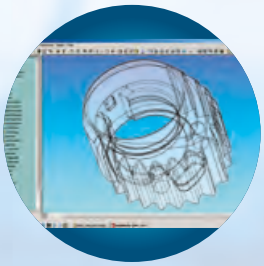
Engineered for Performance

Intensive development efforts have produced this high performance range of cleats that provide unbeatable holding power while allowing easy cleating and releasing of control lines in every application and load condition.

Through the use of advanced composites, these cleats achieve superior performance while overcoming the limitations of metal alloys. Ronstan cam cleats are strong, light and corrosion free.

Design Optimisation

Computer optimised Cam profile results in superior gripping ability over a wide range of rope sizes.

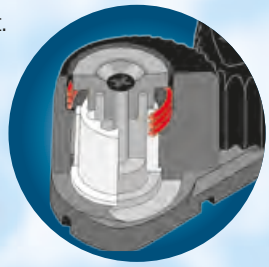


Slotted Bearings

Self lubricating, self-cleaning slotted bearings provide lower frictional resistance and quicker response times than ball bearings which deform under load, as well as superior resistance to sand and salt.

Multi-Coil Spring

The multi-coil spring recessed in the upper part of the cam generates near constant torque. This constant torque ensures secure cleating of even the smallest lines with minimal abrasion or rope wear and low line entry and exit efforts.



Carbon Cams

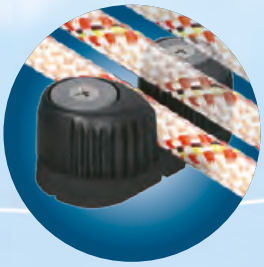
Lightweight ultra rigid carbon fibre composite cams are corrosion free, suffer virtually no tooth wear and are non-rope abrasive.

Unique Teeth and Entry Profiles

Low entry and exit efforts due to unique teeth and entry profiles. Reversible cams.

Advanced Composite Base

Base produced from long fibre reinforced polymer, a result of advanced composite technology providing metal replacement.

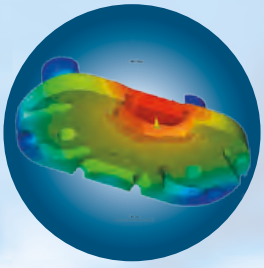


Customisation

A comprehensive range of specialist cleat accessories allow customisation of the cleat set-up to optimise performance by controlling inward lead, outward lead, cleating and uncleating angle and height.

Total Control

Swivel bases further enhance the function of cleats providing articulation, and with some models, setting of cleating angle and direction (up or down cleating) to allow control of lines and sheets from various positions on the boat.



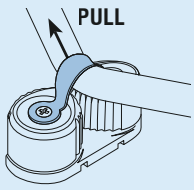
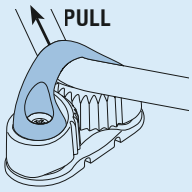
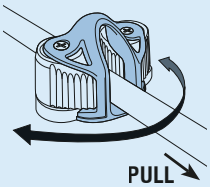
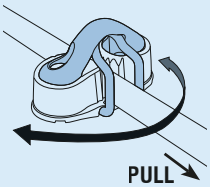
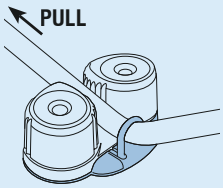
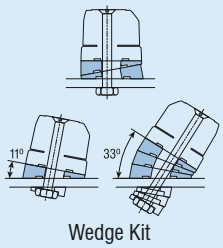
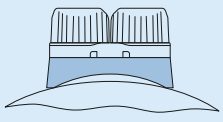
C-Cleats™ & T-Cleats™

Team Ronstan - Lindsay Irwin / Andrew Perry, International 14' Skiff
Photo: Andrea Francolini / www.afrancolini.com

- Design, materials selection and advanced manufacturing methods combine to deliver superior strength and holding power, light weight and corrosion resistance.
- Carbon fibre composite cam material provides maximum resistance to heat and abrasion.
- Unique self-cleaning, self-lubricating slotted bearings ensure consistent high performance even when subjected to high static loads.
- Cam profile and multi-coil spring minimise line entry and release effort.
- Carbon fibre composite cams (C-Cleats™).
- Glass fibre composite cams (T-Cleats™).
- Long strand glass fibre reinforced polymer base.
- PTFE impregnated Acetal slotted bearing.
- Stainless steel multi-coil spring.

