS

Simple stowage for fenders on deck, blue Acrylic canvas pockets. Will fit over any Life-Line or hand rail and securely holds two fenders.

15cm (6") Dia Fenders.

Part No. 16-20

23cm (9") Dia Fenders.

Part No. 16-30

Other sizes and colours made to order.



DODGERS

Sewn dodgers made from blue yacht acrylic canvas with brass eyelets and fixing cord.

Two Dodgers 1.6m x 0.4m

Part No. 14-60

Two dodgers 2m x 0.55m

Part No. 14-62

Other sizes and colours made to order.

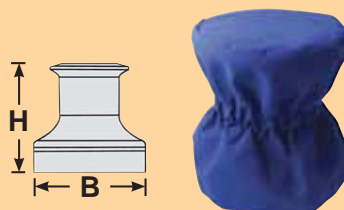


WINCH COVERS

Specifically designed to protect yacht winches from the damaging and corrosive effects of the sun and salt water. The weatherproof and breathable yacht Acrylic material prevents condensation and with the elasticated design, the cover is easily fitted and held firmly in position.

Blue as standard other colours available to order.

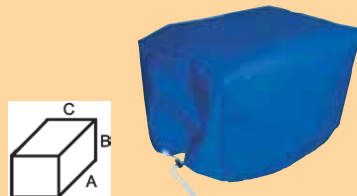
Part No.	Max Base B mm	Max Height H mm	Suitable for Winches
14-10	115	110	7, 8, 16
14-12	155	165	16ST, 30, 40
14-14	185	210	44, 48
14-16	255	235	52, 60



OUTBOARD COVER

Weatherproof and breathable yacht Acrylic canvas with a draw string for a perfect fit.

Part No.	Size	A mm	B mm	C mm
14-40	1	450	200	250
14-42	2	450	250	300
14-44	3	500	300	350
14-46	4	550	350	350





GALLEY STRAP

Cook with ease and comfort in heavy weather. 50mm wide extra heavy webbing with a swivel hook at each end, easily adjustable up to a maximum overall length of 1.4m. You only need two secure eye points.

Part No. 20-01



LIFE-RAFT STRAPS

Secures most life-rafts on deck, two adjustable heavy webbing straps with "quick release" buckles for emergency use. Adjustable up to a maximum length of 1.4m (4'7"). Complete with deck attachments and S/S self tapping screws.

N.B. The person fitting these straps must ensure they are suitable for the life-raft, and that the fittings used are adequate.

Part No. 15-30



BATTERY STRAPS

To secure any size Battery in position. Two adjustable webbing straps with 3-bar buckles to eliminate vibrating loose. Complete with deck attachments and stainless steel self tapping screws.

Part No. 15-35



GAS BOTTLE STRAPS

To secure any size Gas Bottles in place. Two adjustable webbing straps with 'quick release' buckles for easy removal. Complete with deck attachments and stainless steel self tapping screws.

Part No. 15-40



BOAT CUSHIONS

Blue cushions filled with kapok. Machine washable at 30 deg.

Part No. 8878B Single Blue cushion

Part No. 8879B Double Blue cushion



LIFE-LINE CUSHION

Makes Life-Lines a comfort to lean against. Water resistant Foam covered with blue Yacht Acrylic canvas. Easy to fit over any Life-Line.

Part No. 15-80 Size: 0.5m long

Part No. 15-81 Size: 1.4m long

Other sizes and colours made to order.



TOE-RAIL CUSHION

Fits over slotted Aluminium Toe-Rails to cushion the backs of the crew's legs. Water resistant Foam covered with blue Yacht Acrylic canvas.

Part No. 15-87 Size: 1.4m long

Other sizes and colours made to order.

SEA S UARES

A comfortable warm dry seat anywhere. The ideal cockpit cushion for all boats, and the perfect seat for all sports spectators. Made from blue super tough non absorbent foam, these popular and versatile light weight cushions are waterproof, rot proof and easily carried. Available either as a cushion or a back rest complete with Velcro straps to attach to Life-Lines. Size 385mm x 320mm. Colour: Blue

Part No. 19-66 Two Sea Squares

Part No. 19-68 One Sea Square Back Rest



SOLENT BOSUN S CHAIR

With the new design concept, enabling you to stand up and walk around wearing the chair. Just hook onto the halyard and the chair takes up shape - comfortable and safe.



