



## COMPANY PROFILE

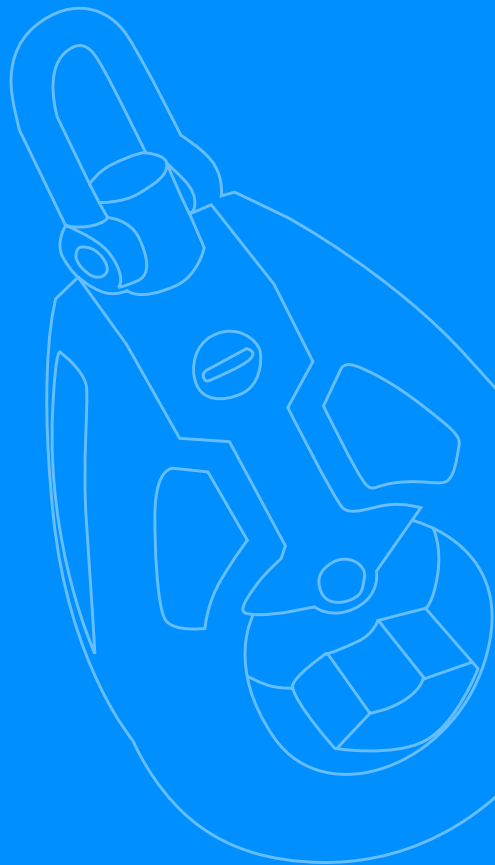
Holt has been a leading pioneer in sailboat hardware for over 50 years. Inspired design and innovation has led the Holt range breaking the mould of conventional deck hardware, creating the highest performance equipment available.

With so many keen, championship-winning sailors working for Holt, the feedback on products and ideas is constant. Internal research combined with information from Team Holt sailors gives the company a real insight in the way the sport will develop and performance further increased. The Team Holt programme has allowed the company to amass a wealth of knowledge and many great ideas for future product developments.

*"60 years of small boat innovation has brought with it a wealth of product knowledge. We now have a complete range of products that enables us to supply complete fit outs on boats from the smallest dinghy to performance Sport Boats. This has enabled the company to grow beyond it's native shores and the early pioneering boat designs to supplying over 75% of the world's small sailboat builders."*

*The design team has got a great feel for the types of products sailors want. This combined with the active participation of our sales team in the sport, puts us in a unique position to be able to develop our product range in such a hands on manner."*

Chadwick Beecher-Moore - Managing Director



# TEAM HOLT

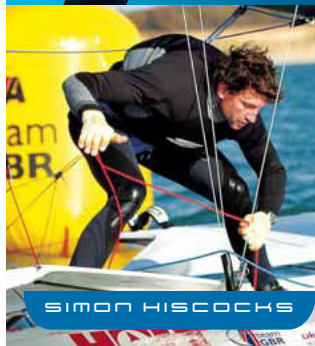


ROB GREENHALGH

2003 Int 14 and  
2004 18ft

"A typical spinnaker halyard block rotates 300 times in 4 seconds during a spinnaker hoist on an 18 footer, now performance is as important as a blocks safe working load. Thankfully Holt's Dynamic Bearing System combines lightweight, strength and performance you can rely on."

ROB GREENHALGH



LUKE PATIENCE

420 National Champion

"The 20mm triple block with cleat is perfect for the 420 rig adjustment."



LUKE PATIENCE

SIMON HISCOCKS

2003 49er World Champion

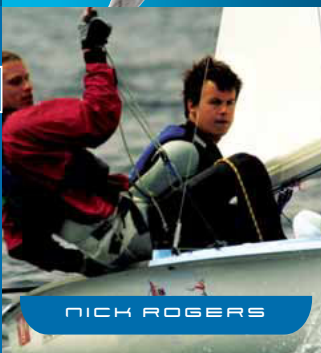
"Hoisting the 49er kite you need confidence, Holt blocks give you that."



NICK ROGERS

470 Silver medalist Athens 2004

"I use the Holt adjustable carbon fibre tiller extension, it's light, stiff and it's easy adjustment gives me finger tip control!"



NICK ROGERS



# 60 YEARS

This season Jack Holt Ltd celebrates 60 years of trading in the marine business. It was back in 1945 that Jack Holt and Beecher Moore set up a partnership to design and build a new breed of sailing dinghy. The Merlin Rocket, as it became known, soon became the fastest racing dinghy around and showed the innovative potential of the new partnership. The company established itself in Putney, from where its influence began to stretch worldwide.

The success of the Merlin inspired Yachting World to commission Jack Holt to design and build a new low cost dinghy that would allow children to enjoy sailing.

Built using a plywood chine construction the Cadet began a revolution in sailing, reducing the cost while broadening the sports appeal. The GP14, which followed in 1950, was the first boat to be sold in kit form. These new boats made sailing available to more and more people. The dinghy market was expanding rapidly, however, all the fittings had to be custom made for each boat builder in the small quantities they required. Jack and Beecher found this very frustrating, often finding it very difficult to obtain the type and quality of fittings they needed. It was not until the early 1950's and the development of the International Enterprise that the idea of making dinghy hardware on a commercial basis came about.

Jack and Beecher were inspired by Glen and Tony Allen, Essex based engineers with a passion for sailing, who produced a small amount of dinghy equipment in their spare time. It was quickly agreed that the Allen Brothers would make a range of die cast 'alloy' fittings for Holt. This was a revolutionary step moving away from the old standard of heavy cast bronze hardware.

Initially they supplied these new fittings on their own boats but word of the lighter, more efficient hardware quickly spread and they soon found there was a great demand for their products. The hardware side of the business was so successful that it quickly overshadowed the boat building division. The Holt range now runs to well over 1,000 items and is probably the most comprehensive available.



1960's



1970's



1980's

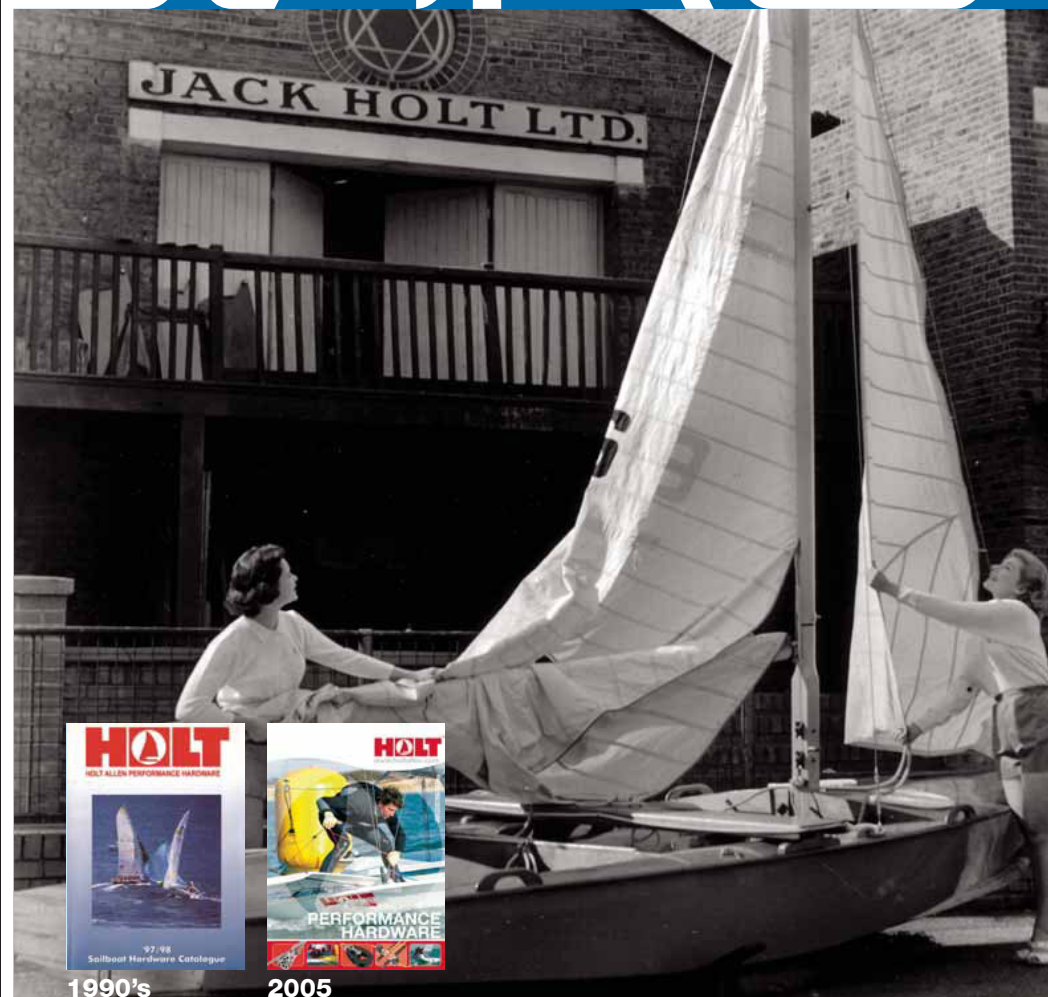


1990's



2005

Quality and innovation has been the key throughout the history of Jack Holt Ltd. In this way we have kept the company at the forefront of the market. Today we are as active as Jack, Beecher, Tony and Glen were in the pioneering days of the post war era. Working with the worlds top sailors and designers we are constantly creating new fittings while updating existing products to meet the demands of modern sailing.



## BREAKING NEWS

Find out about the latest innovations from the Holt design team with new product previews and test reports. News and reviews from sailors and events that Holt supports around the world.

## NEW PRODUCTS

Using the easy drop down menus to find the products you are looking for. Full technical information is available. A fast and effective tool whether you're looking to order or spec. a new boat.

## STOCKISTS

With easy to use area maps detailing the full address and contact numbers as well as a guide to the range of the Holt products stocked. You also have the option of sending an email or visiting their website.

## DOWNLOADS AND GAMES

It's not all products! There are screensavers to download, video footage and games. Ideal for when you need a break in your busy day after you've looked at the breaking news, checked out the latest products and found your local stockist.

# WWW.HOLTALLEN.COM

## The Full Ranges

The full Holt product range is available online, including the full range of Marine Pre-Packs® and YS Fittings®. We also have direct links to the brands we distribute including Clamcleat® rope cleats, Tacktick Wireless Electronics, PSP Tapes and SARCA Anchors.

## EASY TO USE

The site has been specially designed without the need for specialist knowledge or part numbers. Straightforward drop down menus allow you to navigate to the types of products your looking for or simply type a key word in the search box and the pages come to you!

Holt product development is continuous 365 days a year. To stay up to date then check out the Holt website next time your on-line.

# NEW HOLT PRODUCT

## NEW PROFLAG SEE PG 68



- » Aerodynamic profile
- » Racing & cruising versions
- » Bright coloured assorted flags
- » Fits standard HA4066 mast flag clip

## NEW 60MM DYNAMIC BLOCKS SEE PG 18



- » Light and strong
- » Carbon composite construction
- » Dynamic bearing system
- » Pro-Lock swivel head

## NEW PRO-RATCHET SEE PG 20



- » Switch ratchet operation
- » Carbon composite construction
- » Cheek adaptor allows either port or starboard mounting
- » Ideal for mainsheet, jib & spinnaker sheet systems

## NEW PRO-BUNG SEE PG 58



- » Standard size to fit popular dinghies
- » Ring end (fits on key rings)
- » 'O' ring sealed
- » Easy screw head

## NEW HA826 BEAM TRACK SEE PG 54/57



- » High Grade aluminium
- » Rigid support profile
- » Compatible with HA4489 car range
- » Ideal for mainsheet/self tacking jib systems

## NEW HOLT PERFORMANCE ROPE SEE PG 81



- » Quick & easy to splice
- » UV and abrasion coated
- » Lightweight
- » High strength

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## CONTACT DETAILS

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Friday 09.00 - 16.00

**Incorporating**  
MARINE PRE-PACKS & YS FITTINGS  
Distributors for: Clamcleat® rope, cleats,  
PSP marine tapes, Sarca,  
Tacktick compasses.

**Please note**  
Photographs and illustrations are not to scale unless specified. Always refer to technical data charts for accurate dimensions. If you do not see what you are looking for please contact the technical team at head office for assistance.

**Warranty**  
Jack Holt Ltd warrants its products in normal usage to be free of defects in materials and workmanship for a period of three years from date of purchase by the original purchaser, subject to our published terms, conditions, limitations and exceptions. Any part which proves to be defective in normal usage within that 3 year period will be repaired or replaced by Jack Holt Limited. This warranty covers all products depicted in this catalogue. Jack Holt Ltd reserve the right to alter design and specification without prior notice.

**Catalogue**  
Design and production  
www.completelydigital.com  
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Photography  
www.completelydigital.com  
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WELCOME TO HOLT  
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HOLT WEBSITE  
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SHEAVES

**HOLT CLEATS**  
CAM CLEATS  
CLEAT ACCESSORIES  
ULTRA PRO-LEADS/PRO-LEADS  
MINI CAM CLEATS  
WIRE FRAME SWIVEL BASE  
BULLS EYE SWIVEL CLEATS  
CONTROL LINE SWIVEL CLEATS  
'V' & OPEN CLEATS

**HOLT MAST ACCESSORIES & RIGGING**  
STAY ADJUSTERS  
FAST PINS  
GOOSE NECKS  
MAST & BOOM FITTINGS  
MAST TANGS & 'T' TERMINAL PLATES  
HALYARD LOCK & HOOK RACKS  
MIRROR MAST & BOOM FITTINGS  
SPREADER FITTINGS  
STRUTS, LEVERS & MUSCLE BOXES  
HIGHFIELD LEVERS  
'U' BOLTS  
BOOM SLIDES  
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NYLON JIB STICK &  
SPINNAKER POLE ENDS  
SPINNAKER & JIB STICK MAST BRACKETS  
TRAPEZE EQUIPMENT  
FURLING GEAR & SWIVEL CONNECTORS  
NYLON MAST & TUBE FITTINGS  
THIMBLES & SHACKLES  
SCREWS, STUDS & BOLTS  
FORK, EYE & T TERMINALS

**Disclaimer**  
This catalogue has been produced with information correct at time of print. Holt reserves the right to change technical specifications at any time without giving notice.

**02.03** NEW 470 PRODUCT  
**04.05** RECIROCLING BALL TRAVELLERS PRODUCT  
**06.07** SLIDING SHEET LEADS  
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STAINLESS STEEL LACING EYES  
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TRANSON PINTLES & GUDGEONS  
RUDDER PINTLES & GUDGEONS

**HOLT ACCESSORIES**  
BURGEES & FLAGS  
WINTEC  
INGLEFIELD CLIPS  
BALL STOPPERS  
HOLT BUOYANCY BAGS  
WINCH HANDLES  
'HANDY' HOOKS & NYLONS SPRING HOOKS  
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HOOKS  
SPRING CLIPS  
SNATCH FAIRLEADS & LACING HOOKS  
STAINLESS STEEL NARROW FORGED SHACKLES  
STAINLESS STEEL RIGGING LINKS  
STAINLESS STEEL POLISHED FORGED SHACKLES  
STAINLESS STEEL SPRINGS  
NYLON SAIL & TRACK SLIDES & SLUGS  
NYLON SAIL SHACKLES & RINGS  
SAILMAKERS HARDWARE  
SAIL HEADBOARDS  
PLASTIC THIMBLES  
SAIL RINGS  
PRO-LUBE  
PERFORMANCE ROPE

**MERCHANDISING**  
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HIGHER & FASTER

## THE HOLT GROUP

Holt is primarily known for its range of small boat hardware but there's much more to Holt. Within the Holt group are YS Fittings and Holt Distribution of top brand essentials.

To request a copy of the other brochures please contact Holt. Or use our easy and fully up to date website [www.holtallen.com](http://www.holtallen.com)



**HOLT RETAIL BROCHURE**  
Concise guide to Holt performance fittings. Popular sailboat hardware for boats up to 9 metres displayed in this mini catalogue.



**HOLT PERFORMANCE HARDWARE**  
The main performance catalogue, which you are reading, shows in detail technical information for the complete range of Holt fittings. For quick reference to the most popular items the Holt retail brochure is a good tool.



**HOLT DISTRIBUTION**  
Distribution of top brand essentials to marine trade businesses includes Holt Marine Pre-Packs, Tacktick, PSP Tapes, Clam cleat and SARCA Anchors. The complete range is available to view in it's own catalogue.



**YS MARINE FITTINGS**  
YS fittings are a range of high marine grade aluminium and stainless steel fittings for sail and powerboats. These are available from retail outlets and seen on the most popular boats in the World. A new complete catalogue of the range is available from January 2005.



## 60mm

Holt blocks have just got a 'hole lot bigger!' This the latest in the Dynamic blocks has broken the mould in terms of composite engineering. Manufactured from metal replacement carbon composite material the performance of this block is outstanding. The largest of the Dynamic range (so far!) this block was developed for mainsheet and spinnaker systems for sports boats up to 9 metres.



## 20mm

Holt's new 20mm Micro block range shares principles incorporated in the 40mm dynamic bearing system.

- Cold forged side straps with Holt's rope-kind head detailing. The narrow strap also allows excellent articulation.
- Lightning holes reduce weight and allow easy access to flush the stainless steel bearing system.
- Large central hole enables line to be tied through for cascade or other purchase systems; this negates the need for an additional becket.
- The recessed 6mm rivet provides greater strength in the critical bearing area.



## 30mm

The 30mm Dynamic blocks offer unrivalled performance, setting a new standard. Its design maximises efficiency under load with the Dynamic bearing system enhanced with a lightweight yet durable exterior.

The cold forged radiused head increases articulation and allows rope friendly connection. This comprehensive range is ideal for mainsheet systems; kicker system and sheet/halyard lead applications.



## 40mm

Dynamic tests show these blocks have the bearing performance of an equivalent 50mm delrin ball bearing block.

Ideal for mainsheet systems, spinnaker launch and retrieval systems and lead blocks for asymmetric spinnakers on boats up to nine metres.

- Cold forged soft radiused head.
- Anchor formed fixing point reduces rivet size.
- Stainless steel dynamic inner bearing.

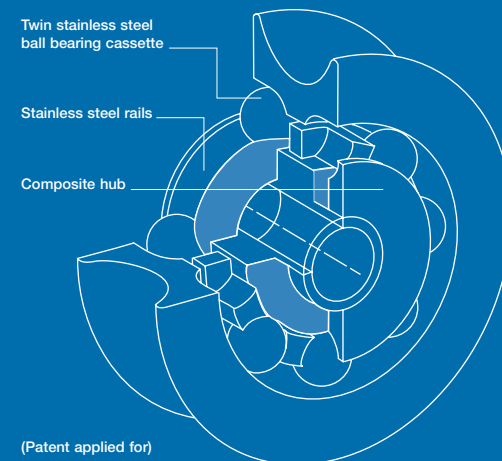


# BLOCK

## THE DYNAMIC BEARING SYSTEM

**Holt Dynamic Bearing (Patent applied for)**  
The new HOLT DYNAMIC BEARING is so brilliantly simple the only question is why we didn't think of it sooner. Inserting a stainless steel rail into a composite bearing you gain a huge increase in working efficiency with the smallest possible increase in weight.

It is in the larger diameter blocks that the new Holt Dynamic Bearing really comes into its own. The unique rail system allows the most weight efficient construction without compromise to working efficiency. In our dynamic load test the new Holt Dynamic Bearing out-performed all other configurations tested by 50% or more!





## 20MM DYNAMIC BLOCKS

Holt's new 20mm Micro Block range shares principles incorporated in the 40mm dynamic bearing system.

