



V5

Performance Hardware





A message from our Managing Director

Thank you for choosing Allen. As a proudly family-run business, based in the UK, we’re delighted to be part of your sailing journey. Our story began in the 1950s, when my father, Tony Allen, and his brother Glenn started designing and building fittings for their own race boats in a garden shed. Their passion for sailing and engineering soon sparked a growing demand, and in 1956, Allen Brothers (Fittings) Ltd. was born.

Seventy years on, we’re still driven by that same spirit of innovation. From our factory in Southminster, Essex, we continue to design and manufacture high-performance sailing hardware that sets the standard across the industry. We pride ourselves on producing the best products on the market—hardware that’s not only built to perform but also to last. With ongoing investment in the latest technologies and a dedicated in-house team, we’re constantly developing new ideas to push sailing performance further.

Whether you’re an Olympic campaigner, boat builder, or weekend sailor, we’re proud to support your ambitions on the water.

Liz Adams

Managing Director, Allen Brothers (Fittings) Ltd.

CONTENTS

BLOCKS	6 - 35	SPARS & RIGGING	69 - 87	SAILMAKERS HARDWARE	95 - 98
Block Tech Guide	6	Furling Gear	69	Batten Hardware	95
20mm Blocks	8	Sheave Boxes	70	Sail Shackles	96
30mm Blocks	8	Vang King	72	Sail Ring	96
XHL & TiiTAN Blocks	16	Pivoting Mast Step	73	Thimbles	96
40mm Dynamic Blocks	18	Stay & Vernier Adjusters	74	Sail Track Slides & Slugs	97
50mm Dynamic Blocks	20	Clevis Pins & Split Rings	75	Jib Hanks	98
60mm Dynamic Blocks	20	Fast Pins	75	Luff Blocks	98
Ratchet Blocks	22	Reaching Hooks	75	Sail Headboards	98
Wire Blocks	24	Drop Nose Pins	75		
Snatch Blocks	26	Dynamic Rig Adjustment	76	SHACKLES	100 - 102
High Roller Blocks	27	Highfield Levers	77	Snap Shackles	100
High Load Thimbles	28	Dinghy Furling Gear	77	Forged Shackles	100
Tii-Bones & Dog Bones	29	Goosenecks	78	Pressed Shackles	100
Flip Flop Blocks	30	Boom's	79	Round Body Shackles	101
Deck Organiser	31	Boom Bolt	79	Strip Shackles	102
Classic Blocks	32	V2 Vang Lever	79	Tii-Shackles	102
Lightweight PB Blocks	33	Mast Head Sheave Boxes	80		
Sheaves	34	Mast Gates & Step	80	ACCESSORIES	104 - 113
Springs For Blocks	35	Mast Tangs	80	Wind Indicators	104
Wire Blocks	34	Spreader Hardware	81	Burgees	105
		Mast Brackets & Boom Straps	82	Inglefield Clips	105
		Halyard Exit Plates	83	Tidy Clips	105
CLEATS & JAMMERS	37 - 45	Halyard Hook Racks	83	Hooks - Nylon	106
Cleat Tech Guide	37	Muscle Box	83	Hooks - Stainless Steel	106
Cam Cleats	38	Mast & Tube Plugs	84	Spare & Replacement Parts	107
Cam Cleat Accessories	39	Mast Deck Chocks	84	Service Kits	107
Mainsheet Jammers	40	Mirror Dinghy Mast Fittings	84	Vent Cover	107
Swivel Cleats	42	Boom Slides	85	Keyball Trapeze	108
Clamcleats®	44	Mast Base Organiser	85	Trapeze Hardware	109
Burgee Cleats	45	Spinnaker Pole & Jib Stick Fittings	85	Ball Stoppers	110
Horn Cleats	45	Rigging Screws	86	Boat Hook	110
Pump Action Cleat	45	Wire Eye Terminal	86	Rowlocks & Sockets	110
V Cleats	45	Wire Stud Terminal	86	Splicing Kit	111
		Eye Bolt	87	Toe Strap Plates & Buckles	111
TRAVELLER CARS	47 - 55	Wire 'T' Terminal	87	Race Packs	112
Traveller Car Guide	47	Wire Fork Terminal	87	Merchandise	113
Size 14	48				
Size 19	50				
Size T22	52				
Size T33	53	RUDDER STOCKS & ACCESSORIES	89 - 93	ALUMINIUM YACHT FITTINGS	115 - 118
Jib Cars	54	Rudder Stocks	89	Bulkhead Fairlead	115
Track & Keelband	55	Tillers	90	Fairleads	115
		Tiller Extensions - Carbon	90	Round Sealed Portlight	115
DECK & HULL FITTINGS	57 - 67	Tiller Extensions - Aluminium	90	Deck Filler Cap	116
Flanged Deck Bushes	57	Tiller Extension Universal Joints	91	Horn Cleats	116
Plastic Deck Bushes	57	Transom Plates	91	Handrail Bracket	117
Deck Bushes - Aluminium	58	Transom Pintles	92	Raked Bollard	117
Deck Bushes - Titanium	58	Transom Gudgeons	92	Toe Rail Spring Cleat	117
Deck Bushes - Stainless Steel	58	Rudder Retaining Equipment	92	Stanchion Bases	118
Pad-Tii	59	Rudder Wing Nuts	92	Stanchions	118
Self Bailer	60	Rudder Pintles	93		
Drain Socket & Bungs	60	Rudder Gudgeons	93	OTHER	
Hatch Covers	61		93	Distributors & Major Stockists	119
Bow & Shroud Plates	62			Index	121
Snatch Fairleads & Lacing Hooks	62				
U Bolt	63				
Anchor Plates	63				
Lacing Eyes	64				
Fairleads	66				
Keelboat Fairleads	67				
Self Tapping Nuts	67				

BLOCKS

CLEATS & JAMMERS

TRAVELLER CARS

DECK & HULL FITTINGS

SPARS & RIGGING

RUDDER STOCKS & ACCESSORIES

SAILMAKERS HARDWARE

SHACKLES

ACCESSORIES

ALUMINIUM YACHT FITTINGS

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Innovative Design and Engineering Solutions for Manufacturers.

Here at Allen, we are much more than just marine hardware specialists. We are engineering experts and work with a wide variety of companies in different sectors, such as; medical equipment, automotive parts, window manufacturing, public and defence sector, theatre, advertising, aviation and much more.

We are able to do this due to the multiplicity of in-house resources. Our close-knit team of engineers and designers work to deliver premium solutions for custom or mass-production jobs, and as an ISO9001 accredited business, we are capable of mass manufacturing high-quality products as well as ensuring a high level of craftsmanship is carried out on all custom items.

As a British, family-owned business, we ensure 100% of our products are designed, manufactured and assembled in-house at our factory in Essex. All our materials, where possible, are sourced from within the UK. We also guarantee a competitive and fair price for any job we undertake.

If you have any custom requirements, big or small, marine or non-marine, don't hesitate to get in touch to see how we can solve your problems.

Allen In-house resources include:
Design & CAD modelling – using advanced PTC Creo CAD software our design team can quickly develop new ideas and designs into computer models, which can be structurally assessed with our Ansys computer simulated stress analysis software. Prototype models can be seen within hours using our Dimension 3D part printer.

Tool making - finished designs are seamlessly progressed through the tool making stages using

the parametric features of PTC Creo tool design and NC machining software. Our toolmakers can produce single or multi-impression tools for injection moulding, sheet metal pierce and blank tools, secondary operation form tools, assembly jigs and fixtures.

Component parts - our factory is equipped to manufacture a diverse range of parts. So we can be particularly flexible in the production of short-run specialist parts, and low to medium volume quantities.

CNC injection moulding - we are experts in the use of advanced engineering polymers and composites such as carbon fibre filled acetals and nylons.

CNC turned parts - our 5 axis sliding head lathes produce high precision parts in all materials.

CNC sheet metal forming – our presses produce pierced and blanked parts, with secondary forming.

CNC milled parts – two HAAS 4-axis vertical milling centres allow us to make precision milled parts in a range of material from marine grade 6082 aluminium to Brass & Acetal.

CNC Lathe – Doosan and Star Lathes enable us to produce precise and efficient turning operations, allowing for intricate designs and consistent output.

Fabrication - our versatile and skilled workforce can provide fully assembled products, using a range of techniques such as welding, drilling, riveting, threaded fasteners, adhesives, pad-printing and packing.

Sales and distribution - Our efficient and dedicated sales team is ready to take your orders and will endeavour to dispatch all orders received before 3 pm on the same day, if in stock. Worldwide distribution can be arranged by our export manager.



BLOCKS

Our extensive block range has been developed in collaboration with world-class boat builders and champion sailors. From small dinghies to 30ft sports boats, there's a solution for almost every application. At the core of the range is our patented Dynamic Bearing system, setting the benchmark for high-performance small ball bearing blocks.

A2020WEB
20mm Single Web Attachment
Page 9

A2022XHL
20mm Double XHL
Page 16

A2023XHL
20mm Double XHL With Becket
Page 16

New

A21401
Pro-Ratchet 40
Page 22

Tii-Bone
Soft Attachment Accessory
Page 29

Block Tech Guide

Choosing the right hardware is essential for achieving optimal performance and reliability on the water. At Allen Brothers, we offer a wide range of products designed to suit different sailing applications – but to select the correct item, it's important to understand the materials and technologies behind them. This guide explains the key components used in our products, such as bearings, sheave materials, and load-handling mechanisms. By understanding how each element functions, you'll be better equipped to choose the most suitable solution for your specific needs.

Bearing Types

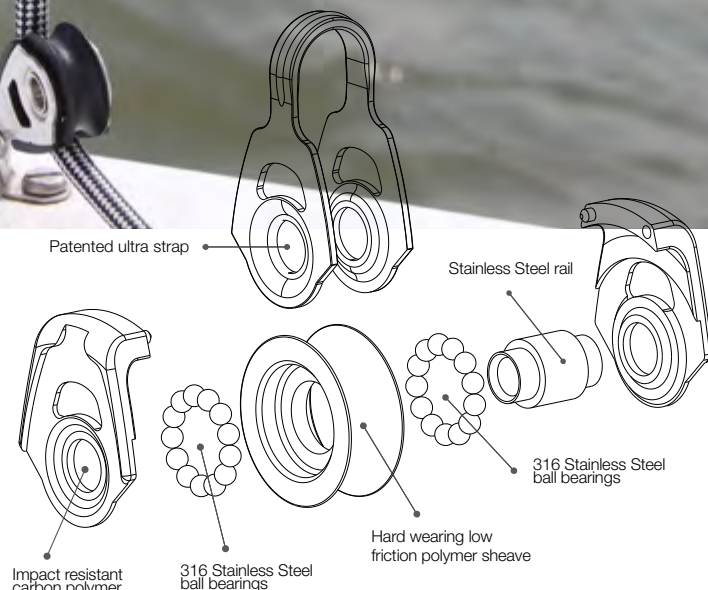
Ball Bearings: Super low friction, low to medium load capacity. Ball bearings offer the lowest possible friction thanks to minimal contact between the sheave, bearing, and axle. This allows the sheave to spin freely with very little energy input, making them ideal for high-speed performance under light to moderate loads.

Roller Bearings: Low friction, high load capacity. Roller bearings have a cylindrical shape and combine many of the benefits of both ball and plain bearings. Although they roll more slowly than ball bearings due to a larger contact area, they are better suited for higher load conditions without deforming.

Plain Bearings: Moderate friction, very high load capacity. Plain bearings contain no rolling elements. While they generate more friction, they offer excellent load resistance and require minimal maintenance. Ideal for applications where load handling is more critical than speed.

Caged vs Non-Caged Bearings

Caged ball bearings offer several advantages over non-caged configurations, including reduced friction, improved durability, better load distribution, and smoother operation at high speeds.



Bearing Materials

The choice of bearing material is essential for balancing strength, weight, and friction performance:

Stainless Steel: Strong, hard-wearing, and corrosion-resistant. Also the heaviest option.

Torlon®: Exceptionally strong and stiff, with high-temperature resistance and low weight. Used in high-load applications where performance and weight-saving are critical.

Delrin®: Lightweight, low-friction, and wear-resistant. Ideal for light-load, high-speed applications.

Ceramic: Offers lower friction than stainless steel, enabling faster sheave rotation. However, it is more brittle and not as strong.

PEEK: Lightweight, strong, self-lubricating, and has a low coefficient of friction. Suitable for high-performance use.

Sheave Materials

The sheave material plays a key role in how a block performs under load:

Acetal: Lightweight and durable. Commonly used for low and medium load applications.

Stainless Steel: Highly corrosion-resistant and extremely strong. Ideal for high static loads but heavier than plastic options.

Titanium: Offers the highest strength-to-weight ratio and excellent corrosion resistance.

Aluminium: Lightweight and strong. We use hard-anodised aluminium with a PTFE coating for improved surface smoothness and reduced friction, particularly in our High Roller range.

Bearing and Sheave Technology

We engineer our block ranges using tailored combinations of bearings and materials to suit specific performance needs.

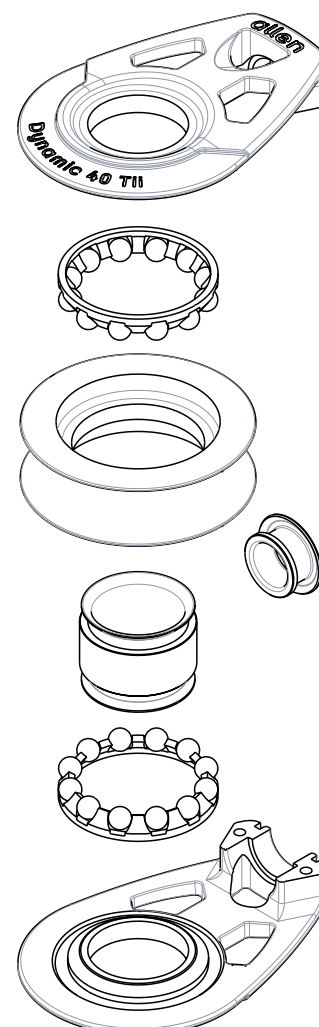
Dynamic: Nylon sheave with twin rows of stainless-steel ball bearings on a steel rail. Low friction and long-lasting performance. 30–60mm blocks include caged bearings.

High Load: Adds a stainless-steel sheave to the Dynamic system for reduced friction and higher static load capacity.

XHL: Stainless-steel balls and sheave with a plain bearing washer. Transitions to plain bearing under high loads to prevent deformation.

TiiTAN: XHL tech upgraded with ceramic balls and a titanium sheave for minimal weight and friction.

High Roller: Aluminium sheave on caged PEEK roller bearings. Smooth performance under very high loads.



20mm & 30mm Block Range

Allen's 20mm and 30mm block ranges are among the most widely recognised and trusted small-line pulley systems available. Designed for versatility, the range includes an extensive selection of body styles and accessories to suit a wide array of applications—not just in sailing, windsurfing, and kitesurfing, but also across many non-marine uses. Most body types are offered with a choice of plain bearing, dynamic bearing, or high-load sheave configurations, enabling you to fine-tune your selection based on performance demands, application requirements, and budget.



"You can't go wrong with the A2020.
Its reliable, smooth and
by far my favourite 20mm block."
Stuart Bithell - 49er Gold Medalist.

Sheave and Bearing Options

With a choice of four sheave and bearing configurations, you can optimise your system to suit your exact needs. See page 6 and 7 for more information.

KEY FOR LOAD RATING TABLE

Maximum Working Load (MWL)
If exceeded the block may not perform as designed.

Breaking Load
The load at which a major block failure is likely to occur.



Plain Bearing Blocks (P)

Recycled acetal sheave.
Grey sheave to differentiate from the dynamic range.
Good static loading capabilities at a low weight and cost.



Dynamic Blocks

Acetal sheave with stainless steel ball bearings running on a stainless steel rail.
Best for fast running systems.



High Load Blocks (HL)

Stainless steel sheave, bearings and rail.
Even less friction compared to dynamic block and great for high static loads.



XHL Blocks (XHL)

Steel sheave with XHL bearing tech and aluminium body.
Great frictionless performance at low loads and able to withstand extreme static loads.

For easy SKU identification look out for the letter in brackets after the description.



A2020
A2020P
A2020HL



A2030
A2030P
A2030HL



A2020Tii
A2020PTii
A2020TiiHL

A2030Tii
A2030TiiHL



A2020WEB

NEW

Webbing Attachment

A specially designed body to suit attachment via a 10mm wide webbing strap. Ideal for sewing to sails, canvas or harness lines for a strong and streamlined attachment.



A2020XHL



A2030XHL

Available in 6 colours



A9030

Go to page 16 for more info

Part	Description	Bearing Type	Sheave Type	Length mm	Max Line Dia. mm	Breaking Load kg	MWL kg	Weight g
20mm								
A2020	Single	Ball Bearing	Acetal	37	6	540	115	10
A2020HL	Single (HL)	Ball Bearing	Stainless Steel	37	6	540	250	17.5
A2020P	Single (P)	Plain	Acetal	37	6	540	-	10
A2020Ti3	Single Ti3-On	Ball Bearing	Acetal	29	6	540	115	8
A2020Ti3HL	Single Ti3-On (HL)	Ball Bearing	Stainless Steel	29	6	540	250	14
A2020PTi3	Single Ti3-On (P)	Plain	Acetal	29	6	540	-	7
A2020Tii	Single Tii-On	Ball Bearing	Acetal	29	6	540	115	8
A2020TiiHL	Single Tii-On (HL)	Ball Bearing	Stainless Steel	29	6	540	115	8
A2020PTii	Single Tii-On (P)	Plain	Acetal	29	6	540	-	7
A2020WEB	Single Web	Ball Bearing	Acetal	30.2	5	250	115	9.5
A2020XHL	Single XHL (XHL)	XHL / Ball Bearing	Stainless Steel	29	6	900	400	11.5
30mm								
A2030	Single	Ball Bearing	Acetal	49	8	750	140	26
A2030HL	Single (HL)	Ball Bearing	Stainless Steel	49	8	800	300	39
A2030P	Single (P)	Plain	Acetal	49	8	750	-	23
A2030Tii	Single Tii-On	Ball Bearing	Acetal	41.5	8	750	140	16
A2030TiiHL	Single Tii-On (HL)	Ball Bearing	Stainless Steel	41.5	8	800	300	37
A2030XHL	Single XHL (XHL)	XHL / Ball Bearing	Stainless Steel	43	8	1250	500	41
A9030	TiiTAN Block	TiiTAN / Ball Bearing	Titanium	40	8	1250	500	29



Part	Description	Bearing Type	Sheave Type	Length mm	Max Line Dia. mm	Shackle / Fixing Hole Dia. mm	Breaking Load kg	MWL kg	Weight g	Fixing Hole Centres mm
20mm										
A2020LZ	Stand-Up Fixed	Ball Bearing	Acetal	43	6	-	540	115	15.4	27
A2020PLZ	Stand-Up Fixed (P)	Plain	Acetal	43	6	-	540	14.3	20	27
A2020-4035	Single With P-Clip	Ball Bearing	Acetal	60	6	5	540	115	15	-
A2020P-4035	Single With P-Clip (P)	Plain	Acetal	62.4	6	5	540	-	13.9	-
A2020-4036	Single With Lacing Eye	Ball Bearing	Acetal	52	6	5	540	115	15	16
A2020-4036	Single With Lacing Eye	Ball Bearing	Stainless Steel	52	6	5	540	250	21.1	16
A2020P-4036	Single With Lacing Eye (P)	Plain	Acetal	52	6	5	540	-	13.9	16
A2021	Single Multi Function	Ball Bearing	Acetal	35	6	4	350	115	11.5	-
A2021HL	Single Multi Function (HL)	Ball Bearing	Stainless Steel	35	6	4	350	250	19	-
A2021P	Single Multi Function (P)	Plain	Acetal	35	6	4	350	-	10.4	-
A2020SHK	Single With Swivel Hook	Ball Bearing	Acetal	58	6	-	350	115	19	-
A2020HLSHK	Single With Swivel Hook (HL)	Ball Bearing	Stainless Steel	58	6	-	350	250	24.4	-
A2020PSHK	Single With Swivel Hook (P)	Plain	Acetal	58	6	-	350	-	17.9	-
A2021HK	Single With Fixed Hook	Ball Bearing	Acetal	65	6	-	165	115	17.5	-
A2021PHK	Single With Fixed Hook (P)	Plain	Acetal	65.5	6	-	165	-	16.4	-
A2020SC	Single With Swivel	Ball Bearing	Acetal	54.82	6	4	350	115	15.4	-
A2020PSC	Single With Swivel (P)	Plain	Acetal	54.82	6	4	350	-	18	-
30mm										
A2030LZ	Stand-Up Fixed	Ball Bearing	Acetal	59	8	-	500	140	30.2	34
A2030PLZ	Stand-Up Fixed (P)	Plain	Acetal	59	8	-	500	-	27.2	34
A2031	Single Multi Function	Ball Bearing	Acetal	47	8	4	750	140	28	-
A2031	Single Multi Function (P)	Plain	Acetal	47	8	4	750	-	25	-
A2030SHK	Single With Swivel Hook	Ball Bearing	Acetal	70.4	8	-	450	140	35	-
A2030PSHK	Single With Swivel Hook (P)	Plain	Acetal	70.4	8	-	450	-	30.2	-
A2030SC	Single With Swivel	Ball Bearing	Acetal	67.97	8	4	450	140	36	-
A2030PSC	Single With Swivel (P)	Plain	Acetal	67.97	8	4	450	-	33	-

20 & 30mm

20 & 30mm

20 & 30MM BLOCKS



A2021SC A2031SC



A2028 A2038
A2028HL A2038HL



A2029 A2039



A2020-30



A2039FIDDLE



A2039BF



A2039-CAM



A2039-CAM-LDC



A2124 A2134



A4710

KEY FOR LOAD RATING TABLE

Maximum Working Load (MWL)
If exceeded the block may not perform as designed.

Breaking Load
The load at which a major block failure is likely to occur.

Part	Description	Bearing Type	Sheave type	Length mm	Max Line Dia. mm	Shackle Pin Dia. / Fixing Hole Centres mm	Breaking Load kg	MWL kg	Weight g
20mm									
A2021SC	Shackle Swivel Head	Ball Bearing	Acetal	52	6	4	350	115	15.4
A2028	Back To Back	Ball Bearing	Acetal	52	6	-	540	115	21.3
A2028HL	Back To Back High Load	Ball Bearing	Stainless Steel	52	6	-	540	300	10
A2029	Linked Singles	Ball Bearing	Acetal	70	6	-	540	115	21.8
A2020-30	Linked 20 and 30 Singles	Ball Bearing	Acetal	80	6/8	-	540	115	36.8
A2124	Upstand Block	Ball Bearing	Acetal	31	5	22	550	115	20.6
A4710	Lightweight Stand Up Single	Ball Bearing	Acetal	37	6	26	350	105	19
30mm									
A2031SC	Single Swivel Fork	Ball Bearing	Acetal	63	8	4	450	140	37
A2038	Back To Back	Ball Bearing	Acetal	78	8	-	750	140	49
A2038HL	Back To Back High Load	Ball Bearing	Stainless Steel	78	8	-	750	600	76
A2039	Linked A2030 Blocks	Ball Bearing	Acetal	94	8	-	750	140	52
A2039FIDDLE	Single With Fiddle	Ball Bearing	Acetal	85	8	4	600	140	47
A2039BF	Single With Fiddle & Becket	Ball Bearing	Acetal	99.8	6	4	600	140	50
A2039-CAM	Single With Fiddle, Becket & Cleat	Ball Bearing	Acetal	89.31	6	4	600	140	86.2
A2039-CAM-LDC	Single With Fiddle, Becket, Cleat & Hook	Ball Bearing	Acetal	100	6	-	600	140	86
A2134	Upstand Block	Ball Bearing	Acetal	39	6	28.60	600	115	34.6



A2022
A2022P
A2022HL



A2032
A2032P
A2032HL



A2022A
A2022AHL

A2032A

A2022Tii
A2022TiiHL

A2032Tii
A2032TiiHL



A2022XHL
Available in two colours.

Available with or without Tii-Shackle



A2022F



A2023
A2023P

A2033
A2033P

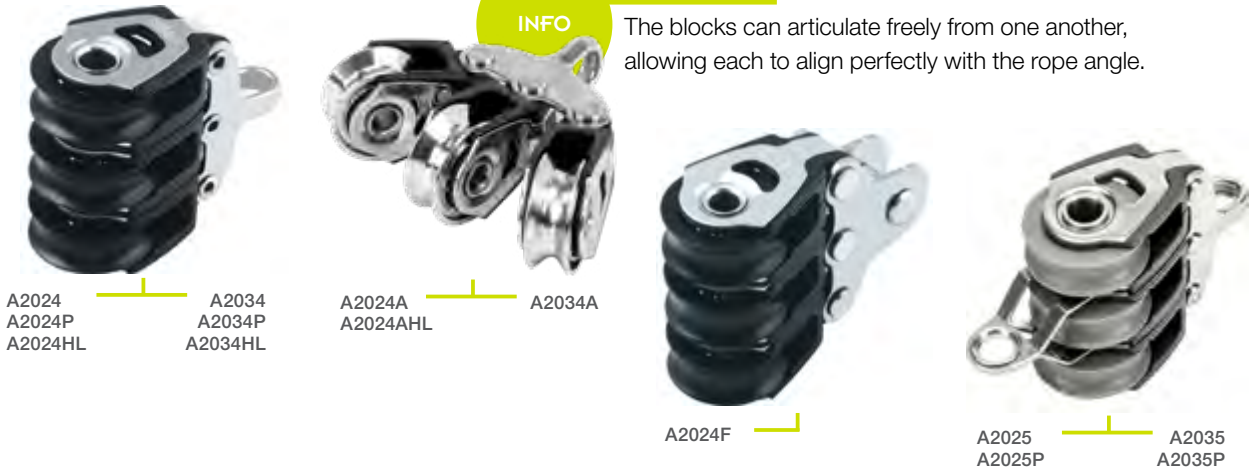


A2022LZ



A2023XHL
Available in two colours.

Part	Description	Bearing Type	Sheave type	Length mm	Max Line Dia. mm	Shackle / Fixing Hole Dia. mm	Breaking Load kg	MWL kg	Weight g	Fixing Hole Centres mm
20mm										
A2022	Double	Ball Bearing	Acetal	48	6	-	600	225	31.6	-
A2022HL	Double (HL)	Ball Bearing	Stainless Steel	48	6	-	600	325	42	-
A2022P	Double (P)	Plain	Acetal	47.6	6	-	500	-	29.4	-
A2022A	Articulating Double	Ball Bearing	Acetal	48	6	-	600	225	29.1	-
A2022AHL	Articulating Double (HL)	Ball Bearing	Stainless Steel	48	6	-	600	250	29.1	-
A2022Tii	Tii-On Double	Ball Bearing	Acetal	29	6	-	600	225	15.6	-
A2022TiiHL	Tii-On Double (HL)	Ball Bearing	Stainless Steel	29	6	-	600	250	25	-
A2022F	Double Fork Block	Ball Bearing	Acetal	51	6	5	600	225	15.5	-
A2023	Double With Becket	Ball Bearing	Acetal	59	6	-	600	225	33.5	-
A2022LZ	Double Stand Up Fixed	Ball Bearing	Acetal	53	6	-	600	225	34	28
A2022XHL	Double (XHL)	XHL / Ball Bearing	Stainless Steel	29	6	-	900	600	30	-
A2023XHL	Double With Becket (XHL)	XHL / Ball Bearing	Stainless Steel	38	6	-	900	600	33	-
30mm										
A2032	Double	Ball Bearing	Acetal	63	8	-	1250	280	72	-
A2032HL	Double (HL)	Ball Bearing	Stainless Steel	63	8	-	1250	450	87	-
A2032P	Double (P)	Plain	Acetal	64	8	-	1250	66	30	-
A2032A	Articulating Double	Ball Bearing	Acetal	63	8	-	1250	280	61.6	-
A2032Tii	Double Tii-On	Ball Bearing	Acetal	41.5	8	-	1100	280	48	-
A2032TiiHL	Double Tii-On (HL)	Ball Bearing	Stainless Steel	41.5	8	-	1100	300	60	-
A2033	Double With Becket	Ball Bearing	Acetal	76	8	-	1250	280	77	-



Articulating

The blocks can articulate freely from one another, allowing each to align perfectly with the rope angle.

INFO



To see our full range of sheave boxes go to page 70.

Part	Description	Bearing Type	Sheave type	Length mm	Max Line Diameter mm	Shackle / Fixing Hole Diameter mm	Breaking Load kg	MWL kg	Weight g	Fixing Centres mm
20mm										
A2024-677	Triple With Inverted Cleat	Ball Bearing	Acetal	55	6	-	650	320	86.9	-
A2027NB	Triple With Extended & Inverted Cleat	Ball Bearing	Acetal	75	6	-	650	320	98	-
A2025-677	Triple With Inverted Cleat & Becket	Ball Bearing	Acetal	66	6	-	650	320	86.9	-
A2027	Triple With Extended Cleat & Becket	Ball Bearing	Acetal	75	6	-	650	320	86.9	-
A2121	Single Through Deck	Ball Bearing	Acetal	54	6	-	350	105	10.8	42
A2121HL	Single Through Deck With Steel Sheave	Plain	Stainless Steel	54	6	-	400	-	17.7	42
A2121P	Single Through Deck (P)	Plain	Acetal	54	6	-	400	-	8.7	42
A2122	Double Through Deck	Ball Bearing	Acetal	60	6	-	350	105	19.1	64
A2122HL	Double Through Deck With Steel Sheave	Plain	Stainless Steel	75	6	-	350	-	33.3	63
A2122P	Double Through Deck (P)	Plain	Acetal	75	6	-	350	-	15.5	63
30mm										
A2034-676	Triple With Inverted Cleat	Ball Bearing	Acetal	65	8	-	1750	490	193	-
A2035-676	Triple, Becket And Inverted Cleat	Ball Bearing	Acetal	83	8	-	1750	490	200	-
A2037	Triple With Extended Cleat & Becket	Ball Bearing	Acetal	83	8	-	1750	490	208	-
A2030R2	Two Singles On Ring	Ball Bearing	Acetal	-	8	-	750	140	82.5	-
A2030R3	Three Singles On Ring	Ball Bearing	Acetal	-	8	-	750	140	108.5	-
A2131	Single Through Deck	Ball Bearing	Acetal	47	8	-	500	140	25.6	60
A2131HL	Single Through Deck With Steel Sheave	Plain	Stainless Steel	47	8	-	500	-	46.2	60
A2131P	Single Through Deck(P)	Plain	Acetal	47	8	-	500	-	22	60
A2132	Double Through Deck	Ball Bearing	Acetal	77	8	-	500	140	45	90
A2132HL	Double Through Deck With Steel Sheave	Plain	Stainless Steel	77	8	-	500	-	88	-
A2132P	Double Through Deck (P)	Plain	Acetal	77	8	-	500	-	37.6	-

20mm

A2022SC	Double With Swivel	Ball Bearing	Acetal	56	6	4	350	225	15.4
A2022SHK	Double With Swivel Hook	Ball Bearing	Acetal	67.68	6	-	250	225	21.3
A2023HK	Double With Becket & Hook	Ball Bearing	Acetal	110	6	-	600	225	10
A2126M	Double Composite Cheek	Ball Bearing	Acetal	33	6	-	540	225	21.8
A2024	Triple	Ball Bearing	Acetal	50	6	-	650	320	47.9
A2024HL	Triple (HL)	Ball Bearing	Stainless Steel	50	6	-	650	400	63
A2024P	Triple (P)	Plain	Acetal	50	6	-	650	-	44.6
A2024A	Articulating Triple	Ball Bearing	Acetal	50	6	-	650	320	42.9
A2024AHL	Articulating Triple (HL)	Ball Bearing	Stainless Steel	50	6	-	650	400	63
A2024F	Triple With Fork	Ball Bearing	Acetal	51	6	5	650	320	48
A2025	Triple With Becket	Ball Bearing	Acetal	66	6	-	650	320	52.9
A2025P	Triple With Becket (P)	Plain	Acetal	66	6	-	650	-	49.6

30mm

A2136M	Double Composite Cheek	Ball Bearing	Acetal	50	8	-	400	280	36.6
A2136MHL	Double Composite Cheek (HL)	Ball Bearing	Stainless Steel	50	8	-	400	300	57.6
A2034	Triple	Ball Bearing	Acetal	63	8	-	1750	490	103
A2034HL	Triple (HL)	Ball Bearing	Stainless Steel	63	8	-	1750	650	132
A2034P	Triple (P)	Plain	Acetal	63	8	-	1750	-	94
A2034A	Articulating Triple	Ball Bearing	Acetal	63	8	-	1750	490	82.2
A2035	Triple With Becket	Ball Bearing	Acetal	83	8	-	1750	420	114
A2035P	Triple With Becket (P)	Plain	Acetal	83	8	-	1750	-	105

XHL & TiiTAN

TiiTAN Block

The TiiTAN Block is a further development from our XHL range. Weighing in at only 28 grams makes the TiiTAN the lightest and strongest 30mm ball bearing pulley available on the market.

