



Barton

bartonmarine.com

Marine Equipment Catalogue

Control the power

Our Story...

At Barton Marine we believe that performance and value go hand in hand. Our passion is to provide a comprehensive line of marine deck gear that exceeds your expectations for reliability, quality and longevity.

Whether coastal cruising, blue water sailing, or competing in your class, we promise to provide definitive style so your sailing experience is both exciting and a pleasure.

We manufacture in England, under one big roof, in our own factory, where quality control, continuity and service are paramount. And we don't rest on our laurels. Our design team is obsessed with upgrading, generating and constructing new marine designs and developments that deliver sailing solutions based on your requirements. We refuse to disappoint.

Barton is a global supplier, stocked in 33 countries through a loyal and expanding network of distributors whom we consider friends, fellow sailors and colleagues.

Barton has been expanding for 65 years – we are never satisfied – we strive to improve - we grow better with age.

Our new Barton catalogue features a number of unique offerings:

- Victory collection of precision engineered Classic Wooden blocks.
- Wear pads and discs in carbon fibre, Kevlar and clear polyurethane.
- 'T' lock deck hatches with superior durability and resilience.
- Advanced - designed furlers for dinghies and dayboats.
- Carbon fibre tiller extensions for lightweight robust performance.
- Replica laser dinghy control line packages.
- UPVC winch handle holders.



Contents

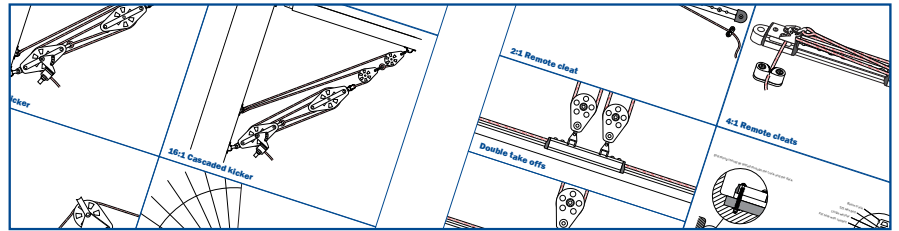
| | | |
|--|---|-------|
| Index | Our Story | 2 |
| | Contents | 3 |
| Our Product Range Explained | Product guide | 4 |
| | The heart of the Barton block, “ The Sheave” | 5 |
| Block & Traveller System Diagrams | Block systems | 6 |
| | Traveller systems | 7 |
| Blocks | Series 0 (20mm sheave) blocks | 8-9 |
| | Series 1 (30mm sheave) blocks | 10-11 |
| | Series 2 (35mm sheave) blocks | 12-13 |
| | Series 3 (45mm sheave) blocks | 14-15 |
| | Series 4 (58mm sheave) blocks | 16-17 |
| | Series 5 (54mm sheave) blocks | 18-19 |
| | Series 6 (64mm sheave) blocks | 20-21 |
| | Series 7 (70mm sheave) blocks | 22-23 |
| | Classic Wooden blocks | 24-25 |
| | Snatch blocks | 26 |
| | Stainless steel blocks | 27 |
| | Wire rope blocks | 28 |
| | High load and foot blocks | 29 |
| | High load low friction eye | 30-31 |
| Ball Bearing Track & Travellers | Traveller systems | 32-33 |
| | Recirculating ball bearing dinghy range | 34 |
| | Complete packs | 35 |
| | Removable mainsheet systems | 36 |
| | Modular components for recirculating ball bearing traveller systems | 37 |
| | Travellers - recirculating ball bearing - single take off | 38 |
| | Travellers - recirculating ball bearing - double take off | 39 |
| | End fittings - recirculating ball bearing | 40 |
| | Track 20mm/26mm/30mm | 41 |
| ‘I’ Section Track & Travellers | 19mm ‘I’ section track and travellers | 42 |
| | 24mm & 28mm ‘I’ section track and travellers | 43 |
| Special Cleats & ClamSeal™ | Stanchion and shroud cleats, stanchion bullseyes and line tamer | 44 |
| | ClamSeal™ | 45 |
| ‘T’ Section Track, Sliders & Genoa Cars | 20mm | 46-47 |
| | 25mm | 48-49 |
| | 32mm | 50-51 |
| | Towable ‘T’ track genoa cars | 52 |
| Clutches & Deck Organisers | Deck organisers | 53 |
| | Rope clutches and mast base organiser | 54 |
| | Barton DO 550 clutches | 55 |
| Winches, Winch Handles, Wear Pads & Rubbing Strakes | Winch handles and accessories | 56 |
| | Barton composite winches | 57 |
| | The Barton ‘Wincher’ | 58 |
| | Wear pads and rubbing strakes | 59 |
| Sail Handling | Lazy jack kits; reefing kits, gooseneck hooks, mast steps | 60-61 |
| Barton Boomstrut | Barton Boomstrut and the Dinghy Boomstrut | 62-63 |
| Dinghy & Dayboat Fittings | Tiller extensions | 64 |
| | Carbon tiller extensions | 65 |
| | Dinghy and dayboat | 66 |
| | Dinghy mast support | 67 |
| ‘K’ Cam Cleats | ‘K’ cam cleats | 68-69 |
| Accessories | Inspection covers | 70-71 |
| | Furling gear | 72 |
| | Bullseyes, pad eyes and deck eyes | 73 |
| | Clevis pins, split pins, springs and sheaves | 74 |
| | Shackles and ‘S’ hooks | 75 |
| | Replica laser kit | 76 |
| | Suggested boat size | 77 |
| Part Number Index | | 78-79 |



Product guide

To ensure your safety, your yacht's performance and to make certain that you receive the best value for money, we provide guides to help clarify your deck gear choices.