TYPE & SIZE	ROPE CAPACITY mm	HOLE SPACING mm	FASTENER SIZE mm	DIMENSIONS mm	M.W.L. kg	B.L. kg	WEIGHT g	ROPE CAPACITY in.	HOLE SPACING in.	FASTENER SIZE in.	DIMENSIONS in.	M.W.L. lb	B.L. lb	WEIGHT oz
C-Cleats™														
SMALL (RF5000 & RF5400...)	2-8	27	M4	48L x 24W x 20H	75	150	20	3/32-5/16	1 1/16	5/32	1 7/8L x 1W x 3/4H	165	330	0.7
MEDIUM (RF5010 & RF5410...)	3-12	38	M5	66L x 31W x 26H	125	250	50	1/8-1/2	1 1/2	3/16	2 5/8L x 1 1/4W x 1H	275	550	1.8
LARGE (RF5020 & RF5420...)	6-16	51	M6	88L x 41W x 35H	230	460	110	1/4-5/8	2	1/4	3 1/2L x 1 5/8W x 1 3/8H	510	1010	3.9
T-Cleats™														
SMALL (RF5001)	2-8	27	M4	48L x 24W x 20H	75	150	20	3/32-5/16	1 1/16	5/32	1 7/8L x 1W x 3/4H	165	330	0.7
MEDIUM (RF5011)	3-12	38	M5	66L x 31W x 26H	125	250	50	1/8-1/2	1 1/2	3/16	2 5/8L x 1 1/4W x 1H	275	550	1.8

Camcleat Accessories

	SMALL T-Cleat™ & C-Cleat™	MEDIUM T-Cleat™ & C-Cleat™	LARGE C-Cleat™
 Saddle - stainless steel	 RF5003 4g (0.1oz)	 RF5013 8g (0.3oz)	 RF5023 15g (0.5oz)
 Saddle, stainless steel liner		 RF5013A 8g (0.3oz)  RF5413A 8g (0.3oz)	
 Front mounted fairlead	 RF5005 7g (0.2oz) RF5405 7g (0.2oz)	 RF5015 14g (0.5oz)  RF5415 14g (0.5oz)	
 Heavy duty front mounted fairlead		 RF5017* 20g (0.7oz)  RF5417* 20g (0.7oz)	
 Rope guide	 RF5404 5g (0.2oz)	 RF5414 10g (0.4oz)	
 Wedge Kit	 RF5402 5g (0.2oz)	 RF5412 11g (0.4oz)	
 Riser/curved surface adapter		 RF5416 30g (1.1oz)	

* The RF5017 heavy duty fairlead can only be used with medium C-Cleats™ and T-Cleats™ manufactured from mid-2005 - indicated by two protruding vertical lines on the cleat base, located between the entry points for the fairlead stainless steel base wire element.

Swivel Cleat Bases

RF67

3 x 5mm (3/16")

RF58

3 x 5mm (3/16")

RF60

4 x 5mm (3/16")

RF59

RF2358

2 x 5mm (3/16")

RF20175

2 x 4mm (5/32")

RF5

2 x 5mm (3/16")

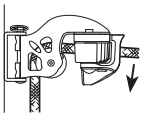
RF1455

4 x 5mm (3/16")

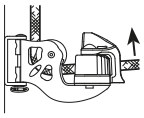
RF4

2 x 5mm (3/16")

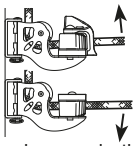
RF20175 Lead and cleating options



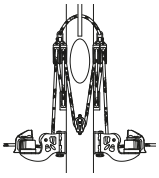
Lead from below



Lead from above

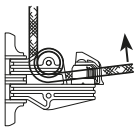


Up or down uncleating

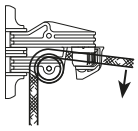


8:1 Cunningham

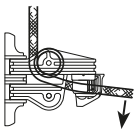
RF5 Lead and cleating options



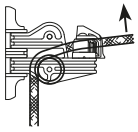
Uncleat up



Uncleat down



Uncleat down



Uncleat up

- Swivel cleat bases permit easy cleating and releasing from any angle.
- The RF60 features adjustable stops to limit rotation, which can be removed to allow full 360° rotation.
- Cleating plates are heavy gauge alloy for stiffness and minimum distortion under load.
- Deadeyes have flared stainless steel liners for minimum rope wear and long service life.
- The RF5 is manufactured in lightweight fibre reinforced composite materials – position of sheave can be changed to feed control line from below.
- Sheet leads and halyards on dinghies and catamarans.
- Cunningham, vang, foreguy, pole topping lift and other control lines on larger yachts.
- Alloy cleating arms.
- Fibre reinforced Nylon body (RF5).
- Grade 316 stainless steel fixtures.