This is an incredible 30% weight reduction when compared to the 30mm XHL block.



Scan the QR code for more info.



A9030

A9031-873

TiiTAN Features:

- Ceramic ball bearings for reduced friction in salt water.
- Titanium sheave for maximum weight reduction.
- Chamfered rope guide for soft attachment with two lashing holes.
- Upgraded XHL bearing system



XHL Blocks

Designed for extreme static loads without compromising low-load efficiency, XHL blocks use a hybrid bearing system: twin stainless steel ball bearings on a steel axle with a plain bearing washer. Under high loads, the block shifts to plain bearing mode to protect components, then reverts to dynamic once the load drops.

Features:

- Twin stainless steel ball bearings
- V-profile stainless steel sheave
- Durable aluminium side cheeks
- Available in six colours: Blue, Black, Silver, Gold, Orange, Purple.



SCAN FOR XHL INFO

XHL and TiiTAN blocks are ideal for vang cascades and halyard turning points where high static loads and smooth low-load performance are essential.

A2020XHL



A2022XHL

A2023XHL



A2030XHL

A2031XHL-873



A2040XHL

Part	Description	Breaking Load kg	MWL kg	Sheave Size mm	Length mm	Maximum Line Dia.mm	Weight g
A9030	TiiTAN Block	1250	500	30	40	8	28
A9031-873	TiiTAN Vang Block With SA.873	1000	500	30	69	8	43
A2020XHL	Extreme High Load Block	900	400	20	29	6	17
A2022XHL	Double Extreme High Load Block	900	600	20	29	6	30
A2023XHL	Double Extreme High Load Block With Becket	900	600	20	38	6	33
A2030XHL	Extreme High Load Block	1250	500	30	43	8	41
A2031XHL-873	Extreme High Load Vang Block With SA.873	1000	500	30	57	8	55
A2040XHL	Extreme High Load Block	1500	650	40	54	8	71



SIXT 18FT SKIFF BEING FITTED WITH ALLEN
CREDIT: DARCIE COLLINGTON

40mm

40mm Dynamic Blocks

Built from high-strength, glass-loaded nylon, our 40mm Dynamic Blocks are lightweight and performance-driven—ideal for dinghies and keelboats.

Scan the QR code for more information.



SCAN FOR MORE INFO



ATii-LOCK-40

40mm

Dynamic Blocks

A2040Tii



Acetal sheave, stainless steel ball bearings and rail.

Best for standard dynamic systems.

High Load Block (HL)

A2040TiiHL



Stainless steel sheave, bearings and rail.

Even less friction compared to dynamic block and great for high static loads.

XHL Blocks (XHL)

A2040XHL-BL



Stainless steel sheave with XHL bearing technology and aluminium body.

Great frictionless performance at low loads and able to withstand extreme static loads.



A20401
A20401HL



A20401-77



A20401B



A20401B-77



A20401BF



A20401BF-77



A20401BFH



A20401BFH-77



A20401C
A20401CHL



A20401CB



A20401F



A20401F-77



A20401FH



A20401FH-77



A20401H



A20401S
A20401SR
A2040SRHL



A20401S-2030



A20401SLZ



A20402



A20402B



A20403



A20403-77



A20403B



A20401B-77



A20404

Part	Description	Breaking Load kg	MWL kg	Length mm	Max Line Dia. mm	Shackle Pin mm	Fixing Hole mm	Weight g
A2040Tii	Single Tii-On	800	180	58	10	-	-	34.5
A2040TiiHL	Single Tii-On (HL)	800	340	58	10	-	-	40
A2040XHL	Single Extreme High Load (XHL)	1500	650	54	8	-	-	71
A20401	Single With Swivel Head	780	240	83.38	10	4	-	54
A20401HL	Single With Swivel Head (HL)	780	360	83.38	10	4	-	75
A20401-77	Single With A..77 Cleat	750	80	83.38	6	4	-	120
A20401B	Single With Becket	780	240	99.88	10	4	-	58
A20401B-77	Single With Becket And A..77 Cleat	780	80	99.88	6	4	-	123
A20401BF	Single With Becket And Fiddle	780	240	126.88	10	4	-	73
A20401BF-77	Single With Becket, Fiddle And A..77 Cleat	780	80	126.88	6	4	-	139
A20401BFH	Single With Becket, Fiddle And Hook	540	240	153	6	4	-	92
A20401BFH-77	Single With Becket, Fiddle, Hook And A..77 Cleat	540	80	153	6	4	-	171
A20401C	Single Cheek	780	240	62	10	-	35.50	34
A20401CHL	Single Cheek (HL)	780	360	62	10	-	35.50	55
A20401CB	Single Cheek With Becket	780	240	73	10	-	62.5 x 14.6	42
A20401F	Single With Fiddle	780	240	108.38	10	4	-	68
A20401F-77	Single With Fiddle And A..77 Cleat	780	80	108.38	6	4	-	134
A20401FH	Single With Fiddle And Hook	540	240	134.50	6	4	-	87
A20401FH-77	Single With Fiddle, Hook And A..77 Cleat	540	80	134.50	6	4	-	153
A20401H	Single With Hook	540	250	109	10	-	-	73
A20401S	Single With Ultra-Strap	700	240	64.5	10	-	-	40
A20401SR	Single With Removable Ultra-Strap	700	240	64	10	-	-	42
A20401SRHL	Single With Removable Ultra-Strap (HL)	700	360	64	10	-	-	63
A20401S-2030	40 & 30mm Linked Singles	780	140	108	8	-	-	65
A20401SLZ	Single Stand Up	700	240	74	10	-	36.25	47
A20402	Double	1150	500	93.55	10	5	-	102
A20402B	Double With Becket	1150	500	110.05	10	5	-	113
A20403	Triple	1400	750	93.35	10	5	-	161
A20403-77	Triple With A..77 Cleat	1400	750	93.35	6	5	-	239
A20403B	Triple With Becket	1400	750	110.05	10	5	-	165
A20403B-77	Triple With Becket And A..77 Cleat	1400	750	110.05	6	5	-	242
A20404	Quad	1400	750	95.05	10	5	-	213
ATii-LOCK-40	Tii-Lock-40 - Tii-On Attachment Accessory	-	-	-	-	-	-	2

50 & 60mm

50 & 60mm Dynamic Blocks

Lightweight and low-friction, these blocks are perfect for fast-running control lines, sheets on keelboats, backstay systems, and high-performance catamarans.

Key Features:

Swivel Lock: Single sheave blocks include a built-in lock switch; multi-sheave options use a removable lock moulding.

Dynamic Bearings: Twin rows of stainless steel ball bearings on a stainless rail for smooth, durable performance.

Becket: Central hole allows for easy tie-off.



KEY FOR LOAD RATING TABLE

Maximum Working Load (MWL)
If exceeded the block may not perform as designed.

Breaking Load
The load at which a major block failure is likely to occur.



Part	Description	Length mm	Max Line Dia. mm	Shackle Pin mm	Breaking Load kg	MWL kg	Weight g	Hole Centres mm	Sheave Dia. mm
50mm									
A2050	Single	98.63	10	4	900	300	73	-	50
A2050Tii	Single Tii-On	72	10	-	900	300	61	-	50
A2050C	Single Cheek Block	96	10	-	900	300	80	51	50
A2052	Double	108.35	10	4	950	450	148	-	50
A2053	Double With Becket	123.75	10	4	950	450	160	-	50
60mm									
A2060	Single	117.36	12	5	1000	500	113	-	60
A2060Tii	Single Tii-On	84	10	-	1400	700	91	-	60
A2060C	Single Cheek Block	115	12	5	1000	500	149	60	60
A2062	Double	130	12	5	1250	600	255	-	60
A2063	Double With Becket	148	12	5	1250	600	271	-	60

50 & 60mm



For more information on the
60mm block range
scan the QR code.



Part	Description	Length mm	Max Line Dia. mm	Shackle Pin mm	Breaking Load kg	MWL kg	Weight g	Sheave Dia. mm
50mm								
A2058	Triple With Ratchet & Adjustable Cleat	120	10	4	950	470	394	50
A2159	Quint With Ratchet & Adjustable Cleat	136	10	5	950	470	503	50
A2054	Triple	108.35	10	4	950	470	190	50
A2054HK	Triple With Hook	140	10	4	950	470	227	50
A2055	Triple With Becket	123.75	10	4	950	470	223	50
A2056	Quad	108.35	10	5	950	470	269	50
A2057	Quad With Becket	123.75	10	5	950	470	274	50
A2059	Quint	100	10	5	950	470	323	50
60mm								
A2068	Triple With Ratchet & Adjustable Cleat	143	12	5	1250	600	535	60
A2169	Quint With Ratchet & Adjustable Cleat	148	12	6	1250	600	749	60
A2064	Triple	130	12	5	1250	600	353	60
A2065	Triple With Becket	148	12	5	1250	600	397	60
A2066	Quad	130	12	5	1250	600	443	60
A2067	Quad With Becket	148	12	5	1250	600	456	60
A2069	Quint	130	12	6	1250	600	549	60
A2069B	Quint With Becket	150	12	6	1250	600	555	60

Ratchet Blocks

Pro-Ratchet Blocks

A high-performance switchable ratchet block range that can easily be switched on or off, even under load. The patented swivel head lock system can be fixed in position, allowing for more setup options. The sheave design offers excellent holding power to ensure you can sail harder for longer! Pro-Ratchet blocks are designed for handheld lines.

AutoRatchet Blocks

This range features an automatic ratchet mechanism that engages under load, making it ideal for spinnaker sheet systems. The ratchet disengages when unloaded, allowing sheets to run freely during manoeuvres such as gybes. All Allen AutoRatchets incorporate our exclusive X2 mechanism, which utilises dual pawls to distribute load evenly. This design increases load capacity, reduces wear, and improves long-term reliability—setting a new benchmark in auto-ratchet performance.



Part	Description	Sheave Dia. mm	Length mm	Max Line Dia. mm	Shackle Pin mm	Trigger Load kg	Breaking Load kg	MWL kg	Weight g
Pro-Ratchets									
A21401	Pro-Ratchet 40	40	83.70	6	4	-	600	180	53.2
A21401B	Pro-Ratchet 40 With Becket	40	99.20	6	4	-	600	180	59.7
A2150	Pro-Ratchet 50	50	98.63	8	4	-	700	200	64.5
A2150C	Pro-Ratchet 50 With Cheek Adaptor	50	92	8	4	-	700	200	80
A2150FIDDLE	Pro-Ratchet 50 With Fiddle	50	127.63	8	4	-	700	200	80
A2151	Pro-Ratchet 50 With Becket & Cleat	50	125.09	8	4	-	700	200	275
A2160	Pro-Ratchet 60	60	117.36	10	5	-	1000	275	110
A2160WAVE	Pro-Ratchet 60 With Wave Sheave	60	117.36	10	5	-	1000	275	110
A2160C	Pro-Ratchet 60 With Cheek Adaptor	60	108	10	5	-	1000	275	139
A2160FIDDLE	Pro-Ratchet 60 With Fiddle	60	152.21	10	5	-	1000	275	139
A2161	Pro-Ratchet 50 With Becket & Cleat	60	143.2	10	5	-	1000	275	333
AutoRatchets									
A2345	X2 AutoRatchet 45	45	90	8	4	10	280	140	56
A2345Tii	X2 Tii-On AutoRatchet 45	45	64.75	8	-	10	260	140	38.7
A2360	X2 AutoRatchet 60	60	117.36	10	5	10	1000	275	139
A2360WAVE	X2 AutoRatchet 60 With Wave Sheave	60	117.36	10	5	10	1000	275	139
Multi-Sheave Ratchet Blocks									
A21403-77	Triple 40 With Pro-Ratchet & Cleat	40	92.20	6	5	-	1400	180	241
A21403B-77	Triple 40 With Pro-Ratchet, Cleat & Becket	40	107.65	6	5	-	1400	180	245.4
A2058	Triple 50 With Pro-Ratchet, Cleat & Becket	50	120	8	4	-	950	470	394
A2159	Quint 50 With Pro-Ratchet, Cleat & Becket	50	123.05	8	4	-	700	200	503
A2068	Triple 60 With Pro-Ratchet, Cleat & Becket	60	145	10	5	-	1250	600	535
A2169	Quint 60 With Pro-Ratchet, Cleat & Becket	60	148	10	6	-	1000	600	750
Accessories									
A.622	Spring Guard For Ratchets	Used to protect the ratchet block from wear caused by a spring.							2.5



Scan for more information on ratchet blocks.

Wire Blocks

Wire Blocks

Specifically intended for use where wire or dyneema lines are subjected to low rotational, high loads. The range uses stainless-steel side cheeks to give maximum strength in the smallest form possible and a single row of caged stainless-steel ball bearings in the sheave. Available with different accessories including hooks, becket, swivels and shackles giving a whole range of choice to suit most applications.



A4379HK-90 A4393 A4393HK A4479 A4993 AB1342



A4679 A4779 A4593 A4693 A4979

Part	Description	Sheave Dia. mm	Length mm	Max Line Dia. mm	Shackle Pin mm	Breaking Load kg	Weight g
A4379HK-90	Single With 90 Degree Hook	25	90	2 - 6	-	500	81
A4393	Single Fixed Head With Becket	25	59	2 - 5	5	750	31
A4393HK	Single Fixed Head And Becket With Hook	25	103	2 - 5	-	750	81
A4479	Single With Shackle	25	58	2 - 5	5	750	33
A4993	Single Clevis Pin Head	25	43	2 - 5	5	750	31
AB1342	Brass Sheaved Plain Bearing	20	37	6	-	540	-
A4679	Double Fixed Head	25	57	2 - 5	5	750	54
A4779	Double Fixed Head With Becket	25	70	2 - 5	5	750	60
A4593	Triple Fixed Head	25	57	2 - 5	5	750	78
A4693	Triple Fixed Head With Becket	25	70	2 - 5	5	750	84
A4979	Quad Fixed Head	25	51	2 - 5	5	750	89



Part	Description	Sheave Diameter mm	Length mm	Max Line Dia. mm	Shackle Pin mm	Breaking Load kg	Weight g
A4568	Single	16	29	2 - 4	4	400	11
A4668	Single With Becket	16	50	4	4	400	40
A4569	Double	16	40	2 - 4	4	400	25
A4669	Double With Becket	16	50	2 - 4	4	400	26
A4570	Triple	16	40	2 - 4	4	400	36
A4670	Triple With Becket	16	50	2 - 4	4	400	38



Part	Description	Sheave Diameter mm	Length mm	Max Line Dia. mm	Shackle Pin mm	Breaking Load kg	Weight g
A4279	Single Flared Cheek	25	41	2 - 7	5	750	44
A4379	Single Fixed Head	25	41	2 - 5	5	750	25
A4379HK	Single With Hook	25	105	2 - 6	-	500	81

KEY FOR LOAD RATING TABLE

Maximum Working Load (MWL)
If exceeded the block may not perform as designed.

Breaking Load
The load at which a major block failure is likely to occur.



A4496 A4596 A4696 A4796 A4068

Part	Description	Sheave Dia. mm	Length mm	Max Line Dia. mm	Shackle Pin mm	Breaking Load kg	Weight g
A4196	Single Fixed Head	38	62	2 - 6	5	1000	71
A4296	Single With Shackle	38	74	2 - 6	5	1000	80
A4396	Single Fixed Head With Becket	38	80	2 - 6	5	1000	84
A4496	Double Fixed Head	38	74	2 - 6	5	1000	141
A4596	Double Fixed Head With Becket	38	93	2 - 6	5	1000	150
A4696	Triple Fixed Head	38	74	2 - 6	5	1000	195
A4796	Triple Fixed Head With Becket	38	93	2 - 6	5	1000	208
A4068	Optimist Sprit	16	55	2 - 4	4	400	20

Snatch Blocks

High Roller Blocks

Snatch Blocks

Allen Snatch Blocks feature the same dynamic bearing technology as our 30 and 40mm dynamic ranges. Our snatch blocks have an easy to use mechanism for opening and closing the cheeks making them the perfect choice for any application where attaching and releasing from control lines is important.



Part	Description	Length mm	Max Line Dia. mm	Breaking Load kg	MWL kg	Sheave Dia. mm	Weight g
A1375	Snatch Block	76	6 - 10	700	200	40	95
A1375-A4102	Snatch Block With Swivel	76	6 - 10	700	200	40	95
A1375-S	Snatch Block With Additional Small Sheave	80	10	700	200	40 & 16	93.5
A1376	Snatch Block With Snap Shackle	76	6 - 10	700	200	40	203
A1377	Snatch Block With No Keeper Mechanism	76	6 - 10	700	200	40	94
A1378	Back To Back Snatch Blocks With Swivel	76	6 - 10	700	200	40	373
A4475	Snatch Block No Keeper	53	5 - 6	350	140	30	28

High Roller Blocks

High performance blocks designed for high stakes sailing.

Lightweight aluminium side cheeks encapsulate an aluminium sheave, which free spins on roller bearings and side load ball bearings.

Easily unassembled and serviced to give longer lasting high performance.

Ideal for fast running and highly loaded lines on big boats. Applications such as: mainsheets, runners, halyards, spinnaker systems, jib sheets and control lines.



A9040

This is the smallest block available on the market which features a high load two-stage roller bearing system. Roller (needle) bearings take the main loads of the sheave and offer great sheave rolling speeds at high loads. The side load ball bearings cater for any off-centre loading and minimise friction further.

A9060

The 60mm high roller block features caged roller (needle) bearings. The cage keeps the rollers spread evenly around the sheave whilst also stopping the rollers from rubbing together. This reduces friction and allows for faster rolling speeds. The side load ball bearings cater for any off-centre loading and minimise friction further.



Part	Description	Breaking Load kg	Length mm	Max Line Dia. mm	MWL kg	Sheave Dia. mm	Weight g	Hole Centres mm
A9040	Single Tii-On High Roller	2000	55	10	800	40	47	-
A9060	Single Tii-On High Roller	4000	83	13	2000	60	132	-
SA9040	Servicing Kit For A9040	-	-	-	-	-	-	-
SA9060	Servicing Kit For A9060	-	-	-	-	-	-	-
L-CLS-M-300	Dyneema Cover Tii-Shackle For A9040	-	180	-	833	-	-	-
L-CLS-XXL-300	Dyneema Cover Tii-Shackle For A9060	-	250	-	1833	-	-	-

Dyneema cover shackles available



Thimbles

High Load Thimbles

Thimbles are a great alternative to blocks when there is a need for high static load capabilities. Our high load thimbles come coated in Teflon to help reduce friction. Machined from aluminium and anodised in a choice of 6 colours, Blue, Black, Silver, Gold, Orange, Purple. Also available in stainless steel.



Scan the QR code to find out more.

Tii-Bones



For more information on our new range of Tii-Bones scan the QR code



THIMBLES



Tii-Bones

The Tii-Bone range has been developed to streamline the rigging of halyards, sheets and control lines. Its unique, non-slip design is perfect for various rigging tasks, whether you're lashing, tensioning, or securing lines and blocks.

Tii-BONES



A..82-8
A..82-10
A..82-14



Part Number	Description	Inside Diameter mm	Depth mm	Maximum Working Load kg	Weight g
A..87-15	Aluminium Thimble	6	6	300	1
A..87-20	Aluminium Thimble	8	8	400	2
A..87-25	Aluminium Thimble	10	10	800	5
A..87-30	Aluminium Thimble	12	12	1000	7
A..87-35	Aluminium Thimble	15	14	1500	11
A..87-50	Aluminium Thimble	20	21	2000	40
A..87-75	Aluminium Thimble	28	31	2500	154
A..87-90	Aluminium Thimble	28	39	3000	289
A..82-8	Stainless Steel Thimble	8.1	5	150	0.5
A..82-10	Stainless Steel Thimble	9	6	250	2
A..82-14	Stainless Steel Thimble	14.2	8	300	1.5



Dog Bones

Dog Bones provide a quick and simple way to terminate a line or connect it to another line or deck fitting. Their unique shape holds the rope securely, preventing slippage under load. Available in 6 colours. Black, Blue, Gold, Silver, Purple and Orange.

Part Number	Description	Length mm	Maximum Outside Diameter mm	Minimum Outside Diameter mm	Rope Diameter mm	Safe Working Load kg	Breaking Load kg	Weight g
Tii-Bones								
A9603	3mm Tii-Bone	20	9	7	3	300	600	1.9
A9604	4mm Tii-Bone	24	14	10.5	4	600	1100	5.2
A9605	5mm Tii-Bone	28	16	12.5	5	750	1500	7.9
A9606	6mm Tii-Bone	32	17	14	6	950	1900	10.6
A9608	8mm Tii-Bone	42	20	16	8	1500	3000	18.2
Dog Bones								
A8606	Dogbone	24	6	4	2 - 4	350	600	1
A8608	Dogbone	32	8	6	4 - 5	600	1100	3
A8610	Dogbone	36	10	6.5	5 - 6	900	1800	4.6
A8612	Dogbone	40	12	7	5 - 6	1400	2500	7
A8616	Dogbone	48	16	8	6 - 8	2000	3500	14

Flip Flop Blocks

Flip flop blocks are designed to pivot around a central fixing point, this keeps the rope close to the deck, mast or boom whilst still allowing the block to articulate to the correct lead angle, ensuring friction stays as low as possible whilst still guiding the rope to where it needs to go.

20mm & 30mm Flip Flop Blocks









A2123

A2133

A2123-677

A2133-677

A2123-77

A2133-77

A4988X

Part	Description	Breaking Load kg	Fixing Hole Centres mm	Fixing Hole Size mm	Max Line Dia. mm	MWL kg	Sheave Size mm	Weight g
A2123	20mm Flip Flop Block	350	16	4	5	105	20	19
A2123-677	20mm Flip Flop Block With A.677 Cleat	350	16	4	5	80	20	78
A2123-77	20mm Flip Flop Block With A..77 Cleat	350	16	4	5	100	20	86
A2133	30mm Flip Flop Block	700	20	5	6	140	30	53
A2133-677	30mm Flip Flop Block With A.677 Cleat	700	20	5	6	80	30	119
A2133-77	30mm Flip Flop Block With A..77 Cleat	700	20	5	6	100	30	128
A4988X	Lightweight Flip Flop Cleat With Removable Sheave	170	85.5	5	6	100	30	108

40mm Flip Flop Blocks

								
A2143		A2143-76		A2143-676				
Part	Description	Breaking Load kg	Fixing Hole Centres mm	Fixing Hole Size mm	Max Line Dia. mm	MWL kg	Sheave Size mm	Weight g
A2143	40mm Flip Flop Block	-	60.3	5	10	150	40	77
A2143-676	40mm Flip Flop Block with A.676 Cleat	-	60.3	5	10	150	40	210
A2143-76	40mm Flip Flop Block With A..76 Cleat	-	60.3	5	10	150	40	255

Deck Organiser

Deck Organiser

Designed for leading control lines and halyards along a deck or coach roof. Made from marine grade aluminium and anodised black. Each item includes four bolts, nuts and washers. The non-sheave column can be used as a becket.

Stackable - Easily stacked to create a double height deck organiser. When stacked the upper organiser is rated to two-thirds of the max working and breaking load.

Plain & Dynamic - Available in either plain bearing for higher static loads (more suitable for winched applications) or dynamic bearing for lower loading, fast running applications.

30-Degree Load Rating - The deck organiser range is load rated based on a 30-degree turning angle around the sheave. A 30-degree turn on a sheave will have a load factor of 50% of the line load.



KEY FOR LOAD RATING TABLE

Rated Based On a 30-Degree Turning Angle
30-degree turns have a loading of 50% of the line load.

Breaking Load
The load at which a major block failure is likely to occur.

			
A2423P	A2423	A2433P	A2433
A2443P	A2443	A2424P A2424	

Part	Description	Breaking Load kg	Bearing Type	Length mm	Max Line Dia. mm	MWL kg	Sheave Dia. mm	Number of Sheaves	Weight g
A2423P	20mm PB Triple Deck Organiser	1000	Plain	87	6	-	20	3	41
A2423	20mm DB Triple Deck Organiser	1000	Dynamic	87	6	500	20	3	41
A2424P	20mm PB Quad Deck Organiser	1000	Plain	112	6	-	20	4	58
A2424	20mm DB Quad Deck Organiser	1000	Dynamic	112	6	500	20	4	58
A2433P	30mm PB Triple Deck Organiser	1800	Plain	118	8	-	30	3	86
A2433	30mm DB Triple Deck Organiser	1400	Dynamic	118	8	600	30	3	86
A2443P	40mm PB Triple Deck Organiser	2000	Plain	170	16	-	40	3	208
A2443	40mm DB Triple Deck Organiser	700	Dynamic	170	16	700	40	3	208

Classic Blocks

V Cleat Blocks

Simple yet effective choice for many vang and cunningham setups. Available in stainless steel or die-cast aluminium and with different fixing accessories giving choices to suit most applications.



A..93

A..93LZ

A4265

Part	Description	Sheave Dia. mm	Length mm	Max Line Dia. mm	Shackle Pin mm	Breaking Load kg	MWL kg	Weight g
A..93	Plain Bearing Single Sheave With Becket	26	79	6	5	620	310	39
A..93LZ	Plain Bearing Single Sheave With Becket & Key	26	86	6	5	620	310	40
A4265	V Cleat With Single Sheave & Becket	26	61	4	5	450	250	33

Classic Dinghy Blocks

Manufactured from nylon and available with either a plain bearing system or ball bearing system. Originally used for the Laser® class mainsheet system they have also become the block of choice for many other dinghy mainsheet systems. Available in a black, grey and blue



A.178
A.178BB

A.178-74
A.178-74BB

A.278
A.278BB

A.278-74
A.278-74BB

A.378
A.378BB

A.179BBO

Part	Description	Sheave Dia. mm	Length mm	Max Line Dia. mm	Breaking Load kg	MWL kg	Weight g
A.178	Single Plain Bearing	25	48	8	250	140	13
A.178BB	Single Ball Bearing	28	48	8	250	150	24
A.178-74	Single Plain Bearing With Inglefield Clip	25	69	8	250	140	23
A.178-74BB	Single Ball Bearing With Inglefield Clip	28	69	8	250	140	32
A.278	Single Plain Bearing	38	67	10	300	155	36
A.278BB	Single Ball Bearing	38	67	10	300	155	50
A.278-74	Single Plain Bearing With Inglefield Clip	38	86	10	300	155	45
A.278-74BB	Single Ball Bearing With Inglefield Clip	38	86	10	300	155	56
A.378	Single Plain Bearing With Becket	38	86	10	300	155	38
A.378BB	Single Ball Bearing With Becket	38	86	10	300	155	55
A.179BBO	Linked Singles Nylon Ball Bearing Blocks	28	98	8	250	150	30

Stanchion Mounted Blocks An inexpensive yet brilliantly simple solution for leading lines from the foredeck back to the cockpit



A.450

A.450A

A.455

Part Number	Description	Length mm	Line Diameter mm	Bracket Diameter mm	Maximum Working Load kg	Breaking Load kg	Weight g
A.450	Stanchion Mounted Plain Bearing Block	94	14	25	200	280	69
A.450A	Stanchion Mounted Block With Removable Pin	94	14	25	200	280	69
A.455	Stanchion Mounted Fairlead With Stainless Bush	60	14	25	200	280	43

KEY FOR LOAD RATING TABLE

Maximum Working Load (MWL)
If exceeded the block may not perform as designed.

Breaking Load
The load at which a major block failure is likely to occur.



Dylan Fletcher - International Moth - credit: James Tomlinson

Lightweight Plain Bearing Blocks

Featuring 316 stainless steel sides and a variety of sheave material options and sizes. They provide a great budget solution to low movement applications that just need a simple yet attractive block.



Part	Description	Sheave Dia. mm	Length mm	Max Line Dia. mm	To Suit Shackle Pin mm	Breaking Load kg	Weight g
A4078	Single With Acetal Sheave	16	26	5	4	275	5
A4080	Single With Brass Sheave	16	26	5	4	275	10
A4081	Double With Acetal Sheave	16	30	5	4	275	10
A4181	Cheek With Acetal Sheave	16	30	5	4	275	6
A4178	Single With Acetal Sheave	25	41	8	5	400	13
A4501	Through Deck Single With Acetal Sheave	16	16	5	-	275	7
A4601	Through Deck Single With Brass Sheave	16	16	5	-	275	13
A4301	Through Deck Double With Acetal Sheave	16	38	5	-	275	15
A4401	Through Deck Double With Brass Sheave	16	38	5	-	275	27

Sheaves

Made from acetal resin, aluminium or stainless steel and featuring either stainless steel ball bearings or plain bearings, our sheaves come in a wide range of sizes and configurations to suit all applications. Ideal for replacing old or worn parts or building a custom fitting yourself. Breaking loads are very dependant on the axle fitting used. If you do not see a sheave size to suit your requirements, please contact us as we may have more options available. We can also create custom sheaves.

	Part Number	Description	Diameter mm	Width mm	Bore mm	Weight g	Breaking Load Kg	Colour
	A3342	High Load SS Sheave With Double Row Ball Bearing	20	11	4.5	12	540	-
	A3342-XHL	XHL Cassette	20	11	4.5	11.2	900	-
	A3343	High Load SS Sheave With Double Row Ball Bearing	28.5	13	7.5	26	800	-
	A3343-XHL	XHL Cassette	28.35	13	7.25	27	1250	-
	A4567	High Load SS Sheave With Single Row Ball Bearing	16	5	3.5	5	400	-
	A4986-6	High Load SS Sheave With Single Row Ball Bearing	25	6	8	17	750	-
	A4986-8	High Load SS Sheave With Single Row Ball Bearing	25	8	8.4	19	750	-
	A4786-6	High Load SS Sheave With Single Row Ball Bearing	38	6	8	51	1000	-
	A4786-8	High Load SS Sheave With Single Row Ball Bearing	38	8	8	55	1000	-
	A4786-10	High Load SS Sheave With Single Row Ball Bearing	38	10	8	59.3	1000	-
	A4886	Acetal Sheave With Double Row Ball Bearing	20	7	3	5	540	Grey
	A4886-5	Acetal Sheave With Double Row Ball Bearing	20	8.2	5.2	3	540	-
	A4886B	Acetal Sheave With Double Row Ball Bearing	20	7	3	3	540	Black
	A4086	Acetal Sheave With Double Row Ball Bearing	28.2	11	5.1	9.8	700	Grey
	A4086B	Acetal Sheave With Double Row Ball Bearing	28.2	11	5.1	9.8	700	Black
	A3086	Acetal Sheave With Double Row Ball Bearing	38	12	5	16	800	Grey
	A2086-4	20mm Dynamic Sheave	20	8	4.2	5.6	540	Black
	A2086-5	20mm Dynamic Sheave	20	8	5.5	5	540	Black
	A1086	Acetal Sheave With Double Row Ball Bearing	40	14	6	26	700	Grey
	A1086B	Acetal Sheave With Double Row Ball Bearing	40	14	6	26	700	Black
	A1086SP-B	Acetal Sheave With Double Row Ball Bearing	40	14	8	27	700	Black
	A1886	Acetal Sheave With Double Row Ball Bearing	52	15	6.5	46	800	Grey
	A..45	Acetal Sheave	15	6	6	0.5	-	-
	A..86-6	Acetal Sheave	25	6	8	2	-	-
	A..86-8	Acetal Sheave	26	8	8	2.5	-	-
	A.220	Acetal Sheave	27	6	9	2	-	-
	A..85	Acetal Sheave	36	6	8	5	-	-
	A.150	Acetal Sheave	38	8	8	7	-	-
	A.150-6	Acetal Sheave	38	6	8	7	-	-
	A.119	Acetal Sheave	50	8	8	10	-	-
	A.386	Nylon Cheek Block	27	8	8	9	-	-
	A.612	Acetal Sheave	20	7	6	1	-	-
	A.613	Acetal Sheave	27	10	8	2	-	-
	A.614	Acetal Sheave	38	12	8	8	-	-
	A..80A	Acetal Sheave Wide	27	18	10	4	-	-
	A..80B	Acetal Sheave Wide	27	18	8	4	-	-

Sheaves continued

	Part Number	Description	Diameter mm	Width mm	Bore mm	Weight g	Breaking Load Kg	Colour
	A.215	Acetal Sheave	38	12	8	9	-	-
	A.216	Acetal Sheave	50	13	8	14	-	-
	A.217	Acetal Sheave	74	13	9	26	-	-
	A.219	Acetal Sheave	62	13	7.8	20	-	-
	A..84	Aluminium Sheave	28	8	9	10	-	-
	A.185	Aluminium Sheave	38	6	8	14	-	-
	A..83	Aluminium Sheave	38	8	8	20	-	-
	A.315	Aluminium Sheave	38	12	8	30	-	-
	A..46	Brass Sheave	16	6	6	6.5	-	-

Springs Stainless Steel

Our stainless steel springs are designed to be paired with our range of dynamic blocks. Available as a firm, soft or conical design to give the block the desired stand up stance you require.