- Made in blue acrylic, with bright yellow straps for better visibility at night.
- Adjustable strap between the legs to stop knees from being pinched together.
- Chair Holdall clips onto the side as a toolbag, giving secure stowage for tools aloft.
- Floats if dropped overboard - even with several tools in it.
- Pocket to fit a wooden seat (Part No. 19-35), if required.
- Recommended for climbing a spar with 'mast steps'.
- To work at the very top of the mast, above the halyard. sheave, use with SOLENT TOPCLIMBER. (Part No. 19-37)

Part No. 19-30 Solent bosuns chair



SOLENT BOSUN S CHAIR FOR DISABLED SAILORS

Designed for lifting disabled sailors into the boat from their wheel chair on the pontoon, with maximum safety and comfort.



- With the wrap around design it is very easy to put on.
- Made with closed cell foam covered in yacht Acrylic to give the comfort of a padded seat.
- Adjustable waist strap to hold firmly in position.
- Two adjustable leg straps to stop knees from being pinched together.
- Two shoulder straps to support the back.
- Chair holdall clips onto the side as a bag.
- Pocket to fit a wooden seat (Part No. 19-35), if required.

Part No. 19-31



BASELINE BOSUN S CHAIR

This Bosun's Chair has a high seat back for comfort and security.

- Complete with clip on stowage bag, which doubles as tool bag.
- Seat pocket for a rigid or soft chair.
- Adjustable waist strap and fixed crotch strap.
- Fitted with downhaul loop.

Part No. 1360



WOODEN SEAT

Optional extra for the Bosun's Chairs, to give a rigid seat, which can be more comfortable if up the mast for any length of time.

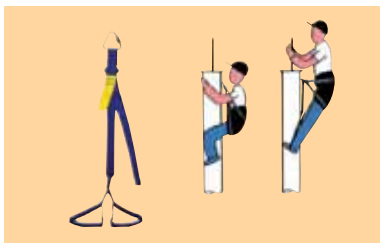
Seat for Solent Bosun's Chairs (1930 and 19-31).

Part No. 19-35

Seat for Baseline Bosun's Chair (1360).

Part No. 1361





TOOL SAVER

No more lost tools dropped overboard! TOOL SAVER secures the tool you are working with by attaching it to your belt or Bosun's Chair. Using spanners and screwdrivers or any hand tools with wet hands often results in dropping them over the side into the water. When working at the top of the mast, it is dangerous if tools are dropped with people on deck below. With TOOL SAVER you can use your valuable tools or fit expensive fittings in confidence. Simply fasten the hook to your belt and put the loop at the other end over the required tool or fitting and pull the shock cord tight.

Part No. 19-36

SOLENT TOPCLIMBER

For use in conjunction with the Solent Bosun's Chair (but also compatible with most other makes), to reach above the halyard sheave, or even above the mast.
An adjustable strap with foot loops, to give that extra height.

When at the top of the mast, connect the SOLENT TOPCLIMBER to the halyard, put your feet in the foot loops, adjust the length, then simply stand up and lean back in the Bosun's Chair.

Part No. 19-37

SAIL TELL-TALES

10 pairs of red and green wool tell-tales (for three headsails), 4 blue ribbon leech-streamers (for one mainsail). Improves your sailing performance. Self adhesive, easy to fit. Complete with fitting instructions.

Part No. 30-01

SAIL TELL-TALE BULK PACKS

Bulk Packs of tell-tales. Self-adhesive.

Part No.	Description
30-04	Pack of 50 Black Wool Sail Tell-Tales
30-05	Pack of 50 Red Wool Sail Tell-Tales
30-06	Pack of 50 Green Wool Sail Tell-Tales
30-07	Pack of 50 Blue Ribbon Leech-Streamers

SHROUD TELL-TALES

Two red and two green Shroud Tell-Tales.
Nylon ribbon, self adhesive, easy to fit.
Always know the wind direction.