PRODUCT No.	DESCRIPTION	SUITS ROPE mm	WEIGHT g	SUITS ROPE in.	WEIGHT oz
RF4	Swivel shackle base. Suits Series 40 & 55 Orbit Block™ Dyneema® links. 4.8mm (3/16") diam. pin. M.W.L. 250kg (550lb), B.L. 500kg (1100lb)	-	30	-	1.1
RF5	Swivelling cleat platform. 28mm (1 1/8") diam. ball bearing sheave, small T-Cleat and fairlead. M.W.L. 150kg (330lb); B.L. 300kg, (660lb).*1	2 – 8	100	3/32 – 5/16	3.5
RF58	Swivelling deadeye, cleat unit. Aluminium arm, 360° rotation, medium T-Cleat & fairlead.*2	3 – 12	171	1/8 – 1/2	6.0
RF59	Deadeye with stainless steel liner. 14mm (9/16") hole clearance.	Up to 14	17	Up to 9/16	0.6
RF60	Swivelling deadeye, cleat unit. Aluminium arm, adjustable rotation stops, medium C-Cleat & fairlead.*2	3 – 12	257	1/8 – 1/2	9.1
RF67	Swivelling deadeye, cleat unit. Aluminium arm, 360° rotation, small T-Cleat & fairlead.*3	2 – 8	121	3/32 – 5/16	4.3
RF1455	Swivel base with block post socket. 4.8mm (3/16") diam. pin. Suits Series 40 & 50 BB & AP blocks. M.W.L. 200kg (440lb); B.L. 1000kg, (2200lb)	-	65	-	2.3
RF2358	Deadeye with stainless steel liner. 16mm (5/8") hole clearance.	Up to 16	26	Up to 5/8	0.9
RF20175	Swivelling cleat platform. 20mm (3/4") sheave with stainless steel ball bearings, small T-Cleat & fairlead. M.W.L. 150kg (330lb); B.L. 300kg, (660lb)*1	2 – 6	79	3/32 – 1/4	2.8

*1 Load ratings are for the cleat base assembly and are based upon a 90° change in line direction. Line load should be limited to: M.W.L. 125kg (275lb), B.L. 250kg (550lb).
*2 Line load should be limited to: M.W.L. 175kg (385lb), B.L. 350kg (770lb). *3 Line load should be limited to: M.W.L. 125kg (275lb), B.L. 250kg (550lb).

Swivel Cleat Bases

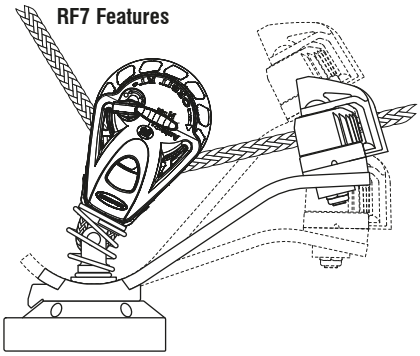
Conventional head post block - discard plastic roller

Orbit Block™ - use supplied plastic roller when attaching Dyneema® link.

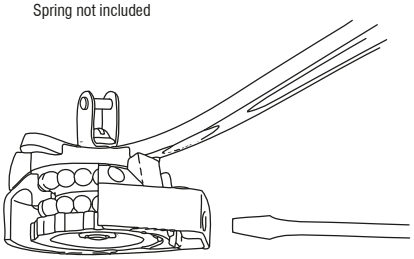
RF7KIT

Spring not included

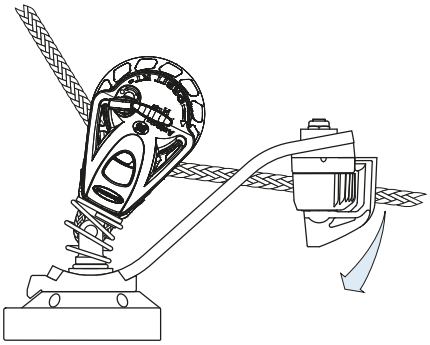
RF7 Features



Height adjustable arm for optimum cleating angle.



Twin ball bearing race minimises friction. Adjustable ratchet system prevents the arm from falling to leeward.



Cleat and wedge kit can be mounted upside down to help achieve the optimum cleating angle or suit downward uncleating if preferred.