- > Cold forged side straps with Holt's rope-kind head detailing. The narrow strap also allows excellent articulation.
- > Lightning holes reduce weight and allow easy access to flush the stainless steel bearing system.
- > Large central hole enables line to be tied through for cascade or other purchase systems; this negates the need for an additional becket.
- > The recessed 6mm rivet provides greater strength in the critical bearing area.

### TECHNICAL

Sheave: Dia - 20mm Width - 7mm  
Material: Acetal resin  
Cheeks: Glass filled nylon with  
316 stainless steel straps  
Axle: 316 stainless steel



### RANGE



HA2020



HA2020LZ



HA2026



HA2021



HA2021HK



HA2021F



HA2021SC



HA2022



HA2023



HA2024



HA2025



HA2027



HA2026-PROFIX



HA5404S



HA4968



HA4251



HA4502



HA4710



HA4450G



HA4756



HA4451

Description	Part No.	Length (mm)	Line Dia. (mm)	Shackle Pin Dia. (mm)	Breaking Load (kg)	Max Dynamic Load (kg)*	Weight (g)
20mm Dynamic block	HA2020	37	2.5 - 6	—	540	115	11.1
20mm Dynamic block with lacing eye	HA2020LZ	41	2.5 - 6	—	520	115	15.4
20mm Dynamic cheek block	HA2026	45	2.5 - 6	4	350	115	15.3
20mm Dynamic multi function block	HA2021	35	2.5 - 6	—	350	115	11.5
20mm Dynamic block with hook	HA2021HK	60	2.5 - 6	—	165	115	17.1
20mm Dynamic block with fork head	HA2021F	48	2.5 - 6	4	350	115	15.2
20mm Dynamic block with shackle swivel head	HA2021SC	49	2.5 - 6	4	350	115	15.4
20mm Dynamic double block	HA2022	49	2.5 - 6	—	500	200	31.6
20mm Dynamic double block & becket	HA2023	61	2.5 - 6	—	500	225	33.5
20mm Dynamic triple block	HA2024	51	2.5 - 6	—	650	300	47.9
20mm Dynamic triple block & becket	HA2025	66	2.5 - 6	—	650	320	52.9
20mm Dynamic triple block, cleat & becket	HA2027	79	2.5 - 6	—	650	320	86.9
20mm Cheek adaptor for HA2021	HA2026-PROFIX	—	—	—	—	3.8	—
20mm Shackle head for HA2021	HA5404S	15	—	4	780	—	4.4
20mm Micro 'flip flop' block	HA4968	30	4 - 6	—	350	105	19
20mm Micro through deck block	HA4251	33	4 - 6	—	350	105	19
20mm Micro upstand block	HA4502	33	4 - 6	—	350	105	22
20mm Micro through deck block	HA4710	34	4 - 6	—	350	105	19
20mm Micro double with swivel head	HA4450G	68	4 - 6	5	350	105	46
20mm Micro fiddle block with swivel fork terminal	HA4756	95	4 - 6	5	—	—	55
20mm Micro through deck block	HA4451	66	4 - 6	—	350	105	20

## 30mm DYNAMIC BLOCKS

The 30mm Dynamic blocks offer unrivalled performance, setting a new standard. Its design maximises efficiency under load with the Dynamic bearing system enhanced with a lightweight yet durable exterior.

The cold forged radiused head increases articulation and allows rope friendly connection. This comprehensive range is ideal for mainsheet systems; kicker system and sheet/halyard lead applications.

Sheave: Dia - 28.2mm Width - 10mm

### TECHNICAL

Material: Acetal resin  
Cheeks: Composite filled nylon with 316 stainless steel straps  
Axle: 316 stainless steel

### RANGE



Description	Part No.	Length (mm)	Line Dia. (mm)	Shackle Pin Dia. (mm)	Breaking Load (kg)	Max Dynamic Load (kg)*	Weight (g)
30mm Dynamic block	HA2030	50	6 - 10	–	750	140	26
30mm Dynamic block with lacing eye	HA2030LZ	58	6 - 10	–	500	140	30.2
30mm Dynamic multi-function block	HA2031	48	6 - 10	4	750	140	28
30mm Dynamic cheek block	HA2036	60	6 - 10	4	500	140	35
30mm Dynamic block with swivel fork	HA2031SC	70	6 - 10	4	400	140	37
30mm Dynamic block with fork	HA2031F	68	6 - 10	4	450	140	36
30mm Cheek adaptor for HA2031	HA2036-PROFIX	–	–	–	–	3.8	–
30mm Shackle head for HA2031	HA5405S	19	–	5	1250	–	9
30mm Dynamic Cheek Block	HA2036M	50	6 - 10	–	400	140	24
30mm Dynamic double block	HA2032	64	6 - 10	–	1250	280	72
30mm Dynamic double block & becket	HA2033	76	6 - 10	–	1250	350	77
30mm Dynamic triple block	HA2034	67	6 - 10	–	1750	420	103
30mm Dynamic triple block & becket	HA2035	87	6 - 10	–	1750	490	114
30mm Dynamic treble block, cleat/becket	HA2037	96	6 - 10	–	1750	490	146
30mm Dynamic Linked	HA2039	94	6 - 10	–	750	140	52
30mm Dynamic snatch block	HA4475	53	6	–	850	140	28
Midi through deck lead	HA4901	98	6	–	850	140	41
Midi through deck sheave	HA4701	80	6	–	850	140	40
Midi 'flip flop' block	HA4978	63	6	–	850	140	58
Midi clew block	HA4280D	134	6	–	850	140	75
Midi through deck block	HA4801	45	6	–	850	140	39
Midi upstand block	HA4101	45	6	–	850	140	57



## 40mm DYNAMIC BLOCKS

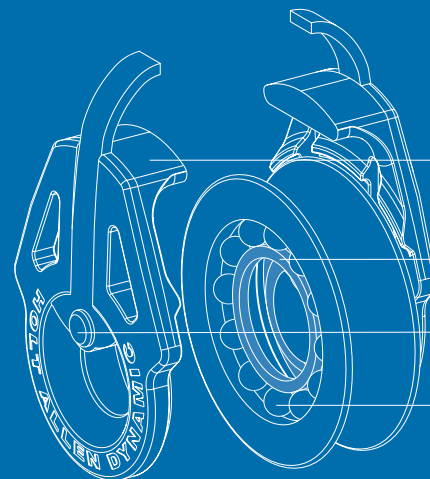
Dynamic tests show these blocks have the bearing performance of an equivalent 50mm delrin ball bearing block.

Ideal for mainsheet systems, spinnaker launch and retrieval systems and lead blocks for asymmetric spinnakers on boats up to nine metres.

- > Cold forged soft radiused head.
- > Anchor formed fixing point reduces rivet size.
- > Stainless steel dynamic inner bearing.

### TECHNICAL

Sheave: Dia - 40mm Width - 11mm  
Material: Acetal resin  
Cheeks: Composite filled nylon with 316 stainless steel straps  
Axle: 316 stainless steel



Cold forged soft radius head

Stainless steel inner bearing

Anchor formed fixing point reduces rivet size

Stainless steel ball bearings

# 40MM



### 40MM DYNAMIC BLOCKS



HA2040



HA2040B



HA2040SC



HA2042



HA2046

### SNATCH BLOCKS



HA1375

Description	Part No.	Length (mm)	Line Dia. (mm)	Shackle Pin Dia. (mm)	Breaking Load (kg)	Max Dynamic Load (kg)*	Weight (g)
40mm Dynamic block	HA2040	64	6 - 10	-	800	180	36.4
40mm Dynamic bolt block	HA2040B	64	6 - 10	-	800	180	37.2
40mm Dynamic swivel block	HA2040SC	73	6 - 10	4	800	180	46.5
40mm Dynamic cheek block	HA2046	62	6 - 10	-	800	180	33.0
40mm Dynamic double block	HA2042	84	6 - 10	-	1350	320	89.0
40mm Snatch block	HA1375	76	6 - 10	-	700	200	95



## 60MM DYNAMIC BLOCKS

- > Metal replacement composite construction.
- > Large central hole for line attachment.
- > Dynamic bearing system.
- > Pro-lock swivel head, allows the head to be locked in two orientations.
- > Converts to cheek block when used with the cheek adaptor.

'HOLT BLOCKS HAVE GOT A 'HOLE' LOT BIGGER!'  
The 60mm Dynamic block from Holt is the largest in the range. Developed for mainsheet and spinnaker systems for

sports boats up to 9 metres it sets a new standard in block design and performance. Used extensively on the new Beneteau FC7500 sports boat.

### TECHNICAL

Sheave: Diameter 60mm  
Width: 17mm  
Material: Acetal Resin  
Cheeks: Glass filled nylon with 316 stainless steel straps  
Axle: 316 stainless steel  
Line size: 5-14mm

# 60MM



### RANGE



HA2060



HA2166



HA2062 + HA2166



HA2062



HA2064



HA2066



HA2068



HA2069

Description	Part No.	Length (mm)	Line Dia. (mm)	Shackle Pin Dia. (mm)	Breaking Load (kg)	Max Dynamic Load (kg)*	Weight (g)
60mm Dynamic Block	HA2060	88	5 - 14	5	1000	500	80
60mm Cheek Adaptor	HA2166	107	-	-	1000	39	60
60mm Dynamic Double	HA2062	100	5 - 14	5	1250	600	195
60mm Dynamic Triple	HA2064	100	5 - 14	5	1250	600	-
60mm Dynamic Quad	HA2066	100	5 - 14	5	1250	600	-
60mm Dynamic Triple inc. Ratchet & Cleat	HA2068	136	5 - 14	5	1250	600	-
60mm Dynamic with Strap on 40mm	HA2069	166	5 - 14	5	800	180	-

# 60MM PRO-RATCHET BLOCKS

- > Metal replacement composite construction.
- > Break load of 1000kg.
- > SWL of 350kg.
- > Switchable on/off mechanism.
- > Fine ratchet increments to allow precise tension control.
- > Pro-Lock swivel head.
- > Allen head shackle offers easy spring mounting and added security.
- > Converts to Port or Starboard cheek block with adaptor. 3 blocks in one!

Designed for mainsheet and spinnaker applications the Pro-Ratchet is the lightest in its class. The fully composite sheave offers

strength and durability without compromise of weight. Not limited by conventional machining angles the sheave is engineered to maximise grip when the ratchet is on, yet allow less grip when the load is reduced.

## TECHNICAL

Sheave:	Diameter 60mm
Width:	17mm
Material:	Acetal Resin
Cheeks:	Glass filled nylon with
	316 stainless steel straps
Axle:	316 stainless steel
Line size:	5-14mm

## RANGE



HA2160



HA2166



HA2160+HA2166

Description	Part No.	Length	Line Dia. (mm)	Shackle Pin Dia. (mm)	Breaking Load (kg)	Weight (g)	Hole Centres (mm)	Hole Size (mm)
60mm Pro-Ratchet	HA2160	117	6 - 14	5	1000	110	-	-
60mm Cheek Adaptor	HA2166	107	-	-	1000	39	60	5



# AUTORATCHET™

## 52MM AUTORATCHET™

Dubbed as the 'automatic gearbox' for racing boats the Holt AUTORATCHET™ has re-written the laws governing ratchet block technology. The ingenious load-sensitive mechanism triggers the ratchet only when the sheet load increases. The transition from ball race sheave to the tough holding power of the ratchet is incredibly smooth, providing the ultimate in hands free operation.

## 39MM COMPACT AUTORATCHET™

With a 39mm sheave and an overall length of just 75mm the potential uses for the COMPACT AUTORATCHET™ are unlimited. For all applications to confine to the standard 52mm AUTORATCHET™. From mainsheet on an Optimist to small asymmetric spinnakers, this block provides the ultimate control with its automatic ratchet mechanism. Six out of the top 10 49er's at the 2003 World Championships chose to use Compact!

## 39MM COMPACT AUTORATCHET™



HA4620



HA4720



HA4922A

## 52MM AUTORATCHET™



HA4621



HA4721



HA4921



SHA621

Description	Part No.	Length (mm)	Line/Wire Dia. (mm)	Shackle Pin Dia. (mm)	Breaking Load (kg)	Trigger Load (kg)*	Weight (g)
Compact AUTORATCHET™	HA4620	80	6	4	400	10	75
Compact AUTORATCHET™ with becket	HA4720	91	6	4	400	10	96
Compact AUTORATCHET™ with cleat	HA4922A	96	6	4	400	10	147
AUTORATCHET™	HA4621	93	10	5	500	13	135
AUTORATCHET™ with becket	HA4721	119	10	5	500	13	150
AUTORATCHET™ with cleat	HA4921	119	10	5	500	13	304
Spring guard	SHA621	-	-	-	-	-	2.1

## HIGH TENSION BLOCKS

The Holt High Tension range is made from 316 stainless steel throughout giving incredible strength to weight ratios. The net result is a highly weight efficient range.

The ball race is milled using the latest CNC technology. This precision machining ensures absolute consistency in production.

The result;  
> Maximum sheave efficiency  
> Minimum friction for all high load applications.

### TECHNICAL

Sheave: Dia - 16, 25, 38mm Width - 5, 6mm  
Material: 316 stainless steel  
Cheeks: 316 stainless steel  
Axle: 316 stainless steel

16MM



HA4568

HA4569

HA4669

HA4570

HA4670

HA4068

25MM



HA4279

HA4379

HA4393

HA4479

HA4593

HA4679

HA4693

HA4779

HA4993

HA4379HK

38MM



HA4196

HA4296

HA4396

HA4496

HA4596

HA4696

HA4796

Description	Sheave Dia (mm)	Part No.	Length (mm)	Line/Wire Dia. (mm)	Shackle Pin Dia. (mm)	Breaking Load (kg)	Weight (g)
Micro high tension block	16	HA4568	29	2 - 4	4	400	11
Micro high tension double block	16	HA4569	40	2 - 4	4	400	25
Micro high tension double with becket	16	HA4669	50	2 - 4	4	400	26
Micro high tension triple block	16	HA4570	40	2 - 4	4	400	36
Micro high tension triple with becket	16	HA4670	50	2 - 4	4	400	38
Optimist sprit block	16	HA4068	46	2 - 4	4	400	11
Single 8mm sheave & flared cheek profile	25	HA4279	41	2 - 7	5	750	44
Single dual fix head (6mm sheave)	25	HA4379	41	2 - 5	5	750	25
Single becket & dual fix head (6mm sheave)	25	HA4393	59	2 - 5	5	750	31
Single shackle (6mm sheave)	25	HA4479	41	2 - 5	5	750	33
Triple dual fix head (6mm sheave)	25	HA4593	51	2 - 5	5	750	78
Double dual fix head (6mm sheave)	25	HA4679	51	2 - 5	5	750	54
Triple becket & dual fix head (6mm sheave)	25	HA4693	68	2 - 5	5	750	84
Double becket & dual fix head (6mm sheave)	25	HA4779	68	2 - 5	5	750	60
Quad dual fix head (6mm sheave)	25	HA4979	51	2 - 5	5	750	89
Single open head & clevis pin (6mm sheave)	25	HA4993	41	2 - 5	5	750	31
High tension block with hook	38	HA4379HK	105	2 - 6	-	500	81
Macro high tension block	38	HA4196	60	80	5	1000	62
Macro high tension with shackle	38	HA4296	60	77	5	1000	60
Macro high tension with becket	38	HA4396	78	77	5	1000	77
Macro high tension double	38	HA4496	74	134	5	1000	68
Macro high tension double & becket	38	HA4596	74	144	5	1000	68
Macro high tension triple	38	HA4696	74	195	5	1000	96
Macro high tension triple & becket	38	HA4796	74	202	5	1000	85

## LIGHTWEIGHT PLAIN BEARING BLOCKS

If you need lightweight plain bearing blocks - look no further! This striking plain bearing range is simply the smartest available from 16-38mm sheave diameter.

### TECHNICAL

Sheave: Dia - 16mm Width - 6mm  
Dia - 25mm Width - 8mm  
Dia - 38mm Width - 12mm  
Material: Acetal resin  
Cheeks: 316 stainless steel  
Axle: 316 stainless steel

16MM



HA4078

HA4080

HA4081

HA4181

HA4301

HA4401

HA4501

HA4601

25MM



HA4093

HA4178

HA4178E

HA4778

25MM PLAIN & 'V' CLEAT BLOCKS



HA4165

HA4165E

HA4265

Description	Part No.	Length (mm)	Line/Wire Dia. (mm)	Shackle Pin Dia. (mm)	Breaking Load (kg)	Weight (g)
16mm single with acetal sheave	HA4078	26	2 - 5	4	275	5
16mm single with brass sheave	HA4080	26	2 - 5	4	275	10
16mm double block	HA4081	30	2 - 5	4	275	10
16mm cheek block	HA4181	30	2 - 5	4	275	6
16mm through deck double lead	HA4301	38	2 - 5	-	275	16
16mm through deck brass double lead	HA4401	38	2 - 5	-	275	27
16mm through deck guide	HA4501	16	2 - 5	-	275	7
16mm through deck brass guide	HA4601	16	2 - 5	-	275	13
25mm single with becket	HA4093	48	4 - 8	4	400	20
25mm single	HA4178	41	4 - 8	4	400	13
25mm single with hook	HA4178E	71	4 - 8	-	400	38
25mm double block	HA4778	51	4 - 8	4	400	35
'V' cleat fiddle block	HA4165	72.8	4 - 6	5	600	38
'V' cleat fiddle block with hook	HA4165E	104.4	4 - 6	-	200	61
'V' cleat block with becket	HA4265	61	4 - 6	5	550	33

# PLAIN BEARING BLOCKS

## TECHNICAL

Sheave: Dia - 20mm Width - 7mm  
Dia - 27mm Width - 10mm  
Dia - 38mm Width - 12mm  
Material: Acetal resin  
Cheeks: Glass filled nylon with  
316 stainless steel straps  
Axle: 316 stainless steel

### 20MM



HA4250P HA4450P HA4686P

### 27MM



HA4280P HA4280PSC HA4380P HA4380PSC HA4386P HA4480PC HA4580PC



HA4680PC HA4856P

### 38MM



HA3280P HA3380P

Description	Part No.	Length (mm)	Line Dia. (mm)	Shackle Pin Dia. (mm)	Breaking Load (kg)	Weight (g)
Mini block	HA4250P	39	2 - 6	–	400	10
Mini double block	HA4450P	41	2 - 6	4	400	26
Mini cheek block	HA4686P	43	2 - 6	–	400	10
27mm bullet block	HA4280P	22	4 - 10	–	600	55
27mm block with swivel terminal	HA4280PSC	37	4 - 10	5	600	58
27mm block with becket	HA4380P	28	4 - 10	–	600	73
27mm block with becket and swivel	HA4380PSC	46	4 - 10	–	600	78
27mm cheek block	HA4386P	23	4 - 10	–	600	58
27mm double block	HA4480PC	54	4 - 10	–	600	58
27mm double with central becket	HA4580PC	63	4 - 10	–	600	78
27mm triple block	HA4680PC	87	4 - 10	–	600	58
27/20mm Fiddle block	HA4856P	80	4 - 10	5	600	95
38mm sheet block	HA3280P	40	6 - 12	–	800	70
38mm sheet block with becket	HA3380P	48	6 - 12	–	800	87



## 30MM & 40MM PLAIN BEARING SHEET BLOCKS

Sheave: Dia - 29, 38mm Width - 7mm  
Material: Acetal resin  
Cheeks: Composite filled nylon with  
316 stainless steel straps  
Axle: 316 stainless steel



## 25MM ANODISED PLAIN BEARING VANG BLOCKS

Designed for simple purchase systems for vangs etc. Rope diameters from 4 - 6mm.

All have pressure die cast aluminium cheeks supporting the 25mm diameter sheaves ensuring excellent strength and durability.