Part	Description	Height mm	Inside Dia. mm	Outside Dia. mm	Weight g	Wire Diameter mm
A1034	Firm Stainless Steel	43.7	21.4	25.4	10	2
A4033	Soft Stainless Steel	43.2	22.6	25.4	16	1.4
A4034	Cone Shaped Stainless Steel	25	13.7	23.2	2	1.2

Below is a chart that shows the compatibility between the different styles of springs and block ranges.

	Lacing eye	20mm range	30mm range	40mm range	50mm range	60mm range	A2345 ratchet	A21401 ratchet	A2150 ratchet	A2160 ratchet	A2360 ratchet	A4093	A4178	27mm range	38mm range
	A4073		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
	A4388		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
	A4488		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
	A5015		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
	A5015F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
	A6050		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
	A6051		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
	A4073	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
	A4088		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
	A4388		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
	A5015		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
	A5015F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
	A5016		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
	A5016F		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
	A6050		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
	A6051		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓

Cleat Tech Guide

The Allen Brothers were the original inventors of aluminium cam cleat, a product which represents a remarkable evolution in sailing hardware, enhancing the efficiency and control of sailboat operations, particularly in demanding high-load situations and competitive racing scenarios.

Types of Cam Cleats

Aluminium Ball Bearing Cam Cleat

Aluminium cam cleats feature two rows of Delrin® ball bearings strategically placed within the cleat’s mechanism. When tension is applied to the line, the ball bearings facilitate the rotation of the cam, allowing it to engage or release the line with minimal friction. This design results in an exceptionally smooth and responsive action, making adjustments fluid and effortless.

The aluminium jaws are extremely hard wearing and strong. Aluminium cam cleats are better suited to higher loading applications and are suitable for both dinghies and yachts.

Allenite Plain Bearing Cam Cleat

Allenite is a proprietary material we have developed specifically for low weight and good heat dissipation to increase wear resistance over standard acetals.

Allenite plain-bearing cam cleats are a more budget-friendly option than the aluminium ball-bearing equivalent. Ideal for sailors who want reliable line control without investing in higher-priced hardware.

These cam cleats are well-suited for moderate-load applications. If the sailing activities involve lines that don’t experience extremely high tension or loads, an Allenite cam cleat can provide sufficient grip and control whilst being lighter and more compact than their aluminium ball-bearing counterparts.

The Allenite plain-bearing cam cleats have a simpler internal mechanism, which can make maintenance and cleaning easier. Sailors who prefer straightforward maintenance routines might appreciate the simplicity of these cleats.

Servicing

Wash cam cleats on your boat with fresh water after sailing. This helps remove any salt, grit or sand from the internal mechanism. Ensuring your cam cleat will operate smoother for longer.

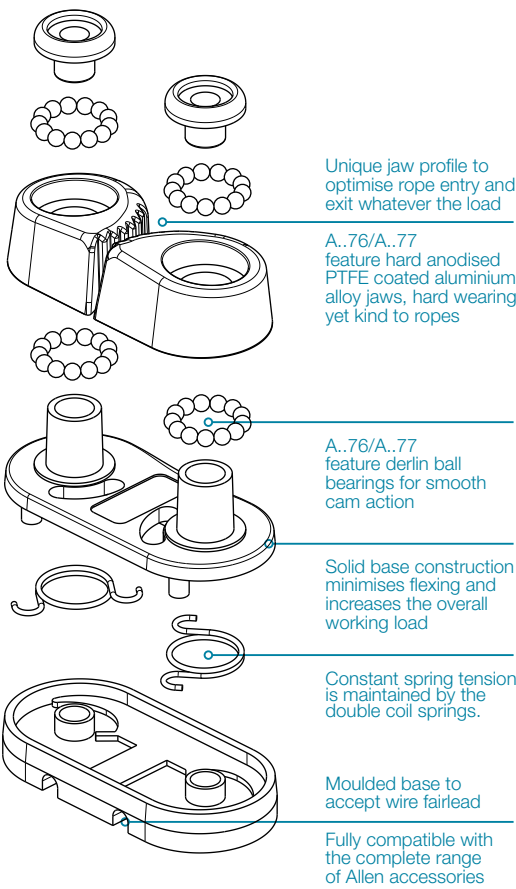
Both Aluminium and Allenite cam cleats are serviceable. Scan the QR code to watch the how to service video.

Working Loads

Usually, you would expect to see a Breaking Load and a Maximum Working Load for a Cam Cleat, However, Allen Cam Cleats do not have a breaking load, due to the nature of their design.

The breaking load is as you would expect, the load at which the product breaks. But, due to the profile of the cam cleat jaw, it typically isn’t possible to reach a “breaking load”. When the load of the rope exceeds the stated working load of the cam cleat, the rope will slip upwards until it pops out of the cleat. The cam cleat will remain undamaged, and once the load on the line has been reduced it can be cleated again.

Therefore, our cam cleats only have a maximum working load – the load at which the rope pops out of the cleat.



CAM CLEATS

The Allen Brothers invented the original cast aluminium cam cleat back in the 60’s. Over the years we have made small tweaks to the shape of the jaws to suit modern rope and usage. We have also developed ‘Allenite’ a proprietary material specifically for low weight and good heat dissipation to increase wear resistance over standard acetals.

New **A5866-77**
Performance Swivel Cleat
Page 42

A5866-76
Performance Swivel Cleat
Page 42

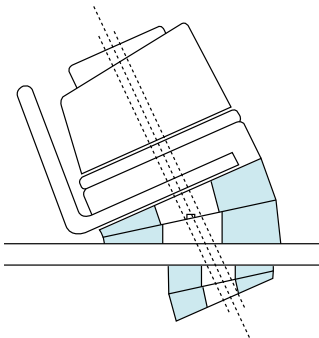
A.195
Curved Lifter Small
Page 39

A.295
Curved Lifter Medium
Page 39

Cam Cleats

Cam Cleats

Allen cam cleats have had more than 50 years of meticulous R&D to perfect their design. The jaw profile is optimized for easy rope entry and exit which results in a smooth cleating action. Both Aluminium and Allenite cam cleats work with the vast range of accessories which are designed to help guide rope in or out of the cam cleat jaws.



Cam Cleat Accessories

Allen Cam Cleat Accessories are available to make sure you get the most from your Allen Cam Cleat. There is a range of cleat lifters, wedges and fairleads to ensure that the rope running through your cam cleat is as efficient as possible.



Cam Cleat Updates

In 2025, we refined our Aluminium Cam Cleats (A..77 & A..76), making subtle improvements to enhance performance. The internal springs are now slightly softer, allowing lines to drop into the jaws more easily when not under load. We've also updated the plastic bases and caps to a sleek dark grey, giving the cleats a more modern and cohesive look.



Part	Description	Line Size mm	Fixing Hole Centres mm	Height mm	Weight g	Fixing Hole Size mm	MWL kg
A..76	Ball Bearing Cam Cleat - Medium	4 - 10	38	29	63	5	150
A..77	Ball Bearing Cam Cleat - Small	2 - 6	28	22	29	4	100
A..76-496	Ball Bearing Cam Cleat With Mega Pro Lead - Medium	4 - 10	38	48	103	5	150
A..77-497	Ball Bearing Cam Cleat With Mega Pro Lead - Small	2 - 6	28	39	50	4	100
A.676	Alenite Cam Cleat - Medium	4 - 10	38	29	34	5	130
A.677	Alenite Cam Cleat - Small	2 - 6	28	22	22	4	80
A.676-496	Alenite Cam Cleat With Mega Pro Lead - Medium	4 - 10	38	48	74	5	130
A.677-497	Alenite Cam Cleat With Mega Pro Lead - Small	2 - 6	28	39	45	4	100
A5848	Laser/ ILCA Control Line Cleats With Base	2 - 6	67	56	141.9	5	100
A5861	Laser/ ILCA Lower Vang Unit	2 - 6	-	82	201.5-	5	-

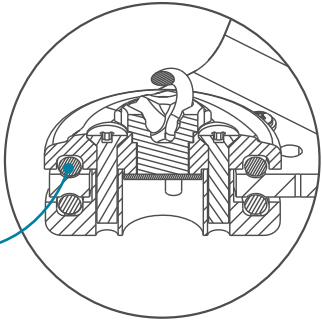
Part	Description	Fixing Hole Centres mm	Use With	Weight g
A.496	Mega Pro-Lead Medium	38	A.676/A..76	40
A.497	Mega Pro-Lead Small	28	A.677/A..77	40
A.396	Pro-Lead Medium	38	A.676/A..76	35
A.397	Pro-Lead Small	28	A.677/A..77	35
A.488	Fairlead Small	28	A.67/A..77	2
A.588	Fairlead Medium	38	A.676/A..76	5
A4761	Through Deck Fairlead Medium	38	A.676/A..76	49
A4771	Through Deck Fairlead Small	28	A.677/A..77	22
A.597	Mainsheet Roller	38	A..76	97
A1396	Pro-Lead Wedge Medium	38	A.676/A..76	9
A1397	Pro-Lead Wedge Small	28	A.677/A..77	9
A4665	Stainless Steel Wire Under Fairlead Small	-	A.677/A..77	6
A4665-LOW	Stainless Steel Wire Under Fairlead Small And Low	-	A.677/A..77	-
A4675	Stainless Steel Wire Under Fairlead Medium	-	A.676/A..76	12
A.193	Cleat Lifter 15mm High	28	A.677/A..77	11
A.293	Cleat Lifter 22mm High	38	A.676/A..76	21
A.194	Cleat Lifter 8mm	28	A.677 / A..77	6
A.294	Cleat Lifter 10mm High	38	A.676/A..76	13
A.993	Cam Cleat Wedge Small	28	A.677/A..77	4
A.893	Cam Cleat Wedge Medium	38	A.676/A..76	4
A.593	Under Deck Cam Cleat Wedge Medium	38	A.676/A..76	-
A.493	Under Deck Cam Cleat Wedge Small	28	A.677/A..77	-
A.593-893	Wedge Kit Medium	38	A.676/A..76	12
A.493-993	Wedge Kit Small	28	A.677/A..77	7
A.762	Backing Plate	38	A..76 / A.676	-
A5847	Laser/ ILCA Cam Cleat Plate With Wire Fairleads	67	A.677	-
A.195	Curved Lifter Small	28	A.677/A..77	5
A.295	Curved Lifter Medium	38	A..76 / A.676	9

Mainsheet Jammers

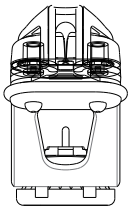
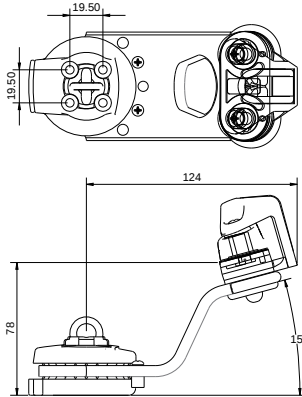
Mainsheet Jammers

Allen Mainsheet Jammers have had many hours of research and development to give the best possible product. The range features our world leading cold forged bearing system which has a ball locating groove for smooth rotation whilst preventing the lateral movement of the arm. The angle and height of the cam cleat has been carefully designed to optimise mainsheet jamming and release when required. The angles of rotation can be set to 180, 220 or 360 degrees.

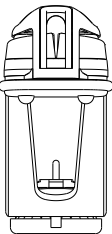
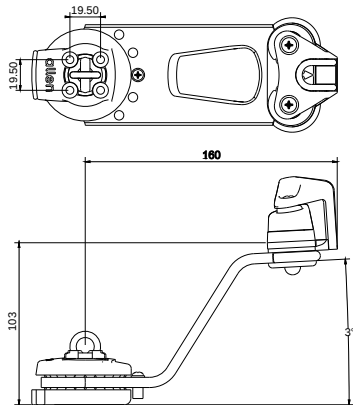
Improved base and bearing mechanism



A5166COMPACT



A5166

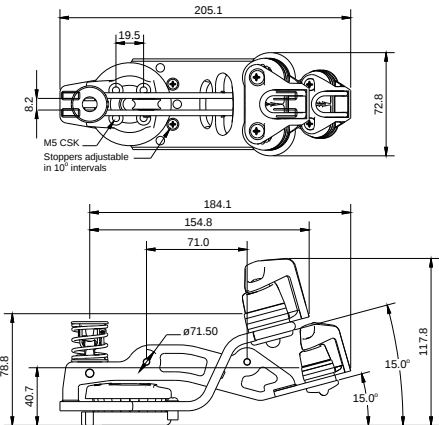


Mainsheet Jammers are available to order with or without Ratchet Blocks.

Part	Description	Comes with	Fixing Hole Centres mm	Fixing Hole Dia. mm	MWL kg	Weight g
A5166COMPACT	Compact Mainsheet Jammer	A2160, A..76-496	19.5 x 19.5	5	600	342
A5166	Standard Height Mainsheet Jammer	A2160, A..76-496	19.5 x 19.5	5	600	368
A5166DUAL-ARM-COMPACT	Compact Dual Arm Mainsheet Jammer	A2160, A..76-496, A..77-497	19.5 x 19.5	5	600	504
A5166DUAL-ARM	Standard Height Dual Arm Mainsheet Jammer	A2160, A..76-496, A..77-497	19.5 x 19.5	5	600	513
A5266COMPACT	Compact Self Aligning Mainsheet Jammer	A2160, A..76-496	19.5 x 19.5	5	600	369
A5266	Self Aligning Mainsheet Jammer	A2160, A..76-496	19.5 x 19.5	5	600	406



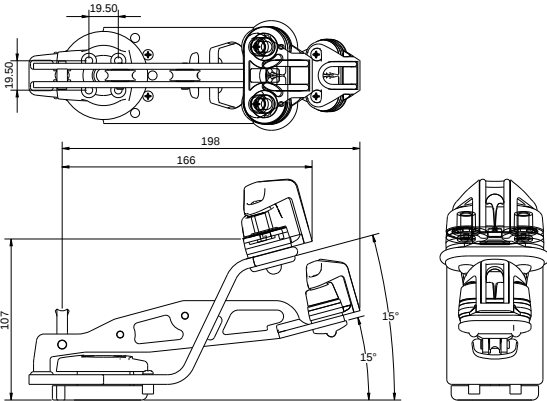
A5166DUAL-ARM-COMPACT



"Loving the slingshot and the cleat angle is spot on. Great product."
George Hand



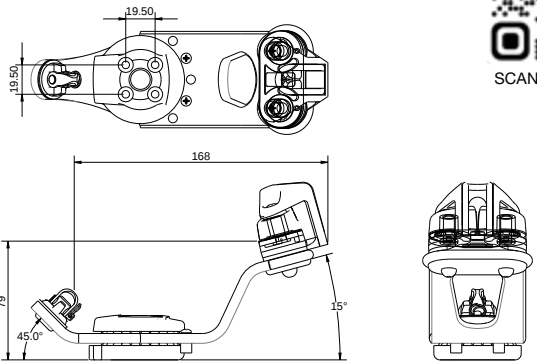
A5166DUAL-ARM



The A5266 has the block mounted behind the swivel centre and angled towards the cleat. This creates a turning force on the block and jammer, meaning that the cleat will always be forced to point away from the boom and towards the helm ensuring the rope is to hand.



A5266



SCAN FOR MORE INFO

Swivel Cleats

Swivel Cleats

Engineered for smooth and efficient line handling, our Swivel Cleats allow for easy cleating and releasing from any angle—perfect for applications such as jib sheeting and vang control systems.

Performance Swivel Cleat: Developed in collaboration with world-class 49er sailors, it is the culmination of years of testing and refinement. Available in two sizes and two colour options to suit a range of setups.



For more information on our new swivel cleat scan the QR code.



SWIVEL CLEATS

SWIVEL CLEATS



A5866-77 A5866-76

A4766 A4466

A4876

Available in Black or Blue Anodising.

Part	Description	Line Size mm	Height mm	Fixing Hole Centres mm	Weight g	Fixing Hole Size mm	Cam Cleat	Maximum Working Load kg
Small Cam Cleat								
A5866-77	Performance Swivel Cleat	2 - 6	56.60	3 x 28	159	5	A..77	120
A4766	Angled With Small Allenite Cleat	2 - 6	57	3 x 28	100	5	A.677	120
A4876	Through Deck Control Line Cleat	4 - 6	63	4 x 29	120	5	A..77	120
Medium Cam Cleat								
A5866-76	Performance Swivel Cleat	4 - 10	67.70	3 x 28	250	5	A..76	150
A4466	Angled With Medium Allenite Cleat	4 - 10	72	3 x 27	137	5	A.676	120

Clamcleat®

We're Now a Full Distributor of Clamcleat® Products

We're excited to share that Allen is now a full distributor of the complete Clamcleat® product range. Becoming a full distributor means we can now offer our customers the entire Clamcleat range — including products supplied on branded retail display cards. Whether you're a boat builder, chandlery or sailor, you'll benefit from better availability, quicker delivery times and a more complete offering through Allen. **Below you will find just some of the most popular Clamcleat products. To see the complete clamcleat range scan the QR code.**



Scan the QR code to see the **full Clamcleat catalogue** on the Allen website. All items are available through us, so please contact our sales team with any questions.



CL257



CL217M1
CL217M1A



CL270A



CL211MK2/S2
CL211MK2/S2A

Part	Description	Rope Diameter mm	Fixing Hole Centres mm	Length mm	Width mm	Height mm	Weight g
C211M1	MK 1 Racing Junior Silver	3 - 6	66	82	18	23	34
C211M1A	MK 1 Racing Junior Anodised	3 - 6	66	82	18	23	34
C211M2	MK 2 Racing Junior Silver	3 - 6	27	55	16	20	23
C211M2A	MK 2 Racing Junior Anodised	3 - 6	27	55	16	20	23
C257	Auto-Release Racing Mini	4 - 6	36	68	22	28	31
C217M1	Mk 1 Side Entry Silver Starboard	3 - 6	66	82	18	23	32
C217M1A	Mk 1 Side Entry Anodised Starboard	3 - 6	66	82	18	23	32
C270A	Racing Micros With Becket Anodised	1 - 4	24	44	13	19	14
C211MK2/S2	MK 2 Racing Junior Silver With Becket	3 - 6	27	55	16	20	23
C211MK2/S2AN	Mk 2 Racing Junior Anodised With Becket	3 - 6	27	55	16	20	23

V Cleats

Simple and cost effective. The V Cleat is one of the original methods for cleating rope and to this day is still the favoured option for many applications. V Cleats are the perfect choice for low to medium loaded applications where a quick and easy adjustment or release of rope is required. V cleats are commonly used to cleat tensioning systems for awnings, flag poles and simple boat control systems.



A.146
A.246
A.346

A4146

A4246

Part	Material	Fixing Hole Size mm	Rope Diameter mm	Fixing Hole Centres mm	Length mm	Height mm	Weight g
A.146	Glass Filled Nylon	4	2 - 6	53	65	15	5
A.246	Glass Filled Nylon	4	2 - 8	80	97	23	18
A.346	Glass Filled Nylon	5	3- 12	108	129	32	51
A4146	Stainless Steel	4	3 - 6	23	29	10	9
A4246	Stainless Steel	5	2 - 6	53	67	13	10

Burgee Cleats

Originally designed for securing burgee and pennant lines, Allen Burgee Cleats have a wide range of applications and are a favourite for committee boats, race huts and club flag posts.



A.124

A.130

Part	Description	Fixing Hole Size mm	Max Rope Diameter mm	Fixing Hole Centres mm	Length mm	Height mm	Weight g
A.124	Small Burgee Cleat	3	6	63	12	23	3
A.130	Large Burgee Cleat	3	8	92	17	34	6

Horn Cleats

The classic rope cleat, used for spars, decks and numerous other applications where rope needs securing.



A..81
A.181
A.281
A.381
A.781

A.481

Part	Material	Fixing Hole Size mm	Max Rope Diameter mm	Fixing Hole Centres mm	Length mm	Height mm	Weight g
A..81	Nylon	3	5	20	62	13	6
A.181	Nylon	4	8	33	99	20	9
A.281	Nylon	5	10	48	155	27	33
A.381	Nylon	6	14	64	200	38	74
A.781	Nylon	5	11	42	133	25	22
A.481	Acetal	5	8	31	100	18	10

Pump Action Cleat

The ultimate fast cleating and automatic releasing cleat for rapid but positive hoisting. Most frequently used in conjunction with a 1:2 spinnaker halyard system with elastic take-away. Watch the video to find out more <https://www.youtube.com/watch?v=ag-3ipgrqas>



A2077

Part	Description		Fixing Hole Centres mm	Length mm	Height mm
A2077	Pump Action Cleat	1.5 - 4	18	40	33.5

Traveller Car Guide

Allen traveller car systems are designed to optimise sail trim and control systems on dinghies and keelboats up to 28ft. Highly versatile and fully customisable, they can be tailored to suit a wide range of applications. Trusted by leading boat builders worldwide, Allen traveller systems are commonly used for self-tacking jibs on skiffs and mainsheet controls on high-performance racing boats.

Ball Bearing Cars

All Allen ball bearing traveller cars feature recirculating Torlon ball bearings. Torlon is renowned for its outstanding strength, stiffness, high-temperature resistance, and low weight—making it an ideal material for traveller systems subject to high static loads.

The recirculating design allows the bearings to roll smoothly along the track and loop around the central “island” of the car, keeping them securely captive. This design minimises friction for smooth movement while maintaining a high working load capacity, preventing the bearings from being crushed, damaged, or dislodged under extreme loads.

Recirculating Torlon Ball Bearings

One Piece Aluminium Car Hard Anodised

Aluminium Track Available In Custom Specifications

Maximum Working Load

The Maximum Working Load (MWL) represents the highest load at which the traveller car can roll or slide smoothly without causing damage to the bearings. While the car is capable of withstanding higher static loads, it is not advisable to move it under such conditions, as this may compromise the integrity of the bearings. **Increasing Working Load Capacity:** Need to handle higher loads? Use multiple cars to distribute the load. Tii-On cars can be linked using a Tii-shackle and standard cars can be linked with a stainless steel plate. Alternatively, our longer car options spread the load over more bearings, allowing for smoother operation under higher loads.

Custom Track Bending

Both size 14 and 19 tracks can be tailored to your exact specifications. Whether you require horizontal, vertical, or compound bends, our team can deliver precise results for an additional charge. Please contact our sales team for more information.

Acetal Plain Bearing Slider

Stainless Steel Pin Stop Plunger

One Piece Aluminium Car Hard Anodised

Plain Bearing Cars

Allen plain bearing traveller cars are fitted with solid acetal sliders instead of ball bearings, making them ideal for applications where high loads are expected but constant adjustment is not required.

The durable acetal sliders offer excellent strength and wear resistance, allowing the car to perform reliably under sustained static loads. This design provides a more cost-effective solution compared to ball bearing systems, while still delivering smooth, consistent performance in less dynamic setups

TRAVELLER CAR SYSTEMS

A traveller car system is an essential component used on dinghies and keelboats to manage the position of the mainsheet, jib sheet and various other systems that require adjustment. It allows sailors to fine-tune sail trim, improving handling, efficiency, and most importantly – speed!

New

Size 14

Cars, Track and Accessories

Page 48 & 49

Size 19

Cars, Track and Accessories

Page 50 & 51

Size 14

Size 14

Accessories

These accessories can be fitted to the A9114 Base Car, allowing you to create a customised system.



End Stops

End stops with blocks and beckets to create various purchase system controls for the car.



Ball Bearing Cars

Designed specifically for lower-loaded applications on dinghies and catamarans. Recirculating Torlon ball bearings give smooth adjustments under load.



Track

Available in lengths up to 3000mm and hard anodised black.

Custom Track Bending

Size 14 tracks can be tailored to your exact specifications. Whether you require horizontal, vertical, or compound bends, our team can deliver precise results for an additional charge. Please contact us for more information.



Size 14 Traveller System

Allen Size 14 traveller systems have been designed for use on dinghies and catamarans.

										Cars
Part Number	Description	Accessories	BL kg	MWL kg	Height mm	Width mm	Length mm	Weight g		
A9114	Base Car	-	800	120	34	40	50	70		
A9114-1	P-Clip Car	A4038-4	800	120	34	40	50	73.3		
A9114-2	Cheek Block Car	A2026	800	120	34	40	105	99		
A9114-3	Flip Flop Block Car For STJS	A2031	800	120	55	40	50	78.6		
A9114-Tii	Tii-On Car	-	800	120	19.4	40	50	59		
A9114-Tii-90	Tii-On 90 Degree Car	-	800	120	19.4	40	50	55		

										End Stops
Part Number	Description	Accessories	BL kg	MWL kg	Fixing Hole Centres mm	Fixing Hole Diameter mm	Height mm	Width mm	Length mm	Weight g
A9214-PS	Plastic End Stop	-	-	-	-	M4	14	22	27	3
A9214	End Stop With Becket	-	-	-	-	M4	14	25	27	17
A9214-1	End Stop With Block And Becket	A2026M	800	120	50.5	M4	27.5	25	57.5	53
A9214-2	End Stop With Double Block And Becket	A2126M	800	225	50.5	M4	40	25	57.5	64

										Track and Accessories
Part Number	Description	Max Line Diameter mm	BL kg	MWL kg	Fixing Hole Centres mm	Fixing Hole Diameter mm	Height mm	Width mm	Length mm	Weight g
A9014	Size 14 Track	-	-	-	100	M4	10	19	3000 max	-
A4038-4	Pressed Stainless Steel P-Clip	-	-	-	-	M4	9.65	8	17.4	1.65
A2026	20mm Dynamic Single Cheek Block	6	350	115	-	M4	12.3	20	45	15.3
A2026-PROFIX	Block and Becket Adaptor	6	-	-	-	M4	10.8	14.5	18.9	3.5

Size 19



Track
Available in lengths up to 3000mm and hard anodised black.
Also available with pre-drilled holes for pin stop cars.

Custom Track Bending
Size 19 tracks can be tailored to your exact specifications. Whether you require horizontal, vertical, or compound bends, our team can deliver precise results for an additional charge. Please contact us for more information.

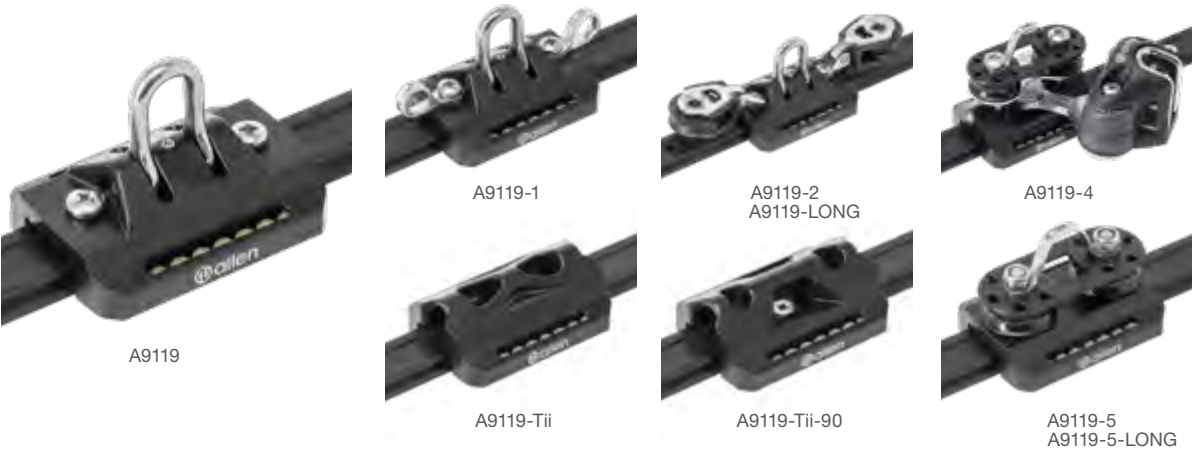
Size 19 Traveller Systems

Allen Size 19 traveller systems are built to handle high load dinghy and catamaran setups. Also perfect for lower-load keelboat jib and mainsheet applications on boats up to 28 feet.



Ball Bearing Cars

Featuring recirculating Torlon ball bearings for smooth adjustments underload. To increase the working load, use the “long” versions or link two cars together.



Accessories

These accessories can be fitted to the A9119 Base Car, allowing you to create a customised system.

Size 19

Plain Bearing Pin Stop Cars

Includes a spring-loaded plunger pin for secure locking. Use with pin stop track A9019-PIN. Perfect for adjustable genoa or spinnaker sheet systems. No need for bulky genoa cars—simply attach the right block for your line for a streamlined, high-performance sheeting setup.



End Stops

End stops with blocks and beckets to create various purchase system controls for the car.



Cars

Part Number	Description	Accessories	BL kg	MWL kg	Height mm	Width mm	Length mm	Weight g
A9119	Size 19 Base Car	-	1400	230	50	50.5	70	77
A9119-1	Size 19 P-Clip Car	A4035	1400	230	50	50.5	97	85
A9119-2	Size 19 Cheek Block Car	A2036	1400	230	50	50.5	153	147
A9119-4	Size 19 Cat Car	A.76-496	1400	230	70	106	70	376
A9119-5	Size 19 Sheave Car	-	1400	230	50	50.5	70	125
A9119-5-LONG	Size 19 Sheave Car Long	A6052-6	1600	260	50	50.5	100	150
A9119-LONG	Size 19 Long Car	A2036	1600	260	50	50.5	153.4	232
A9119-Tii	Size 19 Tii-On Car	-	1400	230	26	50.5	69.3	56
A9119-Tii-90	Size 19 Tii-On 90 Degree Car	-	1400	230	26.6	50.5	69.3	52
A9219-PIN	Size 19 Pin Stop	-	-	-	25.7	30	30	36
A9219-PIN-1	Size 19 Pin Stop Car With Lacing Eye	A5015	1000	500	34.5	36	68	75
A9219-PIN-2	Size 19 Pin Stop Car With Removable Bar	-	1000	500	25.6	36	68	36



End Stops

Part Number	Description	Accessories	BL kg	MWL kg	Fixing Hole Centres mm	Fixing Hole Diameter mm	Height mm	Width mm	Length mm	Weight g
A9219-PS	Size 19 Plastic End Stop	-	-	-	-	M5	15	15	27.5	3
A9219	Size 19 End Stop With Becket	-	-	-	-	M5	19	32.5	33	35
A9219-1	Size 19 End Stop With Block And Becket	A2036M	400	140	50.5	M5	31	32.5	80	65
A9219-2	Size 19 End Stop With Double Block And Becket	A2136M	400	280	50.5	M5	51	32.5	80	100

Track and Accessories

Part Number	Description	Max Line Diameter mm	BL kg	MWL kg	Fixing Hole Centres mm	Fixing Hole Diameter mm	Height mm	Width mm	Length mm	Weight g
A9019	Size 19 Track	-	-	-	100	M5	10	19	3000 max	-
A9019-PIN	Size 19 Pin Stop Track	-	-	-	100	M5	10	19	3000 max	-
A4035	Press Stainless Steel P Clip	8	-	-	-	M5	14	10.9	30.1	5
A2036	30mm Dynamic Single Cheek Block	8	500	140	-	M5	16	30	58.8	35
A2036-PROFIX	Block and Becket Adaptor	8	-	-	-	M5	12.6	15.4	21.6	3.8

Size T22

Size T22 and T33 Track and Cars

Most products in this range are designed as sliding fairleads or sheet leads, ideal for jib and spinnaker sheeting systems. The spring-loaded piston stop allows easy adjustment to achieve the perfect sheeting angle, while a variety of cam cleat and fairlead accessories ensure optimal performance. Each sliding fairlead or sheet lead set is supplied as a pair, complete with track, end stops, and fixings.



Size T22

Our smallest T-section track, and piston stop cars. Suitable for most dinghy jib or spinnaker systems.



Size T33

Size T33

Our largest T-section track, and piston stop cars. Suitable for all highly loaded dinghy applications and low load keelboat systems.