The diagrams on page 6 and 7 help to explain how to achieve the task you are trying to accomplish from increasing your purchase on your kicker system or ensuring your halyards are lead back into the cockpit correctly.



Our suggested boat size table on page 77 is designed to help you correctly identify the right size of product for your application. From picking the correct size of blocks for your mainsheet system to ensuring you have the right size and type of blocks for your mast base, we provide some simple rules to consider when choosing a product.

| Series 0 - 20mm sheave | 6m | 9m | 10m | 11.5m | 13m | 14m |
|------------------------|----|----|-----|-------|-----|-----|
| Series 1 - 30mm sheave | | | | | | |
| Series 2 - 35mm sheave | | | | | | |
| Series 3 - 45mm sheave | | | | | | |
| Series 4 - 54mm sheave | | | | | | |
| Series 5 - 58mm sheave | | | | | | |
| Series 6 - 64mm sheave | | | | | | |
| Series 7 - 70mm sheave | | | | | | |

| Series 6 - 64mm sheave | Series 7 - 70mm sheave |
|------------------------|------------------------|
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| Boat size + | 6m | 7m | 8m | 8.5m | 11m | 11.5m | 13m |
|------------------------|----|----|----|------|-----|-------|-----|
| Series 0 - 20mm sheave | | | | | | | |
| Series 1 - 30mm sheave | | | | | | | |
| Series 2 - 35mm sheave | | | | | | | |
| Series 3 - 45mm sheave | | | | | | | |
| Series 4 - 54mm sheave | | | | | | | |

Our team of experienced sailors are always available to assist you when making choices. Please contact us by phone or email at any time.

Some tips when selecting and fitting blocks...

- Ensure the block is strong enough for the job required, rope capacity does not denote strength
- Plain bearing versus ball bearing sheave – ball bearing sheaves do not hold the same load as plain sheaves – see page 5 for advice
- Check line capacity is sufficient. A tight fit will cause friction, side plate and line wear.
- Always ensure a fair lead. Blocks are designed to run at maximum load bearing and efficiency with the load running directly through the central axis.
- Never load one sheave of a double block. This will cause the block to fall to one side and create side plate and line wear.
- When fitting blocks to the mast head always ensure that there is sufficient articulation.
- When fitting mainsheet cam cleat blocks, ensure that the cam cleat is set at the correct angle to allow easy release in an emergency.
- Foot blocks & cheek blocks should always be through-bolted for maximum strength.

Care of blocks and deck fittings...

- Regularly rinse blocks and deck fittings with fresh water to remove salt.
- Ensure that sheaves run freely.
- Check all mast head blocks on a regular basis.
- Check shackles for signs of strain or overload.
- Inspect cam cleats (where fitted) for excessive wear.



Fixed Eye

With a plain attachment eye.



Snap Shackle

With a cast stainless steel swivelling snap shackle - ideal for quick-release downhauls or vang tackles.



Becket

All the appropriate blocks are available with or without becket.

The heart of a Barton block, "The Sheave"



Barton Plain Bearing Blocks

All Barton plain bearing blocks have a precision moulded Acetal sheave running on a large diameter brass bearing, ensuring free running under the highest of loads.



The Barton Ball Bearing Option

All Barton blocks from series 0 to size 7 offer the option of a high performance, low friction ball bearing sheave version.

Plain bearing versus ball bearing sheaves

Always use a plain bearing sheave when used on a high static load; for example mast base, (main and genoa) mast head and kicker or when the sheave will be under a high load and the sheave will turn infrequently.

Ball bearing sheaves are ideal for mainsheet systems, spinnaker sheets and where fast constant adjustment are anticipated.



Plain bearing sheave



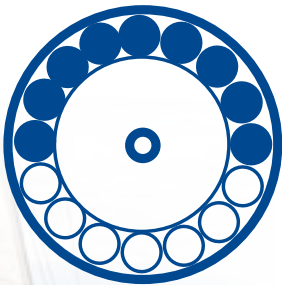
Ball bearing sheave

Barton ball bearing sheaves are proven time and again to provide the best performance and efficiency in independent tests conducted by UK and European sailing magazines stating Barton is the "best buy" choice among the competition.

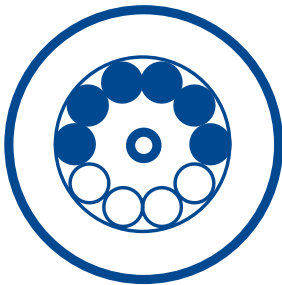
An explanation

Our design features twin rows of Acetal balls running on a large diameter centre boss. This enables the load bearing surface to be maximised over the greatest number of bearings, giving higher performance in all directions.

Ball bearing blocks to the unique Barton design bring you the possibility of upgrading your block systems at a realistic cost.



Barton roller sheave



Competitor roller sheave



More ball bearings used result in increased capability and less rolling resistance.



Friction is reduced by 23% when using a Barton ball bearing sheave compared to a plain sheave

23%