Sheave: Dia - 25mm Width - 7mm  
Material: Acetal resin  
Cheeks: Die cast aluminium  
Axle: 316 stainless steel

### 30MM & 40MM PLAIN BEARING SHEET BLOCKS



HA.178 HA.178-74 HA.278



HA.278-74 HA.378

### 25MM ANODISED PLAIN BEARING VANG BLOCKS



HA..93 HA..93LZ HA.165A



HA.165LZ

Description	Part No.	Length (mm)	Line Dia. (mm)	Shackle Pin Dia. (mm)	Breaking Load (kg)	Safe Working Load (kg)	Weight (g)
29mm single block	HA.178	48	8	-	250	140	13
29mm block with 'inglefield clip'	HA.178-74	69	8	-	250	140	23
38mm single block	HA.278	66	10	-	300	155	36
38mm block with 'inglefield clip'	HA.278-74	86	10	-	300	155	45
38mm block with becket	HA.378	85	10	-	300	155	38
Becket block	HA..93	79	4 - 6	5	620	310	39
Becket block with straight key	HA..93LZ	86	4 - 6	5	620	310	40
Fiddle block with jammer and curved key	HA.165A	100	4 - 6	5	620	310	62
Fiddle block with jammer	HA.165LZ	93	4 - 6	5	620	310	61
Fiddle block with jammer and straight key	HA.165PS	100	4 - 6	5	620	310	62



### LOW PROFILE ALLOY SHEAVE BOXES

These sheave boxes feature Holt Allen's unique low profile hook-in cage which has been developed to withstand the high loading of today's modern rigs. The pressure die cast aluminium casing incorporates special side flanges to minimise friction and rope wear. Low profile sheave boxes are available with either a plain bearing acetal sheave or a high load stainless steel ball bearing sheave.

Sheave: Dia - 25, 38mm Width - 6mm  
Material: Aluminium  
Cheeks: Aluminium  
Axle: 316 stainless steel



### ALLOY SHEAVE BOXES

Suitable for all types of spar. Can also be used in through-deck or bulkhead applications.

The pressure die cast aluminium casing incorporates special side flanges to minimise friction and rope wear. Available with either a plain bearing acetal sheave or a high load stainless steel ball bearing sheave.

Sheave: Dia - 38mm Width - 8mm  
Material: Aluminium  
Cheeks: Aluminium  
Axle: 316 stainless steel

### LOW PROFILE ALLOY SHEAVE BOXES



HA..15



HA..15B



HA..16



HA..16B

### ALLOY SHEAVE BOXES



HA...6



HA...6H



HA...6B



HA...9



HA...9H



HA...9B



### YACHT SHEAVE BOXES

Ideal for halyard exit and entry boxes with special side flanges to minimise friction. HA8 and HA8A have a nylon casing. HA28 has an aluminium case. All are suitable for ropes up to 10mm in diameter.

### HIGH TENSION SHEAVE BOXES

The stainless steel cheeks on these sheave boxes twist open to allow easy fitting as well as clean access to the inside of the mast when changing halyards etc.

### PLAIN BEARING ALLOY SHEAVE BOXES

Pressure die cast from high grade aluminium with Acetyl resin sheave. Great value!

### YACHT SHEAVE BOXES



HA...8



HA...8A



HA..28

### HIGH TENSION SHEAVE BOXES



HA4409



HA4708



HA4808

### PLAIN BEARING ALLOY SHEAVE BOXES



HA...4



HA...5



HA...7

Description	Part No.	Sheave Width (mm)	Sheave Dia. (mm)	Slot Size (mm)	Weight (g)	Hole Centres (mm)	Hole Size (mm)
Plain bearing sheave box	HA..15	6	25	38 x 10	12	-	-
Ball bearing sheave box	HA..15B	6	25	38 x 10	24	-	-
Plain bearing sheave box	HA..16	6	38	54 x 13	36	-	-
Ball bearing sheave box	HA..16B	6	38	54 x 13	68	-	-
Plain bearing sheave box	HA...6	8	38	52 x 15	34	65	4
Plain bearing alloy sheave box	HA...6H	8	38	52 x 15	48	65	4
Ball bearing sheave box	HA...6B	8	38	52 x 15	79	65	4
Plain bearing sheave box	HA...9	8	26	44 x 13	21	57	4
Plain bearing alloy sheave box	HA...9H	8	25	44 x 13	31	57	4
Ball bearing sheave box	HA...9B	8	25	44 x 13	38	57	4

Description	Part No.	Sheave Width (mm)	Sheave Dia. (mm)	Slot Size (mm)	Weight (g)	Hole Centres (mm)	Hole Size (mm)
Nylon sheave box (nylon sheave)	HA...8	12	38	69 x 24	41	80	4
Nylon sheave box (alloy sheave)	HA...8A	12	38	69 x 24	65	80	4
Plain bearing alloy sheave box	HA..28	12	38	55 x 23	87	87	6
Plain bearing alloy sheave	HA4409	12	38	77 x 19	98	90	6
Ball bearing stainless steel sheave	HA4708	8	25	37 x 12	43	-	4
Plain bearing stainless steel sheave	HA4808	8	38	57 x 12	114	-	5
Plain bearing sheave box	HA...4	8	26	43 x 17	26	65	4
Plain bearing sheave box	HA...5	6	36	50 x 14	33	70	4
Plain bearing double sheave box	HA...7	8	26	42 x 38	48	65	4

# PLAIN BEARING STANCHION MOUNTED BLOCK & FAIRLEAD

Brilliantly simple and inexpensive solution for leading furling lines from the drum to the cockpit area.

## RANGE



## BALL BEARING SHEAVES



Description	Part No.	Length (mm)	Line Dia. (mm)	Bracket Dia. (mm)	Weight (g)
Stanchion mounted block	HA.450	94	8 - 10 (14 max)	25	69
Stanchion mounted block, removable pin	HA.450A	94	8 - 10 (14 max)	25	69
Stanchion mounted fairlead	HA.455	60	8 - 10 (14 max)	25	43
Description	Part No.	Diameter (mm)	Width (mm)	Bore (mm)	Weight (g)
16mm High Tension ball bearing sheave	HA4567	16	5	3	5
38mm High Tension ball bearing sheave	HA4786-6	38	6	8	51
38mm High Tension ball bearing sheave	HA4786-8	38	8	8	55
25mm High Tension ball bearing sheave	HA4986-6	25	6	8	17
25mm High Tension ball bearing sheave	HA4986-8	25	8	8	19
40mm Acetal ball bearing sheave	HA1086	40	14	6	26
52mm Acetal ball bearing sheave	HA1886	52	15	7.5	46
38mm Acetal ball bearing sheave	HA3086	38	12	5	16
27mm Acetal ball bearing sheave	HA4086	27	10	4.4	7
20mm Acetal ball bearing sheave	HA4886	20	7	3	3

# PLAIN BEARING SHEAVES

Manufactured from Acetyl, ideal for making up custom systems replacing worn sheaves. High load and great value.

## PLAIN BEARING SHEAVES



Description	Part No.	Diameter (mm)	Width (mm)	Bore (mm)	Weight (g)
15mm Plain bearing sheave	HA..45	15	6	6	0.5
36mm Plain bearing sheave	HA..85	36	6	9	5
29mm Plain bearing sheave	HA..86	26	8	8.5	2
50mm Plain bearing sheave	HA.119	50	8	9	10
38mm Plain bearing sheave	HA.150	38	8	9	7
27mm Plain bearing sheave	HA.220	27	6	9	2
16mm Plain bearing brass sheave	HA..46	16	6	6	6
38mm Plain bearing aluminium sheave	HA..83	38	8	8	20
28mm Plain bearing aluminium sheave	HA..84	28	8	9	10
38mm Plain bearing aluminium sheave	HA.185	38	6	8	14
38mm Plain bearing aluminium sheave	HA.315	38	12	8	30
74mm Large dia plain bearing sheave	HA.217	74	13	9	26
62mm Large dia plain bearing sheave	HA.219	62	13	7.8	20
38mm Plain bearing sheave	HA.215	38	12	9	9
50mm Plain bearing sheave	HA.216	50	13	9	14
20mm Plain bearing sheave	HA.612	20	7	6	1
27mm Plain bearing sheave	HA.613	27	10	8	2
38mm Plain bearing sheave	HA.614	38	12	8	8
27mm Plain bearing sheave	HA..80A	27	18	10	4
Description	Part No.	Sheave Dia. (mm)	Max Line (mm)	SWL (kg)	Weight (g)
27mm Plain bearing nylon cheek block	HA.386	27	8	75	9
Cunningham block with nylon cheeks and plain bearing 26mm acetal resin sheave	HA.478	26	8	75	11.1

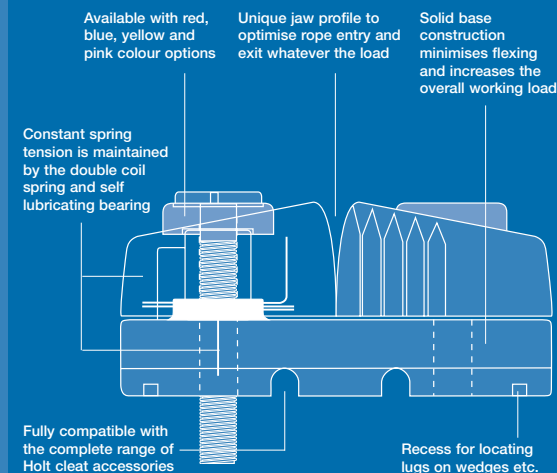


Holt has been making Cam Cleats for more than 40 years giving more experience and a wider depth of knowledge into what is required than any other manufacturer. In short we know what makes a great cleat.



## CAMPROFILE

Years of painstaking research and development has produced the unique HA cam profile. Incredible cam action, super smooth entry and exit with the grip of a Pitbull Terrier. Developed to maximise holding power without sacrificing the ease of rope entry and exit, the Holt Allen cam cleats give you the best of both worlds. There is more to cam cleat design than simply achieving the highest possible safe working load. A squared cam profile adopted by some manufacturers may provide impressive statistics of holding power but the ability to release the rope/line from the cleat easily when under load is quite another matter.



## NEW STANDARD IN COMPOSITE TECHNOLOGY

Holt composite cleats set a new standard in cleat design. Utilising Metal Replacement Technology they are manufactured from 'Alanite' a unique blend composite material. Engineered to the highest tolerances using the HA jaw profile for ultra smooth control. A self-lubricating high-slip bearing allows the multi coil spring to maintain a constant tension throughout the jaws radius of movement giving the composite cleat the smoothest cam action ever.

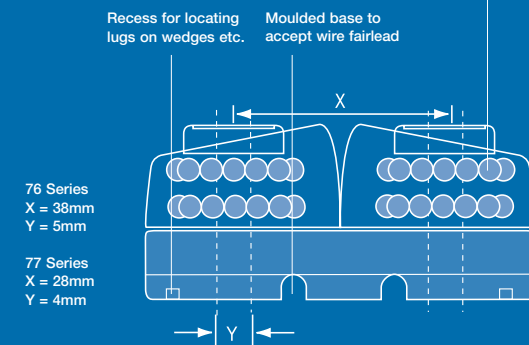
## ALLOY SERIES

Serious cleats for serious applications. If you are going to give your cleats a thorough workout the HA Aluminium Series is where it's at. APC ball bearings ensure a positive jaw action is maintained at all times, no matter what loads are applied the bearing system remains constant. Aluminium PTFE coated jaws are the epitome of durability, able to withstand the build up of heat from most fast moving lines that all too often cause failure of polymer products (even with carbon fill). They are designed for fast action under pressure.

So if you don't want to hold back  
- Holt cleats will hold on!

HA 76/77 FEATURE HARD ANODISED PTFE COATED ALUMINIUM ALLOY JAWS, HARD WEARING YET KIND TO ROPES

HA 76/77 feature APC ball bearings for super smooth cam action



# CAM CLEATS

## ALANITE CAM CLEATS

Super-light, super-tough carbon composite cam cleats. Moulded from the revolutionary Alanite material which diffuses the build up of heat away from the jaws, they have incredible wear resistance. Combined with the unique base and cam design, this is truly one mighty Cam Cleat.

## SERIES ALLOY CAM CLEATS

For the ultimate in durability and grip, not even the revolutionary Alanite can compete with aluminium. With hard anodised PTFE coated jaws, the Holt Series Alloy is tough on holding, yet soft on rope. These cleats offer terrific holding power maintaining easy rope entry and exit under load, whilst keeping rope wear to a minimum.

Available with red, blue, yellow and pink colour options

Unique jaw profile to optimise rope entry and exit whatever the load

Solid base construction minimises flexing and increases the overall working load

Constant spring tension is maintained by the double coil spring and self lubricating bearing

Fully compatible with the complete range of Holt cleat accessories

Recess for locating lugs on wedges etc.

HA 76/77 FEATURE HARD ANODISED PTFE COATED ALUMINIUM ALLOY JAWS, HARD WEARING YET KIND TO ROPES

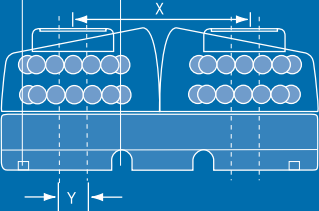
HA 76/77 feature ACP ball bearings for super smooth cam action

Recess for locating lugs on wedges etc.

Moulded base to accept wire fairlead

76 Series  
X = 38mm  
Y = 5mm

77 Series  
X = 28mm  
Y = 4mm



### RANGE



HA.677      HA.676      HA..77      HA..76

Description	Part No.	Line Dia. (mm)	Fixing Centre (mm)	SWL (kg)	Weight (g)
Alanite Control Line Cam Cleat	HA.677	2 - 6	28	120	22
Alanite Control Line Cam Cleat	HA.676	4 - 10	38	180	34
Alloy Control Line Cam Cleat	HA..77	2 - 6	28	140	29
Alloy Control Line Cam Cleat	HA..76	4 - 10	38	200	63

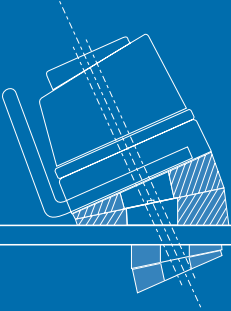
# CLEAT ACCESSORIES

A comprehensive range of accessories for every conceivable application.

New carbon composite over fairleads. Replacing the alloy over fairlead is the new carbon composite over fairlead. It is injection moulded in the same hard wearing material as the Alanite cleat. The result is a lighter product which is not susceptible to corrosion.

## CLEAT WEDGES

The illustration shows how under deck wedges allow the fixing bolts to be aligned with the deck, ensuring an even distribution of load.



### RANGE



\* Cleat not included

77 Series Accessories (small)			76 Series Accessories (large)		
Part No.	Description	Use with	Part No.	Description	Use with
HA.193	Cleat lifter 15mm high	HA.677 / HA..77	HA.293	Cleat lifter 22mm high	HA.676 / HA..76
HA.493-993	Wedge Kit	HA.677 / HA..77	HA.294	Cleat lifter 10mm high	HA.676 / HA..76
HA.488	Carbon composite over fairlead	HA.677 / HA..77	HA.593-893	Wedge Kit	HA.676 / HA..76
HA.4665	Stainless steel wire under fairlead	HA.677 / HA..77	HA.588	Carbon composite over fairlead	HA.676 / HA..76
HA4771	Through deck lead (not inc. cleat)	HA.677 / HA..77	HA4675	Stainless steel wire under fairlead	HA.676 / HA..76
			HA4761	Through deck lead (not inc. cleat)	HA.676 / HA..76

## PRO-LEADS

### PRO-LEADS MULTI ANGLE FAIRLEAD

#### Precise Control From Any Angle

The ability to use a cleat from extreme angles is vital. Holt's new multi angle cleat fairlead the Pro-Lead does precisely that.

#### Ultimate Wear Resistance

Extensive R&D into composite materials has allowed us to formulate the optimum blend of elements creating a structure which maximises wear resistance while at the same time minimises overall weight.

### ULTRA PRO-LEAD

Manufactured in 'Ultra' hard wearing lightweight composite material. To be used in applications when more than just a guide into the cleat is required.

#### PRO-LEADS



HA.397



HA.397 ULTRA



HA.396

#### MINI CAM CLEATS



HA4077



HA4467



HA4476



HA4976



HA.793

#### PLAIN BEARING JAMMER



HA4287ASS

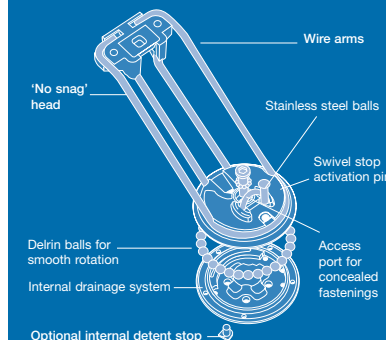


HA4287

Description	Part No.	Line Dia. (mm)	Fixing Centre (mm)	Suit Cleat	
Small Pro-Lead	HA.397	2 - 6	28	HA.677 / HA..77	
Small Ultra Pro-Lead	HA.397-ULTRA	2 - 6	28	HA.677 / HA..77	
Large Pro-Lead	HA.396	4 - 10	38	HA.676 / HA..76	
Description	Part No.	Line Size (mm)	Dist. Betw. Fix (mm)	Height (mm)	Weight (g)
Large cam cleat with glass reinforced acetal jaws	HA4077	4 - 12	38	18	34
Alloy cam cleat with base fairlead	HA4467	2 - 6	26	14	24
Alloy jaw cam cleat	HA4476	2 - 6	26	10	16
Alloy jaw cam cleat with fairlead	HA4976	2 - 6	26	20	17
Wedge for HA 4467	HA.793	—	26	6	2
Description	Part No.	Hole Centres (mm)	Fix Hole Size (mm)	Max Work Load (kg)	Weight (g)
Plain Bearing Jammer	HA4287	3 x 48	M5	300	318
Plain Bearing Jammer (complete with spring & HA3280P)	HA4287ASS	3 x 48	M5	300	360

## WIRE FRAME SWIVEL BASE

- > Wire arm construction provides superior torsional rigidity.
- > 'No snag' head prevents sheets becoming trapped under wires.
- > Delrin ball bearings ensure smooth rotation
- > Stainless steel balls bear vertical loads and virtually eliminate vertical play.
- > With optional detent stop fitted the base rotates freely between 160° and 220° (See diagram).
- > The detent prevents the base spinning to leeward when sheet load is released.
- > Removable forward pin limits rotation to 220° (pin must be pushed down fully),



#### RANGE



HA4266H



HA4266



HA4266COMPACT



HA4269 Dual Arm Jammer

Description	Part No.	Usage	Hole Centres (mm)	Fix Hole Size (mm)	Max Work Load (kg)	Weight (g)
Wire Arm Jammer High	HA4266H	Int 14, RS800, Contender	4 x 20	M5	350	288.5
Wire Arm Jammer standard	HA4266	Sports boats	4 x 20	M5	350	281.8
Wire Arm Jammer Compact	HA4266COMPACT	420, Solo, Streaker	4 x 20	M5	351	274.2
Wire Arm Dual Cleat	HA4269 Dual Arm Jammer	Etchell, Fireball	4 x 20	M5	352	323.5

*N.B Assembled versions are available with spring either the HA2160 or HA4621 ratchet blocks.*

## BULLS EYE SWIVEL CLEATS

Swivel bases have been optimised to eradicate play in the track or bearing systems, removing play and maximising the improved cam performance.

### BALL BEARING MINI SWIVEL BASE

Developed with 49er silver medalist Ian Barker, the unit allows smooth rotation from difficult or vertical angles.

CAD illustration of the dual ball race system used on the new swivel bases.