Track

Both T22 and T33 size tracks are available in anodised black or silver and with pre-drilled fixing holes. Also available un-anodised and un-drilled. The maximum length available is 3660mm. Please contact the sales team if you require custom lengths or hole spacing.

Size T22

SKU	Title	Height mm	Length mm	Width mm	Cam Cleat	Distance Between Adjustments mm	Fixing Hole Centres mm	Fixing Hole Diameter mm	Maximum Line Diameter mm	Number of Fixing Holes	Weight G
A.226-1	T22 Alloy Track Un-Anodised	7.3	3660	22	-	Undrilled	Undrilled	Undrilled	-	-	-
A.226-1000	T22 Alloy Track Anodised Silver	7.3	1000	22	-	19	76	4	-	-	-
A.226-2	T22 Alloy Track Anodised Silver	7.3	3660	22	-	19	Undrilled	Undrilled	-	-	-
A.226-222Black	T22 Alloy Track Anodised Black	7.3	222	22	-	19	57	4	-	-	-
A.226-230	T22 Alloy Track Anodised Silver	7.3	230	22	-	19	76	4	-	-	-
A.226-330	T22 Alloy Track Anodised Silver	7.3	330	22	-	19	57	4	-	-	-
A.226-5	T22 Alloy Track Anodised Silver	7.3	565	22	-	19	76	4	-	-	-
A4573	Sliding Wire Fairlead With Piston Stop	30.95	330	22	-	19	56	4	-	6	86
A4574	Piston Stop Wire Fairlead With A2030	-	330	22	-	19	56	4	8	5	86
A4587	Piston Stop Bullseye Fairlead With Swivel Cleat	-	300	22	A..76	19	76	4	10	4	60
A4590	Adjustable Jib Slider And Track	-	222	22	-	19	56	4	-	4	56
A4089	Mainsheet Slider	34	51	29	-	-	-	-	-	-	35
A4575	Sliding Fairlead With Piston Stop	30	51	30	-	-	-	-	-	-	60
A4591	Sliding Fairlead with Piston Stop	30	66	26	-	-	-	-	-	-	62
A.136	T22 Track End Stop	9.5	25	22	-	-	-	-	-	1	-

Size T33

SKU	Title	Height mm	Length mm	Width mm	Cam Cleat	Distance Between Adjustments mm	Fixing Hole Centres mm	Fixing Hole Diameter mm	Maximum Line Diameter mm	Number of Fixing Holes	Weight G
A.326-1	T33 Alloy Track Un-Anodised	9.1	3660	33	-	-	Undrilled	Undrilled	-	-	-
A.326-2	T33 Alloy Track Anodised Silver	9.1	3660	33	-	19	Undrilled	Undrilled	-	-	-
A.726-4	T33 Alloy Track Anodised Silver	9.1	1043	33	-	19	75	5	-	-	-
A4274	Piston Stop Nylon Fairlead Cam Cleat	-	377	33	A.676	19	76	5	10	5	41
A4274-76	Piston Stop Nylon Fairlead Cam Cleat	-	377	33	A..76	19	76	5	10	5	41
A4274TZ	Jib Sliding Fairlead	-	451	33	A.676	19	76	5	10	6	41
A4474	Piston Stop Wire Fairlead Vertical Cam Cleat	-	300	33	A.676	19	76	5	10	4	54
A4474-76	Piston Stop Wire Fairlead Vertical Cam Cleat	-	300	33	A..76	19	76	5	10	4	717
A4354	Slider With Piston Stop And Lacing Eye	28	76	39	-	-	-	-	-	-	81
A.736	T33 Track End Stop	12	21.9	12	-	-	-	-	-	1	-

Jib Cars

Track & Keelband

Self Tacking Jib System

The Allen self-tacking system is the strongest dinghy system available on the market. Carefully designed, the CNC turned adjustable aluminium legs allow the geometry to work on the curved beam track at any angle, whilst the A4489F traveller car has a forked attachment point. Hard anodised black.



A4491
A4491-1.2



A4490

Adjustable Jib Track

Specially designed for boats such as the 420, 470 and Flying Fifteen where the jib sheeting angle is critical for maximum performance and needs changing regularly. The one-of-a-kind bracket holds the 30mm dynamic block at a 90-degree angle to the car, but still allows quick adjustment. Simply push the block down towards the bracket and the shackle on the underside will hang loose. Move the block in or out, into one of the four location points, then release. The spring will hold the block and shackle up tight and keep it located in the desired location.

SKU	Title	Length Mm	Long Leg Length Mm	Short Leg Length Mm	Fixing Hole Diameter mm	Fixing Hole Centres mm	Number Of Fixing Holes	Track	Weight G
A4491	Self Tacking Jib System Complete	1100	155 - 165	78 - 88	5	38	8	A.826B	128
A4491-1.2M	Self Tacking Jib System Complete	1200	155 - 165	78 - 88	5	38	8	A.826B	138
A4490	Adjustable Jib Track With A2030	450	-	-	5	100	4	A.826	69

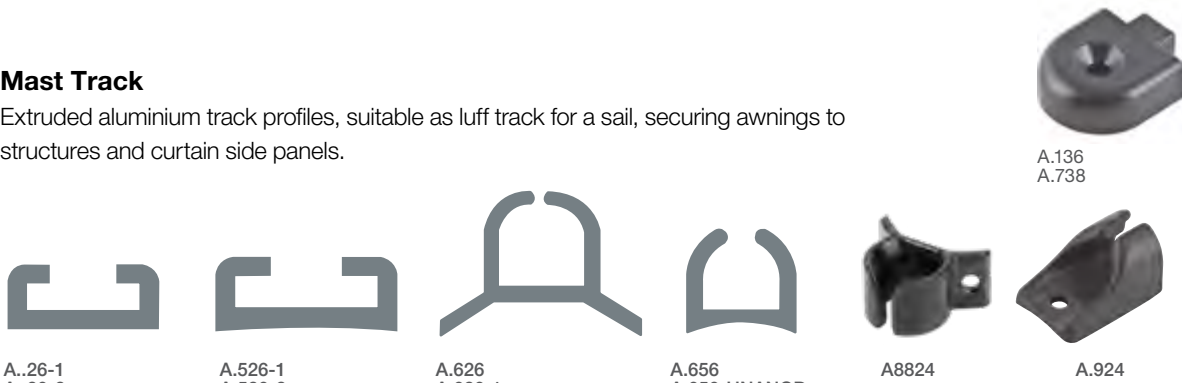
Crafted from high-quality extruded aluminium, our tracks serve multiple purposes, from luff tracks for sails to jib and mainsheet traveller systems as well as securing awnings and curtain side panels. Choose from anodised black or silver tracks with pre-drilled holes, or opt for the versatility of un-anodised options. Complete your setup with our complementary moulded Track End Stops.

Track Bending

We will bend track to your specifications. This includes vertical bends, horizontal bends and compound bends. Contact sales@allenbrothers.co.uk for more information.

Mast Track

Extruded aluminium track profiles, suitable as luff track for a sail, securing awnings to structures and curtain side panels.



Part Number	Description	Length mm	Fixing Hole Centres mm	Fixing Hole Diameter mm	Internal Width mm	End Stop Required	To Suit Slug
A..26-1	Alloy Track Un-Anodised	3660	Undrilled	Undrilled	17	A.136	A..89 and A..95
A..26-2	Alloy Track	3660	76	5	17	A.136	A..89 and A..95
A..26-260	Alloy Track	260	Undrilled	Undrilled	17	A.136	A..89 and A..95
A..26-3	Alloy Track	300	76	5	17	A.136	A..89 and A..95
A..26-4	Alloy Track	1055	76	5	17	A.136	A..89 and A..95
A.526-1	Alloy Track Un-Anodised	2600	Undrilled	Undrilled	19	A.738	A..90 and A..92
A.526-2	Alloy Track	2600	76	5	19	A.738	A..90 and A..92
A.526TA	Alloy Track	2600	Undrilled	Undrilled	19	A.738	A..90 and A..92
A.626	Luff Groove Track	5400	Undrilled	Undrilled	5	A.824	A.158
A.626-1	Luff Groove Track Un-Anodised	5400	Undrilled	Undrilled	5	A.824	A.158
A.656	Luff Groove Track	6000	Undrilled	Undrilled	5	A.924	A.158 and A.958
A.656-UNANOD	Luff Groove Track Un-Anodised	6000	Undrilled	Undrilled	5	A.924	A.158 and A.958
A8824	Sail Feeder	15	20	4	12	-	A.626
A.924	Sail Feeder	30	-	4	9.5	-	A.656
A.136	End Stop For A..26 Track	25	-	4.2	8	-	-
A.738	End Stop For A.526 Track	30	-	4.2	9.8	-	-

Keelbands

Extruded aluminium, designed to fit to the hull of a dinghy to protect the underside of the hull from damage. Keelband is available drilled and undrilled to fit a flat or curved mounting surface. Anodised silver.

Part Number	Description	Length mm	Fixing Hole Centres mm	Fixing Hole Diameter mm
A.302	Light Weight Alloy Keelband	3050	Undrilled	Undrilled
A.303	Light Weight Alloy Keelband	3050	102	4
A.402	Convex Alloy Keelband	3300	Undrilled	Undrilled
A.403	Convex Alloy Keelband	3300	102	4

DECK AND HULL FITTINGS

Our range of deck and hull fittings includes everything from deck bushes and lacing eyes to hatch covers, self bailers and more. Designed for performance sailboats and made in our UK factory, each fitting offers reliable, high-quality performance in demanding conditions.

New

A892525

Big Boat Pad-Tii

Page 59

A893830

Big Boat Pad-Tii

Page 59



Aluminium Flanged Deck Bushes

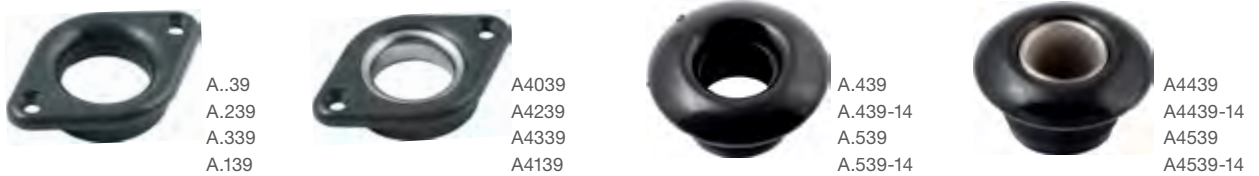
A through deck bush, also known as a fairlead, is designed to protect a surface from a rubbing rope or wire, they can also be used as a deflecting point. In most applications, a through deck bush is used to guide a rope through a surface, such as the thwart or strut of a boat. It also offers protection to the material the rope or wire is passing through. Aluminium through deck bushes are available in a choice of 6 colours, allowing you to add a personalised touch.



Part Number	Description	Fixing Hole Centres mm	Fixing Hole Depth mm	Fixing Hole Diameter mm	Inside Diameter mm	Outside Diameter mm	Weight g
A8039	Flanged Deck Bush	29	9	4	8	13	9
A8239	Flanged Deck Bush	32	9	4	13	21	10
A8339	Flanged Deck Bush	36	9	4	15	24	12
A8139	Flanged Deck Bush	44	9	4	23	33	16
A..40	Stainless Steel Fairlead	-	18	-	11 x 35	14 x 37	12
A..40-12	Stainless Steel Fairlead	-	9	-	11 x 35	14 x 37	7
A8040-34	Aluminium Rope Guide	-	6	-	8 x 34	11 x 38	10
A8040-56	Aluminium Rope Guide	-	7	-	16 x 56	20 x 60	13

Plastic Deck Bushes

Plastic Deck Bushes come in a variety of different sizes and styles to suit your rope leading needs. Moulded in nylon and available with a stainless-steel insert for added wear protection.



Part Number	Description	Inside Diameter mm	Outside Diameter mm	Fixing Hole Size mm	Column Depth mm	Fixing Hole Centres mm	Weight g
A..39	Through Deck Bush With Flange	9	19	3	9	28	3
A.239	Through Deck Bush With Flange	12	22	3	9	31	4
A.339	Through Deck Bush With Flange	15.5	24.5	4.5	9	35.4	5
A.139	Through Deck Bush With Flange	20	33	3	9	44	7
A4039	Through Deck Bush With Flange And SS Inner	6.6	19	3.9	9.4	29.3	5
A4239	Through Deck Bush With Flange And SS Inner	11.4	21.5	4.5	9	32.5	9
A4339	Through Deck Bush With Flange And SS Inner	13.8	24.5	4.5	9	35.4	12
A4139	Through Deck Bush With Flange And SS Inner	20	33	3	9	45	12
A.439	Through Deck Bush	8	13	-	8	-	0.5
A.439-14	Through Deck Bush	8.1	12.85	-	14.17	-	2
A.539	Through Deck Bush	13	16	-	8	-	2
A.539-14	Through Deck Bush	13	16	-	14	-	2
A4439	Through Deck Bush With Stainless Steel Inner	6.5	13	-	8	-	3
A4439-14	Through Deck Bush With Stainless Steel Inner	7.1	12.85	-	14.17	-	3.5
A4539	Through Deck Bush With Stainless Steel Inner	11.4	16	-	8	-	4
A4539-14	Through Deck Bush With Stainless Steel Inner	11.4	16	-	14	-	5.7

Deck Bushes

Aluminium, Titanium & Stainless-Steel Deck Bushes

Allen through deck bushes are precision engineered in three different materials to suit varying applications. They are also available in threaded and push in options. The threaded through deck bush allows for a perfect fit on both sides of the fitting surface and can be tightened with circlip pliers. Push in versions should be bonded in place.

Aluminium versions are available in a variety of 6 anodised colours:

Black, Blue, Silver, Gold, Orange, and Purple.

When ordering please state your material and colour choice.

Pad-Tii

Pad-Tii Range

Pad-Tiis are low-profile, soft-attachment deck fittings – ideal for creating strong, lightweight fixing points on performance boats.

Easy to install and perfect for rope terminations or tie-downs.

Available in three styles and in blue or black.

Scan the QR code to find out more.



SCAN FOR MORE INFO
ON SMALL PAD-Tii



SCAN FOR MORE INFO
ON BIG BOAT PAD-Tii

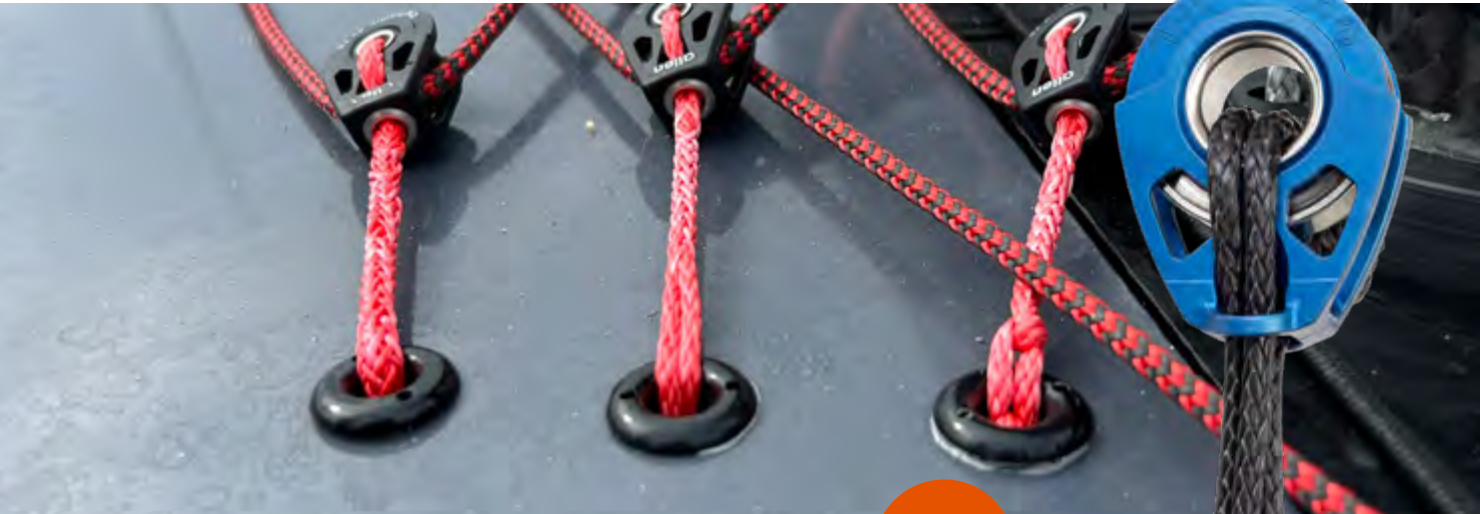


A.439A
A.539A



A8439-
A8539-

Part Number	Description	Inside Diameter mm	Outside Diameter mm	Structure Depth mm	Weight g
A.439A	Through Deck Bush	8	13	8	3
A.539A	Through Deck Bush	12	16	8	4
A8439-7	Threaded Through Deck Bush	8	13	7 Min - 9 Max	3.7
A8539-7	Threaded Through Deck Bush	12	16	7 Min - 9 Max	6
A8439-9	Threaded Through Deck Bush	8	13	9 Min - 14 Max	5
A8539-9	Threaded Through Deck Bush	12	16	9 Min - 14 Max	6
A8439-13	Threaded Through Deck Bush	8	13	13 Min - 18 Max	5
A8539-13	Threaded Through Deck Bush	12	16	13 Min - 18 Max	7
A8439-17	Threaded Through Deck Bush	8	13	17 Min - 22 Max	6
A8539-17	Threaded Through Deck Bush	12	16	17 Min - 22 Max	8
A8439-21	Threaded Through Deck Bush	8	13	21 Min - 26 Max	7
A8539-21	Threaded Through Deck Bush	12	16	21 Min - 26 Max	8.5
A8439-25	Threaded Through Deck Bush	8	13	25 Min - 30 Max	7.5
A8539-25	Threaded Through Deck Bush	12	16	25 Min - 30 Max	9.5
A8439-29	Threaded Through Deck Bush	8	13	29 Min - 34 Max	8.5
A8539-29	Threaded Through Deck Bush	12	16	29 Min - 34 Max	10.5
A8439-35	Threaded Through Deck Bush	8	13	35 Min - 40 Max	9
A8539-35	Threaded Through Deck Bush	12	16	35 Min - 40 Max	11



A8639-
A8739-



A881310
A881610
A882525



A892525
A893830

Part Number	Description	Fixing Hole Centres mm	Fixing Hole Depth Maximum mm	Fixing Hole Depth Minimum mm	Fixing Hole Diameter mm	Outside Diameter mm	Breaking Load kg	Maximum Working Load kg	Weight g
A8639-6	Pad-Tii	13	8	6	12.8	19	350	250	21
A8639-8	Pad-Tii	13	10	8	12.8	19	350	250	21
A8639-10	Pad-Tii	13	12	10	13	19	350	250	21
A8739-6	Pad-Tii	17	8	6	16	24	400	300	7
A8739-8	Pad-Tii	17	10	8	16	24	400	300	7
A8739-10	Pad-Tii	17	12	10	16	24	400	300	7
A8739-18	Pad-Tii	17	20	18	16	24	400	300	10
A881310	Pad-Tii Fixed Bar	13	10	4.5	12.8	19	350	250	8
A881610	Pad-Tii Fixed Bar	17	10	4.5	16	24	575	350	10
A882525	Pad-Tii Fixed Bar	25	25	5	25	38	1400	700	33
A892525	Pad-Tii Big Boat	22 & 29	25	5	26	42	1400	700	-
A893830	Pad-Tii Big Boat	33 & 42	29.5	9	38	51	2000	1000	-

Self Bailer

Our original self-bailer, A4155, is the lightest self-bailer on the market and drains exceptionally well even at low speeds. Our high performance self-bailer, A4555, gains advantage from it's delta design that increases drainage flow while reducing drag and turbulence.



Part Number	Description	Weight g
A.155	Self Bailer With No Gaurd	77
A4155	Self Bailer With Stainless Steel Guard	81
A4155KIT	Spares For Bailer A4155	-
A4255	Self Bailer Gaurd	35.7
A4555	Advanced 'Delta' Self Bailer	182
A4555KIT	Spares For Bailer A4555	-

Drain Sockets & Bungs

We manufacture a variety of bungs and sockets that are ideal for draining water from the inside of dinghy hulls and other buoyancy compartments. Available in both captive and non captive forms.



Part Number	Description	Fixing Hole Size mm	Fixing Hole Centres mm	Outside Diameter mm	Inside Diameter mm	Weight g	Material
52802	Plastic Bung No Socket	-	-	-	-	4-	Nylon
A.123	Drain Socket	3	28	19	17	3	Nylon
A.223	Drain Socket With Captive Bung	3	30 x 30 x 30	26	-	7	Nylon
A.323	Drain Socket With Captive Screw Bung	3.6	37.5	23.3	-	11	Nylon
A.423	Drain Socket With Removable Screw Bung	4	36	22	17	22	Nylon
A.424	Screw Bung	-	-	16	-	7.1	Nylon
A1231	Bung	-	-	23 Min	-	15	TPU Polyurethane
A1232	Rubber Bung To Fit A.123	-	-	15 Min	-	8	Rubber

Hatch Covers

Our Hatch Covers are made from a lightweight polypropylene and are available in a black, white, grey and easy to open designs.

A.137 and A.237 are a non 'O' ring design and have exposed fixings. A.337, A.537 and A.637 all require a rubber 'O' Ring to keep them water tight. A1737, A1837 and A1937 feature a fully threaded cover with watertight seal.

When ordering please specify which colour.



Part Number	Description	Fixing Hole Size mm	Cut Out Size mm	Opening Size	'O' Ring Required	Weight g	Colour Choice
A.337	O Ring Seal Hatch Cover	3	110	100	A.338	62	Grey/Black/White
A.337-BAG	O Ring Seal Hatch Cover With Hatch Bag	3	110	100	A.338	62	Grey/Black/White
A.537	O Ring Seal Hatch Cover	3	157	145	A.538	111	Grey/Black/White
A.537-BAG	O Ring Seal Hatch Cover With Hatch Bag	3	157	145	A.538	111	Grey/Black/White
A.637	O Ring Seal Hatch Cover	3	241	223	A.638	266	Grey/Black/White
A1737	Integral Seal Rigid Hatch Cover	4	108	100	-	84	Grey/Black/White
A1837	Integral Seal Rigid Hatch Cover	4	138	130	-	117	Grey/Black/White
A1937	Integral Seal Rigid Hatch Cover	4	154	148	-	142	Grey/Black/White
A.338	Rubber Sealing O Ring For A.337/A.337W	-	-	-	-	-	-
A.538	Rubber Sealing O Ring For A.537/A.537W	-	-	-	-	-	-
A.638	Rubber Sealing O Ring For A.637/A.637W	-	-	-	-	-	-
SA.737	Rubber Sealing O Ring For A1737	-	-	-	-	-	-
SA.837	Rubber Sealing O Ring For A1837&A1937	-	-	-	-	-	-
A-BAG-KIT	Hatch Cover Bag With Fixing Screw	-	-	-	-	-	-

Deck & Hull Fittings

Bow & Shroud Plates

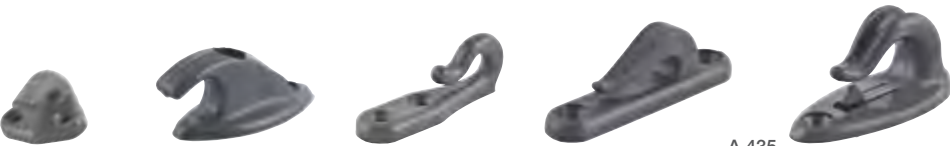
Formed stainless steel Bow Plates feature jib and forestay attachment points. Shroud plates have formed holes to suit countersunk screws.



Part Number	Description	Length mm	Width mm	Thickness mm	Fixing Hole Centres mm	Slot / Tenon mm	Weight g
A4001E	Bow Plate	125.3	17	1.7	35.8	-	79
A4001S	Bow Plate	158.9	20.3	1.7	35.8	-	93
A4001-EPS	EPS Bow Tang	50	63	2	24	-	31
A4001W	Bow Plate Wayfarer	35	20	1.7	36	-	54
A4025	Shroud Plate Pair	194	16	2	57	-	37
A4025S	Reinforced Shroud Plate Cover Pair	194	16	2	57	-	50
A2290	Shroud Plate	153.50	19	4	-	-	66
A4171	Shroud Plate Cover With Small Slot	63.6	15.9	1.6	47.6	16.6 x 2	12
A4171S	Shroud Plate Cover With Large Slot	63.6	15.9	1.6	47.6	16.6 x 3.5	12
A4225	Bow Plate	93.7	90.9	1.6	-	-	103
A5850	Laser Deck Plate	50.8	25.6	2	24.8	-	26

Snatch Fairleads & Lacing Hooks

Our Snatch Fairleads and Lacing Hooks are moulded from acetal, perfect for leading or attaching lines and shock cord.



Part Number	Description	Rope Diameter mm	Height mm	Length mm	Fixing Hole Centres mm	Distance Between Fixings mm	Weight g
A..61	Acetal Lacing Hook	5	16	25	3	16	2
A.135	Nylon Lacing Hook	8	20	49	4	19	4
A.148	Nylon Lacing Hook	5	16	49	3	14	2
A.248	Nylon Lacing Hook	4	18	57	4	43	4
A.435	Acetal Snatch Lead	10	23.8	54.5	4	40	8
A.535	Acetal Snatch Lead	12	33	72	5	53	21

U Bolt

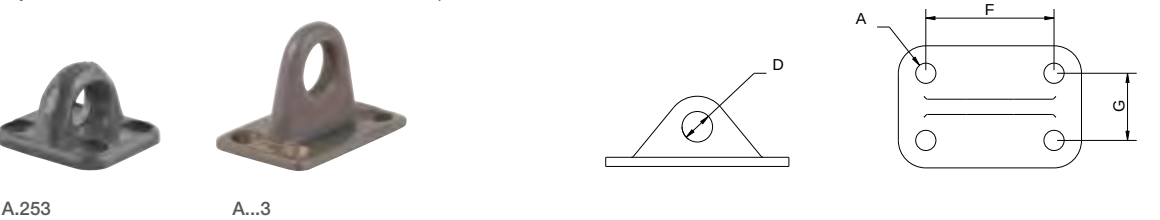
Made from 316 stainless steel, Allen U Bolt's are designed to withstand high loads without distortion. Supplied with top plate, backing plate and nuts.



Part Number	Description	Rod Size mm	Fixing Hole Centres mm	Height mm	Thread Length mm	Weight g	Inside Diameter mm
A4371	U Bolt With Top & Bottom Backing Plate	5	28	43	20	24	23
A4371L	U Bolt With Top & Bottom Backing Plate	5	28	51	20	29	23
A4471	U Bolt With Top & Bottom Backing Plate	6	38	58	25	54	32
A4571	U Bolt With Top & Bottom Backing Plate	8	51	75	25	115	43
A4671	U Bolt With Top Backing Plate	6	38	77.5	39	53	32
A4671XT	U Bolt With Nut & Washer	6	38	120	96	91	32
A4671XT-FT	U Bolt With Tang, Nut & Washer	6	38	120	96	91	32
A4871	U Bolt With Heavy Duty Top & Bottom Backing Plate	6	28	43	20	60	22
A4871X	U Bolt With Heavy Duty Top & Bottom Backing Plate	6	28	50	25	62	22
A4512	U Bolt With Lower & Bottom Backing Plate	6	28	80	25	100	22

Anchor Plates

Nylon, aluminium or stainless steel anchor plates.



Part Number	Description	Inside Diameter mm	Fixing Hole Size mm	Fixing Hole Centres mm	Weight g
A.253	Nylon Anchor Plate	6	3	18 x 13	4
A...3	Aluminium Anchor Plate	12	5	34 x 16	19
A4673	Stainless Steel Looped Anchor Plate	13	6.5	18 x 17	23
A4003	Stainless Steel Flat Anchor Plate	11	5	27 x 16	24
A4003M	Stainless Steel Radiused Anchor Plate	5.2	4.8	27 x 14.18	24
A4003MS	Stainless Steel Radiused Anchor Plate, Wide Hole	13 x 6	5	29 x 16	24
A4003F	Stainless Steel Flat Anchor Plate With Ferrule	9	5	27 x 16	27.2
A4003H	Stainless Steel Split Halves Anchor Plate	5.2	4.8	27 x 16.5	4

Lacing Eyes & Eye Straps A comprehensive range of pressed and forged stainless steel lacing eyes and eye straps.



Part Number	Description	Height mm	Fixing Hole Size mm	Fixing Hole Centres mm	Weight g
A4388	Pressed Stainless Steel V Style Lacing Eye - Small	8	5	27	1.5
A4488	Pressed Stainless Steel V Style Lacing Eye - Medium	14	6	39	4



Iago L.Marra – A-Class © Emilio Lavandeira



Part Number	Description	Height mm	Fixing Hole Size mm	Fixing Hole Centres mm	Weight g
A4288	Pressed Stainless Steel Lacing Eye - Small	8	3.5	22	1
A4073	Pressed Stainless Steel Lacing Eye - Medium	12	5	34	4
A4088	Pressed Stainless Steel Lacing Eye - Large	18.6	5.2	41	5
A4088-6.5	Pressed Stainless Steel Lacing Eye	18.6	6.5	41	5
A4588	Pressed Stainless Steel Lacing Eye - XLarge	26	6.7	53.1	12



Part Number	Description	Height mm	Fixing Hole Size mm	Fixing Hole Centres mm	Weight g
A6050	Pressed Stainless Steel Lacing Eye - Small	12.9	4.2	28.2	5.2
A6051	Pressed Stainless Steel Lacing Eye - Medium	15.3	5.2	36.25	5.2
A6052	Pressed Stainless Steel Lacing Eye - Large	21.4	5.3	44.5	11



Part Number	Description	Height mm	Fixing Hole Size mm	Fixing Hole Centres mm	Weight g
A.262	4 Way Nylon Lacing Eye	6	6	-	5



Part Number	Description	Height mm	Fixing Hole Size mm	Fixing Hole Centres mm	Weight g
A4377	Wide Pressed Stainless Steel Lacing Eye - Small	12	5.2	28.8	7
A4376	Wide Pressed Stainless Steel Lacing Eye - Medium	13.6	5.2	40.2	7
A4276	Wide Pressed Stainless Steel Lacing Eye - Large	22.6	5.2	44.9	7
A5017	Wide Pressed Stainless Steel Lacing Eye	20	5	35	6



Part Number	Description	Height mm	Fixing Hole Size mm	Fixing Hole Centres mm	Weight g
A4035	Pressed Clip Stainless Steel Lacing Eye	14	5.1	-	5
A4035-6	Pressed Clip Stainless Steel Lacing Eye	14	6.3	-	6
A4036	Pressed Offset Lacing Eye	10.7	5.2	16	4
A4038	Pressed Clip Stainless Steel Lacing Eye	9.7	3.5	-	1.7
A4038-4	Pressed Clip Stainless Steel Lacing Eye	9	4	-	2



Part Number	Description	Height mm	Fixing Hole Size mm	Fixing Hole Centres mm	Weight g
A5014	Forged Stainless Steel Eye Strap - Small	14	4.2	27	3.2
A5015	Forged Stainless Steel Eye Strap - Medium	18	5.2	34	6.4



Part Number	Description	Height mm	Fixing Hole Size mm	Fixing Hole Centres mm	Weight g
A5014F	Forged Stainless Steel Eye Strap With Ferrule - Small	14	4.2	27	3.6
A5015F	Forged Stainless Steel Eye Strap With Ferrule - Medium	18.8	5.2	34	8.2

Fairleads

Our fairleads come in a variety of styles (both stainless steel lined and unlined) to suit your rope leading needs. Suitable for dinghies and keelboats. Some are available in a variety of colours, please speak to our sales team to find out which colours are available for each product.