Part No. 30-15

BUCKLE SAIL TIES

For yachts up to 12m (40') LOA:
- Quick snap-in and easy side release buckles.
- Easily adjustable up to 1.3m.
- Packet of 2

Part No.	Colour
30-35BK	Black
30-35BU	Blue
30-35RD	Red
30-35W	White
30-35YE	Yellow

SAIL TIES

For yachts up to 12m (40') LOA:

- 2m (6'6") long - 25mm (1") wide webbing.
- Loop sewn at one end. Packet of 4.



Part No.	Colour
30-40	Blue
30-41	White



HEAVY SAIL TIES

For yachts over 12m (40') LOA:

- 2.75m (9") long - 25mm (1") wide extra heavy webbing.
- Loop sewn at one end.
- Easy to untie tubular webbing.
- Packet of 2.
- Colour: white.

Part No. 30-46



SAIL BATTENS

Fibreglass un-tapered sail battens complete with plastic end caps. Supplied in 1 metre lengths, easily cut down to size. (Other sizes supplied to order.)

To cut down: Remove one end cap, cut to size with a hacksaw, file end to stop splintering and refit end cap.

Part No.	Width
7110	15mm x 1m
7210	20mm x 1m
7310	30mm x 1m
7410	40mm x 1m



SAIL BAG - KIT BAG

Nylon draw string sailbag, suitable for sails, covers, clothes or general storage.

Size: 84cm high x 38cm Diameter (33" x 15") Colour: blue

Part No. 30-79



RUBBER GUYS

Pack of 5, Size No. 1 (77mm)

Fits: Holes from 8.5mm to 14mm, Grommet sizes 1,2 and 3.

Part No. 16-08



ROPE STOPPERS

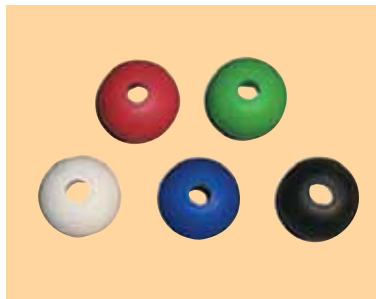
Plastic rope stoppers, for tidying up rope ends and providing additional support to the knot.

Pack of five assorted colours 1 of each.

Red Blue Black Green and White

Also available loose. see P80

Part No.	Rope size mm
16-10	4
16-12	6
16-14	8



G 2 B 7 4 9



SAIL NUMBERS

Self-adhesive numbers 0-9, letters G,B,R (others to order) and computer style figure '8' (which can be trimmed to make any number) all cut from the best quality polyester insignia cloth, compatible with all types of sail fabrics. Available in a choice of 4 colours and 4 sizes.

Colours Available: Blue, Black, Red and White.

Part No.	Size	ISAF minimum sizes of Numbers and Letters	
		Boat L.O.A.	Height of number
5009	230mm (9")	Under 3.5m	230mm
5010	250mm (10")		
5012	300mm (12")	3.5m - 8.5m	300mm
5015	375mm (15")	8.5m - 11.0m	375mm

COMPUTER 8 SAIL NUMBERS

Part No. 5809	9" (230mm)
Part No. 5810	10" (250mm)
Part No. 5812	12" (300mm)

You need two sets of sail numbers per sail. They should be of a single colour that strongly contrasts with the sail.
If being fitted to dodgers made from 'acrylic', we recommend that they are also sewn on.

RONDO SAIL WHEEL

70mm diameter 2 part clip together wheel to fit over shrouds at spreaders, lifelines, upper part of backstay or inner forestay to reduce sail chafe.

Made to fit 6mm wire, but can be drilled out to fit up to 11mm wire.

Part No. 5400

SAIL GUARD

Simply clip over wire lifelines or shrouds to protect the sails from the rigging. Suitable for 6mm wire but can easily be drilled out to 9mm. Supplied in packs of 2.

Part No. 8961 6-9mm Wire

SAIL REPAIR TAPE

Carry out your own sail repairs on board with this self-adhesive heavy-duty DACRON sail repair tape for sails and Rip Stop Nylon for Spinnakers. Suitable for use on all mainsails, headsails, spinnakers and oilskins. Easy to use.