### BULLS EYE SWIVEL CLEATS



HA4866X HA4466 HA4566 HA4766 HA4866

### CONTROL LINE & SWIVEL CLEATS



HA4380-77 HA4876 HA4978-77 HA4987

Description	Part No.	Line Size (mm)	Height (mm)	Hole Centres (mm)	Weight (g)
Ball Bearing Mini Swivel Base	HA4866X	2 - 6	82	3 x 27	141.4
Large swivel lead with composite cleat	HA4466	4 - 10	72	3 x 27	137
Large swivel lead with alloy cleat	HA4566	4 - 10	72	3 x 27	168
Small swivel lead with composite cleat	HA4766	2 - 6	57	3 x 27	100
Small swivel lead with alloy cleat	HA4866	2 - 6	57	3 x 27	114
27mm becket block with cleat	HA4380-77	4 - 6	-	-	73
'Thro' deck control line lead cleat	HA4876	4 - 6	63	29 x 4	120
'Flip flop' block with cleat	HA4978-77	4 - 6	73	18 (offset)	87
180° Swivel cleat	HA4987	6	95.2	70 x 1	108



### 'V' CLEATS

HA.146  
HA.246



HA4146



HA4246



### JAM CLEATS

HA.124  
HA.130



### OPEN CLEATS

HA..81  
HA.181  
HA.281  
HA.381  
HA.781



HA.481



HA.581  
HA.681

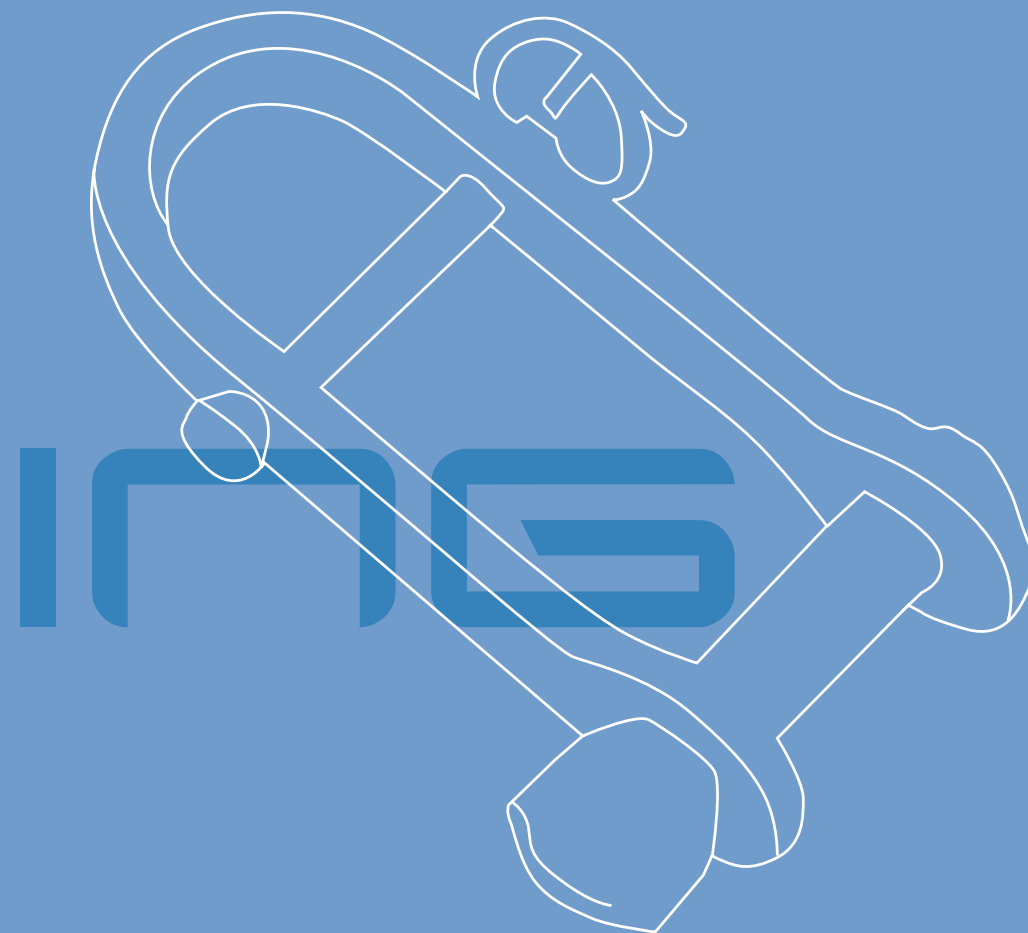


Description	Part No.	Fix Hole Size (mm)	Max Rope Size (mm)	Length (mm)	Height (mm)	Hole Centres (mm)	Weight (g)
Glass filled nylon 'V' cleat	HA.146	4	2 - 6	65	15	53	5
Glass filled nylon 'V' cleat	HA.246	4	2 - 8	97	23	80	18
<b>Stainless Steel 'V' Cleats</b>							
Stainless steel 'V' cleat	HA4146	4	3 - 6	29	10	23	9
Stainless steel 'V' cleat	HA4246	5	2 - 6	67	13	53	10
<b>Nylon Open Cleat</b>							
Nylon cleat	HA..81	3	5	62	13	20	1
Nylon cleat	HA.181	4	8	99	20	33	9
Nylon cleat	HA.281	5	10	155	27	48	33
Nylon cleat	HA.381	6	14	200	38	64	74
Nylon cleat	HA.781	5	11	133	25	42	22
<b>Mast Cleat</b>							
Acetal resin mast cleat	HA.481	5	8	100	18	31	10
Aluminium mast cleat	HA.581	4	6	100	20	25	43
Aluminium mast cleat	HA.681	4	8	139	21	3	73
<b>Nylon Cleat</b>							
Nylon jam cleat	HA.124	3	6	63	12	23	3
Nylon jam cleat	HA.130	3	8	92	17	34	6



## QUALITY WHERE IT COUNTS

Made from high quality 316 stainless steel and pressure die cast aluminium, Holt mast accessory and rigging range is manufactured to the highest specification with the emphasis always on quality. Fittings such as the Holt vernier adjusters have established themselves as the industry standard worldwide. Combined with fast pins rig adjustment is made achievable quickly with little hassle.



# MAST ACCESSORIES & RIGGING

# STAY ADJUSTERS

Made from high quality 316 stainless steel the Holt range of Stay Adjusters are manufactured to the highest quality.

Compact and lightweight, the world renowned Vernier Adjusters from Holt are the only choice where fine tune adjustments to the rig are required. Industry standard, the HA4272 is used on a multitude of race boats from the International 420 to 18ft Skiffs.

The recent growth in high performance asymmetric classes has created a need for a vernier adjuster capable of taking higher rig loads than the standard HA4272.

The HA4772HT is made from 16 gauge stainless steel, has larger 6mm pins and extra reinforcement at the base of the fitting to withstand the dual loads of twin shroud rigs such as the 49er or B14 set ups.

To complement the stay adjuster range we now offer quick release pins or 'fast pins' in both 5mm and 6mm diameters. (HA5005 & HA5006).

## STAY ADJUSTERS



HA4024 HA4172 HA4272 HA4372 HA4472 HA4572 HA4772HT



HA4872 HA4972

## FAST PINS



HA5005 HA5006

Description	Part No.	Pin Dia. (mm)	Adjustment Range (mm)	Increments (mm)	Internal Width (mm)	Weight (g)
Channel stay adjuster	HA4024	5	87	9	13	59
Stay adjuster	HA4172	5	52	9	8	46
Vernier adjuster	HA4272	5	64	3	9	41
Stay adjuster	HA4372	5	60	9	8	23
Stay adjuster	HA4472	5	69	9	8	39
Stay adjuster	HA4572	6	76	13	10	86
High load vernier adjuster	HA4772HT	6	80	5	10	64
Stay adjuster	HA4872	6	76	13	9	100
Open vernier adjuster	HA4972	5	64	4	8	38
Description	Part No.	Dia. (mm)	Useable Length (mm)	Overall Length (mm)	Suitable For	Weight (g)
Fast pin	HA5005	5	12.5	26.5	HA4272	6.3
Fast pin	HA5006	6	15	29	HA4772HT	8.4

## GOOSE NECKS

HA..14R  
HA..14S  
HA4514



HA4009K  
HA4009K-10



HA4009LZ  
HA4009LZ-10  
HA4009C



HA4114-1  
HA4114-2  
HA4114-3



## MAST & BOOM FITTINGS



HA4042



HA4142



HA4413



SHA312



SHA873



HA4002



HA4016



HA4032



HA4116



HA4203



HA4203R



HA4216



HA4416

Description	Part No.	Fixing Hole (mm)	Suit Section Dia. (mm)	Pin Dia. (mm)	Weight (g)	
Fixed alloy gooseneck with round pin	HA..14R	5	–	12	66	
Fixed alloy gooseneck with square pin	HA..14S	5	–	12	66	
Heavy duty gooseneck with s/s bracket	HA4514	5	–	12	132	
Fixed stainless steel gooseneck	HA4009K	4	50	12	78	
Fixed stainless steel gooseneck	HA4009K-10	4	50	10	78	
Fixed s/s gooseneck - radiused strap	HA4009LZ	4	55	12	78	
Fixed s/s gooseneck - radiused strap	HA4009LZ-10	4	55	10	78	
Fixed s/s gooseneck - radiused strap	HA4009C	4	50-55	12	78	
Description	Part No.	Pin Dia. (mm)	Groove Width (mm)	Back Plate Width (mm)	Back Plate Thick (mm)	Weight (g)
Sliding gooseneck	HA4114-1	12	7	11	10	101
Sliding gooseneck	HA4114-2	12	9	16	4	94
Sliding gooseneck	HA4114-3	12	8	16	6	104
Description	Part No.	Fixing Hole (mm)	Approx. Spar Size (mm)	Strap Thick (mm)	Weight (g)	
Mast tang	HA4042	5	50 - 80	1.5	22	
Mast tang (long)	HA4142	5	50 - 80	1.5	22	
Kicking strap bracket	HA4413	5	50 - 80	1.5	38	
Kicking strap key	SHA312	5.5	–	–	–	
Curved kicking strap key	SHA873	5.5	–	–	–	
Kicking strap key	HA4002	5.5	8mm pin/13mm knob	1.5	–	
Boom strap	HA4016	5	38	1.5	15	
Gaff band	HA4032	5	44 x 44	1.5	16	
Boom strap	HA4116	5	32	1.5	16	
Mast anchor plate	HA4203	5	50 - 80	1.5	15	
Mast anchor plate	HA4203R	5	50 - 80	1.5	16	
Boom strap	HA4216	5	Forms to any shape	1.5	15	
Ball bracket	HA4416	5	45	1.5	16	



## MAST TANGS & 'T' TERMINAL BACK PLATE

Mast tangs provide a simple and effective method of fastening rigging externally, especially important on sealed sections.

The HA4283 is a standard 'T' terminal backing plate suitable for all dinghy spar sections.



## HALYARD LOCK & HOOK RACKS

Designed to reduce halyard stretch and mast compression the Holt Allen halyard lock is used on many single handers such as - Europe, OK and Finn.

Anodised alloy hook racks provide a light and effective way to hold wire under tension giving a positive location to take whatever sailing loads are applied.

### MAST TANGS & 'T' TERMINAL BACK PLATE



### HALYARD LOCK & HOOK RACKS



### MIRROR MAST & BOOM FITTINGS



### SPREADER FITTINGS



Description	Part No.	Length (mm)	Width (mm)	Fix Hole Size (mm)	Fixing Centres (mm)		
Mast Tang	HA4041	77	16	5	11		
Mast Tang	HA4141	104	22	5-6	19 & 26		
Mast Tang	HA4241	52	16	5	–		
'T' terminal Back Plate	HA4283	44	19	4	31		
Description	Part No.	Hole Size (mm)	Increments (mm)	No. of Adjust	Length (mm)	Max Wire Dia. (mm)	Weight (g)
Hook Rack	HA.245	4	12.5	10	126	5	31
Hook Rack	HA.345	4	12.5	5	85	5	15
Halyard Lock	HA4245	5	–	–	58	2 - 3	9
Description	Part No.	Fixing Hole Size (mm)	Approx. Mast (mm)	Approx. Boom Size (mm)	Sheave Width (mm)	Weight (g)	
Spinnaker Crane	HA4184	4	33	–	18	49	
Gooseneck	HA4314	4 - 5	50 - 70	20+	–	84	
Gooseneck	HA4314R	4 - 5	50 - 70	43	–	88	
Description	Part No.						
Spreader bolt set		SMS6397					
Spreader length adjuster	HA.725						
Spreader angle adjuster	HA4791						
Aerofoil spreader section inc. end cap HA625, extrusion length 460mm	HA.791						
Spreader end cap (to fit HA791)	HA.625						



## STRUTS, LEVERS

### STRUTS

**HA4592.** This mast strut is supplied with lightweight aluminium lever and trim ball bearing blocks. Hollow aluminium strut supplied with mast end fittings loose, so length can be altered before installation. Supplied with HA4003M mast bracket.

### LEVERS

**HA4192.** Lightweight stainless steel lever provides a quick, low-friction method of adjusting kicking strap (vang) tension. With an overall length of 230mm the five adjustment positions give a purchase range from 5:1 to 9:1 depending on requirements.

### STRUTS, LEVERS & MUSCLE BOXES



HA4592

HA4592E

HA4192

### HIGHFIELD LEVERS



HA4160 (MELGE)

HA4260

HA4260-1

HA4260-2

Description	Part No.	Size of Deck Cut Out (mm)	Fix Hole Size (mm)	Hole Ctrs. (mm)	Max Clear. Below Deck (mm)	Max Travel	Length Extend (mm)	Sheave Dia. (mm)	Purchase	Weight (g)
Mast strut	HA4592	92 x 2	5	44	250	500	–	–	–	–
Mast strut end fittings	HA4592E	–	–	–	–	–	–	–	–	76
Vang lever	HA4192	–	–	–	–	–	230	–	5:1 - 9:1	210
Description	Part No.		Part No.	Throw (mm)	Adjust (mm)	Back Plate Size (mm)	No. of Adjust.	Weight (g)		
Tension lever with clamp plate (Fits HA..26 track)	HA4160	70	–	–	–	16 x 2	–	100		
Tension lever with 12mm wide back plate	HA4260-1	75	–	–	–	12 x 5	–	111		
Tension lever with 3 tightening screws	HA4260-2	75	–	–	–	13 x 2	–	102		
Ratchet type tension lever (Fits HA..26 track)	HA4260	75	63	–	–	16 x 2	6	193		



## 'U' BOLTS

Designed to withstand high loads and stresses without distortion.

### 'U' BOLTS

HA4371



HA4471



HA4571



HA4671



HA4871X



### BOOM SLIDES

HA4258



## BOOM SLIDES

Suitable for Holt Spar, Proctor and Superspar sections. Holt boom slides are available in the following options:

### BOW/SHROUD PLATES

HA4001E



HA4025  
HA4025S



HA4107  
HA4107S



HA4124



HA4171



HA4171S



HA4225



## BOW/SHROUD PLATES

A comprehensive range of 316 stainless steel chain plates and shroud fittings.



### SPINNAKER POLE PISTON ENDS & POLE FITTINGS



HA4331



HA4431



HA.257



HA.357

### NYLON JIB STICK & SPINNAKER POLE ENDS



HA.31



HA.54



HA.131



HA.154

### SPINNAKER & JIB STICK MAST BRACKETS



HA.132



HA.232



HA4232



HA4332

Description	Part No.	Rod size (mm)	Dist. Betwn. Fix. Ctre. (mm)	Min. Height (mm)	Weight (g)	Overall Length (mm)	Thread Length (mm)
Shroud 'U' bolt	HA4371	5	28	10	24	42	20
Shroud 'U' bolt	HA4471	6	38	14	54	58	25
Shroud 'U' bolt	HA4571	8	51	19	115	75	25
'U' bolt	HA4671	6	38	26	53		
Heavy duty shroud 'U' bolt	HA4871X	6	28	7	62	48	25
Description	Part No.	Length (mm)	Width (mm)	Thickness (mm)	Loop I/D (mm)	Loop O/D (mm)	Weight (g)
316 stainless steel boom slide only	HA4258	64	16	2	15	25	61
Description	Part No.	Length (mm)	Width (mm)	Thickness (mm)	Hole Ctrs. (mm)	Slot/tenon (mm)	Weight (g)
Bow plate with foresail and forestay attachment	HA4001E	—	17	1.7	—	—	79
Shroud plate (pr)	HA4025	194	16	2	57	—	37
Shroud plate with double s/s top section (pr)	HA4025S	194	16	2 - 4	57	—	50
Mast gate bar	HA4107	138	22	2	114	—	45
Mast gate bar	HA4107S	112	22	2	89	—	37
Adjustable mast step	HA4124	150	23	2	129	19	94
Shroud plate cover (pr)	HA4171	64	16	2	47	16 x 2	12
Shroud plate cover (pr)	HA4171S	64	16	2	47	16 x 4	12
Bow plate with foresail, forestay attachment and mooring eye	HA4225	94	87	1.7	—	—	103

Description	Part No.	To Fit Tube O/D (mm)	To Fit Tube I/D (mm)	Max Rope Size (mm)	Weight (g)	
38mm spinnaker pole piston end	HA4331	38	34	12	140	
25mm spinnaker pole piston end	HA4431	25	22	8	48	
Spinnaker pole cleat	HA.257	14 - 38	—	6	18	
Spinnaker pole ramp	HA.357	14 - 38	—	6	16	
Description	Part No.	To Fit Tube O/D (mm)	To Fit Tube I/D (mm)	Fixing Hole Size (mm)	Weight (g)	
Spinnaker pole snap hook	HA.31	25	22	—	9.1	
Jib stick spike	HA.54	25	22	—	7.9	
External spin. pole snap hook	HA.131	14 - 25	—	3	11.7	
External jib stick spike	HA.154	14 - 25	—	3	10.6	
Description	Part No.	Fixing Hole Size (mm)	Approx. Dia. of Spar (mm)	Inside Dia. of Eyes (mm)	Thickness of Eyes (mm)	Weight (g)
Acetal resin spinnaker pole bracket	HA.132	3	35	12	7	8
Acetal resin twin ring spinnaker pole bracket	HA.232	3	50	12	7	12
Stainless steel twin ring spinnaker pole bracket	HA4232	4	50-70	16	6	61
Stainless steel single eye mast spinnaker pole bracket	HA4332	4	50	17	6	37



## TRAPEZE EQUIPMENT

### WIDE TRAPEZE RING

Developed after constructive feedback from top sailors Holt processed this information to provide the definitive wide trapeze ring available.

- > Wide entry to aid hooking on.
- > Definite contact is aided by pinched loop.
- > Ball bearing block for precise adjustment incorporating integral shock cord loop.
- > A must for all trapeze boats.



### TRAPEZE EQUIPMENT



HA4261



HA4161LZ



HA..60



HA4040

### CLAM CLEATS



CL253



CL253AN

Description	Part No.	Rope Size (mm)	Webbing Size (mm)	Length (mm)	Max Wire Size (mm)	Weight (g)
Wide trapeze ring with 20mm ball bearing block and nylon shock cord ring	HA4261	6	–	175	–	68
Narrow trapeze ring with plain bearing block	HA4161LZ	6	–	125	–	54
Nylon trapeze handle 'T' type	HA..60	–	–	54	3	13
Trapeze harness buckle with strap adjusters	HA4040	–	40	–	–	170
Clam Cleat trapeze cleat painted	CL253	4 - 8	–	89	–	46
Trapeze harness buckle with strap adjusters	CL253AN	4 - 8	–	89	–	46



## FURLING GEAR & SWIVEL CONNECTORS

The ingenious furling unit for catamarans. This specially designed fitting has side flanges on the top of the swivel unit to locate the float wires allowing the drum to be tucked away neatly underneath.

The compact top swivel is suitable for any small boat furling system. It has a stainless steel ball race in a stainless casing maximising strength and reducing windage.