Part Number	Description	Inside Diameter mm	Fixing Hole Size mm	Fixing Hole Centres mm	Weight g
A..52	Bullseye Fairlead	7	4	15	3
A.452	Bullseye Fairlead	11.1	3.8	18.3	4
A.152	Bullseye Fairlead	14	5	25	8
A.252	Bullseye Fairlead	19	5	34	28



Part Number	Description	Inside Diameter mm	Fixing Hole Size mm	Fixing Hole Centres mm	Weight g
A4052	Bullseye Fairlead With Stainless Steel Inner	6.4	4	14.6	4
A4452	Bullseye Fairlead With Stainless Steel Inner	9.7	3.8	18.3	6
A4152	Bullseye Fairlead With Stainless Steel Inner	13.8	5	24.5	12
A4252	Bullseye Fairlead With Stainless Steel Inner	20.8	5.2	34.5	32



Part Number	Description	Inside Diameter mm	Fixing Hole Size mm	Fixing Hole Centres mm	Weight g
A.182	Open Base Fairlead	7	4	23	6
A.282	Open Base Fairlead Grey	10	5	23.5	6
A.282RB-CAN	Open Base Fairlead Royal Blue	10	5	23.5	6
A.282A	Open Base Fairlead Aluminium	10	5	23.5	6
A.382	Open Base Fairlead	13.5	4.5	27	9



Part Number	Description	Inside Diameter mm	Fixing Hole Size mm	Fixing Hole Centres mm	Weight g
A4182	Open Base Fairlead With Stainless Steel Inner	6.6	4	24.5	5
A4282	Open Base Fairlead With Stainless Steel Inner	8.6	5	24	8
A4282RB-CAN	Open Base Fairlead With SS Inner Royal Blue	8.6	5	24	8
A4382	Open Base Fairlead With Stainless Steel Inner	12.1	4.5	27	11



Part Number	Description	Inside Diameter mm	Fixing Hole Size mm	Fixing Hole Centres mm	Weight g
A.153	Low Profile Fairlead	7	3.3	20.7	3
A4153	Low Profile Fairlead With Stainless Steel Inner	6.3	3.3	20.7	4
A.134	Acetal Fairlead (Laser® Bow)	30	5	50	29
A.134RB-CAN	Acetal Fairlead (Laser® Bow)	30	5	50	29

Keelboat Fairleads

Allen Keelboat Fairleads have been designed for use on boats up to 40ft/12m where a shallow angle deflection is required for any control line or sheet. Available in a wide range of shapes and sizes to suit a variety of applications. Manufactured from 6082 aluminium. Hard anodised in black with a pad printed Allen logo.



Part Number	Description	Inside Diameter mm	Fixing Hole Size mm	Fixing Hole Centres mm	Weight g
A5052-4	Keelboat Fairlead	24 X 12	4	25.6	14
A5052-6	Keelboat Fairlead	36 X 18	6	38.4	39
A5052-8	Keelboat Fairlead	48 X 24	8	51.2	104
A5052-10	Keelboat Fairlead	60 X 30	10	64	189
A5052-12	Keelboat Fairlead	72 X 36	12	76.8	307
A5053-4	Keelboat Jib Sheet Fairlead	Oblong Hole - 12 X 24 - Round Hole - 12	4	27.2	23
A5053-6	Keelboat Jib Sheet Fairlead	Oblong Hole - 36 X 18 - Round Hole - 18	6	40.8	64
A5053-8	Keelboat Jib Sheet Fairlead	Oblong Hole - 48 X 24 - Round Hole - 24	8	54.4	170
A5054-6	Keelboat Sheet Deflector	10	6	22.5	14
A5054-8	Keelboat Sheet Deflector	13.3	8	30	31
A5054-10	Keelboat Sheet Deflector	16.7	10	37.5	55
A5054-12	Keelboat Sheet Deflector	20	12	45	82
A5054-16	Keelboat Sheet Deflector	26.7	16	60	206

Self Tapping Nuts

Self tapping nylon nuts commonly used with wood screws are an alternative option to bolt and nuts.



Part Number	Description	Length mm	Height mm	Bore g
A.129	Small Self Tapping Wing Nut	29	7	3
A.229	Medium Self Tapping Wing Nut	36	12	3.8
A.329	Self Tapping Square Nut	17	12.5	3.9

SPARS AND RIGGING ACCESSORIES

At Allen we have been manufacturing a wide range of spars for many years. In 2020 we invested more heavily in the spar manufacturing side of our business with new tools and additional space. We now produce Dragon, Etchell, Sonar, Topper, OK, and Finn spars. If you have a new or existing project which needs performance racing spars, please contact us.

New

A4420-4215
20mm Sheave Box
Page 70

A1714
Size 1 Vang King
Page 72

A.792
Aerofoil Spreader
Page 81

A4908
90mm SwiftFurl
Page 69

A4430-4716
30mm Sheave Box
Page 70

A1714
Size 2 Vang King
Page 72

A.792-ADJUSTER
Spreader Adjuster
Page 81

A4308
Top Furler
Page 69

A4438-5415
38mm Sheave Box
Page 70

A1715-M24
Melges 24 Vang King
Page 72

A4308-LUFF
Hoistable Top Furler
Page 69

A4438-5818
38mm Sheave Box
Page 70

A4360
Forestay Lever
Page 74

Furling Gear

Small Boat Drum Furler

Ideal for dinghies and keelboats up to 20ft (6m), this drum furler offers simple and reliable headsail furling. Pulling the furling line rolls the sail in, while the jib sheet is used to unfurl. Constructed from UV-stable plastic with a marine-grade aluminium swivel for durability and performance.



SwiftFurl Continuous Line Furler

Two sizes available to cover boats up to 25ft (7.5m). Designed for smooth, efficient furling under load. Its continuous line design allows full rotation in either direction, making it suitable for gennakers, jibs and code zero sails. Scan the QR code for more information.



Top Furler Units
Engineered for boats up to 25ft (7.5m), our top furler units are built to handle high loads with ease. Each unit features Torlon ball bearings for smooth, reliable performance under pressure.



SCAN FOR MORE INFO



Part Number	Description	A4302		A4308		A4308-LUFF			
		Boat Size ft	Drum Diameter mm	Pin Diameter mm	Fork Width mm	Distance Between Pins mm	Unit Height mm	Weight g	Maximum Working Load Kg
A4905	Small Boat Drum Furler	20	73	5	8		88	112	430
A4907	60mm SwiftFurl Continuous Line Furler	20	60	6	8		91	197	430
A4908	90mm SwiftFurl Continuous Line Furler	25	90	8	10		152	-	-
A4302	Small Boat Top Furler	20	-	5.9	8	63.25	82.75	41	430
A4308	Top Furler	25	-	-	-	97.40	128.80	-	900
A4308-LUFF	Hoistable Top Furler For 5mm Wire	25	-	4	9	110	125.80	-	900

Go to page 77 for more dinghy furling gear.

Sheave Boxes

Performance Aluminium Sheave Boxes

This milled aluminium sheave box range - also known as exit blocks - is engineered for performance sailing. Available with plain or ball bearing sheaves in Acetal and stainless steel. They all come with a radiused plastic backing plate to give a gapless fit to round surfaces. The backing plate can be removed when fitting to a flat surface. Ideal for halyards, control lines, and general running rigging on boats up to 30ft. Can be paired with wire or rope.



Classic Aluminium Sheave Boxes

Our classic sheave box range is made from cast aluminium. Available with plain or ball bearing sheaves in Acetal, stainless steel and aluminium. Suitable for all types of halyard systems, control line systems and general running rigging on dinghies and low load keelboat systems. The low profile range of sheave boxes feature our unique hook-in cage; reducing size and weight whilst still remaining strong and reliable.



Plastic Sheave Boxes

Designed as low-weight and low-cost alternatives to the aluminium sheave boxes. Available with plain or ball bearing sheaves in Acetal and stainless steel. Ideal for use in lower load systems or when fixing the box to carbon.



Working and Breaking Loads

The load rating data for sheave boxes is based on a 90 degree turn through the sheave.
For a 180 degree turn you should half the listed number.

Part Number	Description	Sheave Material	Bearing Type	Max Line Diameter mm	Sheave Diameter mm	Breaking Load Kg	Max Working Load Kg	Slot size mm	Fixing Hole Centres mm	Fixing Hole Size	Weight g
20mm Performance Aluminium Sheave Box											
A4420-4215-AP	20mm Exit Sheave Box	Acetal	Plain	6	20	500	200	42 x 15	62	M5	29
A4420-4215-D	20mm Exit Sheave Box	Acetal	Ball	6	20	500	105	42 x 15	62	M5	31
A4420-4215-SP	20mm Exit Sheave Box	Stainless Steel	Plain	6	20	500	250	42 x 15	62	M5	38
30mm Performance Aluminium Sheave Box											
A4430-4716-AP	30mm Exit Sheave Box	Acetal	Plain	8	30	600	200	47 x 16	60	M5	35
A4430-4716-D	30mm Exit Sheave Box	Acetal	Ball	8	30	600	140	47 x 16	60	M5	39
A4430-4716-SP	30mm Exit Sheave Box	Stainless Steel	Plain	8	30	600	300	47 x 16	60	M5	61
38mm Performance Aluminium Sheave Box											
A4438-5415-AP	38mm Exit Sheave Box	Acetal	Plain	7	38	900	400	54 x 15	72	M5	60
A4438-5415-SS	38mm Exit Sheave Box	Stainless Steel	Ball	7	38	900	500	54 x 15	72	M5	92
A4438-5415-SP	38mm Exit Sheave Box	Stainless Steel	Plain	7	38	900	600	54 x 15	72	M5	90
A4438-5818-12-AP	38mm Jib Sheave Box	Acetal	Plain	10	38	900	400	58 x 18	76	M5	71
A4438-5818-12-SS	38mm Jib Sheave Box	Stainless Steel	Ball	10	38	900	500	58 x 18	76	M5	117
A4438-5818-12-SP	38mm Jib Sheave Box	Stainless Steel	Plain	10	38	900	600	58 x 18	76	M5	133
25mm Classic Aluminium Sheave Box											
A...9	Classic Sheave Box	Acetal	Plain	8	25	670	300	44 x 13	57	M4	21
A...9B	Classic Sheave Box	Stainless Steel	Ball	8	25	750	300	44 x 13	57	M4	38
A...9H	Classic Sheave Box	Aluminium	Plain	8	25	670	300	44 x 13	57	M4	31
A..15	Low Profile Sheave Box	Acetal	Plain	6	25	750	300	38 x 10	-	M4	12
A..15B	Low Profile Sheave Box	Stainless Steel	Ball	6	25	750	300	38 x 10	-	M4	24
38mm Classic Aluminium Sheave Box											
A...6	Classic Sheave Box	Acetal	Plain	8	38	800	400	52 x 15	65	M4	34
A...6B	Classic Sheave Box	Stainless Steel	Ball	8	38	750	300	52 x 15	65	M4	79
A...6H	Classic Sheave Box	Aluminium	Plain	8	38	800	400	52 x 15	65	M4	48
A..16	Low Profile Sheave Box	Acetal	Plain	6	38	900	400	58 X 13	-	M5	36
A..16B	Low Profile Sheave Box	Stainless Steel	Ball	6	38	900	450	58 x 13	-	M5	68
20mm Plastic Sheave Box											
A2121	20mm Single Sheave Box	Acetal	Ball	6	20	350	105	34 x 13	42	M4	10.8
A2121P	20mm Single Sheave Box	Acetal	Plain	6	20	350	-	34 x 13	42	M4	8.7
A2121HL	20mm Single Sheave Box	Stainless Steel	Plain	6	20	400	-	34 x 13	42	M4	17.7
A2122	20mm Double Sheave Box	Acetal	Ball	6	20	350	105	55 x 13	63	M4	19.1
A2122P	20mm Double Sheave Box	Acetal	Plain	6	20	350	-	55 x 13	63	M4	15.5
A2122HL	20mm Double Sheave Box	Stainless Steel	Plain	6	20	350	105	55 x 13	63	M4	33.3
30mm Plastic Sheave Box											
A2131	30mm Single Sheave Box	Acetal	Ball	8	30	500	140	47 x 17	60	M5	25.6
A2131P	30mm Single Sheave Box	Acetal	Plain	8	30	500	-	47 x 17	60	M5	22
A2131HL	30mm Single Sheave Box	Stainless Steel	Plain	8	30	500	-	47 x 17	60	M5	46.2
A2132	30mm Double Sheave Box	Acetal	Ball	8	30	500	140	77 x 17	90	M5	45
A2132P	30mm Double Sheave Box	Acetal	Plain	8	30	500	-	77 x 17	63	M5	37.6
A2132HL	30mm Double Sheave Box	Stainless Steel	Plain	8	30	500	-	77 x 17	63	M5	45
38mm Plastic Sheave Box											
A...8	Nylon Sheave Box	Acetal	Plain	10	38	700	300	70 x 22	80	M4	41
A...8A	Nylon Sheave Box	Aluminium	Plain	10	38	700	350	70 x 22	80	M4	65

Vang King

Vang King

The Vang King is not just a gas strut; it's a game-changer in vang control systems for keelboats up to 26ft. Designed to serve as a boom support system, the Vang King seamlessly integrates with a purchase system to deliver unmatched control of your mainsail vang settings.

In light winds, the Vang King will hold the boom up which will reduce the unwanted weight on the mainsail leech and thus result in a better sail shape and more speed. Whether you're cruising or racing, the Vang King ensures optimal performance in every sailing condition.



Scan to find out more about the Vang King.



Part Number	Description	Boat Length Ft	Maximum Line Diameter mm	Maximum Return Pressure kg	Pin Center Length Closed mm	Pin Center Length Open mm	Pin Diameter mm	Stroke mm	Weight G
A1714	Size 1 Vang King	16 – 26	8	122	782	982	9.3	200	1270
A1715	Size 2 Vang King	16 – 26	8	122	1104	1304	9.3	200	1300
A1715-M24	Size 2 Vang King For Melges 24	16 – 26	8	122	1104	1304	9.3	200	1300

Pivoting Mast Step

Acetal Pivoting Mast Step

An evolution of our popular aluminium version, the Acetal Pivoting Mast Step delivers enhanced performance through refined design. By allowing greater articulation of the mast heel, it promotes a smoother and more controlled mast bend profile, which essential for optimising rig setup and sail shape. The pivoting action also helps distribute rig loads more evenly across the deck, reducing stress concentrations and increasing durability.

Ideal for sailors seeking precision, consistency, and improved rig efficiency.

Designed in collaboration with Jon Turner.

Various mast heel plugs are available to suit the most popular mast profiles.



Part Number	Description	Length mm	Width mm	Height mm	To Suit ID Spa Diameter mm	Fixing Hole Centres mm	Slot / Tenon mm	Weight g
A9200	Acetal Pivoting Mast Step	150	40	28	-	44.5	17	173
A9250	Mast Heel For Selden Mast	68	-	35	37.50	-	16.90	88
A9251	Mast Heel For Paragon Mast	68	-	35	41	-	16.90	99
A9252	Mast Heel For Super Spars Mast	68	-	35	46	-	16.90	116

Aluminium Pivoting Mast Step

Designed for dinghies or small keelboats that have easily adjustable rigging whilst sailing. By allowing the mast heel to pivot it reduces loading points in the deck of the boat and spreads the forces more evenly. Features a high load shackle which can be used as a vang attachment point. CNC machined from 6082 Aluminium, anodised black.

Various mast heel plugs are available to suit the most popular mast profiles.



Part Number	Description	Length mm	Width mm	To Suit Mast Inside Diameter mm	Shape	Weight g
A9100	Pivoting Mast Step	90	45	-	-	173
A9150	Pivoting Mast Heel For Selden Mast	77	37	37	Round	21
A9151	Pivoting Mast Heel For Paragon Mast	77	41	41	Round	21
A9152	Pivoting Mast Heel For Super Spars Mast	78	46	46	Round	21
A9153	Pivoting Mast Heel Adapter For Cumulus Mast Profile	32	87	-	Cumulus	87

Vernier Adjusters

Stay & Vernier Adjusters

Allen Vernier Adjusters are made from high quality stainless steel to ensure they are lightweight yet hard wearing. Available in a variety of designs to allow for fine-tune rig adjustment.

Also available as de-raker kits with pressed calibration marks, fast pins and captive de-raker plates. Allowing maximum customisation even when you're on the water.



Part Number	Description	Pin Diameter mm	Adjustment Range mm	Increments mm	Internal Width mm	Weight g
A4024	Channel Stay Adjuster	5	87	9	13	59
A4172	Stay Adjuster	5	52	9	8	46
A4372	Stay Adjuster	5	60	9	8	23
A4472	Stay Adjuster	5	69	9	8	39
A4572	Stay Adjuster	6	76	13	10	86
A4872	Stay Adjuster	6	76	13	9	100
A4972	Open Front Vernier Adjuster	5	64	4	8	38
A4272-148	Vernier Adjuster With Lacing Hook	5	64	3	9	46
A4272S	Short Vernier Adjuster	5	32	4	9	25
A4772	Heavy Duty Vernier Adjuster	5	84	4	9.5	71
A4772DR-KIT	Heavy Duty Vernier Adjuster With De Raker Plate	5	84 + 43dr	4	9.5	78
A4772HT	High Tension Vernier Adjuster	6	80	5	10	64
A4272	Vernier Adjuster	5	64	3	9	41
A4772S	Short Heavy Duty Vernier Adjuster	5	32	4	9.5	41
A4772S-6	Short Heavy Duty Vernier Adjuster	6	32	4	10.5	40
A4772SDR-KIT	Short Heavy Duty Vernier Adjuster With De Raker	5	32 + 43dr	4	9.5	40
A4772DR	De-Raker Plate	-	43	-	-	31
A4360	Forestay Lever	5	101	9	6	170

Clevis Pins & Split Rings

Part Number	Description	Diameter mm	Length mm
AFPP266	Small Split Ring	11	-
AFPP266B	Medium Split Ring	15	-
AFPP266C	Large Split Ring	18	-
AFCP59	Clevis Pin	4.9	9.5
AFCP512	Clevis Pin	4.9	12.5
AFCP515	Clevis Pin	4.9	15
AFCP518	Clevis Pin	4.9	18.5
AFCP521	Clevis Pin	4.9	21.5
AFCP525	Clevis Pin	4.9	25
AFCP621	Clevis Pin	5.9	21.5
F630L	Drop Nose Pin	4.9	23



Fast Pins, Reaching Hooks & Drop Nose Pins

Made from 316 stainless steel and designed for use with our vernier adjusters. Please contact us for custom sizes.

Part Number	Description	Diameter mm	Usable Length mm	Overall Length mm	Suitable For	Weight g
A5005	Fast Pin	5	12.5	26.5	A4272	6.3
A5005-32	Fast Pin	5	21	32	-	-
A5006	Fast Pin	6	15	29	A4772HT	8.4
A5007-40	Fast Pin	4.8	30	40	-	-
A5007-50	Fast Pin	4.8	40	50	-	-
A5008-26	Fast Pin	6.4	13	26	-	8.5
A5105L	Reaching Hook	5	13	16	A4272	12
A5105S	Reaching Hook	5	9	12	A4772	11
A5106L	Reaching Hook	6	13	29	A4772S-6/ A4772HT	12.5
A5106S	Reaching Hook	6	9	25	-	12
A5107S	Reaching Hook	4.75	9	25	-	12
A5206-60	Drop Nose Pin	6	60	-	-	21
A5208-15	Drop Nose Pin	6.5	15	-	-	-
A5208-9	Drop Nose Pin	6.5	9.5	22.5	-	-

Mast Ram Kits

Dynamic Rig Adjustment

The Allen dynamic rig adjustment kit has been developed to suit multiple applications and boats. Examples of applications include the Fireball horizontal mast strut, the 505 vertical mast strut and Graduate GNAV system. In all cases we provide a complete kit.



A3210		A3211		A3212	
Part Number	Description	Tube Length mm	Track Length mm	Part Number	Description
A3210	Vertical Mast Ram Kit	700	250	A3211	Horizontal Mast Ram Kit
A3211	Horizontal Mast Ram Kit	700	500	A3212	Gnav System
A3212	Gnav System	700	300		

Highfield Levers

A range of high quality formed 316 stainless steel ratchet and non-ratchet highfield levers for rapid and repeatable rig tensioning.



A4160		A4260		A4260-1		A4260-2		
Part Number	Description	Throw mm	Adjustment mm	Backing Plate Thickness mm	Backing Plate Width mm	Backing Plate Length mm	Number Of Adjustments	Weight g
A4160	Highfield Lever	70	-	1.5	16	50	1	100
A4260	Ratchet 3 Fixings Flat Backing Plate	75	63	1.5	13	95	6	193
A4260-1	Ratchet 3 Fixings Clipped Backing Plate	75	63	5	13	101	6	111
A4260-2	Ratchet 4 Fixings Flat Backing Plate	75	63	1.5	13	95	6	102

Dinghy Furling Gear

Various swivels and furling units design for use on dinghies.

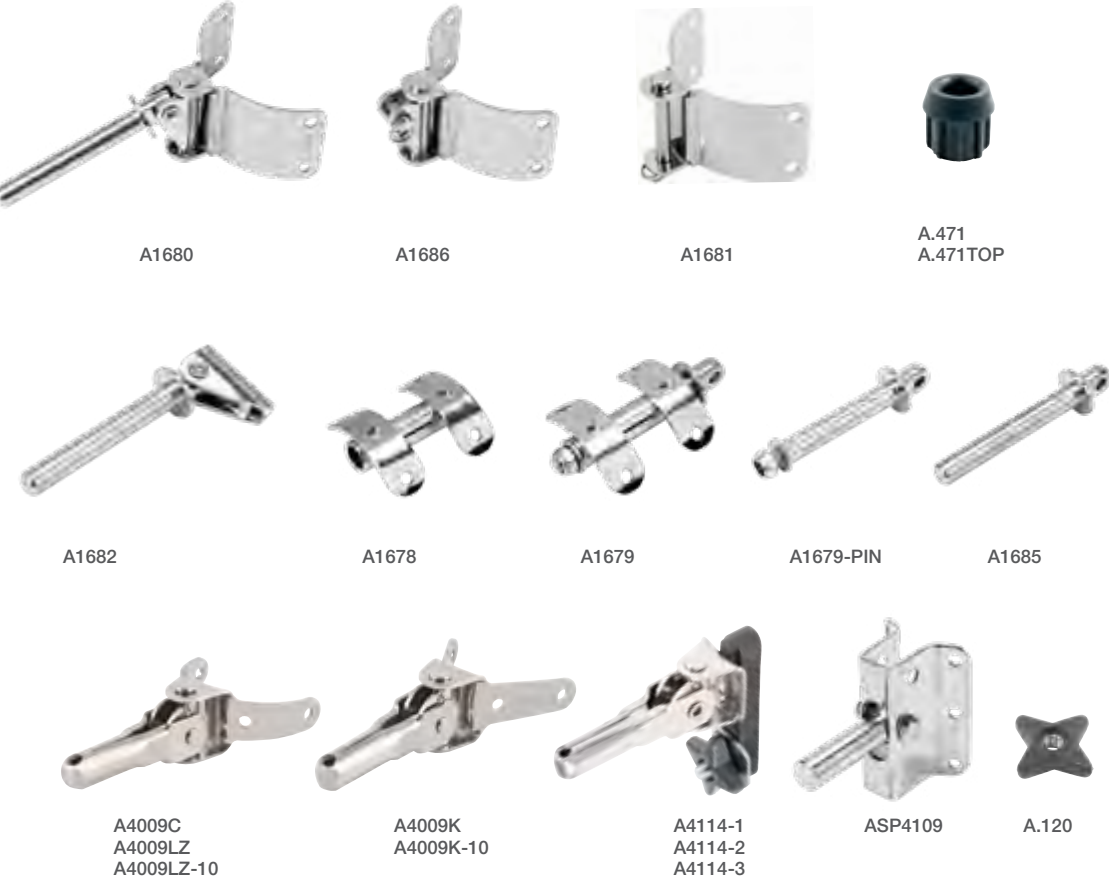


Part Number	Description	Fixing Hole Diameter mm	Pin Diameter mm	Fork Width mm	Length mm	Height mm	Weight g	Maximum Working Load Kg
A4102	Stainless Steel Top Furler	-	5	12 / 9	49	-	23	200
SA2021SC	Small Swivel Connector	-	4	9	26	-	4	115
A4202	Swivel Connector	-	5	11	34	47.50	38	400
A4222	Stainless Steel Universal Swivel Base	4	4	-	-	30	28	300
SA4904LZ	Replacement Furling Unit For A4904LZ	35	5	-	90	46	125	330
A4904LZ	Integral Bow Bar Furling Unit	5	5	11	235	90	65	330

Goosenecks

Goosenecks

A range of high quality 316 stainless steel and pressure die cast aluminium fixed and sliding goosenecks.



Part Number	Description	Fixing Hole Diameter mm	Pin Diameter mm	To Suit Mast Diameter mm	Groove Width mm	Backing Plate Width mm	Backing Plate Thickness mm	Weight g
A1678	Gooseneck Socket Body	5	9	-	47	-	-	41
A1679	Fixed Pin Gooseneck Fitting	-	9	-	-	-	-	88
A1679-PIN	Gooseneck Pin With Nut	-	9	-	-	-	-	45
A1680	Assembled Gooseneck	5	9	60 - 90	72	2	-	134
A1681	Gooseneck With Clevis Pin	5	6	60 - 90	72	2	-	-
A1682	Goosneck Pin With Pivot Bracket	-	9	-	-	-	-	66
A1685	Loose Gooseneck Pin	-	9	-	-	-	-	44
A1686	Mast Gooseneck Fitting With Pivot	5	9	60 - 90	72	2	-	92
A.471	Gooseneck Sleeve	-	19	-	-	-	-	16
A.471TOP	Gooseneck Sleeve	-	28	-	-	-	-	22
A4009C	Stainless Steel Gooseneck With Radiused Strap	4	13.6	50 - 55	-	-	-	78
A4009LZ	Stainless Steel Gooseneck With Radiused Strap	4	13.6	55	-	-	-	78
A4009LZ-10	Stainless Steel Gooseneck With Radiused Strap	4	10	55	-	-	-	78
A4009K	Stainless Steel Gooseneck With V Strap	4	13.6	50	-	-	-	78
A4009K-10	Stainless Steel Gooseneck With V Strap	4	10	50	-	-	-	78
A4114-1	Aluminium Sliding Gooseneck	-	13.6	-	7	11	10	101
A4114-2	Aluminium Sliding Gooseneck	-	13.6	-	9	16	4	94
A4114-3	Aluminium Sliding Gooseneck	-	13.6	-	8	16	6	104
ASP4109	Laser/ILCA Gooseneck	5	12	-	-	45	2	-
A.120	Spare Gooseneck Nut	-	-	-	-	-	-	5

Boom

Finn & OK Dinghy Boom

Extruded 6082 aluminium gives durability, strength and stiffness whilst being able to resist the marine environment.

Features

- Tapered end for weight reduction.
- Blue Pad-Tii's and through deck bushes for soft attachment of blocks.
- Multiple rigging options for outhaul.
- Stiff and strong.



Part Number	Description	Weight g
A-OK-BOOM	OK Boom	3400
A-FINN-BOOM	Finn Boom	-
A-BOOM-BOLT	Bolt For OK & Finn Boom	120

Boom Bolt

Designed for use with the OK & Finn Boom.

Features

- Innovative nut held in place with fast pin.
- Two plastic washers stop contact corrosion.



V2 Vang Lever

The V2 Vang Lever is lightweight, strong and stylish.

Features

- Two large rope friendly sheaves on either side of the pivot point guide the vang control line.
- Spacer mouldings to hold a triple block in the centre of the lever.
- Protective end caps to limit damage to the deck.
- Easily assembled and disassembled.
- CNC Machined from aluminium
- For both Finn and OK Dinghys
- Anodised blue.



Part Number	Description	Weight g
A-VANG-LEVER	V2 Vang Lever	360



Mast Head Sheave Boxes

High quality in house injection moulded nylon 6 mast head crane and sheave box with optional insert moulding to fit larger diameter.



Part Number	Description	Sheave Width mm	Sheave Diameter mm	Sheave Material	Fixing Hole Diameter mm	Weight g
A..94	Mast Head Sheave Box	6	36	Acetal	To Fit 20mm Tube	40
SA..94	Adaptor For A..94	-	-	-	To Fit 35mm Tube	22

Mast Gates & Step



Part Number	Description	Length mm	Width mm	Thickness mm	Fixing Hole Centres mm	Slot / Tenon mm	Weight g
A.480	Optimist Deck Ring	85	75	3	54	-	21.5
A.490	Optimist Mast Ring	-	45	3	-	-	8
A4107	Mast Gate Bar	138	22	2	114	-	45
A4107S	Mast Gate Bar	112	22	2	89	-	37
A4124	Adjustable Mast Step	150	23	2	129	19	94

Mast Tangs

A range of 316 stainless steel rigging tangs for externally mounted shrouds and other take-off points.



Part Number	Description	Length mm	Width mm	Fixing Hole Centres mm	Fixing Hole Centres mm
A4041	Mast Tang	77	16	5	11
A4141	Mast Tang	104	22	5 - 6	19 - 26
A4141-5	Mast Tang	104	22	5	10 - 25
A4241	Mast Tang	52	16	5	-

Aerofoil Spreader Section

New for 2025 is our A.792 strong and aerodynamic spreader section made from aluminium, available in a variety of lengths to suit multiple classes of boat. A.792 is available in lengths ranging from 300 to 500mm in 40mm increments. All A.792 spreaders come with the A.792-ADJUSTER, which allows for 5mm fine tuning adjustments to spreader length. For more information please visit our website.



Part Number	Description	Length Min mm	Length Max mm	Width mm	Thickness mm	Compatible With	Weight g
A.791	Red Aerofoil Spreader Including End Caps	486	486	10	32	A.625 / A.147	22
A.791-470SA	Aerofoil Spreader	459	459	10	32	A.625 / A.147	19
A.791SA	Silver Aerofoil Spreader Including End Caps	486	486	10	32	A.625 / A.147	22
A.792-300-SIL	Silver Aerofoil Spreader	300	350	10	32	A4527 / A.792-ADJUSTER	-
A.792-340-SIL	Silver Aerofoil Spreader	340	390	10	32	A4527 / A.792-ADJUSTER	-
A.792-380-SIL	Silver Aerofoil Spreader	380	430	10	32	A4527 / A.792-ADJUSTER	-
A.792-420-SIL	Silver Aerofoil Spreader	420	470	10	32	A4527 / A.792-ADJUSTER	-
A.792-460-SIL	Silver Aerofoil Spreader	460	510	10	32	A4527 / A.792-ADJUSTER	-
A.792-500-SIL	Silver Aerofoil Spreader	500	550	10	32	A4527 / A.792-ADJUSTER	-

Spreader Ends

Hold your shrouds in place with our fixed or adjustable spreader ends. The A.625 is designed to hold 4mm shrouds in a fixed position. A.792-ADJUSTER is a 70mm long adjuster plate that fits inside the A.792 spreader section. It comes with an end cap that can hold 2.5 or 3mm shrouds. The adjuster plate can be set in 5mm increments allowing fine turning of rig settings.

Part Number	Description	Length mm	Thickness mm	Width mm	Shroud Dia. mm	Weight g
A.625	Spreader End Caps To Fit A.791	37	5.5	22	4	2.1
A.792-ADJUSTER	Adjustable Spreader Insert With End Caps	112	4	18.50	2.5 - 3	-

A.625

A.792-ADJUSTER

Spreader Bracket

Designed to suit round or oval masts, simply manipulate the bracket to suit your required mast profile. The spreader bracket comes with adjustable barrels, allowing you to easily rake the spreaders forward and aft with a thumb screw. Pair this bracket with the A.792 Aerofoil spreader. For more details please visit our website.

Part Number	Description
A.147	Spreader Root For Swinging Spreaders
A4527	Complete Adjustable Spreader Bracket Set
A4527-BARREL	Adjustable Barrels - Pair
A4527-BRACKET	A4527 Spreader Bracket
A4527-SOCKET	A4527 Spreader Socket For Barrels - Pair

A.147

A4527
A4527-BARREL
A4527-BRACKET
A4527-SOCKET

Mast Brackets & Boom Straps

Our range of 316 stainless steel mast and boom straps are available in a variety of designs to suit wooden, carbon and aluminium spar's.



