

Specify the Best

Orbit Blocks™ are a no-compromise product range developed to meet the demands and expectations of the very dedicated and increasingly professional racing sailor, with characteristics including:

- The highest strength-to-weight ratio.
- Minimal friction loss, especially when working at high loads.
- Totally reliable and trouble free performance.
- Simplicity of design and construction to facilitate maintenance and servicing.
- Elegant, functional styling and finish.

Bearing System

The Orbit sheave has captive Acetal or Torlon® ball bearings for side thrust loads, eliminating the need for side retainer plates. This reduces weight and allows for a wider bearing surface that can accommodate longer Torlon® needles – achieving a substantially higher strength-to-weight ratio.

Design Simplicity

There are only 3 primary components to the block: the twin side pieces, sculptured from solid high grade alloy, and the one-piece sheave with its captive ball bearings. Bearings are easily rinsed clear of salt and debris.

Foot Blocks

The bottom hub section is machined from solid alloy for maximum integrity of the load bearing structure. The top cover plate protects the sheave against impact, prevents dirt and grit from entering the hub area, and can be removed for service without removing the mounting bolts that secure the block through the base plate to the deck.

Halyard Blocks

These blocks have been designed primarily for attachment around the mast collar to lead halyards aft from the mast base to the winches. The head of the block has a removable pin which enables easy attachment to the deck padeyes or the mast collar. This method of attachment provides a low lead aft to organisers or winches.

Stand-Up Blocks

A number of stand-up solutions are available for Orbit Blocks™. These include assemblies incorporating padeye and rubber boot with 60° or 90° orientation at rest, or blocks with special swivels used with non-tumble padeyes.

Universal Head

Head posts of swivel blocks can be locked at 0° or 90°. The high resistance shackles are forged in grade 17-4PH stainless steel.

Runner Blocks

These blocks have a unique shape and Acetal guide rollers that help keep the line engaged with the sheave in running backstay applications.

Webbing & Strop Blocks

The absence of a swivel head or shackle allows weight savings where a webbing or rope lashing attachment is suitable. When passed through the hub of the sheave this also provides a failsafe feature. See our website for instructions on proper webbing attachment.