### FURLING GEAR & SWIVEL CONNECTORS



HA4904



HA4202



HA4102



HA4222



HA4422



HA4904LZ

### NYLON MAST AND TUBE FITTINGS



HA.360



HA.363



HA.464



HA.466



HA.469



HA.470 TOP



HA.471 TOP



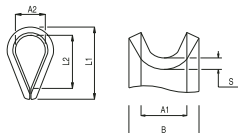
HA.472

Description	Part No.	Fixing Hole Size (mm)	Pin Dia. (mm)	Fork Width (mm)	Dist. Betwn. Fixings (mm)	Length (mm)	Height (mm)	Weight (g)	SWL (kg)
Furling unit	HA4904	–	5	–	–	–	73.5	212	400
Furling system top swivel	HA4202	–	5	11	33	48	–	38	400
Stainless steel swivel connector	HA4102	–	5	12 / 9	–	49	–	23	200
Universal swivel base	HA4222	4	4	–	33	–	30	28	300
Stainless steel swivel base	HA4422	4	4	–	33	–	30	9	300
Integral bow bar furling unit	HA4904LZ	5	5	11	–	235	225	65	330
Description	Part No.	To Fit Tube I/D (mm)	To Fit Tube O/D (mm)	Tenon Size (mm)	Max Rope Size (mm)	Fitting I/D (mm)			
End plug	HA.360	22	25	–	–	–			
End plug	HA.363	29	32	–	–	–			
End cap	HA.464	41	45	–	–	–			
Nylon mast heel	HA.466	47	50	29 x 29	–	–			
Nylon mast cap	HA.469	42	44	–	6	–			
Nylon boom end cap	HA.470 TOP	34	38	–	5	–			
Nylon gooseneck liner	HA.471 TOP	34	38	–	–	19			
End cap	HA.472	43	46	–	–	–			

\*N.B. The O/D tube dimensions quoted are guides to aid a flush fit on the flanges of the mouldings. Slight variations are not critical.

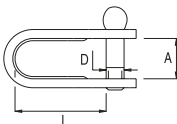
## THIMBLES

HA6010  
HA6011  
HA6012  
HA6013  
HA6014



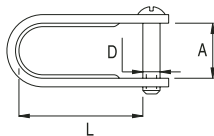
## STRIP SHACKLES

HA6020  
HA6021  
HA6022  
HA6023  
HA6024  
HA6025  
HA6027  
HA6028



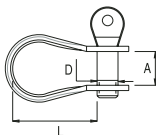
## STRIP SHACKLES - SCREW PIN

HA6035  
HA6036  
HA6037  
HA6038  
HA6039  
HA6040



## BOW SHACKLES

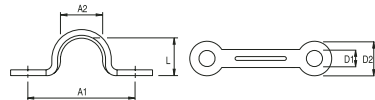
HA6045  
HA6046  
HA6047  
HA6048



Description	Part No.	A1	A2	B	L1	L2	S	KG/100
2mm s/s thimble	HA6010	3	9	5	22.5	17	1	0.2
3mm s/s thimble	HA6011	4	10	5.5	22.5	17	1	0.3
4mm s/s thimble	HA6012	5	11	7.5	28	20	1.2	0.5
5mm s/s thimble	HA6013	6	13	8.5	32	21	1.2	0.7
6mm s/s thimble	HA6014	7	15	10	39	27	1.5	1.2
Description	Part No.	D	A	L	Break Load (kg)	KG/100		
s/s strip shackle with M4 pin	HA6020	M4	10	15	500	0.5		
s/s strip shackle with M4 pin	HA6021	M4	11	20	600	0.6		
s/s strip shackle with M5 pin	HA6022	M5	12	17	1000	1		
s/s strip shackle with M5 pin	HA6023	M5	16	24	1000	1.6		
s/s strip shackle with M5 pin	HA6024	M5	16	36	1200	1.8		
s/s strip shackle with M5 pin	HA6025	M5	13.5	25	1200	1.5		
s/s strip shackle with M6 pin	HA6027	M6	16	23	1400	1.6		
s/s strip shackle with M6 pin	HA6028	M6	14	40	2000	2.9		
s/s strip shackle with M4 screw pin	HA6035	M4	10	15	500	0.5		
s/s strip shackle with M4 screw pin	HA6036	M4	11	20	600	0.6		
s/s strip shackle with M5 screw pin	HA6037	M5	12	17	1000	1		
s/s strip shackle with M5 screw pin	HA6038	M5	16	24	1000	1.6		
s/s strip shackle with M5 screw pin	HA6039	M5	16	36	1200	1.8		
s/s strip shackle with M5 screw pin	HA6040	M5	12	25	1200	1.5		
s/s strip bow shackle with M6 pin	HA6045	M6	14	23	2000	2.5		
s/s strip bow shackle with M8 pin	HA6046	M8	17	31	3000	4.5		
s/s strip bow shackle with M10 pin	HA6047	M10	21	40	5000	8.5		
s/s strip bow shackle with M12 pin	HA6048	M12	25	50	7000	16		

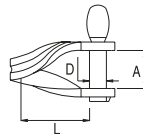
## EYE STRAP

HA6050  
HA6051  
HA6052



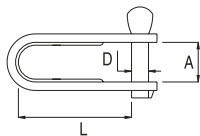
## TWISTED STRIP SHACKLE

HA6060  
HA6061  
HA6062



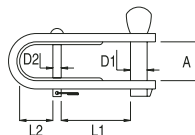
## SHACKLES - CAPTIVE PIN

HA6065  
HA6066  
HA6067  
HA6068  
HA6069



## SHACKLES - CAPTIVE PIN WITH SECOND PIN

HA6075  
HA6076  
HA6077  
HA6078



Description	Part No.	D1	D2	A1	A2	L	KG/100	
eye strap with 28mm hole centres	HA6050	4.2	9	28	11	12	0.3	
eye strap with 34mm hole centres	HA6051	5	11	34	15	14	0.5	
eye strap with 44mm hole centres	HA6052	5.3	12	44	20	19	1	
Description	Part No.	D	A	L	Break Load (kg)	KG/100		
twisted s/s strip shackle w. 5mm pin	HA6060	M5	12	22	1200	1.5		
twisted s/s strip shackle w. 5mm pin	HA6061	M5	12	33	1200	1.7		
twisted s/s strip shackle w. 6mm pin	HA6062	M6	14	36	2000	2.9		
s/s captive pin strip shackle w. 4mm pin	HA6065	4	11	20	600	0.5		
s/s captive pin strip shackle w. 5mm pin	HA6066	5	15	36	1200	1.8		
s/s captive pin strip shackle w. 5mm pin	HA6067	5	13	26	1200	1.5		
s/s captive pin strip shackle w. 6mm pin	HA6068	6	15	40	2000	2.9		
s/s captive pin strip shackle w. 6mm pin	HA6069	6	14	25	2000	2		
Description	Part No.	D1	D2	A	L1	L2	Break Load (kg)	KG/100
s/s captive pin strip shackle w. second pin	HA6075	5	3	12	14	9	700	1.6
s/s captive pin strip shackle w. second pin	HA6076	5	3	15	21	12	700	1.9
s/s captive pin strip shackle w. second pin	HA6077	6	3	14	25	12	1500	3
s/s captive pin strip shackle w. second pin	HA6078	8	3	20	26	12	2000	5.1

## RIGGING SCREWS

HA6110  
HA6112  
HA6114  
HA6116



## RIGGING SCREWS

HA6132  
HA6134  
HA6136  
HA6138  
HA6140



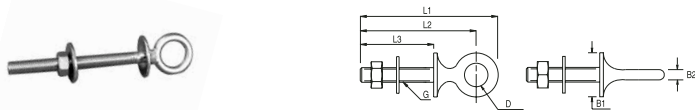
## SWAGE STUD

HA6152  
HA6153  
HA6154  
HA6155  
HA6156  
HA6157  
HA6158



## EYE BOLTS

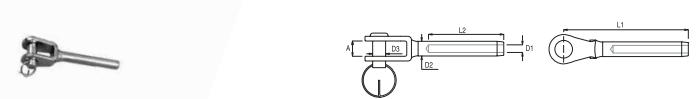
HA6200  
HA6204  
HA6208  
HA6212  
HA6214



Description	Part No.	G Metr.	L1	L2	L3	A	D	Break Load (kg)	KG/100		
s/s fork / fork rigging screw M5 thread	HA6110	M5	180	126	80	8	5	800	5.1		
s/s fork / fork rigging screw M6 thread	HA6112	M6	200	138	92	8	5	1250	9		
s/s fork / fork rigging screw M8 thread	HA6114	M8	234	158	112	10	6	1300	14		
s/s fork / fork rigging screw M10 thread	HA6116	M10	272	188	120	11	8	2600	24		
Description	Part No.	G Metr.	Wire Metr.	L1	L2	L3	A1	A2	D1	D2	KG/100
s/s fork / stud rigging screw 2.5mm wire	HA6132	M5	2	206	152	80	2.2	8	5.5	5	4.5
s/s fork / stud rigging screw 3mm wire	HA6134	M6	3	232	170	92	3.5	8	6.35	6	8.5
s/s fork / stud rigging screw 4mm wire	HA6136	M6	4	242	180	92	4.4	8	7.5	5	8.7
s/s fork / stud rigging screw 4mm wire	HA6138	M8	4	275	199	112	4.4	10	7.5	6	13
s/s fork / stud rigging screw 5mm wire	HA6140	M8	5	281	205	112	5.3	10	9	6	13.2
Description	Part No.	G Metr.	Wire Dia.	L1	L2	L3	D	A	NV	KG/100	
M5 (r/h) threaded swaged stud 2.5mm wire	HA6152	M5	2.5	87	32	42	5.5	2.8	4.5	1.5	
M5 (l/h) threaded swaged stud 2.5mm wire	HA6153	M5	2.5	87	32	42	5.5	2.8	4.5	1.5	
M6 (r/h) threaded swaged stud 3mm wire	HA6154	M6	3	100	38	48	6.35	3.5	5	2	
M6 (l/h) threaded swaged stud 3mm wire	HA6155	M6	3	100	38	48	6.35	3.5	5	2	
M6 (r/h) threaded swaged stud 4mm wire	HA6156	M6	4	110	45	48	7.5	4.4	6	2.4	
M6 (l/h) threaded swaged stud 4mm wire	HA6157	M6	4	110	45	48	7.5	4.4	6	2.4	
M8 (r/h) threaded swaged stud 4mm wire	HA6158	M8	4	117	45	57	7.5	4.4	6	3	
M8 (l/h) threaded swaged stud 4mm wire	HA6159	M8	4	117	45	57	7.5	4.4	6	3	
M8 (r/h) threaded swaged stud 5mm wire	HA6160	M8	5	123	51	57	9	5.3	7	4	
M8 (l/h) threaded swaged stud 5mm wire	HA6161	M8	5	123	51	57	9	5.3	7	4	
Description	Part No.	G	L1	L2	L3	B1	B2	D	Thread Length (mm)	Break Load (kg)	KG/100
s/s eye bolt M6 x 30mm	HA6200	M6	57	46	30	25	5	13	30	1360	1.8
s/s eye bolt M6 x 60mm	HA6204	M6	87	76	60	25	5	13	60	1360	2.6
s/s eye bolt M8 x 35mm	HA6208	M8	66	53	35	25	6	15	35	2390	3.8
s/s eye bolt M8 x 80mm	HA6212	M8	110	98	80	25	6	15	75	2390	5.5
s/s eye bolt M10 x 55mm	HA6214	M10	86	70	51	30	8	16	51	2500	8.9

## FORK TERMINALS

HA6166  
HA6167  
HA6168  
HA6169  
HA6170  
HA6171  
HA6172



## EYE TERMINALS

HA6175  
HA6176  
HA6177  
HA6178



## 'T' TERMINALS

HA6185  
HA6186  
HA6187  
HA6188  
HA6180



## 'T' TERMINAL BACK PLATE

HA6195  
HA6196

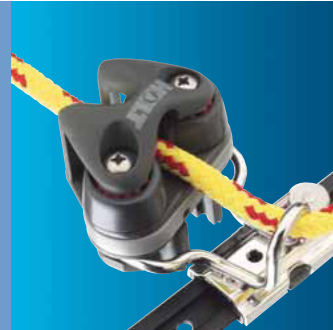


Description	Part No.	Wire Metric.	Wire Inch.	D1	D2	D3	L1	L2	A	KG/100
s/s fork terminal for 2.5mm wire w. 5mm pin	HA6166	2.5	3/32"	2.8	5.5	5	58	32	7	2
s/s fork terminal for 3mm wire w. 5mm pin	HA6167	3	1/8"	3.5	6.35	5	65	38	7	2.3
s/s fork terminal for 3mm wire w. 6mm pin	HA6168	3	1/8"	3.5	6.35	6	66	38	9	2.8
s/s fork terminal for 4mm wire w. 5mm pin	HA6169	4	5/32"	4.4	7.5	5	71	45	7	2.7
s/s fork terminal for 4mm wire w. 6mm pin	HA6170	4	5/32"	4.4	7.5	6	73	45	9	3.4
s/s fork terminal for 5mm wire w. 6mm pin	HA6171	5	3/16"	5.3	9	6	80	51	9	4.1
s/s fork terminal for 5mm wire w. 8mm pin	HA6172	5	3/16"	5.3	9	8	84	51	11	5.5
s/s eye terminal for 2mm wire	HA6175	2	1/16"	2.2	5.5	5.5	49	32	3	0.9
s/s eye terminal for 2.5mm wire	HA6176	2.5	3/32"	2.8	5.5	5.5	49	32	3	0.8
s/s eye terminal for 3mm wire	HA6177	3	1/8"	3.5	6.35	6.5	55	38	4	1.3
s/s eye terminal for 4mm wire	HA6178	4	5/32"	4.4	7.5	8.5	67	45	5	2.3
Description	Part No.	Wire Metric.	Wire Inch.	A	B	C	D	KG/100		
s/s 'T' terminal for 2mm wire	HA6185	2	1/16"	80	32	2.2	5.5	1.5		
s/s 'T' terminal for 2.5mm wire	HA6186	2.5	3/32"	80	32	2.7	5.5	1.5		
s/s 'T' terminal for 3mm wire	HA6187	3	1/8"	80	39	3.3	6.35	2		
s/s 'T' terminal for 4mm wire	HA6188	4	5/32"	100	45	4.2	7.5	4		
s/s 'T' terminal for rope	HA6180	2 - 4	-	35	-	-	6	1.5		
Description	Part No.	Wire Metric.	A	B	C	D	KG/100			
s/s 'T' terminal back plate 2-3mm	HA6195	2.0 - 3.0	50	13	7	165	0.5			
s/s 'T' terminal back plate 4-5mm	HA6196	4.0 - 5.0	88	26	9.5	26	3.5			



From CNC milled solid aluminium ball race travellers to Nylon through deck bushes, the extensive range of Holt deck hardware can cater for every requirement.

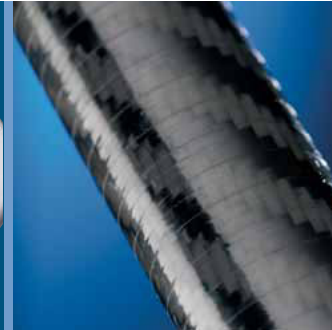
A wide selection of aluminium tracks, tube and keel band are available with every conceivable specification catered for. Whether you require anodised, drilled or undrilled, short or long we will have something to suit your requirements.



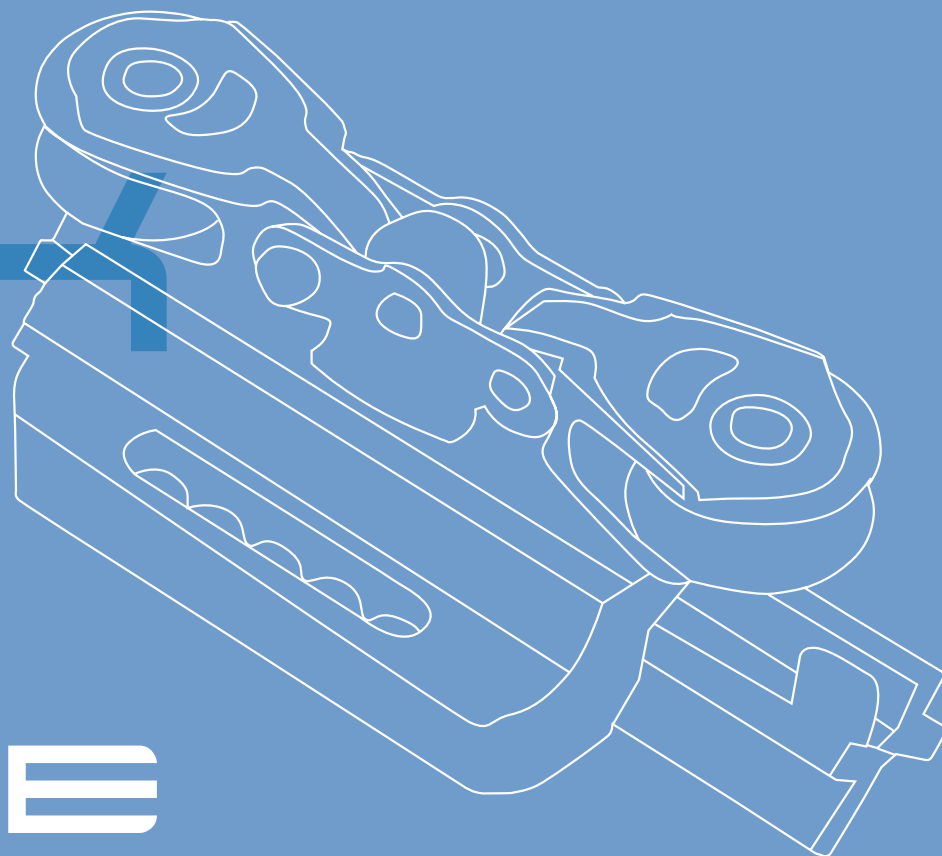
The Holt traveller systems range from simple piston stop fairlead for jib sheets to bent track self-tacking jib systems for catamarans. Various options are available to cater for a variety of mainsheet traveller systems.



Slightly less high profile but just as vital to performance are our extensive range of hatches, bungs and self-bailers. Holt hatches feature an external 'O' ring that ensures a proper seal is maintained at all times when the cover is secured. The screw in bung also has an internal 'O' ring to ensure your craft remains watertight.



Also included in this section is our range of tiller extensions. The Holt lightening sticks made from 100% carbon fibre are the lightest in it's class. The extendable version with twist lock grip is a modern classic for use on single trapeze boats. Make sure you check it out as it is going to be the only thing you want to be seen holding this coming season.



# DECK HARDWARE



## ADJUST JIB TRACK FAIRLEADS

Developed with Team Holt Silver medalist's 470 sailors Nick Rogers and Joe Glandfield. These jib cars offer full adjustment for fine jib control. CNC milled out of solid aluminium the traveller car has a carbon composite platform mounted, which allows the sheet angle to be set inboard and outboard. Easy calibration, strong, light with soft corners to prevent the crew from getting damaged! Serious kit, for serious campaigns!



Description	Part No.
Adjustable Jib Track (Pair)	HA4490
Self tacking Jib system complete	HA4491
Pro-Lock slug	HA.937
Pro-Ball joint (set)	HA.939



## CATAMARAN SELF TAKING JIB SYSTEM

Using the latest 826 beam section and 'Pro-Ball Joint' system. This allows articulation up and down with side ways movement locked by the curvature of the track. Strong, lightweight and highly versatile this will suit most high performance catamarans.