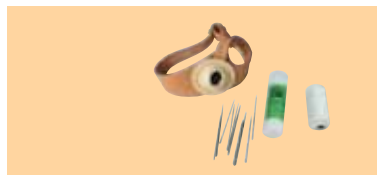
Size: 100mm x 1.37m (4" x 4'6")

Dacron Part No.	Rip Stop Part No.	Colour
30-20	T3020	White
30-21	T3022	Blue
30-22	T3021	Black
30-23	T3024	Red
30-24	T3023	Green
	T3025	Fluorescent Yellow
	T3026	Yellow
	T3027	Grey
	T3028	Orange
	T3029	Bottle Green
	T3030	Light Blue
	T3031	Pink
	T3032	Magenta
	T3033	Lilac

SMALL SAIL REPAIR KIT

Contents: Palm (No.8 Buckle R/H).
5 Assorted Needles.
Sewing Thread.

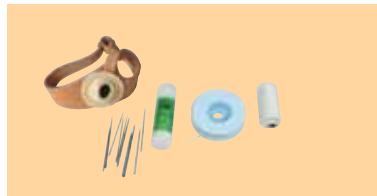
Part No. 31-04 Small repair kit



MEDIUM SAIL REPAIR KIT

Contents: Palm (No.8 Buckle R/H).
5 Assorted Needles.
Sewing Thread.
Whipping Twine.

Part No. 31-05 Medium repair kit



LARGE SAIL REPAIR KIT

Contents: Palm (No.8 Buckle R/H).
10 Assorted Needles.
Sewing Thread.
Whipping Twine.
Self-adhesive Repair Tape: 100mm x 1.37m
Nylon Draw String Bag.

Part No. 31-10 Large repair kit



DULUXE REPAIR KIT

Nylon draw string bag containing all the necessary equipment to carry out any "on board" sail repair.

Contents:

Palm (No.2.5 Buckle R/H).
10 Assorted Needles.
Sewing Thread.
Whipping Twine.
Nylon Draw String Bag.
Sailmaker's Awl.
1m Light webbing 25mm (1")
1m Heavy webbing 25mm (1")
1m 4oz sailcloth 80mm (3")
1m 6oz sailcloth 100mm (4")
1m 8oz sailcloth 125mm (5")
1.37m Self-adhesive Repair Tape 100mm (4")
2 Small Cops of light machine thread
2 Small Cops of heavy machine thread

Part No. 31-15



SAILMAKERS PALMS

Number 8 Palm

Light weight Buckle palm with small covered needle guide.

Part No. 31-20 Right Hand

Part No. 31-21 Left Hand

Number 2.5 Palm

Buckle palm, half lined, with brass capped needle guide.

Part No. 31-25 Right Hand

Part No. 31-26 Left Hand





SAIL NEEDLES

Part No. 31-30 Pack of 5 assorted, sizes 14-18, 1 of each.

Part No. 31-35 Pack of 10 assorted, sizes 14-18, 2 of each.



SEWING THREAD

30g cop, Medium Thread.

Part No.31-40



WHIPPING TWINE

30g cop, Heavy Twine.

Part No. 31-45



SAILMAKER S AWL

Spike (Bradawl) for making holes in cloth etc.

Part No. 31-50



SEAM SEALANT

Seals seams on tents, awnings and clothing

Part No. 31-80



DOUBLE SIDED TAPE

Light, non yellowing acrylic tape with very high adhesion
Size: 12mm x 50m

Part No. 4991



GROMMET KITS

Grommet kits available in five handy sizes, made from brass suitable for marine and non marine applications. Each grommet kit comes complete with hole cutter and wooden cutting block and closing tool. Easy to use anywhere the only other tool required is a mallet.

Part No.	Grommet Size mm ins		No. of Grommets
2110	6	1/4	48
2111	8	5/16	48
2112	10	3/8	12
2113	11	7/16	12
2114	13	1/2	12

GROMMET KIT REFILLS

Refill packs for the grommet kits.

Part No.	Grommet Size mm ins		No. of Grommets
2120	6	1/4	24
2121	8	5/16	24
2122	10	3/8	12
2123	11	7/16	12
2124	13	1/2	12

PRESS STUD KITS

Press Stud kits come with closing tools and 6 sets of fasteners.

Part No.	Style
2118	Canvas to Canvas
2119	Canvas to screw stud

PRESS STUD KIT REFILLS

Press stud refill Packs come with 6 sets of fasteners.