Part Number	Description	Fixing Hole Diameter mm	Spar Size mm	Pin/Head Diameter mm	Strap Thickness mm	Weight g
A4413	Kicking Strap Bracket	5	50 - 80	-	1.5	38
SA.312	Kicking Strap Key	5.5	6 - 13	-	-	-
SA.873	Kicking Strap Key Curved	5.5	6 - 13	-	-	-
A4002	Kicking Strap Key	5.5	-	8mm /13mm	1.5	-
A4210	Spinnaker Head Crane	4	Adaptable	-	5	-



Part Number	Description	Fixing Hole Diameter mm	Spar Size mm	Strap Thickness mm	Weight g
A4016	Boom Strap	5	38	1.5	15
A4116	Boom Strap	5	32	1.5	16
A4216	Boom Strap	5	Forms to any shape	1.5	15
A4417	Boom Strap	5	45	2	29
A4599-S	Mast Bracket For Lowers	5	60	2	64.8
A4032	Gaff Band	5	44 x 44	1.5	16
A4042	Hound Fitting	5	50 - 80	1.5	22
A4142-6.5	Mast Kicker Bracket	5.18	50 - 80	1.5	22
A4142-HT	Heavy Duty Mast Kicker Bracket	5.18	50 - 80	2.1	32
A4203	Mast Anchor Plate	5	50 - 80	1.5	15
A4203R	Mast Anchor Plate	5.1	50 - 80	1.5	16
A4416	Bail Bracket	5	45	1.5	16
A4192	Kicking Strap Lever	5	-	-	132



Part Number	Description	Fixing Hole Diameter mm	Eye Inside Diameter mm	Spar Size mm	Length mm	Maximum Rope Size mm	Weight g
A.132	Spinnaker Pole Mast Bracket Single Eye - Nylon	4	12	35	38	8	12
A.232	Spinnaker Pole Mast Bracket Double Eye - Nylon	4	12	50	45	12	37
A4232	Spinnaker Pole Mast Bracket Double Eye - Stainless	5	15	50-80	36	61	61
A4332	Spinnaker Pole Mast Bracket Single Eye - Stainless	5	25	50	55	37	35

Halyard Exit Plates

Made from durable 316 stainless steel, these products are designed to stop wear on a mast wall from exiting halyards.



Part Number	Description	Fixing Hole Diameter mm	Fixing Hole Centres mm	Exit Slot Length mm	Exit Slot Width mm	Overall Length mm	Overall Width mm
A4383	Halyard Exit Plate Small	5	99	55	12	116	22
A4385	Halyard Exit Plate Medium	5	149	100	18	178	29



Halyard Hook Racks

Made from pressure die cast aluminium or 316 stainless steel, these are a very popular solution for consistent cleating of a main halyard on the mast.



Part Number	Description	Fixing Hole Diameter mm	Increments mm	Number Of Adjustments	Length mm	Maximum Wire Diameter mm	Weight g
A.245	Hook Rack	4	12.5	10	126	5	31
A.345	Hook Rack	4	12.5	5	85	5	15
A4245	Halyard Lock	5	-	-	58	2-3	9

Muscle Box

The classic 8:1 muscle box enclosed purchase system.



Part Number	Description	Length mm	Line Diameter mm	Travel mm	Fixing Hole Diameter mm	MWL kg	Weight g	Sheave Diamter mm
A4233	Muscle Box	307	3	147	5	400	254	23

Mast & Tube Plugs

A range of high quality injection moulded nylon 6 caps for a wide variety of applications.



Part Number	Description	Tube Inside Diameter mm	Tube Outside Diameter mm	Tenon Size mm	Weight g
A.360	End Plug	22	25	-	7
A.363	End Plug	29	32	-	10
A.464	End Cap	41	45	-	14
A.472	End cap	43	46	-	15
A.466	Nylon Mast Heel	47	50	29 x 29	25

Mast Deck Chocks

Made from Nylon and suitable for use with any keel stepped dinghies such as 420, 470, 505 and Fireball's. Our mast deck chocks feature a soft nylon side that can be trimmed with a knife to suit the width of your mast gate. Available in a pack or individually.



Part Number	Description	Thickness mm	Weight g
A.473-1	Mast Deck Chock	1	3
A.473-5	Mast Deck Chock	5	13
A.473-10	Mast Deck Chock	10	21
A.473-C	Mast Deck Chock Curved	10	32
A.473-S	Mast Deck Chock Slotted And Wedged	17 Maximum / 10 Minimum	32
A.473	Pack Of 5 Mast Deck Chocks	-	101

Mirror Dinghy Mast Fittings

A range of 316 stainless steel fittings originally designed for the Mirror Dinghy, but suitable for many other classes and applications.



Part Number	Description	Fixing Hole Diameter mm	Mast Diameter mm	Boom Size mm	Sheave Width mm	Weight g
A4184	Spinnaker Crane	4	33	-	18	49
A4314	Gooseneck	4 - 5	50 - 70	20+	-	84
A4314R	Gooseneck	4 - 5	50 - 70	43	-	88

Mast Base Organiser (pair)



Part Number	Description
A4950	Mast Base Organiser - Pair

Boom Slides

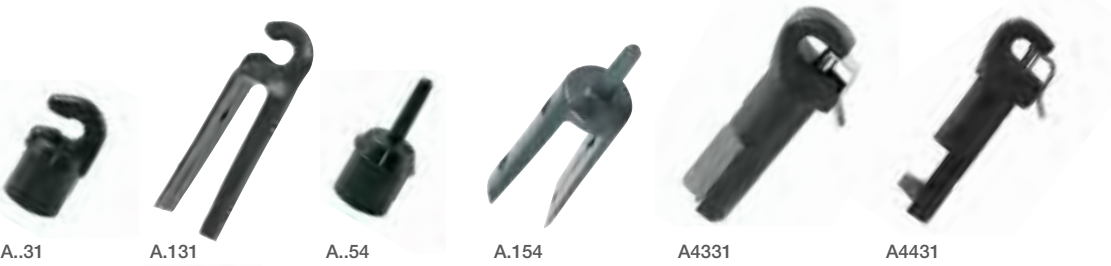
A very popular 316 stainless steel slider with loop and screw to attach mainsheet and kicking strap points to a boom.



Part Number	Description	Length mm	Width mm	Thickness mm	Loop ID mm	Loop OD mm	Weight g
A4258	Adjustable Stainless Steel Boom Slide	64	16	2	15	25	61

Spinnaker Pole & Jib Stick Fittings

A range of nylon fittings for use with a variety of spinnaker poles or jib sticks. A4331 & A4431 feature a spring loaded piston trigger to allow for easy open and closing. Designed to fit our spinnaker mast brackets.



Part Number	Description	Fixing Hole Diameter mm	Fixing Hole Centres mm	To Suit Spa Diameter mm	Length mm	Eye Diameter mm	Maximum Rope Size mm	Weight g
A..31	Spinnaker Pole Snap Hook	-	-	22	42	9	8	8
A.131	External Spinnaker Pole Snap Hook	4	33	15	83	9	8	12
A..54	Jib Stick Spike	-	-	22	52	-	-	8
A.154	External Jib Stick Spike	4	35	15	89	-	-	11
A4331	Piston Triggered Spinnaker Pole End	5	70	34	142	13	10	150
A4431	Piston Triggered Spinnaker Pole End	6	37	22	102	8	7	50
A.257	Spinnaker Pole Cleat	5	36	-	102	-	6	18
A.357	Spinnaker Pole Ramp	5	36	-	-	-	6	16
A.602	Spinnaker Pole Tubing 25mm O/D	-	-	25	-	-	-	-

Rigging Screws

316 Stainless steel rigging screws.



Part Number	Description	Thread	Max Length mm	Min Length mm	Body Length mm	Fork Width mm	Pin Diameter mm	Breaking Load Kg	Weight g
A6110	Fork / Fork Rigging Screw	M5	180	126	80	8	5	800	51
A6112	Fork / Fork Rigging Screw	M6	200	138	92	8	5	1250	90
A6114	Fork / Fork Rigging Screw	M8	234	158	112	10	6	1300	140
A6116	Fork / Fork Rigging Screw	M10	272	188	120	11	8	2600	240



Part Number	Description	Thread	Max Length mm	Min Length mm	Body Length mm	Fork Width mm	Pin Diameter mm	Breaking Load Kg	Weight g
A6132	Fork / Stud Rigging Screw For 2.5mm Wire	M5	206	152	80	8	5	800	45
A6134	Fork / Stud Rigging Screw For 3mm Wire	M6	232	170	92	8	6	1250	85
A6136	Fork / Stud Rigging Screw For 4mm Wire	M6	242	180	92	8	5	1250	87
A6138	Fork / Stud Rigging Screw For 4mm Wire	M8	275	199	112	19	6	1300	130
A6140	Fork / Stud Rigging Screw For 5mm Wire	M8	281	205	112	10	6	1300	132

Wire Stud Terminal

316 stainless steel threaded swaged stud for wire rigging.



Part Number	Description	Thread	Thread Direction	Body Length mm	Screw Length mm	Body Diameter mm	NV	Weight g
A6152	Threaded Swaged Stud For 2.5mm Wire	M5	Right	32	42	5.5	4.5	1.5
A6153	Threaded Swaged Stud For 2.5mm Wire	M5	Left	87	42	5.5	4.5	1.5
A6154	Threaded Swaged Stud For 3mm Wire	M6	Right	100	48	6.35	5	2
A6155	Threaded Swaged Stud For 3mm Wire	M6	Left	38	48	6.35	5	2
A6156	Threaded Swaged Stud For 4mm Wire	M6	Right	100	48	7.5	6	2.4
A6157	Threaded Swaged Stud For 4mm Wire	M6	Left	45	48	7.5	6	2.4

Wire Eye Terminal

316 Stainless steel eye terminals for wire rigging.



Part Number	Description	Internal Body Diameter mm	External Body Diameter mm	Eye Diameter mm	Length From Eye Centre mm	Body Length mm	Thickness of Head mm	Weight g
A6175	Stainless Steel Eye Terminal For 2mm Wire	2.2	5.5	5.5	49	32	3	0.9
A6176	Stainless Steel Eye Terminal For 2.5mm Wire	2.8	5.5	5.5	49	32	3	0.8
A6177	Stainless Steel Eye Terminal For 3mm Wire	3.5	6.35	6.5	55	38	4	1.3
A6178	Stainless Steel Eye Terminal For 4mm Wire	4.4	7.5	8.5	67	45	5	2.3

Wire Fork Terminal

316 Stainless steel fork terminal for wire rigging.



Part Number	Description	Internal Body Diameter mm	External Body Diameter mm	Eye Diameter mm	Length From Pin Centre mm	Body Length mm	Fork Width mm	Weight g
A6166	Stainless Steel Fork Terminal For 2.5mm Wire	2.8	5.5	5	58	32	7	2
A6167	Stainless Steel Fork Terminal For 3mm Wire	3.5	6.35	5	65	38	7	2.3
A6168	Stainless Steel Fork Terminal For 3mm Wire	3.5	6.35	6	66	38	9	2.8
A6169	Stainless Steel Fork Terminal For 4mm Wire	4.4	7.5	5	71	45	7	2.7
A6170	Stainless Steel Fork Terminal For 4mm Wire	4.4	7.5	6	73	45	9	3.4

Wire ‘T’ Terminal

316 Stainless steel ‘T’ terminal for wire



Part Number	Description	Overall Length mm	Internal Length mm	Internal Diameter mm	External Diameter mm	Weight g
A4283	T-Terminal Backing Plate	4	-	-	44	2.5
A6185	Stainless Steel 'T' Terminal For 2mm Wire	80	32	2.2	5.5	1.5
A6186	Stainless Steel 'T' Terminal For 2.5mm Wire	80	32	2.7	5.5	1.5
A6187	Stainless Steel 'T' Terminal For 3mm Wire	80	39	3.3	6.35	2
A6188	Stainless Steel 'T' Terminal For 4mm Wire	100	45	4.2	7.5	4
AB1506	Stainless Steel 'T' Terminal For 2.5mm Wire With Welded Eye	80	32	2.7	5.5	3.5

Eye Bolt

Stainless steel eye screw with bolt for rigging.



Part Number	Description	Thread	Overall Length mm	Length From Hole Centre mm	Screw Length mm	Head Diameter mm	Thread Length mm	Breaking Load Kg	Weight g
A6200	Stainless Steel Eye Bolt	M6	57	46	30	13	30	1360	1.8
A6204	Stainless Steel Eye Bolt	M6	87	76	60	13	60	1360	2.6
A6208	Stainless Steel Eye Bolt	M8	66	53	35	15	35	2390	3.8
A6212	Stainless Steel Eye Bolt	M8	110	98	80	15	75	2390	5.5

Rudder Stocks

Rudder Stocks

We design, manufacture and assemble a vast range of rudder stocks and steering systems. We have developed steering systems for boats such as the Farr X2, Dragon, Etchells, Storm 18, 470, 420, 49er, 29er, Musto Skiff, ILCA and many more!

If you are looking for a new design to suit your specific needs, please get in touch with us.

Below is just a small selection of off the shelf rudder stocks we hold in stock.

RUDDERSTOCKS AND ACCESSORIES

This section features our full range of rudder-related hardware, designed to suit the demands of performance sailing. From precision-engineered rudder stocks and lightweight tiller extensions to durable pintles, gudgeons and more, each product is made in our UK factory to deliver responsive, reliable steering in all conditions.



A7420
A7420L
A7420P



AB1742



A7470



A7000

Please contact us to discuss custom options or to find our more details.

Part Number	Description	Between Pintle mm	Blade Thickness mm	Tiller Angle Degrees	Tiller Diameter mm	Tiller Length mm
A7420	420 Rudder Stock	244	19	0	32	875
A7420L	420 Rudder Stock For N1 Blade	223	19	0	32	884.7
A7420P	420 Rudder Stock For Persson Marine	246	19	0	32	884.7
AB1742	Firefly Rudder Stock	245.4	20	168	32	875.9
A7470	470 Rudder Stock	226	22	-	32	369
A7000	Rudder Stock (Pair with A7001 Pintle)	175	25	7	-	-

Tillers

Tiller Tubes

Aluminium Tiller Tube's with UJ Fittings, suitable for making your own tiller or pairing with our A7000 Rudder Stock.



Part Number	Description	Tiller Diameter mm	Tiller Length mm
A1618	ILCA Gorilla Tiller Only	31.5	990
A1619	Gorilla Tiller With Aluminium Tiller Extension	31.5	990
A1620	ILCA Groilla Tiller Extension Only	-	1079.80
A7002-1.0	1000mm Tiler For Use With A7000	31.8	1000
A7002-1.1	1100mm Tiler For Use With A7000	31.8	1100
A7002-1.2	1200mm Tiler For Use With A7000	31.8	1200
A7002-1.3	1300mm Tiler For Use With A7000	31.8	1300

Tiller Extensions - Carbon

Allen Carbon Tiller Extensions are light yet responsive, providing you with great feedback from your tiller. We have two styles of Carbon Tiller Extensions to suit your style of sailing. Available in a variety of lengths.

The A55.. range has a narrower carbon tube and utilises a foam grip at the end of the extension.



Part Number	Description	Length mm	Length ft	Weight g	Tube Diameter mm
A5506	Carbon Fibre With Soft Grip And Universal Joint	609	2	96	20
A5507	Carbon Fibre With Soft Grip And Universal Joint	710	2.3	103	20
A5509	Carbon Fibre With Soft Grip And Universal Joint	925.8	3.03	107	20
A5511	Carbon Fibre With Soft Grip And Universal Joint	1100	3.6	110	20
A5512	Carbon Fibre With Soft Grip And Universal Joint	1200	4	147	20
A5514	Carbon Fibre With Soft Grip And Universal Joint	1400	4.10	164	20
A5519	Carbon Fibre With Soft Grip And Universal Joint	1900	6.3	206	20
A5521	Carbon Fibre With Soft Grip And Universal Joint	2100	6.9	226	20
A5525	Carbon Fibre With Soft Grip And Universal Joint	2500	8.3	269	20

Extensions & UJ

Tiller Extensions - Aluminium

Our Range of Aluminium Tiller Extensions are lightweight and feature a foam grip to give you the ultimate control. Available in 7 lengths and 7 anodised colours, Red, Blue, Black, Silver, Orange, Purple and Graphite.



Part Number	Description	Suitable For	Length mm	Length ft	Weight g
A.454	Tiller Extension Retaining Clip	All Aluminium Tiller Extensions	-	-	4
A4198	Aluminium Tiller Extension		700	2.29	141
A4898	Aluminium Tiller Extension	Optimist, Cadet	609	2	124
A4298TOP	Aluminium Tiller Extension	Topper	685	2.3	177
A4298	Aluminium Tiller Extension	Laser 2, Laser 3000	762	2.6	147
A4498TOP	Aluminium Tiller Extension	Topper	975	3.2	177
A4498	Aluminium Tiller Extension	470,420, Enterprise, GP14, Pico	915	3	170
A4698	Aluminium Tiller Extension	Laser, RS400, Finn, 29er, RSFeva, RS200	1067	3.6	195
A4798	Aluminium Tiller Extension	B14, RS600, Int.14, Contender	1975	6.6	347

Tiller Extension Universal Joints

Universal joints are for connecting the tiller extension to the tiller. Our range gives you maximum control and feedback whilst still proving reliable over long periods of use.



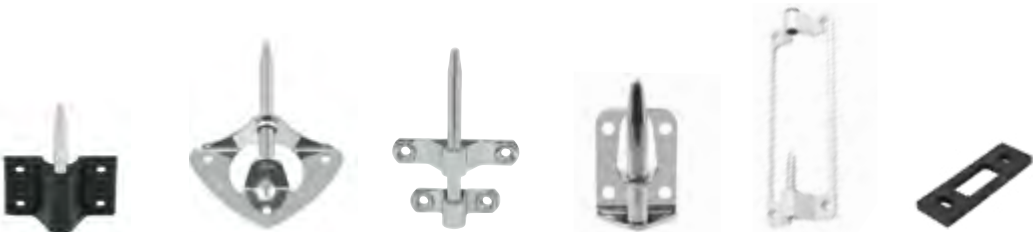
Description	Fixing Hole mm	Bolt Length mm	To Suit	Weight g
A4092	4	32	17mm Maximum Outside Diameter Extension	41
A4098	4	-	17mm Maximum Outside Diameter Extension	41
A5098	5	-	13mm Minimum Inside Diameter Tube	22
A5198	5	-	13mm Minimum Inside Diameter Tube	22
A5196	5	-	25mm Tiller Tube	6
A5197	5	-	32mm Tiller Tube	5
A5198BASE-M5NUT	5	-	-	5

Transom Plates, Pintles & Gudgeons

Our range of Rudder Gudgeons and Pintles are available in varying sizes. Designed for fixing to the rudder blade or rudder stock.



Part Number	Description	Fixing Hole Diameter mm	Overall Width mm	Hole / Pin Diameter mm	Pin Length mm	Transom To Pin Centre mm	Weight g
A.420	Transom Gudgeon	5	131	8	30	39	42
A.485	Laser/ILCA Gudgeon	5.7	130	9.5	-	36.3	34.9
A.520	Transom Gudgeon	5	70	8	-	19	28
A.520-10	Transom Gudgeon	5	70	10	-	16	27
A4020	Transom Gudgeon	4.9	70	8.2	-	18	22
A4020S	Transom Gudgeon	5.5	75	8.1	-	17	41
A4120	Transom Gudgeon	5.2	58	8.2	-	17.5	17
A4420	Optimist Transom Gudgeon	5.2	44	6.2	-	24	24
A4840	Rudder Gudgeon	5	62	8	-	31	22



Part Number	Description	Fixing Hole Diameter mm	Overall Width mm	Hole / Pin Diameter mm	Pin Length mm	Transom To Pin Centre mm	Weight g
A.519	Transom Pintle	6.3	72	8	45	18	89
A.519-10	Transom Pintle	6.3	72	10	57	18	95
A4019	Transom Pintle	4.8	80	8	57	18	67
A4019S	Transom Pintle	5.2	75	8	56.9	17	112
A4317	Transom Pintle	4	32	7.8	37	18	40
A7001	One Piece Pintle & Gudeon For A7000	5	69	7.59	-	18	100
A.619	Pintle Packing Spacer	6	71	-	-	-	6

Rudder Retaining Equipment

Our range of acetel and stainless steel rudder retaining equipment holds the rudder in place. Available in a variety of sizes.



Part Number	Description	Fixing Hole Diameter mm	Overall Width mm	Weight g
A..21	Acetal Reatining Clip	4	53	2.5
A..21SS	Stainless Steel Retaining Clip	4	53	5
A.221	Optimist Rudder Retaining Clip	4	51	2.5
A1923	Stainless Steel Retaining Clip With Endcap	5	78	9
A4121	Stainless Steel Retaining Clip	5	78	9

Rudder Wing Nuts



Part Number	Description	Fixing Hole Diameter mm	Overall Width mm	Weight g
A4229-6	Rudder Stock Wing Nut	6	57	21
A4229-8	Rudder Stock Wing Nut	8	57	20
A5229	Wing Nut & Bolt Retainer Plastic	8	65	19
A1785	Laser Tiller Retaining Pin	-	3	3.7

Rudder Pintles & Gudgeons

Available in varying sizes to match rudder head widths, this range of 316 stainless steel fittings are for fixing to the rudder blade or rudder stock.



Part Number	Description	Fixing Hole Diameter mm	Width mm	Hole / Pin Diameter mm	Pin Length mm	Length mm	Distance From Stock To Pin mm	Weight g
A4017-23	Rudder Pintle	4	23	8	40	89	18	88
A4017-35	Rudder Pintle	4	35	8	40	89	18	101
A4017-42	Rudder Pintle	4	42	8	40	89	18	101
A4017-45	Rudder Pintle	4	45	8	40	89	18	101
A4017-51	Rudder Pintle	4	51	8	40	89	18	101
A4017-54	Rudder Pintle	4	54	8	40	89	18	101
A4017-60	Rudder Pintle	4	60	8	40	89	18	101
A4017C-38	Rudder Pintle	4	38	8	40	89	18	101
A4117L	Rudder Pintle	4	11	7.8	47	70	18	57
A4117S	Rudder Pintle	4	11	7.8	35	70	18	57
A4417L	Optimist Rudder Pintle	5.2	12	6	34	80	10	48
A4417S	Optimist Rudder Pintle	5.2	12	6	19	80	10	40



Part Number	Description	Fixing Hole Diameter mm	Width mm	Hole / Pin Diameter mm	Pin Length mm	Length mm	Distance From Stock To Pin mm	Weight g
A4018-23	Rudder Gudgeon	5.5	23	8	-	135	18	87
A4018-35	Rudder Gudgeon	5.2	35	8	-	148	18	105
A4018-42	Rudder Gudgeon	5.2	42	8	-	143	18	105
A4018-45	Rudder Gudgeon	5.2	45	8	-	142	18	105
A4018-51	Rudder Gudgeon	5.2	51	8	-	140	18	105
A4018-54	Rudder Gudgeon	5.2	54	8	-	138	18	105
A4018C-38	Rudder Gudgeon	5.2	38	8	-	92	18	83
A4106	Rudder Gudgeon	4.8	38	8	-	110.9	18	126
A4318	Rudder Gudgeon	4.8	43	8	-	108.4	18	123

SAILMAKERS HARDWARE

Our Sailmakers Hardware range offers a comprehensive selection of fittings for dinghies and small yachts. From jib hanks and headboards to batten hardware, sail slides and snap blocks, each product is designed for performance, durability and ease of use.

Batten Hardware

In-house injection moulded nylon 6 and high quality 316 stainless steel batten protectors and batten end tensioners.



A.51



A.101



A.102



A.151



A.251



A.351



A.419S
A.419L



A.451



A.651



A.751



A.851



A.952-8
A.952-11



A.951-10
A.951-18



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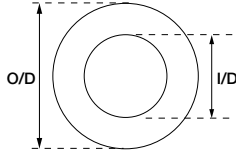
Part Number	Description	To Suit Batten Width mm	To Suit Batten Thickness mm	To Suit Batten Diameter mm	Length Overall mm	Width Overall mm	Thickness Overall mm	Weight g
A..51	Batten Protector With Stainless Steel Screws	27	5	-	46	20	10	7
A.101	Batten Compression Adjuster	14	9	-	71	28	20	8
A.102	Stainless Steel Batten Pocket Connector	-	10	-	66	18	-	47
A.151	Batten Protector With Brass Screws	34	4	-	47	10	9	3
A.251	Batten Protector With Brass Screws	60	7	-	85	15	13	13
A.351	Batten Protector With Stainless Steel Screws	40	5	-	64	30	10	11
A.419L	Batten Protector - Long	53	10	22	91	78	32	142
A.419S	Batten Protector - Short	42	6	15	70	63	25	80
A.451	Batten Protector With Stainless Steel Screws	25	6	-	43	34	16	13
A.651	Batten End Cap	14.5	6	-	33	28	10	20
A.751	Batten End Cap	20	7	-	20	32	10	6
A.851	Batten Protector With Stainless Steel Screws	23	5	-	64	35	10	15
A.951-10	Inboard Batten Adjuster	10	4	-	62	35	17	33
A.951-18	Inboard Batten Adjuster	19	6.5	-	64	42	20	45.8
A.952-8	Inboard Clam Shell Batten End	25	8	8	61.55	58	-	-
A.952-11	Inboard Clam Shell Batten End	25	11	11	61.55	58	-	-

Sail Shackles High quality in-house injection moulded nylon 6 sail shackles with either screw fixing or snap fixing.



Part Number	Description	Width mm	Length mm	Opening mm	Weight g
A.249	Slide Hank With Screws	52	21	-	4
A.349	Nylon Sail Shackle	13.5	26	4	1.8
A.449	Nylon Sail Shackle	24	45	7	3.5
A.549	Nylon Sail Shackle	28	53	6	6
A.649	Ring	46	60	5	8
A.749	Nylon Sail Shackle	18	36	9	3
A.849	Nylon Sail Shackle	19	39	9	4
A1049	Nylon Sail Shackle	62.15	5.5	15	6

Sail Ring Strong and light weight, in-house injection moulded nylon 6 sail rings.



Part Number	Description	Inside Diameter mm	Outside Diameter mm	Breaking Load Kg	Weight g
A..56	Nylon Sail Ring	13	22	50	0.3
A.156	Nylon Sail Ring	18	32	90	2.5
A.256	Nylon Sail Ring	22	37.5	130	4.5
A.356	Nylon Sail Ring	28	46.5	200	8

Thimbles

High quality in house injection moulded nylon 6 and 316 stainless steel thimbles for wire and rope suitable for 2mm to 18mm diameters.

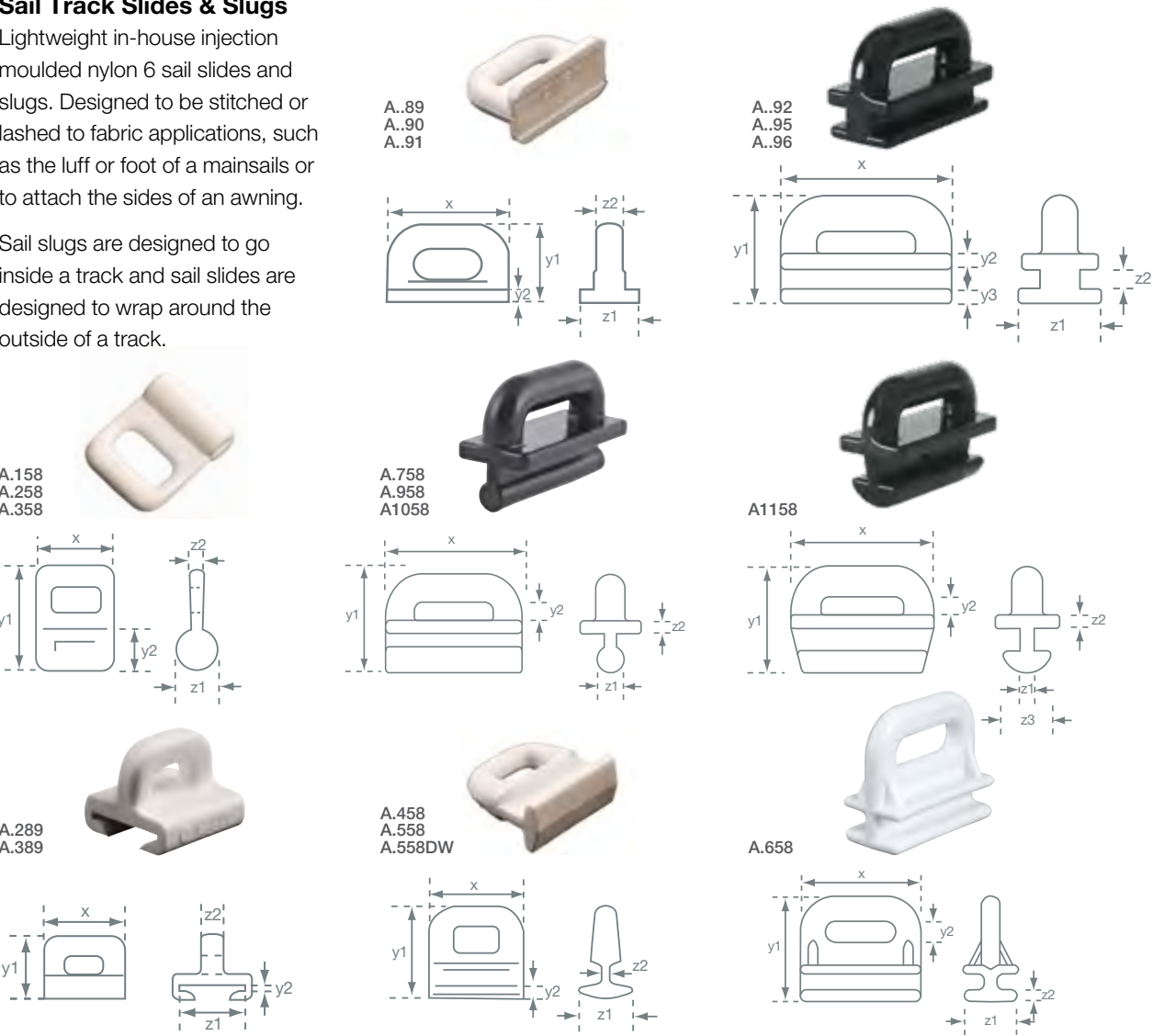


Part Number	Description	A mm	B mm	C mm	D mm	E mm	F mm	H mm	J mm	L mm
A.802	Nylon Thimble For 2mm Rope	12	7.3	4.9	8.8	1.9	2.9	2.1	1.1	0.4
A.803	Nylon Thimble For 3mm Rope	18	10.9	7.3	15.1	2.8	4.3	3.1	1.7	0.6
A.804	Nylon Thimble For 4mm Rope	24	14.5	9.8	17.5	3.8	5.8	4.2	2.3	0.8
A.805	Nylon Thimble For 5mm Rope	30	18.1	12.1	21.9	4.7	7.2	5.0	2.8	0.9
A.806	Nylon Thimble For 6mm Rope	36	21.8	14.6	26.3	5.6	8.6	6.1	3.4	1.1
A.808	Nylon Thimble For 8mm Rope	48	29.0	19.5	35.0	7.5	11.5	8.0	4.5	1.5
A.810	Nylon Thimble For 10mm Rope	60	36.3	24.4	43.8	9.4	14.4	10.0	5.6	1.9
A.812	Nylon Thimble For 12mm Rope	72	43.5	29.3	52.5	11.3	17.3	11.2	6.8	2.3
A.814	Nylon Thimble For 14mm Rope	84	50.8	34.1	61.3	13.1	20.1	13.4	7.9	2.6
A.818	Nylon Thimble For 18mm Rope	108	65.3	43.9	78.8	16.9	25.9	17.2	10.1	3.4
A6010	Stainless Steel Thimble For 2mm Wire Or Rope	20	17	9	12	-	-	3	-	1.0
A6011	Stainless Steel Thimble For 3mm Wire Or Rope	22	18	10	14	-	-	4	-	1.0
A6012	Stainless Steel Thimble For 4mm Wire Or Rope	25	20	11	16	-	-	5	-	1.2
A6013	Stainless Steel Thimble For 5mm Wire Or Rope	26	21	13	18	-	-	6	-	1.2
A6014	Stainless Steel Thimble For 6mm Wire Or Rope	32	27	15	20	-	-	7	-	1.5

Sail Track Slides & Slugs

Lightweight in-house injection moulded nylon 6 sail slides and slugs. Designed to be stitched or lashed to fabric applications, such as the luff or foot of a mainsails or to attach the sides of an awning.

Sail slugs are designed to go inside a track and sail slides are designed to wrap around the outside of a track.