### RANGE



HA.937



HA.826B

Pro Lock Slug  
in HA.826B Track



## RECIRCULATING BALL BEARING TRAVELLERS

### HOLT ULTRA LOW PROFILE TRAVELLER CAR

Designed specifically to allow multi function applications on boats up to seven metres. The car body is milled from a solid piece of high-grade aluminium with a hard black anodised finish. The car runs on a recirculating ball bearing system providing great strength and durability.

Large slots reduce weight and allow thorough rinsing with fresh water. The central post is manufactured from 316

stainless and insulated to avoid corrosion. Insulated attachment points allow multiple configurations. Using the Profix Car Adaptor the car is able to maximise on travel distance by reducing the block overhang. Combined with it's compact design this makes this car ideal when using a bent track.

**Ideal for:**  
Mainsheet systems and Jib track systems.

### RANGE



HA4244



HA4344



HA4344B



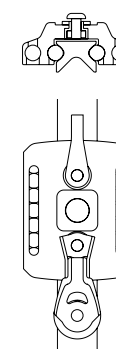
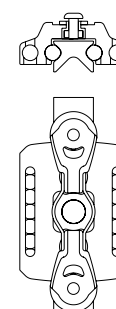
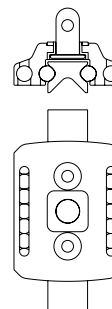
HA4489



HA4489M



HA4489J



Description	Part No.	To Suit Holt Track	Max. Rope Size (mm)	Dia. of Eye (mm)	Height (mm)	Length (mm)	Width (mm)	Weight (g)
ULP traveller car	HA4489	826	–	5	18	60	46	65
ULP car with blocks on Profix car adaptor	HA4489M	826	6	5	30	86	46	94
ULP car with block and "P" clip	HA4489J	826	6	5	30	108	46	95.6
Profix ULP car adaptor	HA4490	–	–	5	10	36	18	6
Traveller carriage with lacing eye	HA4244	826	10	10	33	72	47	87
Low profile hard anodised traveller with block attachment and s/s eyes	HA4344	826	–	13	44	91	46	148
Compact recirculating ball bearing traveller carriage	HA4344B	826	–	–	44	50	46	81



#### SLIDING SHEET LEADS

Piston stop sheet leads ideal for side deck jib sheeting.

Available with either super-light, super-tough carbon composite cam cleats or for the ultimate in durability select the high performance Series Alloy option from the table opposite.

All sheet leads are supplied with track, end stops and fastenings.

(supplied as pair)

#### SLIDING FAIRLEADS

Stainless steel piston stop cars run on PTFE sliders allowing easy adjustment to maintain the best sail trim at all times.

Sliding fairleads are available with HA4280 Midi ball bearing sheet block or simply with the stainless steel fairlead. Both are supplied complete with track, end stops and fastenings.

(supplied as pair)

#### TRACK SLIDES

Pressed stainless track slides with spring loaded piston stop options and with PTFE slides for smooth adjustment. Designed to fit the Holt track range.

#### SLIDING SHEET LEADS



HA4264



HA4474

#### SLIDING FAIRLEADS



HA4573



HA4574

#### TRACK SLIDES



HA4089



HA4354



HA4575

Description	Part No.	Track Length (mm)	Dist. Between Adjustments (mm)	Max Rope Size (mm)
'Series Alloy' wire vertical cam cleat	HA4264	300	19	10
Horizontal 'ALANITE' cam cleat	HA4274	377	19	10
Horizontal 'Series Alloy' cam cleat	HA4274-76	377	19	10
Vertical 'ALANITE' cam cleat	HA4474	300	19	10
Vertical 'Series Alloy' cam cleat	HA4474-76	300	19	10
Piston stop fairlead	HA4573	330	19	–
Piston stop fairlead with ball bearing block	HA4574	330	19	8
Description	Part No.	To Suit Holt Track	Weight (g)	
Mainsheet slider	HA4089	HA 226	34	
Slider with piston stop and lacing eye	HA4354	HA 326/726	81	
Sliding fairlead with piston stopper	HA4575	HA 226	60	

#### TRACKS

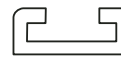
HA.26-1  
HA.26-2  
HA.26-3  
HA.26-4

HA.526-1  
HA.526-2  
HA.526TA

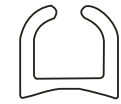
HA.826-2  
HA.826-3  
HA.826-5

HA.226-2  
HA.226-330  
HA.226-5

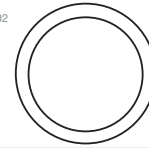
HA.626



HA.656



HA.602



HA.826B-15  
HA.826B-30



#### END STOPS

HA.136



HA.736



HA.536



HA.936



HA.824



#### KEELBANDS

HA.402  
HA.403



HA.302  
HA.303



HA.30



Description	Part No.	Length (m)	Dist Betwn. Fixing (mm)	Fixing Size	Internal Width (mm)	End Stop Required
Alloy track (unanodised)	HA.26-1	3.66	undrilled	–	16	HA.136
Alloy track	HA.26-2	3.66	76	M5	16	HA.136
Alloy track	HA.26-3	0.3	76	M5	16	HA.136
Alloy track	HA.26-4	1.06	76	M5	16	HA.136
Alloy track (unanodised)	HA.526-1	3.66	undrilled	–	19	HA.736
Alloy track	HA.526-2	3.66	76	M5	19	HA.736
Alloy track	HA.526TA	3.66	undrilled	–	19	HA.736
Low profile track	HA.826-2	3.66	102	M5	–	HA.536 & HA.936
Low profile track	HA.826-3	3.66	undrilled	–	–	HA.536 & HA.936
Hard anodised track	HA.826-5	0.9	102	M5	–	HA.536 & HA.936
Alloy track	HA.226-2	3.66	76	M5	–	HA.136
Alloy track	HA.226-330	0.33	19x9.5	M5	–	HA.136
Alloy track	HA.226-5	0.565	73x37.5	M5	–	HA.136
Luff groove track	HA.626	5.4	undrilled	–	–	HA.824
Luff groove track	HA.656	6	undrilled	–	–	–
Spinnaker pole tubing 25mm O/D	HA.602	4	–	–	–	–
Beam track	HA.826B-15	1.5	–	M6	–	HA.938
Beam track	HA.826B-30	3	–	M6	–	HA.938
Locking beam track slug	HA.937	–	–	–	–	–
Convex alloy keelband	HA.402	3.3	undrilled	–	–	–
Convex alloy keelband	HA.403	3.3	102	8 gauge	–	–
Lightweight alloy keelband	HA.302	3.05	undrilled	–	–	–
Lightweight alloy keelband	HA.303	3.05	102	8 gauge	–	–
Keelband fairing	HA.30	–	–	–	–	–

## SELF BAILERS AND BUNGS

Our two designs of self bailer have continued to give excellent performance. The original bailer is the lightest self bailer available and works well even at low hull speeds. The advanced self bailer's 'delta' shape has the advantage of reducing drag and turbulence. It offers superior performance under extremes of roll and yaw and at slow speeds.

### SELF BAILERS



HA4155



HA4555



HA4555KIT



HA4155KIT

### DRAIN SOCKETS AND BUNGS



HA.123



HA.223



HA.323



HA.423



SHA1232

Description	Part No.	Cut Out (mm)	Fix Hole Size (mm)	Weight (g)		
Self bailer with stainless steel guard	HA4155	42 x 62	3	81		
Advanced 'delta' self bailer	HA4555	Template Supplied	3	182		
Spares kit for HA4155 bailer.	HA4155KIT	–	–	–		
Spares kit for HA4555 bailer.	HA4555KIT	–	–	–		
Description	Part No.	Fix Hole Size (mm)	Distance Between Fixing Holes (mm)	Outside Hole Dia. (mm)	Inside Hole Dia. (mm)	Weight (g)
Drain socket	HA.123	3	28	19	17	3
Drain socket with captive bung	HA.223	3	30 x 30 x 30	26	–	7
Drain socket with captive screw	HA.323	3	38	24	–	11
White drain socket with captive	HA.323W	3	38	24	–	11
Screw Bung with socket	HA.423	4	36	22	17	22
Rubber bung to fit HA 123	SHA1232	–	–	–	–	–

\*Screw-in bungs now have 'O' ring seals to ensure they are always 100% water tight



### HATCH COVERS

#### Fitting Specification

Cover and Rim: Polypropylene  
Sealing Ring: Neoprene

#### N.B.

'O' rings need to be ordered separately.



### HATCH STORAGE BAGS

- > New removable storage bags available for both white and grey Holt HA337 hatches.
- > Allow you to store your valuables or food and drink out of harms way whilst afloat.
- > Fit existing Holt hatches without need for further modification.
- > The bag is easily accessed via the zip at the side and is permanently attached to the hatch cover for added security.

### HATCH COVERS

HA.137  
HA.237



HA.137W  
HA.237W



HA.337



HA.337W



HA.537



HA.537W



HA.637



HA.637W



### HATCH STORAGE BAGS

HA.337  
-BAG



HA.337W  
-BAG



HA.537  
-BAG



HA.537W  
-BAG



HA-BAG-KIT



Description	Part No.	Fixing Hole Size (mm)	Cut Out Size (mm)	Opening Size (mm)	'O' Ring Required	Weight (g)
Grey hatch cover (non 'O' ring)	HA.137	3	109	99	–	42
White hatch cover (non 'O' ring)	HA.137W	3	109	99	–	42
Grey hatch cover (non 'O' ring)	HA.237	3	159	144	–	117
White hatch cover (non 'O' ring)	HA.237W	3	159	144	–	117
Small grey 'O' ring seal hatch cover	HA.337	3	110	100	HA338	62
Small white 'O' ring seal hatch cover	HA.337W	3	110	100	HA337	62
Med. grey 'O' ring seal hatch cover	HA.537	3	157	145	HA538	111
Med. white 'O' ring seal hatch cover	HA.537W	3	157	145	HA538	111
Large grey 'O' ring seal hatch cover	HA.637	3	241	223	HA638	266
Large white 'O' ring seal hatch cover	HA.637W	3	241	223	HA638	266
Rubber sealing ring for HA 337/337W	HA.338	–	–	–	–	–
Rubber sealing ring for HA 537/537W	HA.538	–	–	–	–	–
Rubber sealing ring for HA 637/637W	HA.638	–	–	–	–	–
Description	Part No.					
Small grey cover and rim with hatch bag	HA337-BAG					
Small white cover and rim with hatch bag	HA337W-BAG					
Large grey cover and rim with hatch bag	HA537-BAG					
Large white cover and rim with hatch bag	HA537W-BAG					
Bag only with fixing screw	HA-BAG-KIT					

## LIGHTNING STICKS

### EXTENDABLE CARBON FIBRE

Holt worked with the British 470 Sailing Team to develop this new epoxy carbon laminate telescopic tiller extension.

Structured to maximise stiffness at minimum weight, the length of the tiller is easy to adjust using its simple twist and lock mechanism. The tillers soft, lightweight foam grip makes it comfortable and easy to handle.

### CARBON FIBRE

100% carbon fibre ultra light tube with lightweight foam grip, which now has chamfered ends for improved comfort. By using 19mm O/D tube instead of the standard 16mm O/D we have significantly increased the tube stiffness without increasing its weight. The larger diameter tube is more comfortable and easier to grip particularly through gloves or with wet or cold hands.

Lightning Sticks put you firmly in control and give an amazingly responsive feel to the helm. Lightning Sticks - you won't want to let go!

### EXTENDABLE CARBON FIBRE



HA5508-13, HA5511-19

### CARBON FIBRE



HA5506, HA5507, HA5512, HA5514, HA5519, HA5521, HA5525

Description	Part No.	Length (mm)	Length (ft)	Weight (g)
Extendable Carbon Fibre Lightning Stick	HA5508-13	800 - 1300	2'5" - 4'3"	169.5
Extendable Carbon Fibre Lightning Stick	HA5511-19	1100 - 1900	3'6" - 6'3"	231.2
Suitable For	Part No.	Length (mm)	Length (ft)	Weight (g)
Optimist	HA5506	609	2"	95.5
Cadet	HA5507	710	2'3"	103.4
Finn, 470, 420, RS400, Laser 1, Laser 2	HA5512	1200	4'	147.1
RS 400 (long), Merlin Rocket, Int. Moth	HA5514	1400	4'10"	163.5
B14, RS600, Int. 14, Contender, Spice	HA5519	1900	6'3"	205.2
Short armed Int. 14 Sallers, RS 700	HA5521	2100	6'9"	226.2
49er, Laser 5000, Boss	HA5525	2500	8'3"	269.3

## TILLER EXTENSION UNIVERSAL JOINTS

Made from high marine grade aluminium our tiller extensions are stiff and light. They are supplied complete with a soft foam grip, grip end cap and tiller joint (HA5097).

We stock a range of colours and lengths suitable for all sailing dinghies.

### TILLER EXTENSION UNIVERSAL JOINTS



HA4092

HA4098

HA5099

HA5098

### TILLER EXTENSIONS



HA4298

HA4498

HA4698

HA4798

HA4898

HA454

### RETAINING CLIPS



HA..21

HA 4121

HA4229-6, HA4229-8

Description	Part No.	Hole Size (mm)	Bolt Length (mm)	Suit Tiller Ext. (mm)	Weight (g)
Pro Tiller Joint	HA5098	5	-	13 (min I/D)	22
Universal joint with base plate fixing	HA4092	4	32	17 (max O/D)	41
Universal joint with bolt fixing	HA4098	4	-	17 (max O/D)	41
Universal joint (twist open)	HA5099	5	-	13 (min I/D)	27
Suitable for	Part No.	Length (mm)	Length (ft)	Weight (g)	
Topper	HA4298TOP	685	2'3"	177	
Laser 2, Laser 3000	HA4298*	762	2'6"	147	
470, 420, Enterprise, GP14, Pico	HA4498*	915	3'	170	
Laser, RS400, Finn	HA4698*	1067	3'6"	195	
RS B14, RS600, Int. 14, Contender, Spice	HA4798*	1975	6' 6"	347	
Optimist, Cadet	HA4898*	609	2'	124	
Retaining clip	HA454	-	-	-	
Description	Part No.	Fixing Hole Size (mm)	Overall Width (mm)	Weight (g)	
Acetal retaining clip	HA..21	4	53	2.5	
Stainless steel retaining clip	HA4121	5	78	9	
Rudder stock wing nut	HA4229-6	6	57	21	
Rudder stock wing nut	HA4229-8	8	57	20	

\* Add S (Silver), BL (Blue) or R (Red) to code for colour options.

## BULLSEYE FAIRLEADS



HA..52 HA.152 HA.252 HA.452



HA4052 HA4152 HA4252 HA4452

## FAIRLEADS



HA.153, HA4153 HA.253 HA.182 HA.282 HA.382 HA4182, HA4282, HA4382

## ANCHOR PLATES



HA...3 HA4003 HA4003H HA4003M HA4003MS

Description	Part No.	Inside Dia. (mm)	Fixing Hole Size (mm)	Dist. Betwn. Fixing (mm)	Weight (g)
Bullseye fairlead	HA..52	7	3	15	3
Bullseye fairlead	HA.152	14	4	25	8
Bullseye fairlead	HA.252	19	5	34	28
Bullseye fairlead	HA.452	11	3	18	4
Bullseye fairlead with s/s liner	HA4052	6	3	15	4
Bullseye fairlead with s/s liner	HA4152	13	4	25	12
Bullseye fairlead with s/s liner	HA4252	21	5	34	32
Bullseye fairlead with s/s liner	HA4452	10	3	18	6
Low profile open base fairlead	HA.153	7	3	20	3
Anchor plate	HA.253	6	3	18 x 13	4
Open base fairlead	HA.182	7	4	23	4
Open base fairlead	HA.282	9	4	23	6
Open base fairlead	HA.382	12	4	25	9
Low profile fairlead with s/s liner	HA4153	6	3	20	4
Open base fairlead with s/s liner	HA4182	5	4	23	5
Open base fairlead with s/s liner	HA4282	6	4	23	8
Open base fairlead with s/s liner	HA4382	10	4	25	11
Aluminium anchor plate	HA...3	12	5	34 x 16	19
Stainless steel anchor plate	HA4003	9	5	27 x 16	24
Split stainless steel anchor plate	HA4003H	5	5	27 x 16	24
Radiused stainless steel anchor plate	HA4003M	5	5	27 x 16	24
Radiused s/s anchor plate (slotted hole)	HA4003MS	10 x 5	5	27 x 16	24

## DECK BUSHES



HA..39 HA.139 HA.239 HA.339 HA.439 HA.539



HA4039 HA4139 HA4239 HA4339 HA4439 HA4539

## TOE STRAP PLATES & BUCKLES



HA..38 HA.138 HA.238 HA4099 HA99W, HA99G HA4030

## FAIRLEAD & CLEAT BASE



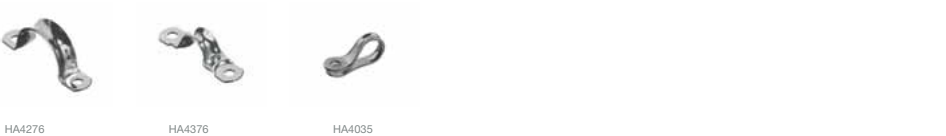
HA.134 HA4334

Description	Part No.	Inside Dia. (mm)	Outside Dia. (mm)	Fixing Hole Size (mm)	Dist. Betwn. Fixing (mm)	Weight (g)		
Through deck bush with flange	HA..39	9	19	3	28	3		
Through deck bush with flange	HA.139	20	33	3	44	7		
Through deck bush with flange	HA.239	12	22	3	31	4		
Through deck bush with flange	HA.339	15	25	3	36	5		
Through deck bush	HA.439	8	13	–	–	0.5		
Through deck bush	HA.539	13	16	–	–	0.7		
S/S lined through deck bush with flange	HA4039	6	19	3	28	5		
S/S lined through deck bush with flange	HA4139	20	33	3	44	12		
S/S lined through deck bush with flange	HA4239	11	22	3	31	12		
S/S lined through deck bush with flange	HA4339	13	25	3	36	8		
Stainless steel lined through deck bush	HA4439	6	13	–	–	0.7		
Stainless steel lined through deck bush	HA4539	13	16	–	–	2		
Description	Part No.	Fixing Hole Size (mm)	Length (mm)	Width (mm)	Thickness (mm)	Dist. Betwn. Fixing (mm)	Inside Length (mm)	Weight (g)
Lacing strap	HA..38	5	58	16	–	43	26	4
Toe strap plate: grey nylon	HA..99G	5	47	19	5	28	–	3.5
Toe strap plate: white nylon	HA..99W	5	47	19	5	28	–	3.5
Lacing strap	HA.138	5	66	16	–	51	35	5
Lacing strap	HA.238	5	74	16	–	58	48	7
Toe strap buckle: stainless steel	HA4030	–	57	38	2	–	–	24
Toe strap plate: stainless steel	HA4099	5	51	16	2	28	–	9.5
Description	Part No.	Max Rope Size (mm)	Fixing Hole Size (mm)	Dist. Betwn. Fixing (mm)	Weight (g)			
Acetal sheet fairlead	HA.134	12	5	5	30			
Cleat base and fairlead with large composite cleat	HA4334	12	5	5	96			