- Adjustable height and angle of RF7 cleating arm for optimum control.
- Twin rows of ball bearings support the RF7 cleating arm. Stops are provided to limit travel to 260°, and can be removed to allow full 360° rotation.
- An adjustable ratchet in the RF7 base allows the cleating arm to remain in its most recently used position. The ratchet can be turned off for free swivelling.
- Fork fittings have a 5mm pin to permit direct attachment to the head post of a block (i.e. not using the shackle).
- Cleat mounting can be reversed on both RF7 and RF8, to fit under the cleating arm for downward release action.
- The swivel arm of the RF8 is fabricated from 8mm (5/16") alloy plate for heavy duty applications.
- RF7 suits traditional post/shackle head blocks and Dyneema® Link head Orbit Blocks™
- Mainsheet systems on dinghies and sportsboats to 8m (26ft).
- Alloy cleating arms.
- Fibre reinforced Nylon base (RF7).
- Grade 316 stainless steel fittings.

PRODUCT No.	DESCRIPTION	M.W.L. kg	B.L. kg	WEIGHT g	M.W.L. lb	B.L. lb	WEIGHT oz
RF7	Ball bearing swivelling cleat base, medium C-Cleat, 5mm (3/16") pin*	260	520	342	570	1145	12.1
RF7KIT	Adapter kit to convert pre-2008 model RF7 products to suit Orbit Block™ Dyneema® link attachment	-	-	18	-	-	0.6
RF8	Swivelling cleat base, medium C-Cleat, 5mm (3/16") pin*	300	600	370	660	1320	13.1

*Load ratings are for the cleat base assembly, and are based on a 120° change in line direction. Line load ratings should be limited to: M.W.L. 175kg (385lb), B.L. 350kg (770lb).

V-Cleats

470 Fleet
Photo: Victor Kovalenko

RF5100

2 x 4mm (5/32")

RF5105

2 x 5mm (3/16")

RF5110

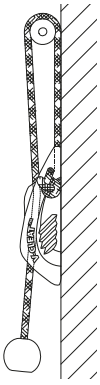
2 x 6mm (7/32")

RF5101

2 x 4mm (5/32")

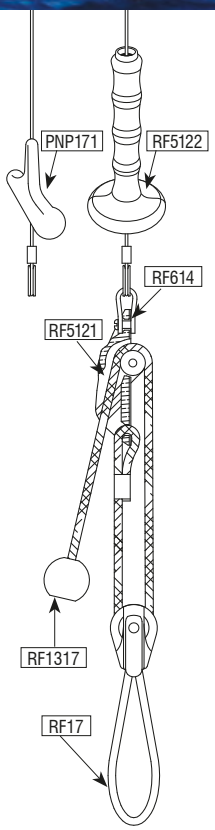
RF5106

2 x 5mm (3/16")



RF5101, RF5106
Becket take-off
for simple 2:1
purchase system

RF5121



2:1 ADJUSTABLE TRAPEZE SYSTEM

- Lightweight and corrosion proof.
- Greater abrasion resistance than traditional plastic cleats.
- Low, snag-free profile.
- Base profile suits mounting on flat and curved surfaces.
- Cut-away in base of fairlead cleats can be used as a becket for a 2:1 purchase system (refer diagram above.)
- RF5121 trapeze Clamcleat® is made from Hardcoat anodised alloy for maximum wear resistance and incorporates a roller for easy 2:1 adjustment under load (refer diagram above.)
- Control lines on dinghies and catamarans.
- PTFE impregnated, glass and carbon fibre composite cleats.
- Hardcoat anodised alloy RF5121.

PRODUCT No.	DESCRIPTION	FASTENER SIZE mm	HOLE SPACING mm	ROPE SIZE mm	WEIGHT g	FASTENER SIZE in.	HOLE SPACING in.	ROPE SIZE in.	WEIGHT oz
RF5100	V-Cleat™, small, open	4	36	3-6	9	3/16	1 7/16	1/8-1/4	0.3
RF5101	V-Cleat™, small, fairlead	4	48	3-6	11	3/16	1 7/8	1/8-1/4	0.4
RF5105	V-Cleat™, medium, open	5	55	5-8	23	3/16	2 5/32	3/16-5/16	0.8
RF5106	V-Cleat™, medium, fairlead	5	66	5-8	27	3/16	2 9/16	3/16-5/16	1.0
RF5110	V-Cleat™, large, open	6	72	8-12	51	1/4	2 13/16	5/16-1/2	1.8
RF5121	Trapeze cleat, Aluminium	-	-	4-8	46	-	-	5/32-5/16	1.6