Part Number	Description	Compatible With	X mm	Y1 mm	Y2 mm	Z1 mm	Z2 mm	Weight g	Breaking Load kg	MWL* kg
A..89	Internal Sail Slide	A.249 / A.349 / A.449 / A.549 / A.649 / A.749 / A.849 / A1049	32	21	4	15	7	4	250	100
A..90	Internal Sail Slide	A.249 / A.349 / A.449 / A.549 / A.649 / A.749 / A.849 / A1049	35	23	4	18	9	5	275	100
A..91	Internal Sail Slide	A.249 / A.349 / A.549 / A.749 / A.849 / A1049	39	25	5	21	8	8	500	150
A..92	Internal Sail Slide	A.349 / A.849 / A1049	45	27.65	2.84	17.9	4.23	13	300	150
A..95	Internal Sail Slide	A.349 / A.749 / A1049	45	26.9	3.1	15.3	4.23	12	400	250
A..96	Internal Sail Slide	A.349 / A1049	45	28.4	3.77	21.8	4.23	14	500	300
A.158	Sail Slug	A.249 / A.349 / A.449 / A.649 / A.749 / A.849 / A1049	22	29	9	8	3	2	100	50
A.258	Sail Slug	A.249 / A.349 / A.449 / A.649 / A.749 / A.849 / A1049	50	40	11	14	3	5	200	50
A.358	Sail Slug	A.249 / A.349 / A.449 / A.649 / A.749 / A.849 / A1049	22	30	12	12	3	3	120	50
A.758	Sail Slug	A.349 / A1049	45	35.15	4.23	11.60	5.75	14	500	250
A.958	Sail Slug	A.349 / A1049	45	32.45	4.23	8.90	5.75	12	400	250
A1058	Sail Slug	A.349 / A1049	45	30.75	4.23	7.3	5.75	10	300	250
A1158	Sail Slug	A.349 / A1049	45	33.55	4.23	4.40	5.75	14	600	250
A.289	External Sail Slide	A.349	23	20	2	18	6	4	75	40
A.389	External Sail Slide	A.349 / A.749 / A.849 / A1049	28	20	3	23	6	5	120	50
A.458	Internal Sail Slide	A.249 / A.349 / A.449 / A.649 / A.749 / A.849 / A1049	30	29	4	13.8	3	5	250	100
A.558	Internal Sail Slide	A.249 / A.349 / A.449 / A.649 / A.749 / A.849 / A1049	25	22	3	10.5	4	2	150	50
A.558DW	Internal Sail Slide	A.249 / A.349 / A.449 / A.549 / A.649 / A.749 / A.849 / A1049	41	21	3	10	5	-	140	30
A.658	Internal Sail Slide	A.249 / A.349 / A.449 / A.649 / A.749 / A.849 / A1049	39	34	4.2	17	3.8	10	350	150

*Maximum Working Load kg

Jib Hanks High quality in-house injection moulded nylon 6 jib twist on hanks (Patented). Ideal for connecting the luff of the jib to a forestay.

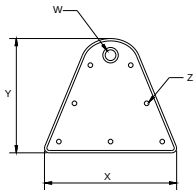


Part Number	Description	Forestay mm	Maximum Luff Wire mm	Weight g
A.144	Medium Jib Hank (Patent No: 881696)	4	5	2.66
A.144B	Small Jib Hank (Patent No: 881696) Black	4	5	2.66
A.244	Large Jib Hank (Patent No: 881696)	5	6	3.75
A.344	Small Jib Hank With Stainless Steel Screw	3	3	2.66

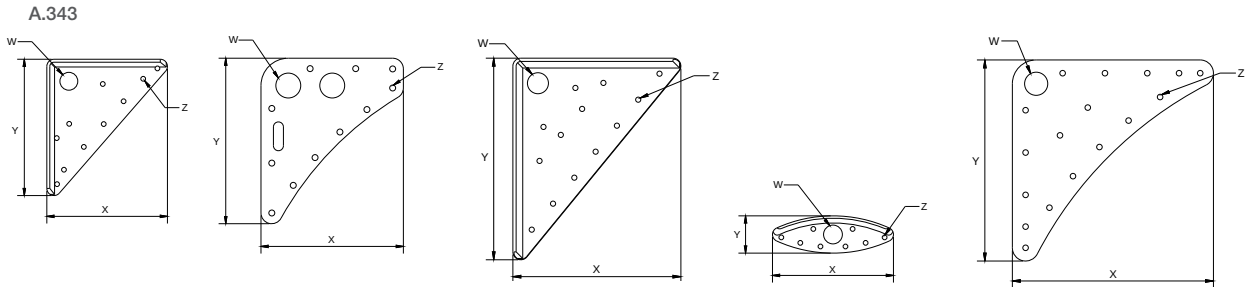
Luff & Cunningham Blocks



Part Number	Description	Sheave Size mm	Weight g	Length mm	Width mm
A.478	Nylon Cunningham Block With Acetal Sheave	22	16	80	30
A.886	Snap-On 3 Piece Nylon Luff Block	16	6	40	16



Sail Headboards
High quality in-house injection moulded nylon 6 sailmakers headboards.



Part Number	Description	W mm	X mm	Y mm	Z mm	Weight g
A.343	Spinnaker	9	110	95	4	18
A.543	Mainsail	16	110	115	4	14
A.575	Mainsail	21	120	140	5	32
A.643	Mainsail	16	126	150	4	25
A.743	Spinnaker	16	112	32	4	4
A.843	Headboard	17	152	152	4	-

SHACKLES

Our shackle range includes a wide variety of styles to suit all types of rigging and hardware setups. From forged, pressed and strip shackles to snap shackles and soft (textile) options, each is designed for strength, reliability and ease of use. Whether you're racing or cruising, you'll find the right solution in our UK-made range.

A5405C
Small D Shackle With Clevis Pin
Page 100

A5404C
XSmall D Shackle With Clevis Pin
Page 100

New

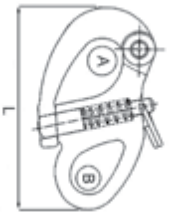
Shackles

Shackles

316 Stainless steel shackles are commonly used in the rigging and sailing systems for connecting different parts of the sail, lines, or hardware. 316 stainless is chosen for its strength, durability, and resistance to corrosion, ensuring the shackles can withstand the harsh marine environment. It's important to regularly inspect shackles for wear and tear to ensure the safety and reliability.



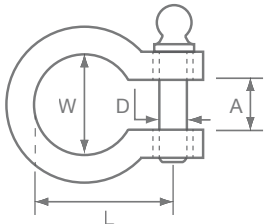
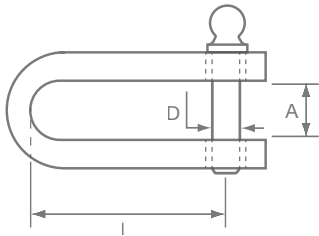
A-64000
A-64001



Snap Shackles

Snap shackles provide a fast and secure way to attach or release lines and hardware.

Part Number	Description	A mm	B mm	L mm	Breaking Load kg	Weight G
A-64000	Snap Shackle - Small	11	6	300	32	21
A-64001	Snap Shackle - Medium	12	10	1100	55	-



Forged Shackles

A range of forged stainless steel shackles, forged for the highest strength to size ratio.



A5405N



A5404S
A5405S
A5406S



A5404C
A5405C

Part Number	Description	L mm	A mm	D mm	Breaking Load kg
A5404C	D Shackle Extra Small With Clevis Pin	15	8	4	780
A5404S	D Shackle Extra Small	15	8	4	780
A5405C	D Shackle Small With Clevis Pin	18	11	5	1250
A5405N	D Shackle Narrow	18	6	5	1250
A5405S	D Shackle Small	18	11	5	1250
A5406S	D Shackle Medium	12	13	6	2500

Pressed Shackles

A range of 316 stainless steel pressed shackles designed specifically for dinghies and sportsboats incorporating strength and practicality.



A4929



A4728



A4348



A4528



A4148

Part Number	Description	L mm	A mm	D mm	W mm	Breaking Load kg	Maximum Working Load kg	Weight g
A4929	Pressed Shackle	9	11	5	-	300	250	6
A4728	Pressed Rigging Link Narrow	10	9	3	11	250	200	3
A4348	Pressed Shackle	14	13	5	14	1000	300	4
A4528	Pressed Rigging Link Narrow	15	11	5	13	900	300	7
A4148	Pressed Shackle	16	9	5	-	1000	500	7

Pressed Shackles



A4028



A4128



A4428



A4328



A4048



A4828



A1438



A4228



A4138

Part Number	Description	L mm	A mm	D mm	W mm	Breaking Load kg	Maximum Working Load kg	Weight g
A4028	Pressed Rigging Link Narrow	16	9	5	-	900	300	7
A4128	Pressed Rigging Link	18	8	5	-	700	300	7
A4428	Pressed Shackle	20	16	5	-	1000	300	7
A4328	Pressed Rigging Link Narrow	21	12	5	14	1000	300	9
A4048	Pressed Shackle	20	13	5	14	800	300	10
A4828	Bayonet Halyard Shackle	25	13	5	-	550	200	17
A1438	Pressed Shackle	27	18	6	19	1000	500	19
A4228	Large Pressed Rigging Link Narrow	29	8	5	13	1300	600	20
A4138	Pressed Rigging Link	31	13	5	-	800	300	14

Round Body Shackles

A range of 316 stainless steel round body shackles and bow shackles with a forged pin.



A-621104
A-621105
A-621106
A-621108
A-621110



A-622104
A-622105
A-622106
A-622108



A-623104
A-623105
A-623106
A-623108
A-623110



A-624105
A-624106
A-624108
A-624110

Part Number	Description	L mm	A mm	D mm	W mm	Breaking Load kg	Weight g
A-621104	D Shackle With Forged Pin	16	9	4	-	500	6
A-621105	D Shackle With Forged Pin	18	11	5	-	950	13
A-621106	D Shackle With Forged Pin	22	13	6	-	1500	24
A-621108	D Shackle With Forged Pin	32	16	8	-	2500	55
A-621110	D Shackle With Forged Pin	40	20	10	-	4100	109
A-622104	Bow Shackle With Forged Pin	20	8	4	13	500	8
A-622105	Bow Shackle With Forged Pin	23	11	5	17	950	15
A-622106	Bow Shackle With Forged Pin	27	14	6	21	1500	26
A-622108	Bow Shackle With Forged Pin	36	18	8	28	2500	59
A-623104	Long D Shackle With Forged Pin	32	8	4	-	500	9
A-623105	Long D Shackle With Forged Pin	40	10	5	-	950	20
A-623106	Long D Shackle With Forged Pin	48	12	6	-	1500	-
A-623108	Long D Shackle With Forged Pin	60	17	8	-	2500	73
A-623110	Long D Shackle With Forged Pin	80	20	10	-	3000	8
A-624105	Twisted Shackle With Forged Pin	33	11	5	-	950	16
A-624106	Twisted Shackle With Forged Pin	33	13	6	-	1500	28
A-624108	Twisted Shackle With Forged Pin	40	18	8	-	2500	65
A-624110	Twisted Shackle With Forged Pin	44	16	10	-	4100	-

Strip Shackles

A range of 316 stainless steel strip shackles designed for strength and practicality.



Part Number	Description	L mm	A mm	D mm	Breaking Load kg	Weight g
A6020	D Shackle With Standard Pin	15	10	4	500	4
A6022	D Shackle With Standard Pin	17	12	5	1000	8
A6023	D Shackle With Standard Pin	24	15	5	1000	15
A6024	D Shackle With Standard Pin	36	16	5	1200	16
A6027	Shackle With Key Pin	24	16	6	1200	16
A6028	D Shackle With Standard Pin	40	15	6	1200	25
A6035	D Shackle With Slotted Pin	15	10	4	500	4
A6037	D Shackle With Slotted Pin	17	12	5	1000	8
A6038	D Shackle With Slotted Pin	24	15	5	1000	14
A6039	D Shackle With Slotted Pin	36	16	5	1200	-
A6040	D Shackle With Slotted Pin	25	12	5	1200	10
A6045	Bow Shackle With Standard Pin	23	15	6	2000	-
A6046	Bow Shackle With Standard Pin	32	17	8	3000	39
A6047	Bow Shackle With Standard Pin	40	21	10	5000	-
A6060	Twisted Shackle With Standard Pin	22	12	5	1200	11
A6061	Twisted Shackle With Standard Pin	33	12	5	1200	15
A6062	Twisted Shackle With Standard Pin	36	14	6	2000	25
A6065	Shackle With Key Pin	17	11	4	600	4
A6066	Shackle With Key Pin	36	15	5	1200	12
A6067	Shackle With Key Pin	26	13	5	1200	15
A6069	Shackle With Key Pin	25	14	6	2000	-
A6075	Shackle With Key Pin And Extra Pin & Ring	12	23	5	700	14
A6076	Shackle With Key Pin And Extra Pin & Ring	15	33	5	700	17
A6077	Shackle With Key Pin And Extra Pin & Ring	14	23	6	1500	27
A6078	Shackle With Key Pin And Extra Pin & Ring	20	38	8	2000	49

Tii-Shackles

This simple and easy attachment system will save weight and give you more options for attaching blocks. Tii-Shackles feature an adjustable loop to make attachment quick and easy. Perfectly designed for use with our Tii-On blocks and Pad-Tii ranges.



Part Number	Description	For Use With	Length mm	Diameter mm	Breaking Load kg	Weight g
A15100	Tii-Shackle	A2020Tii, A2020Ti3	100	1.5	200	0.6
A20120	Tii-Shackle	A2022Tii, A2030Tii	120	2	200	1
A20140	Tii-Shackle	A2030Tii, A2032Tii	140	2	200	1.1
A25145	Tii-Shackle	A2032Tii, A2040Tii	145	2.5	300	1.5
A30160	Tii-Shackle	A2050Tii	160	3	400	2.6
A30230	Tii-Shackle	A2050Tii, A2060Tii	230	3	400	3.4
A40200	Tii-Shackle	A2060Tii	200	4	600	5.4

ACCESSORIES

This selection of sailboat accessories covers all the small but essential parts that make a big difference on the water. From burgees and wind indicators to hooks, trapeze hardware, clips, ball stoppers and splicing tools, each item is designed to enhance performance, reliability and ease of rigging.

A4561-6
1:1 6mm Wire Trapeze Ring
Page 109

New



Wind Indicators

Aerovane Wind Indicators - Light, responsive and balanced for accurate wind indication.
The Aerovane Mast Crane Adaptor is used to pair an A.171 with any tapped keelboat mast head crane.



Part Number	Description	Diameter mm	Length mm	Rod Length mm	Weight g
A..71	Aerovane - Mast Head Mounted	-	190	270	10
A..71M	Aerovane - Lower Mast Mounted	-	250	330	11
A..71R	Aerovane - Rail Mounted	25	190	270	15
A.171	Large Aerovane - Mast Head Mounted	-	250	330	35
A.171M	Large Aerovane - Lower Mast Mounted	-	250	330	37
A.172	Aerovane Adaptor	5/16 UNC	40	-	27
A..71R-CLAMP	Rail Mounting Clamp	25.55	64.06	-	53.2

Burgees

Fabric racing and cruising burgee. Mounted at the top of a mast to establish wind direction. Available in Blue, Red, Yellow and Pink.

Part Number	Description	Useable Length mm	Weight g
A.167ASS*10	10 Assorted Colours Racing Burgees	410	30
A.168ASS*10	10 Assorted Colours Racing Burgees With Short Rod	185	26
A.169ASS*10	10 Assorted Cruising Burgees	410	30
A.866	Burgee Mast Peg	-	1.2
A4066	Burgee Clip For Mast	-	9



A.866



A4066



A.167ASS*10



A.168ASS*10



A.169ASS*10

Inglefield Clips

Pressure die cast aluminium and in house injection moulded nylon clips for fastening two lines or shock cords together, such as flags or spinnaker bags.



Part Number	Description	Length mm	Breaking Load Kg	Max Working Load Kg	Maximum Rope Diameter mm	Thickness mm	Weight g
A..75	Small Clip (Flags)	26	39	20	5	7	2
A..74	Medium Clip (Spinnaker)	36	178	89	6	4	7
A..74M	Moulded Inglefield Clip	36	60	30	6	4	1
A.174	Large Clip (Spinnaker)	50	266	133	10	10	19



Tidy Clips

High quality in house injection moulded nylon 6 tidy clips to store your spinnaker pole, oars or other loose parts securely.

Part Number	Description	Tube Diameter mm	Base Size mm	Overall Height mm	Fixing Hole Size mm	Distance Between Fixings mm	Weight g
A.754	Extra Small Spring Clip	19	19 x 14 x 4	25	4	-	0.5
A.754W	Extra Small White Spring Clip	19	19 x 14 x 4	25	4	-	0.5
A.854	Small Spring Clip	22	22 x 16 x 5	29	3	8	2.5
A.854W	Small White Spring Clip	22	22 x 16 x 5	29	3	8	2.5
A.254	Medium Spring Clip	25	26 x 15 x 4	34	3	9	3
A.254W	Medium White Spring Clip	25	26 x 15 x 4	34	3	9	3
A.354	Large Spring Clip	32	30 x 18 x 4	46	4	11	7
A.354W	Large White Spring Clip	32	30 x 18 x 4	46	4	11	7
A.554	Extra Large Spring Clip	38	35 x 19 x 4	55	4	12	10
A.554W	Extra Large White Spring Clip	38	35 x 19 x 4	55	4	12	10
A.654	Jumbo Spring Clip	44	41 x 22 x 5	64	4	21	16

Hooks - Nylon

High quality in-house injection moulded nylon 6 hooks will suit a variety of different applications. Nylon Hooks are available in black, white, grey and orange.



Part Number	Description	Max Rope Diameter mm	Length mm	Weight g
A..59	Nylon 'Handy' Hook	4	38	2
A.259	Nylon 'Handy' Hook	6	47	5
A.359	Nylon Spring Hook	8	53	5
A.559	Nylon 'Handy' Hook	8	62	11
A.659	Nylon Spring Hook	6	53	10

Hooks - Stainless Steel

High quality formed and pressed 316 stainless steel hooks suitable for connecting a wide range of products, rope, wire etc. where the part needs to be readily removed either during or after sailing.



Part Number	Description	Max Rope Diameter mm	Length mm	Weight g
A4057	40mm Round Boom Outhaul Hook	-	90	33
A4069	Forged Twisted Hook	12	60	29
A4157	Spinnaker Uphaul Hook	4	54	9
A4159	'S' Hook	10	67	19
A4259	'S' Hook With Keeper	10	67	20
A4369	Hook With Nylon Retainer	6	60	16
A4459	Welded 'S' Hook With Keeper	10	61	27
A4659	Welded 'S' Hook	10	61	27
A4759	Welded 'S' Hook	12	67	32
A4869	Forged Hook	5	52	23
A4869K	Forged Hook With Keeper	5	52	24.1
A4969	Forged Twisted Hook	5	52	23
A731705	Carbine Hook	8	50	-
A731705-E	Carbine Hook With Eye	7.5	50	-
A731706	Carbine Hook	9	60	-
A731706-E	Carbine Hook With Eye	8	60	-
A731707	Carbine Hook	10	70	-
A731707-E	Carbine Hook With Eye	9	70	-
A731708	Carbine Hook	12	80	-
A731708-E	Carbine Hook With Eye	11	80	-
A731709	Carbine Hook	13	90	-
A731709-E	Carbine Hook With Eye	12	90	-
A731710	Carbine Hook	15	100	-
A731710-E	Carbine Hook With Eye	14	100	-
D92058	Twisted Stainless Steel Hook	8	55	25

Spare & Replacement Parts



Part Number	Description	For Use With	Width mm	Length mm	Fixing Hole Centres mm	Weight g	Outside Diameter mm	Inside Diameter mm
A.186	Sheave Cheek	A..86	30	32	14 x 25	4	600	1
A4903	Forestay Shield	-	-	-	-	15.4	74	20
ARBALL1/4D	Delrin Balls	Mainsheet Jammers	-	-	-	-	6.35	-
ARBALL1/4T	Torlon Balls	Low & Maxi Traveller Cars	-	-	-	-	6.35	-
ARBALL5T	Torlon Balls	Mini Traveller Cars	-	-	-	-	5	-
SA4374	Fairlead For Sliding Cars	A4274 Range	-	-	-	29	74 x 25	-
SA4574	Plunger Pin & Spring For Sliding Fairleads	A4274, A4474	-	-	-	-	5	-

Servicing Kit For A..77 Cam Cleat



Part Number	Description	For Use With	Width mm	Length mm	Fixing Hole Centres mm	Weight g	Outside Diameter mm	Inside Diameter mm
SA..76	Servicing Kit For A..76 Cam Cleat	A..76	-	-	-	-	-	-
SA..77	Servicing Kit For A..77 Cam Cleat	A..77	-	-	-	-	-	-
SA.676	Servicing Kit For A.676 Cam Cleat	A.676	-	-	-	-	-	-
SA.677	Servicing Kit For A.677 Cam Cleat	A.677	-	-	-	-	-	-

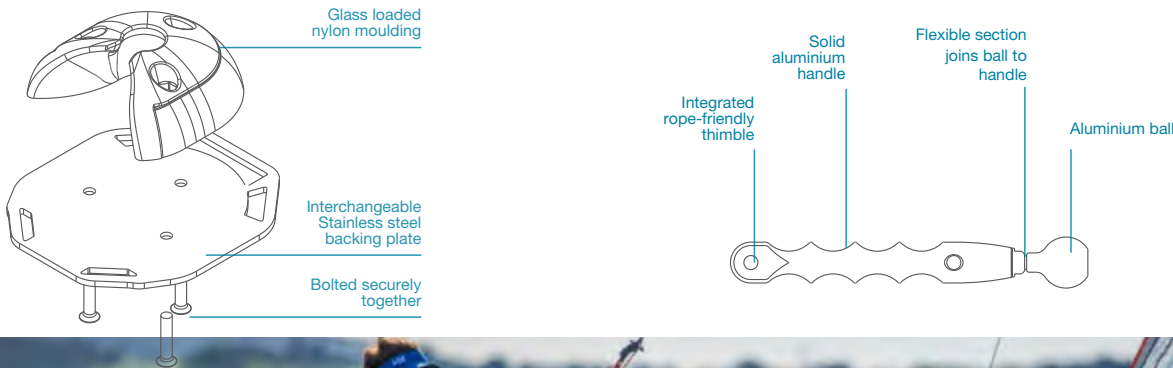
Vent Cover

Skin Fitting Vent Cover



Part Number	Description	Fixing Hole Diameter mm	Fixing Hole Centres mm	Height mm	Length mm	Width mm
A4037	Skin Fitting Vent Cover	4	48 x 43	15	56	18.3

Keyball Trapeze



Keyball Trapeze Equipment

Developed with Bethwaite Design, the Allen Keyball system replaces the traditional hook with a smooth, moulded socket for a safer, more intuitive trapezing experience. With no sharp edges or protrusions, it reduces the risk of entrapment and minimises damage to sails, decks, or hulls. Compatible with most harness options.



We can provide custom-designed or pre-made backing plates for most harness brands. For more information about the Keyball trapeze system, please contact our sales team.

Scan the QR code to read about the RS800 class trial of the Keyball harness.



Part Number	Description	Maximum Rope Diameter mm	Webbing Size mm	Length mm	Weight g
A4043	Keyball Trapeze System Handle (Pair)	5	-	160	141
A4043C	Keyball Trapeze System - Moulding	-	-	-	73
A4043N	Keyball Trapeze System - Moulding With Round Buckle Plate	-	45/20	-	456
A4043N-1	Keyball Trapeze System - Moulding With Square Backing Plate	-	45/20	-	305
A4043W-1	Keyball Trapeze System - Moulding With Wire Buckle	-	-	-	292
A4043W-40	Keyball Trapeze System - For Rooster Harness	-	45/20	-	406
A4043W	Keyball Trapeze System - Moulding With Wide Buckle Plate	6	45	-	372
ROOSTER-KEYBALL	Rooster Harness With A4043W-40	-	40	229.65	-

Trapeze Hardware

A carefully designed range of accessories for trapeze and harness systems.



Part Number	Description	Maximum Rope Diameter mm	Webbing Size mm	Length mm	Maximum Wire Diameter mm	Weight g
A..60OPT	Optimist Sprit Handle	5	-	54	5	13.9
A..60	Nylon Trapeze Handle 'T' Type	3	-	54	3	13
A..62	Trapeze Disc Handle	4	-	-	-	-
A4040	Trapeze Harness Buckle With Strap Adjusters	-	40	-	-	170
A4161LZ	Narrow Trapeze Ring With Plain Bearing Block	6	-	133	-	54
A4261	Wide Trapeze Ring With 20mm B/B Block And S/S Ring	2.5 - 6	-	137	-	68
A4461	5mm Wire Trapeze Ring	-	-	-	-	64
A4461-6	6mm Wire Trapeze Ring	-	-	-	-	90
A6180	Stainless Steel Trapeze Terminal With Eye	6	-	37.74	6	-
C253	Clam Cleat Trapeze M6 Ali Silver	4 - 8	-	89	-	46
C253A	Clam Cleat Trapeze M6 Anodised	4 - 8	-	89	-	46
PT230SSE	Rope Guide For C253	6	-	-	-	3.3
C834	Handle For C253	-	-	-	-	-
A4561-6	1:1 6mm Wire Trapeze Ring	10	-	117	-	-

Ball Stoppers

High quality in-house injection moulded polypropylene ball stoppers suitable for numerous applications. Available in 4 sizes and 8 colours red, blue, green, purple, yellow, black, white and grey. Also available to order in assorted colour packs.

A8411-2
A8411-3
A8411-4
A8411-6
A8411-8



A.271



Part Number	Description	Max Knot Diameter mm	Max Outside Diameter mm	Max Rope Diameter mm	Length mm
A.271	Black Tube Rope Stopper	13.3	16.75	5	17.3
A8411-2	Ball Stopper For 2mm Line	8	12	2	10
A8411-3	Ball Stopper For 3mm Line	11	16	3	13
A8411-4	Ball Stopper For 4mm Line	14	22	4	18
A8411-6	Ball Stopper For 6mm Line	18	30	6	25
A8411-8	Ball Stopper For 8mm Line	23	37	8	31

Boat Hook



Part Number	Description	External Diameter mm	Length mm	Weight g	Width mm
A.361	Moulded Boat Hook End	22	56	7	62

Rowlocks & Sockets

High quality in-house injection moulded nylon 6 rowlocks to suit oars from 38mm to 45mm. The rowlocks and sockets feature a locking mechanism to hold the rowlock in place. Available in Black and White.

A.290
A.290W



A.390
A.390W



A.291
A.291W



A.391
A.391W



A.391SC



A.392
A.392W



A.393



Part Number	Description	To Suit Oar Diameter mm	Fixing Hole Size mm	Rowlock Diameter mm	Fixing Hole Centres mm	Weight g
A.290	Small Nylon Rowlock	38	-	19	-	33
A.390	Large Gooseneck Nylon Rowlock	45	-	19	-	40
A.291	Small Nylon Rowlock Socket	-	5	19.15	51.2	11
A.391	Medium Nylon Rowlock Socket	-	4.5	19.1	47.7	20
A.391SC	Open Ended Nylon Rowlock Socket	-	4	19	49	20
A.392	Side Mount Nylon Rowlock Socket	-	4.5	19.5	38 & 55.5	35
A.393	Rowlock Socket Wedge For A.392	-	4.7	-	37.2 & 56.2	8

Toe Strap Plates & Buckles

Fixing plates for toe straps and stainless steel buckles for straps

A..99B
A..99G
A..99LG
A..99RB-CAN
A..99W



A.199



A..38
A..38W



A.138



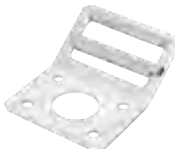
A.238



Part Number	Description	Fixing Hole Diameter mm	Length mm	Width mm	Thickness mm	Distance Between Fixing Hole mm	Inside Length mm	Weight g
A..99B	Toe Strap Plate Black	5	47	19	5	28	-	3.5
A..99G	Toe Strap Plate Grey	5	47	19	5	28	-	3.5
A..99LG	Toe Strap Plate Light Grey	5	47	19	5	28	-	3.5
A..99RB-CAN	Toe Strap Plate Royal Blue	5	47	19	5	28	-	3.5
A..99W	Toe Strap Plate White	5	47	19	5	28	-	3.5
A.199	Toe Strap Plate White	5	50	18	5.25	34	-	5
A..38	Lacing Strap Small	5	58	16	5	43	26	4
A..38W	Lacing Strap Small White	5	58	16	5	43	26	4
A.138	Lacing Strap Medium	5	66	16	5	51	35	5
A.238	Lacing Strap Large	5	74	16	5	58	48	7



A4030



A4050



A4099

Part Number	Description	Fixing Hole Size mm	Length mm	Width mm	Thickness mm	Distance Between mm	Inside Length mm	Weight g
A4030	Toe Strap Buckle Stainless Steel	-	57	38	2	-	-	24
A4050	Buckle And Fixing Plate	5	73	57	2	38 x 25	44	48
A4099	Toe Strap Plate Stainless Steel	5	51	16	2	28	-	9.5

Splicing Kit

4MMS.NEEDLE
5.5MMS.NEEDLE



S034L



A-CALIBRATION



Part Number	Description	Length mm	Diameter mm	Maximum Rope Diameter mm
4MMS.NEEDLE	4mm Splicing Needle	115	5	4
5.5MMS.NEEDLE	5.5mm Splicing Needle	120	6	5.5
A-CALIBRATION-S	Small Calibration Sticker - strip of 5	Coloured squares are 1cm. Total length from 1 to 10 is 10cm.		
A-CALIBRATION-M	Medium Calibration Sticker - strip of 5	Coloured squares are 2cm. Total length from 1 to 10 is 20cm.		
A-CALIBRATION-L	Large Calibration Sticker - strip of 5	Coloured squares are 3cm. Total length from 1 to 10 is 30cm.		

Race Packs

Race Packs

We produce an array of class specific upgrade packs, to make improving specific systems on one design boats super easy and cost effective. Some of our packs include high performance rope spicing, all done in house by our experienced rope technicians. To find out more detailed information and to see the full range of race packs, scan the QR code.



Part Number	Description	Parts Included
A8331	Dinghy Kicker Pack	SA.873, A5861, A4380F-HLK, A2023, Rope
A8332	Dinghy Downhaul And Outhaul Pack	A2020, A2021HK, A5849, A5848, A.222W, A..22W, Rope
ALLEN-OPTI-SPRIT-SYSTEM	Optimist Sprit System	A4068, A8606B, A..60OPT, A2030Tii
ALLEN-TERA-CUNNINGHAM	RS Tera Racing Cunningham Pack	A2030Tii, A2020, A8606
ALLEN-TERA-OUTHAUL	RS Tera Racing Outhaul Pack	A2020Ti3, A20140, A-64000, A30230
ALLEN-TERA-VANG	RS Tera Racing Vang Pack	A2020Ti3, A..87-20, A20401BFH-77
ALLEN-TOP-VANG	Topper Vang Pack	A20401F-77, A2030SC
ALLEN-TOP-OUTHAUL	Topper Outhaul Pack	A2020Ti3, A2020, A.222, A.122
ALLEN-TOP-CUNNINGHAM	Topper Cunningham Pack	A2024, A2025-677

Merchandise

ASAILINGGLOVE

Allen Pro-sailing glove. A professional half finger sailing glove with reinforced Amara on palm and fingers to protect your hands when pulling rope. Made from a high quality 4-way stretch breathable fabric. Double stitched for longevity. Neoprene cuffs give a super comfortable fit. Velcro strap for secure fit. We recommend hand washing in warm soapy water and allowing to air dry.



ALLSHAKEY Allen Shackle Key

What's more important, cracking open that first beer when you get ashore or getting the halyard shackle undone? Do both in seconds with the Allen shackle key which features: Flat head screwdriver - shackle key fits a wide range of shackle sizes, Bottle opener, Silicone keyring holder.



AHOODIE

The Allen Block Hoodie is designed to be give you ultimate comfort in the dingy park. Made from a premium fabric mix of 65% cotton and 35% polyester fleece for a soft feel against your skin whilst keeping you warm.

ADUFFLEBAG

The Allen 45L Kit Bag is your ultimate companion for all adventures. Designed specifically for sailors, this robust and spacious bag ensures you can carry all your essentials with ease and style.



AY Fittings

Fairleads

Handed, open and closed fairleads are ideal for leading mooring or control lines. Available in Black or Silver. Handed fairleads are available in left or right orientation. Please state which version you require when ordering.



AY7120A
AY7120C
AY7120D
AY7120E

AY7201A
AY7201C
AY7201E

AY7202A
AY7202C
AY7202D
AY7202E

Part Number	Description	Max Internal Width mm	Opening Distance mm	Length mm	Width mm	Height mm	Fixing Hole Centres mm	Fixing Hole Size mm
AY7120A-L / AY7120A-R	Handed Open Fairlead - Left / Right	36	11	86	15	25	67.5	5.2
AY7120C-L / AY7120C-R	Handed Open Fairlead - Left / Right	56	13.5	128	28	34	105	6.2
AY7120D-L / AY7120D-R	Handed Open Fairlead - Left / Right	61	15	145	29	40	105	8.2
AY7120E-L / AY7120E-R	Handed Open Fairlead - Left / Right	74	18	176	32	46	150	8.2
AY7201A	Open Fairlead	36	12.5	86	15	25	67.5	5.2
AY7201C	Open Fairlead	56	15	128	28	34	105	6.2
AY7201D	Open Fairlead	61	15	145	29	40	117	8.2
AY7201E	Open Fairlead	74	22	176	32	42	150	8.2
AY7202A	Closed Fairlead	36	-	86	15	25	67.5	5.2
AY7202C	Closed Fairlead	56	-	128	28	34	105	6.2
AY7202D	Closed Fairlead	61	-	145	29	40	117	8.2
AY7202E	Closed Fairlead	74	-	176	32	42	150	8.2

Round Sealed Portlight – Toughened glass sandwiched between a milled aluminium ring. Sealed and tested to ensure complete water tight fit when installed.