# FORGED STAINLESS STEEL EYE STRAPS



# STAINLESS STEEL LACING EYES



# ROWLOCKS & SOCKETS



Description	Part No.	Bore (mm)	Fixing Hole Size (mm)	Hole Centres (mm)	Weight (g)			
Small forged s/s eye strap	HA5014	–	4	27	3.2			
Small forged s/s eye strap with ferrule	HA5014F	8	4	27	3.6			
Forged s/s eye strap	HA5015	–	5	33	6.4			
Forged s/s eye strap with ferrule	HA5015F	10	5	33	8.2			
Forged s/s eye strap	HA5016	–	6	40	12			
Forged s/s eye strap with ferrule	HA5016F	14	6	40	15			
Small pressed s/s lacing eye	HA4288	8	3	22	1			
Small pressed s/s V style lacing eye	HA4388	8	4	27	1.5			
Pressed s/s lacing eye	HA4073	12	5	34	4			
Small pressed s/s lacing eye	HA4088	16	5	41	5			
Large pressed s/s V style lacing eye	HA4488	14	6	39	4			
Large pressed s/s lacing eye	HA4588	32	6	53	12			
Wide pressed s/s lacing eye	HA4276	20	5	40	9			
Small wide pressed s/s lacing eye	HA4376	8	5	40	7			
Looped s/s lacing eye (P clip)	HA4035	–	5	–	5			
Description	Part No.	To Suit Oar Dia. (mm)	Fixing Hole Size (mm)	Rowlock Dia. (mm)	Hole Centres (mm)	To Fit Tube I/D (mm)	To Fit Tube O/D (mm)	Weight (g)
Small rowlock	HA.290	38	–	19	–	–	–	33
Small white rowlock	HA.290W	38	–	19	–	–	–	33
Large rowlock	HA.390	45	–	19	–	–	–	40
Large white rowlock	HA.390W	45	–	19	–	–	–	40
Rowlock socket	HA.391	–	4	19	49	–	–	20
White rowlock socket	HA.391W	–	4	19	49	–	–	20
Side mount socket	HA.392	–	4	19	37 x 55	–	–	35
White side mount socket	HA.392W	–	4	19	37 x 55	–	–	35
Boat hook end	HA.361	–	–	–	–	22	25	17

# TRANSOM PINTLES & GUDGEONS



# RUDDER PINTLES & GUDGEONS



Description	Part No.	Fixing Hole Size (mm)	Overall Width (mm)	Hole or Pin Dia. (mm)	Strap Length (mm)	Transom to Pin Centre (mm)	Weight (g)	
Transom gudgeon	HA.420	5	131	8.1	30	39	42	
Transom pintle	HA.519	5	70	7.8	–	19	89	
Transom gudgeon	HA.520	5	70	8	–	19	28	
Transom pintle	HA4019	4	80	7.8	57	18	67	
Transom pintle	HA4019S	4	76	7.8	57	17	112	
Transom gudgeon	HA4020	5	70	8	–	18	22	
Transom gudgeon	HA4020S	5	76	8	–	17	41	
Transom gudgeon	HA4120	5	76	8	–	18	17	
Transom pintle	HA4317	4	32	7.8	37	18	40	
Optimist transom gudgeon	HA4420	4	–	6.3	–	–	24	
Description	Part No.	Fixing Size (mm)	Width (mm)	Hole/Pin Dia (mm)	Pin Length (mm)	Length (mm)	Dist. Stock to Pin (mm)	Weight (g)
Rudder pintle	HA4017-23	4	23	7.8	40	89	18	88
Rudder pintle	HA4017-35	4	35	7.8	40	89	18	101
Rudder pintle	HA4017-42	4	42	7.8	40	89	18	101
Rudder pintle	HA4017-45	4	45	7.8	40	89	18	101
Rudder pintle	HA4017-51	4	51	7.8	40	89	18	101
Rudder pintle	HA4017-54	4	54	7.8	40	89	18	101
Rudder pintle	HA4017C-38	4	38	7.8	40	89	18	101
Rudder gudgeon	HA4018-23	4	23	8	–	135	18	87
Rudder gudgeon	HA4018-35	4	35	8	–	145	18	105
Rudder gudgeon	HA4018-42	4	42	8	–	145	18	105
Rudder gudgeon	HA4018-45	4	45	8	–	140	18	105
Rudder gudgeon	HA4018-51	4	51	8	–	140	18	105
Rudder gudgeon	HA4018-54	4	54	8	–	140	18	105
Rudder gudgeon	HA4018C-38	4	38	8	–	92	18	83
Rudder gudgeon	HA4106	4	38	8	–	120	18	126
Rudder pintle	HA4117L	4	11	7.8	47	70	18	57
Rudder pintle	HA4117S	4	11	7.8	35	70	18	49
Rudder gudgeon	HA4318	4	43	8	–	123	18	123
Optimist rudder pintle (long pin)	HA4417L	4	15	6	35	78	–	44
Optimist rudder pintle (short pin)	HA4417S	4	15	6	19	78	–	40

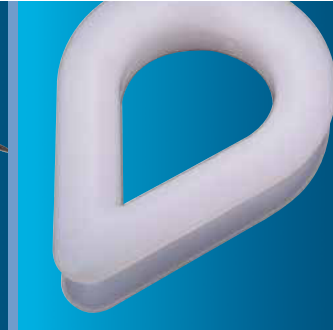


## QUALITY WHERE IT COUNTS

Burgee's, rope stoppers, hooks, clips and shackles are essential components that provide the finishing touches to any system and project.



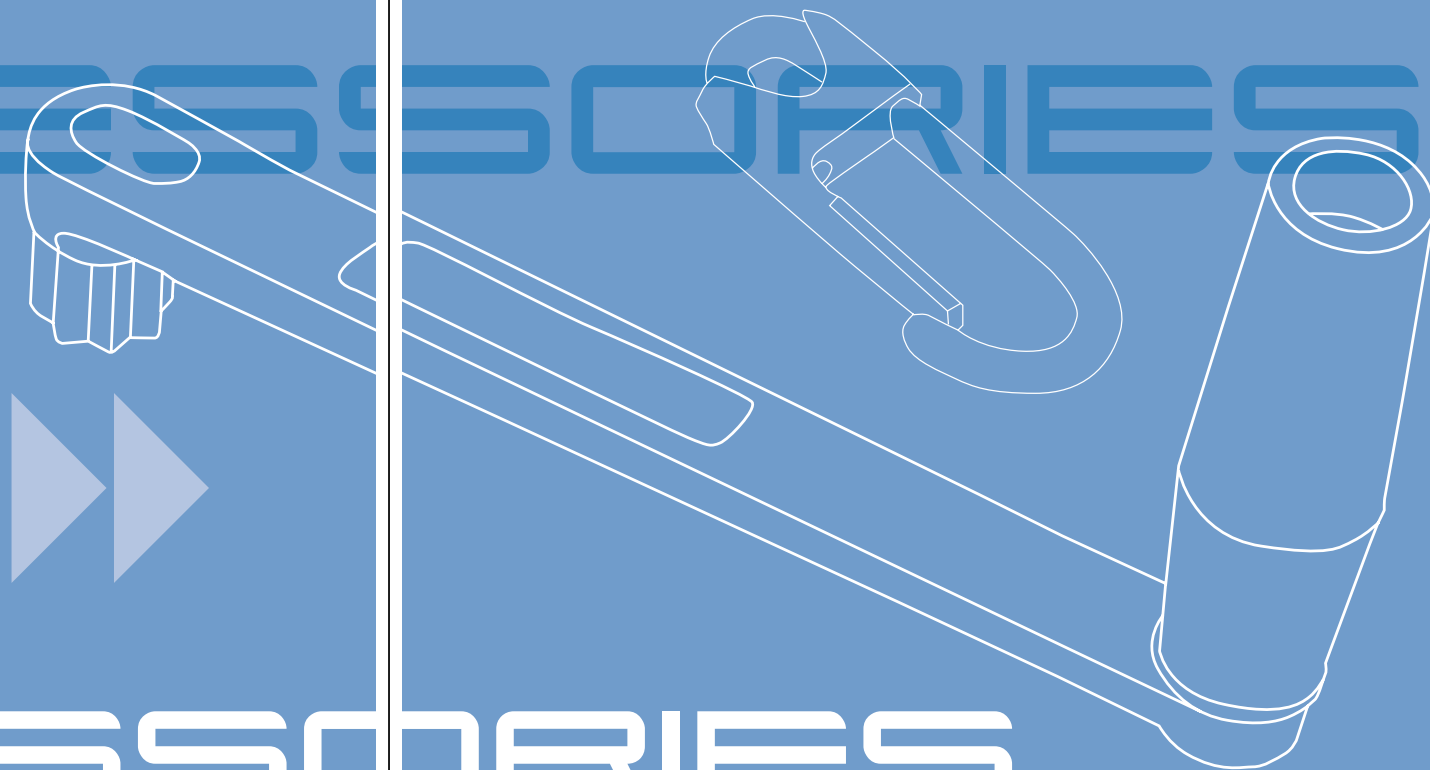
The classic Holt burgee has evolved after over forty years of production and this year we introduce the 'Pro-Flag' designed to reduce windage and give accurate wind indication fitting into the standard Holt burgee clip this new design is set for a few decades. This is accompanied by the new 'Wintec' this is a larger boat wind indicator - high quality and great value.



Sail makers hardware contains an extensive range of Nylon thimbles and sail slug, plus some interesting facts about post production secrets. High quality and durability, no wonder they are the preferred choice of some of the largest sail makers in the world.



ACCESSORIES



ACCESSORIES

## BURGEEES & FLAGS

The extensive range of HA flags covers both cruising and racing in a wide range of colours from red and blue to fluorescent green.

### RANGE



HA.167ASS\*10



HA.168ASS\*10



HA.169ASS\*10



HA4066

## WINTEC

Completing the overhaul of our wind indication range. This moulded wind indicator is designed for boats up to 13 metres. Aluminium shaft with angle vanes enable close course setting. Robust bracket for easy mounting makes this the perfect solution is you are cruising or racing.

### WINTEC



HN..2

Description	Part No.	Colours	Flag Size (mm)	Shaft Length (mm)	Weight (g)
10 Racing Pro-Flag	HA.167ASS*10	Assorted	110 x 120	410	30
10 Racing Short Shaft Pro-Flag	HA.168ASS*10	Assorted	110 x 120	270	26
10 Cruising Pro-Flag	HA.169ASS*10	Assorted	170 x 120	410	30
Burgee Clip for mast	HA4066	-	-	-	-
Wintec Inc. Bracket	HN..2	-	-	276	10

### INGLEFIELD CLIPS



HA.174



HA..74



HA..75

### BALL STOPPERS



HA.322



HA.122



HA.222



HA..22

Description	Part No.	Max Rope Dia. (mm)	Length (mm)	Thickness (mm)	Weight (g)
Spinnaker clip	HA..74	6	36	4	7
Flag clip	HA..75	5	26	7	2
Large spinnaker clip	HA.174	10	50	10	19
Description	Part No.	Colour	Pack Quantity		
Up to 4mm line (13mm O/D)	HA..22*50	Grey	50		
Up to 4mm line (13mm O/D)	HA..22*2	Grey	2		
Up to 4mm line (13mm O/D)	HA..22ASS*50	Assorted	50		
Up to 4mm line (13mm O/D)	HA..22W*2	White	2		
Up to 4mm line (13mm O/D)	HA..22W*50	White	50		
Up to 5mm line (19mm O/D)	HA.222*2	Grey	2		
Up to 5mm line (19mm O/D)	HA.222*50	Grey	50		
Up to 5mm line (19mm O/D)	HA.222W*2	White	2		
Up to 5mm line (19mm O/D)	HA.222ASS*50	Assorted	50		
Up to 7mm line (25mm O/D)	HA.122*2	Grey	2		
Up to 5mm line (19mm O/D)	HA.222W*50	White	50		
Up to 7mm line (25mm O/D)	HA.122W*2	White	2		
Up to 7mm line (25mm O/D)	HA.122*50	Grey	50		
Up to 8mm line (31mm O/D)	HA.322*2	Grey	2		
Up to 7mm line (25mm O/D)	HA.122ASS*50	Assorted	50		
Up to 8mm line (31mm O/D)	HA.322W*2	White	2		
Up to 7mm line (25mm O/D)	HA.122W*50	White	50		
Up to 8mm line (31mm O/D)	HA.322*50	Grey	50		
Up to 8mm line (31mm O/D)	HA.322ASS*50	Assorted	50		
Up to 8mm line (31mm O/D)	HA.322W*50	White	50		

# HOLT BUOYANCY BAGS

Holt buoyancy bags are made of tough and thoroughly tested heavy duty PVC\*, shaped and finished to fit snugly in your dinghy.


Do not use the loops for the actual attachment. Apart from the welded loops, each bag has a flexible screw cap and nozzle with a slow return valve to aid inflation.

**Production Specifications**  
Buoyancy Bags of PVC 0.16" thick, to British Standard 3501-1.  
*\*Except the new SB2902 which is made from reinforced woven cloth.*

**Fitting Instructions**  
After checking that there are no sharp points to snag, they should be firmly secured to the dinghy by webbing straps passing over and round the bag through the positioning loops.

**Repair Kits**  
SBF 2000: Repair outfit with patches and adhesive suitable for small repairs to Holt buoyancy bags.

RANGE



SB2101

SB2102

SB2103

SB2104

SB2111

SB2112

SB2202

SB2302

SB2402

SB2502

SB2602

SB2702

SB2802

SB2902

Examples of buoyancy bag sets	Part No.	Description
Enterprise	1 - SB2101	Bow Bag
	4 - SB2102	Bow Bag
Most 12' Dinghies	1 - SB2101	Bow Bag
	4 - SB2102	Pillow Bags
G.P.14	1 - SB2101	Bow Bag
	2 - SB2102	Pillow Bags
	2 - SB2302	Pillow Bags
Heron	1 - SB2101	Bow Bag
	4 - SB2202	Pillow Bags
International Cadet	4 - SB2302	Pillow Bags
Optimist	3 - SB2902	Pillow Bags

Description	Part No.	Size (cm)	Size (inches)	Buoyancy (kg)	Weight (g)
Shaped Bow Bag	SB2101	83 x 91.5 x 35.5	33 x 36 x 14	158.7	673
Pillow Bag	SB2102	116.7 x 25.4	46 x 10	50.8	380
Shaped Stern Bag	SB2103	91.5 x 76 x 53.3 x 30.5	36 x 30 x 21 x 12	124.7	765
Pillow Bag	SB2104	152 x 25	60 x 10	72.0	486
Shaped Baby	SB2111	40 x 40.6 x 40.6	16 x 16 x 16	42.5	255
Pillow Bag	SB2112	140 x 45.6	55 x 14	80.0	730
Pillow Bag	SB2202	55.8 x 22.8	22 x 9	18.1	181
Pillow Bag	SB2302	91.5 x 30.5	36 x 12	45.0	396
Pillow Bag	SB2402	99 x 23	39 x 9	34.0	325
Pillow Bag	SB2502	76 x 15	30 x 6	11.3	163
Pillow Bag	SB2602	101.5 x 15	40 x 6	15.8	189
Pillow Bag	SB2702	45.7 x 15	18 x 6	6.8	91
Pillow Bag	SB2802	99 x 42	39 x 16	44.0	375
Optimist Bag	SB2902	99 x 42	39 x 16	44.0	223
Spare cap for nozzle	HA2002	-	-	-	-

# WINCH HANDLES



Made from high grade anodised aluminium with free-running nylon handle. HA Winch Handles are available short or long with locking or non-locking socket.

RANGE



HA1221L, HA1331L

HA1221, HA1331

Description	Part No.
200mm winch handle	HA1221
200mm winch handle (locking)	HA1221L
250mm winch handle	HA1331
250mm winch handle (locking)	HA1331L



## 'HANDY' HOOKS & NYLON SPRING HOOKS



HA..59 HA.259 HA.559 HA.359 HA.659

## 'S' HOOKS



HA4659 HA4759 HA4159 HA4259 HA4459

## HOOKS



HA4869K HA4057 HA4157 HA4369 HA4969



HA4869

Description	Part No.	Max Rope Size (mm)	Length (mm)	Weight (g)
Nylon 'handy' hook	HA..59	4	38	2
Nylon 'handy' hook	HA.259	6	47	5
Nylon 'handy' hook	HA.559	8	62	11
Nylon spring hook	HA.359	8	53	5
Nylon spring hook	HA.659	6	53	10
'S' hook	HA4159	10	67	19
'S' hook with spring keeper	HA4259	10	67	20
'S' hook welded with spring keeper	HA4459	10	61	27
'S' hook welded	HA4659	10	61	27
'S' hook welded	HA4759	10	69	36
Forged hook with keeper	HA4869K	5	52	24.1
Small outhaul hook	HA4057	–	90	33
Spinnaker uphaul hook	HA4157	4	–	9
Hook with nylon retaining spring	HA4369	6	60	16
Twisted forged hook	HA4969	5	52	23
Forged hook	HA4869	5	52	23

## SPRING CLIPS



HA.754 HA.854 HA.254 HA.354 HA.554



HA.654

## SNATCH FAIRLEADS & LACING HOOKS



HA..61 HA.148 HA.135 HA.248 HA.435



HA.535

Description	Part No.	Tube Dia. (mm)	Base Size (mm)	Overall Height (mm)	Fixing Hole Size (mm)	Dist. Betwn. Fixings (mm)	Weight (g)
Nylon spring clip - Black	HA.254	25	19x14x4	34	3	9	3
Nylon spring clip - White	HA.254W	25	19x14x4	34	3	9	3
Nylon spring clip - Black	HA.354	32	30x18x4	46	4	11	7
Nylon spring clip - White	HA.354W	32	30x18x4	46	4	11	7
Nylon spring clip - Black	HA.554	38	35x19x4	55	4	12	10
Nylon spring clip - White	HA.554W	38	35x19x4	55	4	12	10
Nylon spring clip - Black	HA.654	44	41x22x5	64	4	21	16
Nylon spring clip - Black	HA.754	19	19x14x4	25	3	single	0.5
Nylon spring clip - White	HA.754W	19	19x14x4	25	3	single	0.5
Nylon spring clip - Black	HA.854	22	22x16x5	29	3	8	30.6

Description	Part No.	Rope Dia. (mm)	Height (mm)	Length (mm)	Fixing Hole Size (mm)	Dist. Betwn. Fixings (mm)	Weight (g)
Acetal resin lacing hook-grey	HA..61	5	16	25	3	16	2
Acetal resin lacing hook-white	HA..61W	5	16	25	3	16	2
Nylon lacing hook	HA.148	5	16	49	3	14	0.5
Nylon lacing hook	HA.135	8	20	49	4	19	4
Nylon lacing hook	HA.248	4	18	57	4	43	4
Acetal resin snatch lead	HA.435	10	25	55	4	40	8
Acetal resin snatch lead	HA.535	12	34	72	5	53	21

# STAINLESS STEEL NARROW FORGED SHACKLES



This latest range of small stainless shackles have been specially forged to reduce the width of the arms without compromising the strength of the product.

All are supplied with a slotted pin as standard which, apart from the obvious advantages of reduced risk of snagging, also look better and weigh less.

## STAINLESS STEEL NARROW FORGED SHACKLES



HA5404S



HA5405S



HA5405N



HA5406S

## STAINLESS STEEL RIGGING LINKS & PRESSED SHACKLES



HA4138



HA4128



HA4328



HA4228



HA4048

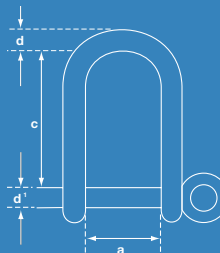


HA4828

Description	Part No.	Length (mm)	Width Btwn. Arms (mm)	Pin Dia. (mm)	Breaking Load (kg)	Weight (g)
3mm Forged shackle with slotted pin	HA5404S	15	9	4	780	4.4
4mm Forged shackle with slotted pin	HA5405S	19	11	5	1250	9
4mm Narrow forged shackle	HA5405N	19	5	5	1250	8.2
6mm Forged shackle with slotted pin	HA5406S	24	13	6.4	2500	19
Description	Part No.	Opening (mm)	Pin Size (mm)	Length (mm)	Strap Width (mm)	I/D (mm)
Pressed rigging link	HA4138	17	5	43	13	—
Pressed rigging link	HA4338	19	5	59	13	—
Pressed rigging link	HA4128	7	5	29	7	—
Narrow pressed rigging link	HA4028	9	5	26	5	—
Narrow pressed rigging link	HA4328	13	5	31	5	—
Narrow pressed rigging link	HA4428	17	5	30	5	—
Narrow pressed rigging link	HA4528	13	5	24	5	—
Narrow pressed rigging link	HA4728	10	3	17	4	—
Large pressed rigging link	HA4228	8	5	44	11	13
Pressed shackle	HA1438	18	6.5	39	7	—
Pressed shackle	HA4048	13	5	31	5	—
Pressed shackle	HA4148	8	5	16	5	—
Pressed shackle	HA4348	13	5	25	5	—
Bayonet halyard shackle	HA4828	13	5	36	13	—



## STAINLESS STEEL POLISHED FORGED SHACKLES



## STAINLESS STEEL SPRINGS

Large cylindrical springs are designed to suit blocks such as the AUTORATCHET™ as well as some ball race blocks in the Midi range and above.

