

# Use them anywhere

Core Blocks™ are a true all round solution. A tuned 2-stage bearing system provides excellent performance across the full working load range with an integrated thrust bearing feature and the resilience to handle high dynamic or static loads. Acetal sheave, alloy cheeks and stainless fixings complete the durable package. For reliability and a long service life, these blocks are the right choice for sheets, halyards and control line applications for cruising and racing.

## UB Universal Bearing - Dynamic and high static load performance

The Ronstan Universal Bearing incorporates our proven 2-stage bearing system

**Stage 1** - Under moderate loads, Acetal ball bearings ensure minimum friction.

**Stage 2** - Under heavy loads, where deformation of ball bearings alone would result in increased friction, a sliding Acetal bearing on a polished stainless steel race takes over, maintaining low friction performance.

Additionally the ball bearings are configured to act as a thrust bearing between the sheave and cheeks, preventing the sheave from rubbing on the cheeks and causing friction when the line lead in and out of the block isn't perfect. Particularly important for cheek blocks.

## Alloy cheek plates

Block cheeks are manufactured from the highest quality alloy for maximum strength. Material optimisation and the cut-away design minimises weight and allows easy fresh water rinsing of salt and debris from the bearings.

Cheek design has been further styled with flaring at the block throat and reduced gap between the cheek and sheave, minimising rope wear.

## Universal head

The head assembly incorporates a brass bearing washer to provide smooth 360° rotation of the post and shackle. A set screw arrangement allows the head to be locked at 0° or 90°.

Shackles are high quality forged grade 316 stainless steel.

## Suits pre-spliced lines

Removable becket pins allow fitting of pre-spliced lines. The flush fit becket pin head is kind on deck surfaces and won't snag lines.

## Fully articulated stand-up

Stand-up models have a low profile linkage that provides full rotation and articulation. A high strength precision cast padeye minimises the footprint and a dedicated rubber boot ensures the block is held upright when not loaded.





**RF617A**  
6mm (1/4") pin

- ✓ RF64140 Stand-up block features a strong precision cast padeye base, and has a swivel head post to allow full articulation and rotation.
- ✓ RF64110 Removable M6 becket pin allows lines to be spliced prior to fitting.
- ✓ RF64108 Halyard block has a removable pin for attaching to deck padeyes, mast collar or mainsail headboard.
- ✓ Mainsheet, halyard and spinnaker sheet applications on boats to 13m (43ft).

- ✓ Various control line applications on larger yachts.
- ✓ Cheek plates: Aluminium alloy.
- ✓ Ball Bearings: High compression strength carbon black Acetal.
- ✓ Shackle, post & hub: Grade 316 stainless steel.
- ✓ Padeye: 15.5ph stainless steel.

PRODUCT No.	DESCRIPTION	SHEAVE	MAX.	PIN	M.W.L.	B.L.	WEIGHT	SHEAVE	MAX.	PIN	M.W.L.	B.L.	WEIGHT
		DIAM.	ROPE	DIAM.	kg	kg	g	DIAM.	ROPE	DIAM.	lb	lb	oz
		mm	mm	mm				in.	in.	in.			
RF64100	Single block	60	12	6	1000	2000	235	2 3/8	1/2	1/4	2200	4410	8.3
RF64110	Single block, becket	60	12	6	1000	2000	275	2 3/8	1/2	1/4	2200	4410	9.7
RF64108	Halyard block	60	12	8	1000	2000	186	2 3/8	1/2	5/16	2200	4410	6.6
RF64151	Foot block, single	60	12	-	1000	2000	180	2 3/8	1/2	-	2200	4410	6.4
RF64202	Double block, non-swivel head	60	12	-	1000	2000	390	2 3/8	1/2	-	2200	4410	13.8
RF64140	Stand-up block, swivel	60	12	-	1000	2000	372	2 3/8	1/2	-	2200	4410	13.2

# Series 75



RF74100



RF74110



RF74140

4 x 6mm  
(1/4")



Schionning Wildermess 1120X  
Photo: www.schionningdesigns.com.au

**RF618A**  
7.9mm (5/16") pin

- ✓ High static & dynamic load capacity achieved from 2-stage bearing system. Ball bearings also address side thrust loads.
- ✓ Universal head can be fixed at 0 or 90° or left free to swivel.
- ✓ Long service life; virtually maintenance free.
- ✓ Central hub hole can be used as a becket take-off point.
- ✓ RF74140 Stand-up block features a strong precision cast padeye base, and has a swivel head post to allow full articulation and rotation.
- ✓ RF74110 Removable M6 becket pin allows lines to be spliced prior to fitting.

- Mainsheet, spinnaker sheet, vang, halyard and backstay applications on boats to 14m (46ft).
- General applications on larger yachts.
- Sheave: U.V. stabilised Acetal.
- Cheek plates: Aluminium alloy.
- Ball Bearings: High compression strength carbon black Acetal.
- Shackle, post & hub: Grade 316 stainless steel.
- Padeye: 15.5ph stainless steel.

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		DIAM.	ROPE	DIAM.	kg	kg	g	DIAM.	ROPE	DIAM.	lb	lb	oz
		mm	mm	mm				in.	in.	in.			
RF74100	Single block	75	14	8	1500	3000	354	3	9/16	5/16	330	6600	12.5
RF74110	Single block, becket	75	14	8	1500	3000	428	3	9/16	5/16	330	6600	15.1
RF74140	Stand-up block, swivel	75	14	-	1500	3000	468	3	9/16	-	330	6600	16.5

UB Core Blocks™

Wot's Next - Sydney 47  
 Photo: Andrea Francolini / www.afrancolini.com



14mm (9/16")



RF74151 2 x 10mm (3/8")

RF74202

RF74108

- ✓ High static & dynamic load capacity achieved from 2-stage bearing system. Ball bearings also address side thrust loads.
- ✓ Long service life; virtually maintenance free.
- ✓ Central hub hole can be used as a becket take-off point.
- ✓ RF74108 Halyard block has a removable pin for attaching to deck padeyes, mast collar or mainsail headboard.
- ✓ Mainsheet, spinnaker sheet, vang, halyard and backstay applications on boats to 14m (46ft).
- ✓ General applications on larger yachts.
- ✓ Sheave: U.V. stabilised Acetal.
- ✓ Cheek plates: Aluminium alloy.
- ✓ Ball Bearings: High compression strength carbon black Acetal.
- ✓ Shackle & hub: Grade 316 stainless steel.

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		DIAM.	ROPE	DIAM.	kg	kg	g	DIAM.	ROPE	DIAM.	lb	lb	oz
		mm	mm	mm				in.	in.	in.			
RF74108	Halyard block	75	14	8	1500	3000	234	3	9/16	5/16	330	6600	8.6
RF74151	Foot block, single	75	14	-	1500	3000	259	3	9/16	-	330	6600	9.2
RF74202	Double block, non-swivel head	75	14	-	1500	3000	506	3	9/16	-	330	6600	17.9