Part Number	Description	External Dia. mm	Fixing Depth mm	Fixing Hole Size mm	Thickness mm	Weight g
AY.872C	Round Sealed Portlight	222	15	5.2	23	0.9



Bulkhead Fairlead – Designed to be installed when you need to run large mooring lines through a bulkhead or any other part of a marine vessel.

Part Number	Description	External Width mm	Fixing Depth mm	Fixing Hole Size mm	Thickness mm	Width mm
AY.863A	Bulkhead Fairlead	108	12	4	32	60



AY FITTINGS

Our CNC-milled aluminium fittings offer a modern upgrade to the original YS cast range, delivering greater precision, consistency, and a high-quality finish for easier installation. Available in silver or black anodised finishes. For technical drawings visit www.allenbrothers.co.uk and search the part number.

For custom solutions contact: sales@allenbrothers.co.uk

AY Fittings

Deck Filler Cap – The cap features a retaining chain, so the cap cannot be dropped and lost overboard. Comes with colour coded inserts for Fuel, Diesel, Waste and Water. The cap is available with a winch handle star opening or a large flat cross section.

Part Number	Description	Tube Size mm	External Dia. mm	Fixing Hole Size mm	Cap Dia. mm	Depth mm
AY.812	38mm Deck Filler - Slot	38	86.5	7.5	50	62.7
AY.813	38mm Deck Filler - Star	38	86.5	7.5	50	62.7
AY.850	50mm Deck Filler - Star	50	94	7.5	54.3	71.5
AY.851	50mm Deck Filler - Slot	50	94	7.5	54.3	71.5



Toe Rail Spring Cleat – Designed to be fitted to the toe rail around the edge of the deck. Easily installed to the toe rail extrusion with the two nuts and bolts provided. Milled from marine grade aluminium and hard anodized Silver.

Part Number	Description	Horn Length mm	Horn Width mm	Fixing Hole Centres mm	Fixing Hole Dia. mm	Weight g
AY9185	Toe Rail Spring Cleat	200	32	150	8.2	519



Horn Cleats - Available in a variety of styles and fixing designs. Suitable for large dinghies and yachts. Available in Black or Silver.



AY7106A

AY7107B
AY7107C
AY7107E
AY7107F

AY7109A
AY7109B
AY7109C

AY7115A
AY7115B
AY7115C

AY7200A
AY7200B
AY7200C

Part Number	Description	Horn Length mm	Horn Width mm	Fixing Hole Centres mm	Fixing Hole Dia. mm	Feet Width mm	Height mm
AY7106A	Sheerline Cleat	246	24	95 x 45	6.2	118	69.8
AY7107B	Mast Cleat	112	21	26	5.2	22	22
AY7107C	Mast Cleat	156	28	30	6.2	30	28
AY7107E	Mast Cleat	200	30	35	6.2	32	34
AY7107F	Mast Cleat	255	38	45	10.2	40	42
AY7109A	Four Hole Cleat	156	28	40 x 46	8.2	68	38
AY7109B	Four Hole Cleat	200	36	55 x 56	8	80	48
AY7109C	Four Hole Cleat	265	42	75 x 74	8.2	100	50
AY7115A	Two Hole Cleat	156	29	48	6.2	31.59	33
AY7115B	Two Hole Cleat	180	32	54	6.2	34.58	36
AY7115C	Two Hole Cleat	200	36	59	6.2	37.7	40
AY7200A	Bottom Fixed Cleat	156	27	40	8	14	28
AY7200B	Bottom Fixed Cleat	200	35	55	8	18	35
AY7200C	Bottom Fixed Cleat	265	41	75	10	22	40

Handrail Bracket – These handrail brackets have been designed to suit a 25mm handrail tube. Ideal for creating a handrail on working boats and external building applications. Machined from marine grade aluminium and hard anodised in Silver. Available in Black on request.

Part Number	Description	Internal Dia. mm	Height to centre of handrail mm	Fixing Hole Size mm	Fixing Hole Centres mm	Width mm
AY.846A	Handrail Bracket End	25.50	50	4.6	17 x 46	32
AY.845A	Handrail Bracket Open	25.50	50	4.6	17 x 46	32



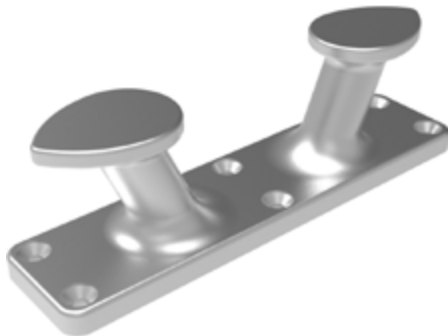
AY.846A



AY.845A

Raked Bollard – Large raked bollard for use on working boats, pontoons, or quays. Milled from marine grade aluminium and hard anodized Silver.

Part Number	Description	Horn Length mm	Horn Width mm	Fixing Hole Centres mm	Fixing Hole Dia. mm	Weight g
AY7112F	Raked Bollard	108	82	175 x 62	12.20	3420



AY Fittings

Stanchions – Designed to support lifelines or guardrails on the perimeter of a yacht. Turned from marine grade aluminium and available in a variety of sizes and shapes. For custom lengths please contact us.



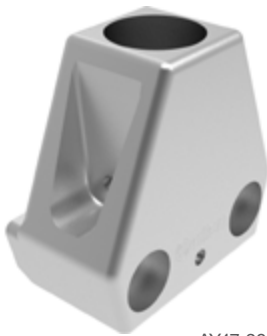
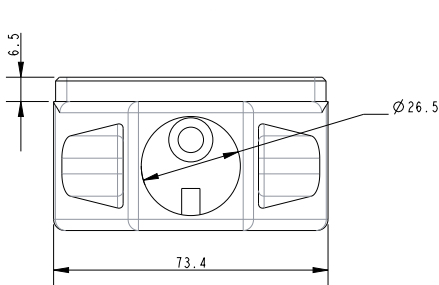
AY47H
AY47K



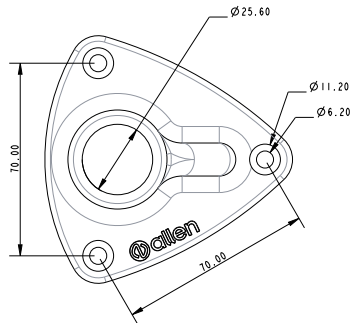
AY7165A
AY7165B
AY7165C
AY7165D

Part Number	Description	Total Length mm	Top Hole Height mm	Middle Hole Hight mm	Diameter mm	Fixing Hole Height mm	Fixing Hole Dia. mm
AY47H	Toe Rail Stanchion	610	597	343	25.4	25.4	4.8
AY47K	Toe Rail Stanchion	687	674	369	25.4	25.4	4.8
AY7165A	Tapered Stanchion	508	495.5	-	25.4	25	4.8
AY7165B	Tapered Stanchion	635	622.5	305	25.4	25	4.8
AY7165C	Tapered Stanchion	762	749.5	347	25.4	25	4.8
AY7165D	Tapered Stanchion	560	547	-	25.4	25	4.8

Stanchion Bases – Designed to support lifelines or guardrails on the perimeter of a yacht. Turned from marine grade aluminium and available in a variety of sizes and shapes. For custom lengths please contact us.



AY47-20



AY7157B

Part Number	Description	Inside Diameter mm	Fixing Hole Centers mm	Fixing Hole Size mm	Height mm
AY47-20	Toe Rail Stanchion Base	26.5	45.5	6.8	72
AY7157B	Buttress Stanchion Pot	25.6	70	6.2	62.5

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Product Code Index

PRODUCT CODE	PAGE
52802	60
4MMS.NEEDLE	111
5.5MMS.NEEDLE	111
A...3	63
A...6	71
A...6B	71
A...6H	71
A...8	71
A...8A	71
A...9	71
A...9B	71
A...9H	71
A..15	71
A..15B	71
A..16	71
A..16B	71
A..21	92
A..21SS	92
A..26-1	55
A..26-2	55
A..26-260	55
A..26-3	55
A..26-4	55
A..31	85
A..38	111
A..38W	111
A..39	57
A..40	57
A..40-12	57
A..45	34
A..46	35
A..51	95
A..52	66
A..54	85
A..56	96
A..59	106
A..60	109
A..60OPT	109
A..61	62
A..62	109
A..71	104
A..71M	104
A..71R	104
A..71R-CLAMP	104
A..74	105
A..74M	105

PRODUCT CODE	PAGE
A..75	105
A..76	38
A..76-496	38
A..77	38
A..77-497	38
A..80A	34
A..80B	34
A..81	45
A..82-10	28
A..82-14	28
A..82-8	28
A..83	35
A..84	35
A..85	34
A..86-6	34
A..86-8	34
A..87-15	28
A..87-20	28
A..87-25	28
A..87-30	28
A..87-35	28
A..87-50	28
A..87-75	28
A..87-90	28
A..89	97
A..90	97
A..91	97
A..92	97
A..93	32
A..93LZ	32
A..94	80
A..95	97
A..96	97
A..99B	111
A..99G	111
A..99LG	111
A..99RB-CAN	111
A..99W	111
A..101	95
A..102	95
A..119	34
A..120	78
A..123	60
A..124	45
A..129	67
A..130	45
A..131	85
A..132	82
A..134	67
A..134RB-CAN	67
A..135	62
A..136	55
A..136	53
A..138	111

PRODUCT CODE	PAGE
A..139	57
A..144	98
A..144B	98
A..146	45
A..147	81
A..148	62
A..150	34
A..150-6	34
A..151	95
A..152	66
A..153	67
A..154	85
A..155	60
A..156	96
A..158	97
A..167ASS*10	105
A..168ASS*10	105
A..169ASS*10	105
A..171	104
A..171M	104
A..172	104
A..174	105
A..178	32
A..178-74	32
A..178-74BB	32
A..178BB	32
A..179BBO	32
A..181	45
A..182	66
A..185	35
A..186	107
A..193	39
A..194	39
A..195	39
A..199	111
A..215	35
A..216	35
A..217	35
A..219	35
A..220	34
A..221	92
A..223	60
A..226-1	53
A..226-1000	53
A..226-2	53
A..226-222Black	53
A..226-230	53
A..226-330	53
A..226-5	53
A..229	67
A..232	82
A..238	111
A..239	57
A..244	98

PRODUCT CODE	PAGE
A..245	83
A..246	45
A..248	62
A..249	96
A..251	95
A..252	66
A..253	63
A..254	105
A..254W	105
A..256	96
A..257	85
A..258	97
A..259	106
A..262	65
A..271	110
A..278	32
A..278-74	32
A..278-74BB	32
A..278BB	32
A..281	45
A..282	66
A..282A	66
A..282RB-CAN	66
A..289	97
A..290	110
A..291	110
A..293	39
A..294	39
A..295	39
A..302	55
A..303	55
A..315	35
A..323	60
A..326-1	53
A..326-2	53
A..329	67
A..337	61
A..337-BAG	61
A..338	61
A..339	57
A..343	98
A..344	98
A..345	83
A..346	45
A..349	96
A..351	95
A..354	105
A..354W	105
A..356	96
A..357	85
A..358	97
A..359	106
A..360	84
A..361	110

PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE
A.363	84	A.519	92	A.751	95	A1377	26
A.378	32	A.519-10	92	A.754	105	A1378	26
A.378BB	32	A.520	92	A.754W	105	A1396	39
A.381	45	A.520-10	92	A.758	97	A1397	39
A.382	66	A.526-1	55	A.762	39	A1438	101
A.386	34	A.526-2	55	A.781	45	A15100	102
A.389	97	A.526TA	55	A.791	81	A1618	90
A.390	110	A.535	62	A.791-470SA	81	A1619	90
A.391	110	A.537	61	A.791SA	81	A1620	90
A.391SC	110	A.537-BAG	61	A.792-300-SIL	81	A1678	78
A.392	110	A.538	61	A.792-340-SIL	81	A1679	78
A.393	110	A.539	57	A.792-380-SIL	81	A1679-PIN	78
A.396	39	A.539-14	57	A.792-420-SIL	81	A1680	78
A.397	39	A.539A	58	A.792-460-SIL	81	A1681	78
A.402	55	A.543	98	A.792-500-SIL	81	A1682	78
A.403	55	A.549	96	A.792-ADJUSTER	81	A1685	78
A.419L	95	A.554	105	A.802	96	A1686	78
A.419S	95	A.554W	105	A.803	96	A1714	72
A.420	92	A.558	97	A.804	96	A1715	72
A.423	60	A.558DW	97	A.805	96	A1715-M24	72
A.424	60	A.559	106	A.806	96	A1737	61
A.435	62	A.575	98	A.808	96	A1785	93
A.439	57	A.588	39	A.810	96	A1837	61
A.439-14	57	A.593	39	A.812	96	A1886	34
A.439A	58	A.593-893	39	A.814	96	A1923	92
A.449	96	A.597	39	A.818	96	A1937	61
A.450	32	A.602	85	A.843	98	A20120	102
A.450A	32	A.612	34	A.849	96	A20140	102
A.451	95	A.613	34	A.851	95	A2020	9
A.452	66	A.614	34	A.854	105	A2020-30	12
A.454	91	A.619	92	A.854W	105	A2020-4035	11
A.455	32	A.622	23	A.866	105	A2020-4036	11
A.458	97	A.625	81	A.886	98	A2020-4036	11
A.464	84	A.626	55	A.893	39	A2020F	10
A.466	84	A.626-1	55	A.924	55	A2020HL	9
A.471	78	A.637	61	A.951-10	95	A2020HLSHK	11
A.471TOP	78	A.638	61	A.951-18	95	A2020LZ	11
A.472	84	A.643	98	A.952-11	95	A2020P	9
A.473	84	A.649	96	A.952-8	95	A2020P-4035	11
A.473-1	84	A.651	95	A.958	97	A2020P-4036	11
A.473-10	84	A.654	105	A.993	39	A2020PLZ	11
A.473-5	84	A.656	55	A1034	35	A2020PSC	11
A.473-C	84	A.656-UNANOD	55	A1049	96	A2020PSHK	11
A.473-S	84	A.658	97	A1058	97	A2020PTi3	9
A.478	98	A.659	106	A1086	34	A2020PTii	9
A.480	80	A.676	38	A1086B	34	A2020SC	11
A.481	45	A.676-496	38	A1086SP-B	34	A2020SHK	11
A.485	92	A.677	38	A1158	97	A2020Ti3	9
A.488	39	A.677-497	38	A1231	60	A2020Ti3HL	9
A.490	80	A.726-4	53	A1232	60	A2020Tii	9
A.493	39	A.736	53	A1375	26	A2020TiiHL	9
A.493-993	39	A.738	55	A1375-A4102	26	A2020WEB	9
A.496	39	A.743	98	A1375-S	26	A2020XHL	9
A.497	39	A.749	96	A1376	26	A2020XHL	16

PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE
A2021	11	A2030PF	10	A20401BF-77	19	A2077	45
A2021F	10	A2030PF-873	10	A20401BFH	19	A2086-4	34
A2021HK	11	A2030PLZ	11	A20401BFH-77	19	A2086-5	34
A2021HL	11	A2030PSC	11	A20401C	19	A2121	71
A2021P	11	A2030PSHK	11	A20401CB	19	A2121	15
A2021PHK	11	A2030R2	15	A20401CHL	19	A2121HL	15
A2021SC	12	A2030R3	15	A20401F	19	A2121HL	71
A2022	13	A2030SC	11	A20401F-77	19	A2121P	15
A2022A	13	A2030SHK	11	A20401FH	19	A2121P	71
A2022AHL	13	A2030Tii	9	A20401FH-77	19	A2122	71
A2022F	13	A2030TiiHL	9	A20401H	19	A2122	15
A2022HL	13	A2030XHL	16	A20401HL	19	A2122HL	15
A2022LZ	13	A2030XHL-BLACK	9	A20401S	19	A2122HL	71
A2022P	13	A2031	11	A20401S-2030	19	A2122P	15
A2022SC	14	A2031	11	A20401SLZ	19	A2122P	71
A2022SHK	14	A2031F	10	A20401SR	19	A2123	30
A2022Tii	13	A2031SC	12	A20401SRHL	19	A2123-677	30
A2022TiiHL	13	A2031XHL-873	10	A20402	19	A2123-77	30
A2022XHL	13	A2031XHL-873	16	A20402B	19	A2124	12
A2022XHL	16	A2032	13	A20403	19	A2126M	14
A2023	13	A2032A	13	A20403-77	19	A2131	71
A2023HK	14	A2032HL	13	A20403B	19	A2131	15
A2023XHL	13	A2032P	13	A20403B-77	19	A2131HL	15
A2023XHL	16	A2032Tii	13	A20404	19	A2131HL	71
A2024	14	A2032TiiHL	13	A2040Tii	19	A2131P	15
A2024-677	15	A2033	13	A2040TiiHL	19	A2131P	71
A2024A	14	A2034	14	A2040XHL	16	A2132	71
A2024AHL	14	A2034-676	15	A2040XHL	19	A2132	15
A2024F	14	A2034A	14	A2050	20	A2132HL	15
A2024HL	14	A2034HL	14	A2050C	20	A2132HL	71
A2024P	14	A2034P	14	A2050Tii	20	A2132P	15
A2025	14	A2035	14	A2052	20	A2132P	71
A2025-677	15	A2035-676	15	A2053	20	A2133	30
A2025P	14	A2035P	14	A2054	21	A2133-677	30
A2026	49	A2036	51	A2054HK	21	A2133-77	30
A2026	10	A2036	10	A2055	21	A2134	12
A2026HL	10	A2036HL	10	A2056	21	A2136M	14
A2026M	10	A2036M	10	A2057	21	A2136MHL	14
A2026MHL	10	A2036MHL	10	A2058	21	A21401	23
A2026P	10	A2036P	10	A2058	23	A21401B	23
A2026-PROFIX	49	A2036-PROFIX	51	A2059	21	A21403-77	23
A2027	15	A2037	15	A2060	20	A21403B-77	23
A2027NB	15	A2038	12	A2060C	20	A2143	30
A2028	12	A2038HL	12	A2060Tii	20	A2143-676	30
A2028HL	12	A2039	12	A2062	20	A2143-76	30
A2029	12	A2039BF	12	A2063	20	A2150	23
A2030	9	A2039-CAM	12	A2064	21	A2150C	23
A2030F	10	A2039-CAM-LDC	12	A2065	21	A2150FIDDLE	23
A2030F-873	10	A2039FIDDLE	12	A2066	21	A2151	23
A2030HL	9	A20401	19	A2067	21	A2159	21
A2030HLF	10	A20401-77	19	A2068	21	A2159	23
A2030HLF-873	10	A20401B	19	A2068	23	A2160	23
A2030LZ	11	A20401B-77	19	A2069	21	A2160C	23
A2030P	9	A20401BF	19	A2069B	21	A2160FIDDLE	23

PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE
A2160WAVE	23	A4018-42	93	A4098	91	A4239	57
A2161	23	A4018-45	93	A4099	111	A4241	80
A2169	21	A4018-51	93	A4102	77	A4245	83
A2169	23	A4018-54	93	A4106	93	A4246	45
A2290	62	A4018C-38	93	A4107	80	A4252	66
A2345	23	A4019	92	A4107S	80	A4255	60
A2345Tii	23	A4019S	92	A4114-1	78	A4258	85
A2360	23	A4020	92	A4114-2	78	A4259	106
A2360WAVE	23	A40200	102	A4114-3	78	A4260	77
A2423	31	A4020S	92	A4116	82	A4260-1	77
A2423P	31	A4024	74	A4117L	93	A4260-2	77
A2424	31	A4025	62	A4117S	93	A4261	109
A2424P	31	A4025S	62	A4120	92	A4265	32
A2433	31	A4028	101	A4121	92	A4272	74
A2433P	31	A4030	111	A4124	80	A4272-148	74
A2443	31	A4032	82	A4128	101	A4272S	74
A2443P	31	A4033	35	A4138	101	A4274	53
A25145	102	A4034	35	A4139	57	A4274-76	53
A30160	102	A4035	51	A4141	80	A4274TZ	53
A30230	102	A4035	65	A4141-5	80	A4276	65
A3086	34	A4035-6	65	A4142-6.5	82	A4279	24
A3210	76	A4036	65	A4142-HT	82	A4282	66
A3211	76	A4037	107	A4146	45	A4282RB-CAN	66
A3212	76	A4038	65	A4148	100	A4283	87
A3342	34	A4038-4	49	A4152	66	A4288	64
A3342-XHL	34	A4038-4	65	A4153	67	A4296	25
A3343	34	A4039	57	A4155	60	A4298	91
A3343-XHL	34	A4040	109	A4155KIT	60	A4298TOP	91
A4001E	62	A4041	80	A4157	106	A4301	33
A4001-EPS	62	A4042	82	A4159	106	A4302	69
A4001S	62	A4043	109	A4160	77	A4308	69
A4001W	62	A4043C	109	A4161LZ	109	A4308-LUFF	69
A4002	82	A4043N	109	A4171	62	A4314	84
A4003	63	A4043N-1	109	A4171S	62	A4314R	84
A4003F	63	A4043W	109	A4172	74	A4317	92
A4003H	63	A4043W-1	109	A4178	33	A4318	93
A4003M	63	A4043W-40	109	A4181	33	A4328	101
A4003MS	63	A4048	101	A4182	66	A4331	85
A4009C	78	A4050	111	A4184	84	A4332	82
A4009K	78	A4052	66	A4192	82	A4339	57
A4009K-10	78	A4057	106	A4196	25	A4348	100
A4009LZ	78	A4066	105	A4198	91	A4354	53
A4009LZ-10	78	A4068	25	A4202	77	A4360	74
A4016	82	A4069	106	A4203	82	A4369	106
A4017-23	93	A4073	64	A4203R	82	A4371	63
A4017-35	93	A4078	33	A4210	82	A4371L	63
A4017-42	93	A4080	33	A4216	82	A4372	74
A4017-45	93	A4081	33	A4222	77	A4376	65
A4017-51	93	A4086	34	A4225	62	A4377	65
A4017-54	93	A4086B	34	A4228	101	A4379	24
A4017-60	93	A4088	64	A4229-6	93	A4379HK	24
A4017C-38	93	A4088-6.5	64	A4229-8	93	A4379HK-90	25
A4018-23	93	A4089	53	A4232	82	A4382	66
A4018-35	93	A4092	91	A4233	83	A4388	64

PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE
A4393	25	A4555KIT	60	A4869	106	A5166	40
A4393HK	25	A4567	34	A4869K	106	A5166COMPACT	40
A4396	25	A4568	24	A4871	63	A5166DUAL-ARM	40
A4401	33	A4569	24	A4871X	63	A5166DUAL-ARM-COM-	40
A4413	82	A4570	24	A4872	74	A5196	91
A4416	82	A4571	63	A4876	42	A5197	91
A4417	82	A4572	74	A4886	34	A5198	91
A4417L	93	A4573	53	A4886-5	34	A5198BASE-M5NUT	91
A4417S	93	A4574	53	A4886B	34	A5206-60	75
A4420	92	A4575	53	A4898	91	A5208-15	75
A4420-4215-AP	71	A4587	53	A4903	107	A5208-9	75
A4420-4215-D	71	A4588	64	A4904LZ	77	A5229	93
A4420-4215-SP	71	A4590	53	A4905	69	A5266	40
A4428	101	A4591	53	A4907	69	A5266COMPACT	40
A4430-4716-AP	71	A4593	25	A4908	69	A5404C	100
A4430-4716-D	71	A4596	25	A4929	100	A5404S	100
A4430-4716-SP	71	A4599-S	82	A4950	85	A5405C	100
A4431	85	A4601	33	A4969	106	A5405N	100
A4438-5415-AP	71	A4659	106	A4972	74	A5405S	100
A4438-5415-SP	71	A4665	39	A4979	25	A5406S	100
A4438-5415-SS	71	A4665-LOW	39	A4986-6	34	A5506	90
A4438-5818-12-AP	71	A4668	24	A4986-8	34	A5507	90
A4438-5818-12-SP	71	A4669	24	A4988X	30	A5509	90
A4438-5818-12-SS	71	A4670	24	A4993	25	A5511	90
A4439	57	A4671	63	A5005	75	A5512	90
A4439-14	57	A4671XT	63	A5005-32	75	A5514	90
A4452	66	A4671XT-FT	63	A5006	75	A5519	90
A4459	106	A4673	63	A5007-40	75	A5521	90
A4461	109	A4675	39	A5007-50	75	A5525	90
A4461-6	109	A4679	25	A5008-26	75	A5847	39
A4466	42	A4693	25	A5014	65	A5848	38
A4471	63	A4696	25	A5014F	65	A5850	62
A4472	74	A4698	91	A5015	65	A5861	38
A4474	53	A4710	12	A5015F	65	A5866-76	42
A4474-76	53	A4728	100	A5017	65	A5866-77	42
A4475	26	A4759	106	A5052-10	67	A6010	96
A4479	25	A4761	39	A5052-12	67	A6011	96
A4488	64	A4766	42	A5052-4	67	A6012	96
A4490	54	A4771	39	A5052-6	67	A6013	96
A4491	54	A4772	74	A5052-8	67	A6014	96
A4491-1.2M	54	A4772DR	74	A5053-4	67	A6020	102
A4496	25	A4772DR-KIT	74	A5053-6	67	A6022	102
A4498	91	A4772HT	74	A5053-8	67	A6023	102
A4498TOP	91	A4772S	74	A5054-10	67	A6024	102
A4501	33	A4772S-6	74	A5054-12	67	A6027	102
A4512	63	A4772SDR-KIT	74	A5054-16	67	A6028	102
A4527	81	A4779	25	A5054-6	67	A6035	102
A4527-BARREL	81	A4786-10	34	A5054-8	67	A6037	102
A4527-BRACKET	81	A4786-6	34	A5098	91	A6038	102
A4527-SOCKET	81	A4786-8	34	A5105L	75	A6039	102
A4528	100	A4796	25	A5105S	75	A6040	102
A4539	57	A4798	91	A5106L	75	A6045	102
A4539-14	57	A4828	101	A5106S	75	A6046	102
A4555	60	A4840	92	A5107S	75	A6047	102

PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	PRODUCT CODE	PAGE
A6050	64	A-622106	101	A8439-7	58	A9151	73
A6051	64	A-622108	101	A8439-9	58	A9152	73
A6052	64	A-623104	101	A8539-13	58	A9153	73
A6060	102	A-623105	101	A8539-17	58	A9200	73
A6061	102	A-623106	101	A8539-21	58	A9214	49
A6062	102	A-623108	101	A8539-25	58	A9214-1	49
A6065	102	A-623110	101	A8539-29	58	A9214-2	49
A6066	102	A-624105	101	A8539-35	58	A9214-PS	49
A6067	102	A-624106	101	A8539-7	58	A9219	51
A6069	102	A-624108	101	A8539-9	58	A9219-1	51
A6075	102	A-624110	101	A8606	29	A9219-2	51
A6076	102	A-64000	100	A8608	29	A9219-PIN	51
A6077	102	A-64001	100	A8610	29	A9219-PIN-1	51
A6078	102	A7000	89	A8612	29	A9219-PIN-2	51
A6110	86	A7001	92	A8616	29	A9219-PS	51
A6112	86	A7002-1.0	90	A8639-10	59	A9250	73
A6114	86	A7002-1.1	90	A8639-6	59	A9251	73
A6116	86	A7002-1.2	90	A8639-8	59	A9252	73
A6132	86	A7002-1.3	90	A8739-10	59	A9603	29
A6134	86	A731705	106	A8739-18	59	A9604	29
A6136	86	A731705-E	106	A8739-6	59	A9605	29
A6138	86	A731706	106	A8739-8	59	A9606	29
A6140	86	A731706-E	106	A881310	59	A9608	29
A6152	86	A731707	106	A881610	59	AB1342	25
A6153	86	A731707-E	106	A8824	55	AB1506	87
A6154	86	A731708	106	A882525	59	AB1742	89
A6155	86	A731708-E	106	A892525	59	A-BAG-KIT	61
A6156	86	A731709	106	A893830	59	A-BOOM-BOLT	79
A6157	86	A731709-E	106	A9014	49	A-CALIBRATION-L	111
A6166	87	A731710	106	A9019	51	A-CALIBRATION-M	111
A6167	87	A731710-E	106	A9019-PIN	51	A-CALIBRATION-S	111
A6168	87	A7420	89	A9030	9	AFCP512	75
A6169	87	A7420L	89	A9030	16	AFCP515	75
A6170	87	A7420P	89	A9031-873	10	AFCP518	75
A6175	86	A7470	89	A9031-873	16	AFCP521	75
A6176	86	A8039	57	A9040	27	AFCP525	75
A6177	86	A8040-34	57	A9060	27	AFCP59	75
A6178	86	A8040-56	57	A9100	73	AFCP621	75
A6180	109	A8139	57	A9114	49	A-FINN-BOOM	79
A6185	87	A8239	57	A9114-1	49	AFPP266	75
A6186	87	A8331	112	A9114-2	49	AFPP266B	75
A6187	87	A8332	112	A9114-3	49	AFPP266C	75
A6188	87	A8339	57	A9114-Tii	49	ALLEN-OPTI-SPRIT-SYS-	112
A6200	87	A8411-2	110	A9114-Tii-90	49	ALLEN-TERA-CUNNING-	112
A6204	87	A8411-3	110	A9119	51	ALLEN-TERA-OUTHaul	112
A6208	87	A8411-4	110	A9119-1	51	ALLEN-TERA-VANG	112
A-621104	101	A8411-6	110	A9119-2	51	ALLEN-TOP-CUNNING-	112
A-621105	101	A8411-8	110	A9119-4	51	ALLEN-TOP-OUTHaul	112
A-621106	101	A8439-13	58	A9119-5	51	ALLEN-TOP-VANG	112
A-621108	101	A8439-17	58	A9119-5-LONG	51	A-OK-BOOM	79
A-621110	101	A8439-21	58	A9119-Long	51	ARBALL1/4D	107
A6212	87	A8439-25	58	A9119-Tii	51	ARBALL1/4T	107
A-622104	101	A8439-29	58	A9119-Tii-90	51	ARBALL5T	107
A-622105	101	A8439-35	58	A9150	73	ASP4109	78

PRODUCT CODE	PAGE	PRODUCT CODE	PAGE	NOTES
ATii-LOCK-40	19	C253A	109	
A-VANG-LEVER	79	C257	44	
AY.812	116	C270A	44	
AY.813	116	C834	109	
AY.845A	117	D92058	106	
AY.846A	117	F630L	75	
AY.850	116	L-CLS-M-300	27	
AY.863A	115	L-CLS-XXL-300	27	
AY.872C	115	PT230SSE	109	
AY47-20	118	ROOSTER-KEYBALL	109	
AY47H	118	SA..76	107	
AY47K	118	SA..77	107	
AY7106A	116	SA..94	80	
AY7107B	116	SA.312	82	
AY7107C	116	SA.676	107	
AY7107E	116	SA.677	107	
AY7107F	116	SA.737	61	
AY7109A	116	SA.837	61	
AY7109B	116	SA.873	82	
AY7109C	116	SA2021SC	77	
AY7112F	117	SA4374	107	
AY7115A	116	SA4574	107	
AY7115B	116	SA4904LZ	77	
AY7115C	116	SA9040	27	
AY7120A-L / AY7120A-R	115	SA9060	27	
AY7120C-L / AY7120C-R	115			
AY7120D-L / AY7120D-R	115			
AY7120E-L / AY7120E-R	115			
AY7157B	118			
AY7165A	118			
AY7165B	118			
AY7165C	118			
AY7165D	118			
AY7200A	116			
AY7200B	116			
AY7200C	116			
AY7201A	115			
AY7201C	115			
AY7201D	115			
AY7201E	115			
AY7202A	115			
AY7202C	115			
AY7202D	115			
AY7202E	115			
AY9185	117			
C211M1	44			
C211M1A	44			
C211M2	44			
C211M2A	44			
C211MK2/S2	44			
C211MK2/S2AN	44			
C217M1	44			
C217M1A	44			
C253	109			

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