Conical springs are ideal for the micro range but are also suitable for blocks in the Midi range.

## STAINLESS STEEL POLISHED FORGED SHACKLES



'D' Shackle



Bow Shackles



Twisted Shackles



Extended 'D' Shackles



Extended Twist Shackles

## STAINLESS STEEL SPRINGS



HA1034



HA4033



HA4034

Description	Part No.	Size (mm)				Breaking Load (kg)
		a	c	d	d1	
'D' Shackle	F731L	8	16	4	4	800
	F732L	10	20	4.8	5	1500
	F733L	13	25	6	6	1950
	F734L	16	32	8	8	3000
	F735L	19	38	9.5	9.5	4800
	F736L	26	52	12	12.5	6000
Bow Shackles	F745L	8	18	4	4	600
	F746L	10	22	4.8	5	1200
	F747L	13	28	6	6	1600
	F748L	16	35	8	8	2400
	F749L	19	38	9.5	9.5	3800
	F750L	26	52	12.5	12.5	6000
Twisted Shackles	F752L	10	20	4.8	5	1200
	F753L	13	25	6	6	1600
	F754L	16	32	8	8	2400
	F755L	19	38	9.5	9.5	3800
Extended 'D' Shackles	F737L	8	30	4	4	800
	F738L	10	29	4.8	5	1200
	F739L	13	43	6	6	1600
	F740L	16	49	8	8	2400
	F741L	20	75	10	10	3800
	F751AL	8	30	4	4	800
Extended Twist Shackles	F752AL	10	36	5	5	1200
	F753AL	12	43	6	6	1600
	F754AL	13	50	8	8	2400

## NYLON SAIL & TRACK SLIDES & SLUGS

The perfect egg takes 4 minutes to boil, much like the perfect sail slug!

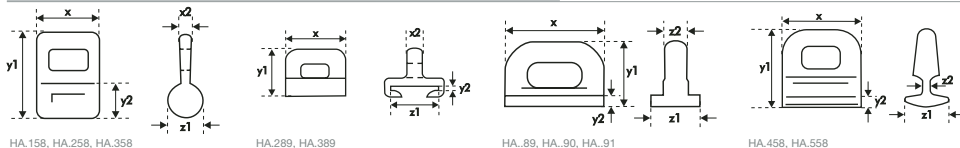
Holt nylon sail fittings are doused in boiling water for 4 minutes directly after they have been moulded.

### Why?

This post-moulded treatment makes the product more malleable reducing the brittle properties of the nylon which stay's with the product for it's life. With such attention to detail no wonder our sail fitting's are the preferred choice of leading sail makers.

Next time you have a boiled egg for breakfast remember Holt Allen sail fittings are boiled to perfection.

### NYLON SAIL & TRACK SLIDES & SLUGS



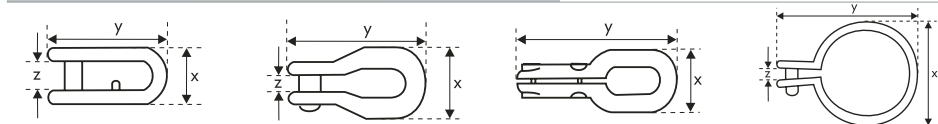
HA.158, HA.258, HA.358

HA.289, HA.389

HA..89, HA..90, HA..91

HA.458, HA.558

### NYLON SAIL SHACKLES & RINGS



HA.749, HA.849

HA.349, HA.449, HA.549

HA.249

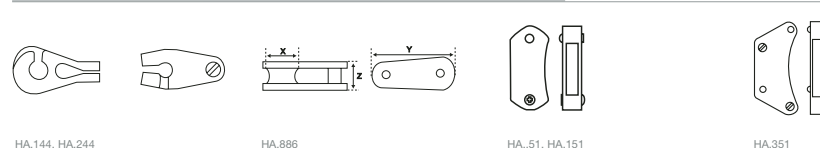
HA.649

Description	Part No.	x (mm)	y1 (mm)	z1 (mm)	z2 (mm)	y2 (mm)	Weight (g)
Sail slug slide	HA.158	22	29	8	3	9	2
Sail slug slide	HA.258	50	40	14	3	11	5
Sail slug slide	HA.358	22	30	12	3	12	3
External track slide	HA.289	23	20	18	6	2	4
External track slide	HA.389	28	20	23	6	3	5
Track slide	HA..89	32	21	15	7	4	4
Track slide	HA..90	35	23	18	9	4	5
Track slide	HA..91	39	25	21	8	5	8
Sail slug slide	HA.458	30	29	13.8	4	6	5
Sail slug slide	HA.558	25	22	10.5	4	3	2
Description	Part No.	x (mm)	y (mm)	z (mm)	Weight (g)		
Sail shackle	HA.749	18	36	9	3		
Sail shackle	HA.849	19	39	9	4		
Sail shackle	HA.349	13.5	26	4	0.5		
Sail shackle	HA.449	24	45	7	3.5		
Sail shackle	HA.549	28	53	6	6		
Sail slide hank (inc. screws)	HA.249	52	21	-	4		
Sail ring 37mm I/D	HA.649	48	60	5	8		

## SAILMAKERS HARDWARE

Made from high-grade nylon. We supply high quality sail hardware to the finest sail makers in the world. The snap together block featured left is ideal in lazy jack system on small yachts. It is also useful as a cost effective solution on elastic take up systems on dinghies.

### SAILMAKERS HARDWARE

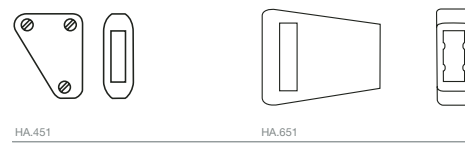


HA.144, HA.244

HA.886

HA..51, HA.151

HA.351



HA.451

HA.651

### SAIL HEADBOARDS



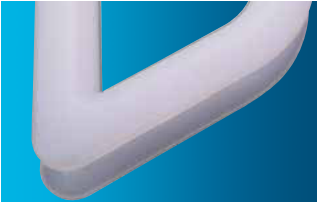
HA.343

HA.543

HA.575

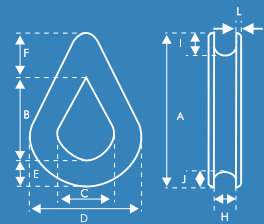
HA.743

Description	Part No.	Fit Forestay Wire (mm)	Max Luff Wire Size (mm)	Weight (g)			
Small jib hank (patent no: 881696)	HA.144	4	5	2.66			
Large jib hank (patent no: 881696)	HA.244	5	6	3.75			
Description	Part No.	X (mm)	Y (mm)	Z (mm)			
Sail Snap block	HA.886	16	40	6			
Description	Part No.	Width Max (mm)	Thickness Max (mm)	Overall Length (mm)	Overall Width (mm)	Overall Thick (mm)	Weight (g)
Batten Pocket Protector with s/s screws	HA..51	27	5	46	20	10	7
Batten Pocket Protector with brass screws	HA.151	34	4	47	10	9	3
Batten Pocket Protector with brass screws	HA.351	40	5	64	30	10	11
Batten Pocket Protector with brass screws	HA.451	25	6	43	34	16	13
Description	Part No.	Width Max (mm)	Thickness Max (mm)	Overall Length (mm)	Overall Width (mm)	Overall Thick (mm)	Webbing (mm)
Batten end cap	HA.651	14.5	6	33	28	10	20
Description	Part No.	X (mm)	Y (mm)	Thickness (mm)	Hole Dia (mm)	Weight (g)	
White Nylon Spinnaker Headboard	HA.343	111	96	2.3	9	18	
White Nylon Mainsail Headboard	HA.543	102	114	2.3	15	14	
White Nylon Mainsail Headboard	HA.575	119	139	3.8	20	32	
White Nylon Spinnaker Headboard	HA.743	31	31	2.2	15	4	



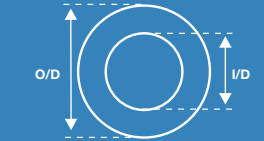
PLASTIC THIMBLES

A comprehensive range of moulded nylon thimbles manufactured using the latest high pressure moulding techniques to ensure they are light and super tough.



SAIL RINGS

White moulded nylon sail rings in four sizes.



Description	Part No.	Line Size (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	H (mm)	I (mm)	J (mm)	L (mm)
Plastic Thimble	HA.802	2	12	7.3	4.9	8.8	1.9	2.9	2.1	1.8	1.1	0.4
Plastic Thimble	HA.803	3	18	10.9	7.3	15.1	2.8	4.3	3.1	2.6	1.7	0.6
Plastic Thimble	HA.804	4	24	14.5	9.8	17.5	3.8	5.8	4.2	3.5	2.3	0.8
Plastic Thimble	HA.805	5	30	18.1	12.1	21.9	4.7	7.2	5.0	4.4	2.8	0.9
Plastic Thimble	HA.806	6	36	21.8	14.6	26.3	5.6	8.6	6.1	5.3	3.4	1.1
Plastic Thimble	HA.808	8	48	29.0	19.5	35.0	7.5	11.5	8.0	7.0	4.5	1.5
Plastic Thimble	HA.810	10	60	36.3	24.4	43.8	9.4	14.4	10.0	8.8	5.6	1.9
Plastic Thimble	HA.812	12	72	43.5	29.3	52.5	11.3	17.3	11.2	10.5	6.8	2.3
Plastic Thimble	HA.814	14	84	50.8	34.1	61.3	13.1	20.1	13.4	12.3	7.9	2.6
Plastic Thimble	HA.818	18	108	65.3	43.9	78.8	16.9	25.9	17.2	15.8	10.1	3.4
Description	Part No.	I/D (mm)	O/D (mm)	Max Load (kg)	Weight (g)							
Sail Ring	HA..56	13	22	50	0.3							
Sail Ring	HA.156	18	32	90	2.5							
Sail Ring	HA.256	22	37.5	130	4.5							
Sail Ring	HA.356	28	46.5	200	8							



PRO-LUBE

HA5316  
PRO-LUBE  
LUBRICANT SPRAY

A silicone/PTFE super lubricant designed specifically for the marine environment, Pro-lube is the answer to every sailor's prayers.

Non-staining Pro-lube dries to leave a high slip environment that provides lasting lubrication up to 80°C.

- Its uses are limitless:
- > Spray it on luff grooves, sail slides, bat cars etc. and you won't believe the difference it makes.
  - > Use Pro-lube on old worn spinnakers to help waterproof the cloth and revitalise the sail.
  - > Rejuvenate fittings with a quick spray that will make them run like new.

Available in cases of a dozen cans with a free point of sale display with all initial orders.



CENTREBOARD SLOT  
PACKING TAPE

HA 5040  
'JAP' TAPE

This ribbed PTFE coated tape is excellent for packing out centreboard and dagger board cases on sailing boats. It can also be used to pack out mast gates and Gnav slider.

- > Supplied on 8m rolls.
- > 18mm wide.
- > Self adhesive.



# HOLT PERFORMANCE ROPE

Holt have developed a range of rope that offers the very latest in rope technology for use on high performance sail boats from Optimists to Sports Boats.

Easy to splice, lightweight and seriously strong. Whether hanging out on an 18 foot Skiff or reducing weight in your vang system, this range offers it all.



# ROPE

## HOLT PRO-SHEET

12 Strand Dyneema® Core with lightweight high wearing polyester cover.

### Special Features:

- Lightweight
- Easily tapered
- High Strength and Low Stretch
- No Water absorption and floats
- UV coated inner core

### Applications:

- Genoa / Jib sheets
- Mainsheet applications tapered to reduce weight
- Control Lines



## HOLT PRO-LINE

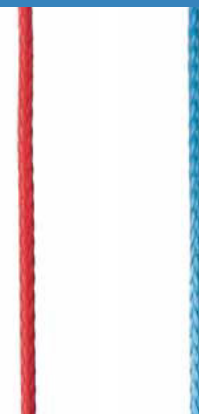
12 Strand SK75 Dyneema® UV Protective Coating

### Special Features:

- Quick and Easy to Splice
- Lightweight
- High Strength
- Pre-Stretched and Heat Set
- No water absorption and floats
- UV and abrasion protective coating

### Applications:

- Halyards
- Trapeze Wires
- Sheets
- Control Lines
- Vang / Kicker
- Strops
- Backstays
- Ties / Lashings



## HOLT ULTRA-LINE

12 Strand Vectran® UV Protective Coating

### Special Features:

- Easy to Splice
- Will not creep
- High Strength
- Lightweight
- Flexible
- UV and abrasion protective coating

### Applications:

- Halyards
- Trapeze Wires
- Sheets
- Control Lines
- Vang / Kicker
- Strops
- Backstays
- Ties / Lashings



## SPICING NEEDLES



SO34



SO36

## Holt Performance Rope

Description	Code	Dia. (mm)	Colour	Ave Break Load (kg)	Length on Reel (m)
2.5mm Pro-Line Red	HPR..1	2.5mm	Red	569	100
2.5mm Pro-Line Blue	HPR..2	2.5mm	Blue	569	100
3.5mm Pro-Line Red	HPR..3	3.5mm	Red	995	100
3.5mm Pro-Line Blue	HPR..4	3.5mm	Blue	995	100
2.5mm Ultra-Line	HPR..6	2.5mm	Graphite	627	100
3mm Ultra-Line	HPR..7	3mm	Graphite	993	100
6mm Pro-Sheet Red/White	HPR..8	6mm	Red/White	995	100
6mm Pro-Sheet White/Blue	HPR..9	6mm	White/Blue	995	100
8mm Pro-Sheet Red/White	HPR..10	8mm	Red/White	1300	100
8mm Pro-Sheet White/Blue	HPR..11	8mm	White/Blue	1300	100

## Splicing Needles

Description	Code	Quantity
Splicing needle suitable for 2-3mm rope	SO34	1
Splicing needle suitable for 3-6mm rope	SO36	2

# MERCHANDISING

Simple efficient presentation systems for the retail stores maximises the space available. Holt stands are available to all Holt stockists and can be used for any of the brands that we distribute. Presentation is everything. CONTACT THE HOLT SALES TEAM FOR DETAILS  
**+44 (0) 208 0789 557 SALES@HOLTALLEN.COM**



MARK 7 STANDS

## DISPLAY STANDS

### MARK 7 STANDS

Holts new Mark 7 stand is a versatile modular point of sale for use in shops. The stand comes complete with 3 panels, two half and a quarter. This then offers a choice of heights depending where the stand is to be positioned in the store. The stand can be assembled in various configurations.

### ATTACHMENTS

A choice of bolt-on parts is available on request, which include. A4 brochure holders, tiller extension rings and graphic holders.



## T-SHIRTS



### EXTENDABLE FEET

These come in the stand pack as standard allowing you to load both sides of the stand should you wish. Helping to maximise profit per square foot of a store.



## HOLT RETAIL BROCHURE



**HOLT RETAIL BROCHURE**  
Concise guide to Holt performance fittings. Popular sailboat hardware for boats up to 9 metres displayed in this mini catalogue.

MARK 7 STANDS

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HA4417L	65	HA4693	22	HA5405N	74	HA6157	50
HA4417S	65	HA4696	22	HA5405S	15	HA6158	50
HA4420	65	HA4698*	61	HA5405S	74	HA6159	50
HA4422	47	HA4701	15	HA5406S	74	HA6160	50
HA4428	74	HA4708	27	HA5506	60	HA6161	50
HA4431	45	HA4710	14	HA5507	60	HA6166	51
HA4439	63	HA4720	21	HA5508-13	60	HA6167	51
HA4450G	14	HA4721	21	HA5511-19	60	HA6168	51
HA4450P	24	HA4728	74	HA5512	60	HA6169	51
HA4451	14	HA4756	14	HA5514	60	HA6170	51
HA4452	62	HA4759	72	HA5519	60	HA6171	51
HA4459	72	HA4761	33	HA5521	60	HA6172	51
HA4466	36	HA4766	36	HA5525	60	HA6175	51
HA4467	34	HA4771	33	HA6010	48	HA6176	51
HA4471	44	HA4772HT	40	HA6011	48	HA6177	51
HA4472	40	HA4778	23	HA6012	48	HA6178	51
HA4474	56	HA4779	22	HA6013	48	HA6180	51
HA4474-76	56	HA4786-6	28	HA6014	48	HA6185	51
HA4475	15	HA4786-8	28	HA6020	48	HA6186	51
HA4476	34	HA4791	42	HA6021	48	HA6187	51
HA4479	22	HA4796	22	HA6022	48	HA6188	51
HA4480PC	24	HA4798*	61	HA6023	48	HA6195	51
HA4488	64	HA4801	15	HA6024	48	HA6196	51
HA4489	55	HA4808	27	HA6025	48	HA6200	50
HA4489J	55	HA4828	74	HA6027	48	HA6204	50
HA4489M	55	HA4856P	24	HA6028	48	HA6208	50
HA4490	55	HA4866	36	HA6035	48	HA6212	50
HA4496	22	HA4866X	36	HA6036	48	HA6214	50
HA4498*	61	HA4869	72	HA6037	48	HA-BAG-KIT	59
HA4501	23	HA4869K	72	HA6038	48	HN..2	68
HA4502	14	HA4871X	44	HA6039	48	SB2101	70
HA4514	41	HA4872	40	HA6040	48	SB2102	70
HA4528	74	HA4876	36	HA6045	48	SB2103	70
HA4539	63	HA4886	28	HA6046	48	SB2104	70
HA454	61	HA4898*	61	HA6047	48	SB2111	70
HA4555	58	HA4901	15	HA6048	48	SB2112	70
HA4555KIT	58	HA4904	47	HA6050	49	SB2202	70
HA4566	36	HA4904LZ	47	HA6051	49	SB2302	70
HA4567	28	HA4921	21	HA6052	49	SB2402	70
HA4568	22	HA4922A	21	HA6060	49	SB2502	70
HA4569	22	HA4968	14	HA6061	49	SB2602	70
HA4570	22	HA4969	72	HA6062	49	SB2702	70
HA4571	44	HA4972	40	HA6065	49	SB2802	70
HA4572	40	HA4976	34	HA6066	49	SB2902	70
HA4573	56	HA4978	15	HA6067	49	SHA1232	58
HA4574	56	HA4978-77	36	HA6068	49	SHA312	41
HA4575	56	HA4979	22	HA6069	49	SHA621	21
HA4580PC	24	HA4986-6	28	HA6075	49	SHA873	41
HA4588	64	HA4986-8	28	HA6076	49	SMS6397	42
HA4592	43	HA4987	36	HA6077	49		44
HA4592E	43	HA4993	22	HA6078	49		58
HA4593	22	HA5005	40	HA6110	50		77
HA4596	22	HA5006	40	HA6112	50		
HA4601	23	HA5014	64	HA6114	50		
HA4620	21	HA5014F	64	HA6116	50		
HA4621	21	HA5015	64	HA6132	50		
HA4659	72	HA5015F	64	HA6134	50		