Part No.	Style
2128	Canvas to Canvas
2129	Canvas to screw stud

HOLDON

Innovative Eyelet System - instant - strong - reusable.
Made from white marine grade Nylon. Simply place cloth between the two halves and push the wedge firmly as far as it will go, the harder you pull the tighter it holds.

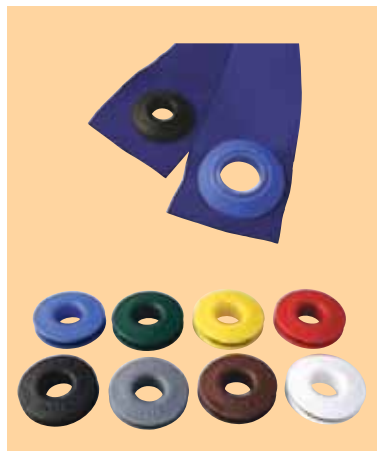
Supplied in pack of 4.

Part No. 31-84

12MM PLASTIC EYELETS

Snap and tap plastic eyelets, no special tools required. Suitable for all types of canvas and plastic sheeting. Will not rust or corrode. Supplied in packs of 10

Part No.	Colour
31-90WT	White
31-90BU	Blue
31-90BK	Black
31-90RD	Red
31-90GN	Green
31-90BR	Brown
31-90GY	Grey
31-90YE	Yellow





19MM PLASTIC EYELETS

Snap and tap plastic eyelets, no special tools required. Suitable for all types of canvas and plastic sheeting. Will not rust or corrode. Supplied in packs of 4.

Part No.	Colour
31-92BU	Blue
31-92BK	Black

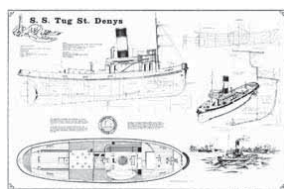
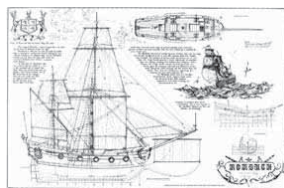
PLANASHIP PICTORIAL AND MARITIME PRINTS

Pictorial Prints of Shipwrecks showing the position, dates and types of shipwrecks around different sections of the coastline. Reproduced in black on high speed cartridge paper.

Maritime Prints accurately depicting sailing ships and steam vessels of distinction. Reproduced in sepia on Aged Parchment Paper.

All the prints are available in the following presentations:

- xx-xxT** Size 630mm x 450mm. Rolled in a cardboard postal tube. For mail order.
- xx-xxAT** Size 630mm x 450mm. Rolled in clear plastic square section presentation tube. Only available in presentation tube for collection.
- xx-xxB** Encapsulated in clear rigid plastic. Ideal for display. Size: 630mm x 425mm.
- xx-xxC** As B, then framed in an attractive stain / gold frame. Size: 640mm x 440mm.



Part No.	Description SHIPWRECKS
36-01	Cornish Shipwrecks
36-02	Land's End Shipwrecks
36-03	Lizard Peninsula Shipwrecks
36-04	North Devon Shipwrecks
36-05	South Devon Shipwrecks
36-06	Shipwrecks of North Wales
36-07	Isles of Scilly Shipwrecks
36-08	Dorset Shipwrecks
36-09	Isle of Wight Shipwrecks
36-10	Sussex Shipwrecks
36-11	Channel Straits Shipwrecks
36-12	Goodwin Sands Shipwrecks
SHIPS	
35-00	Cornish Pilot Gig
35-01	Isles of Scilly Pilot Gig "Swift"
35-02	Falmouth Packet "Marchioness of Salisbury" 1816
35-03	Falmouth Working Boat - Oyster Dredger
35-04	The Jute Clipper "Bay of Panama" 1883
35-05	Transatlantic Cargo Liner SS "Mohegan" 1898
35-06	SS "Great Britain" 1845
35-07	Square Rigged 17th Century Ketch "Nonsuch"
35-08	Thames Spritsail Barge "Northdown" 1924
35-09	Sail Training Ship "Danmark" 1932
35-10	SS Tug "St Denys" (Ex Northgate Scot) 1929
35-11	Norfolk Wherry "Albion" 1899

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