

RF5121
2 x 4mm (5/32")

RF5100
2 x 4mm (5/32")

RF5101
2 x 4mm (5/32")

RF5105
2 x 5mm (3/16")

RF5106
2 x 5mm (3/16")

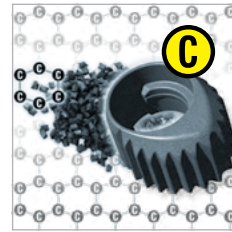
RF5110
2 x 6mm (1/4")

2:1 ADJUSTABLE TRAPEZE SYSTEM

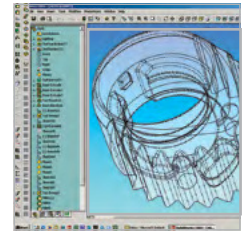
RF5101, RF5106 BUCKET TAKE-OFF FOR SIMPLE 2:1 PURCHASE SYSTEM

- ✔ Lightweight.
- ✔ Low, snag-free profile.
- ✔ Base profile suits mounting on flat and curved surfaces.
- ✔ Cut-away in base of RF5101 and RF5106 fairlead cleats can be used as a bucket for a 2:1 purchase system (refer diagram above).
- ✔ RF5121 trapeze Clamcleat® is made from hard anodised alloy and incorporates a roller for easy 2:1 adjustment under load (refer diagram above).
- ✔ Control lines on dinghies and catamarans.
- ✔ Abrasion resistant glass and carbon fibre composite cleats.
- ✔ Hard anodised alloy RF5121.

PRODUCT No.	DESCRIPTION	FASTENER SIZE	HOLE SPACING	ROPE SIZE	WEIGHT	FASTENER SIZE	HOLE SPACING	ROPE SIZE	WEIGHT
		mm	mm	mm	g	in	in	in	oz
Cleats									
RF5100	V-Cleat™, small, open	4	36	3-6	9	5/32	1 7/16	1/8-1/4	0.3
RF5101	V-Cleat™, small, fairlead	4	48	3-6	11	5/32	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



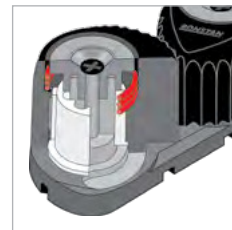
Carbon fibre cam C-Cleat™



Design optimisation



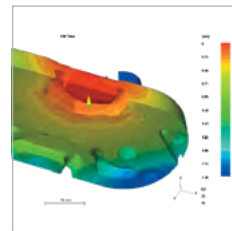
Effective slotted bearings



Multi-coil spring



Low line entry effort



Advanced composite base



Swivel cleat base

C-CLEATS™ & T-CLEATS™

ENGINEERED FOR PERFORMANCE

Intensive development efforts have produced this high performance range of cam cleats that provides unbeatable holding power while allowing easy cleating and releasing of control lines and sheets.

C Carbon cam C-Cleats™

C-Cleats™ feature lightweight, ultra-rigid, carbon fibre composite cams that are corrosion free, wear resistant and non-abrasive.

T T-Cleats™

T-Cleats™ have hard wearing glass fibre reinforced cams for reliable cleating. They offer a great value solution for moderately demanding applications.

Advanced composite base

Cleat bases are produced from long fibre reinforced polymer to save weight while providing essential stiffness.

Slotted bearings

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

Multi-coil spring

The multi-coil spring recessed in the upper part of the cam generates near constant torque. This consistency ensures secure cleating of even the smallest diameter lines with minimal abrasion or rope wear.

Unique teeth and entry profiles

Low effort line entry and exit due to unique teeth and entry geometry.

Customisation

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

Total control

Swivel cleat bases further enhance the function of cleats by providing articulation. Some models provide adjustable cleating angles for even further functionality and accessibility.



ACCESSORIES

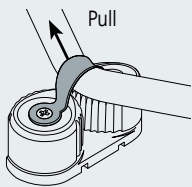


SADDLE

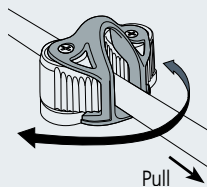
FAIRLEADS

ROPE GUIDE

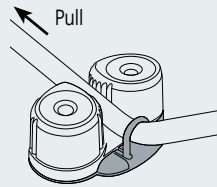
WEDGE KIT



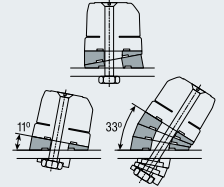
SADDLE
Retains line near cleat



FAIRLEAD
Assists clearing from different positions



ROPE GUIDE
Corrects lead of line into cleat from loaded side.



WEDGE KITS
Are stackable for greater angles or to act as a riser.

- ✔ Design, materials selection and advanced manufacturing methods combine to deliver superior strength and holding power, light weight and corrosion resistance.
- ✔ C-Cleat™ carbon fibre composite cam material provides high 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.

- ⚙ C-Cleats™
 - Carbon fibre composite cams.
 - Long strand glass fibre reinforced polymer base.
- ⚙ T-Cleat™
 - Glass fibre composite cams.
 - Long strand glass fibre reinforced polymer base.

PRODUCT No.	CAP	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™															
RF5000	Grey	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
RF5400	Black	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
RF5400B	Blue	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
RF5400G	Green	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
RF5400R	Red	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
RF5400Y	Yellow	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
Ⓢ T-Cleat™															
RF5001	Red	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 CAM CLEATS



ACCESSORIES



- ✔ Design, materials selection and advanced manufacturing methods combine to deliver superior strength and holding power, light weight and corrosion resistance.
- ✔ C-Cleat™ carbon fibre composite cam material provides high 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.

- ⚙ C-Cleats™
 - Carbon fibre composite cams.
 - Long strand glass fibre reinforced polymer base.
- ⚙ T-Cleat™
 - Glass fibre composite cams.
 - Long strand glass fibre reinforced polymer base.

PRODUCT No.	CAP	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™															
RF5010	Grey	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
RF5410	Black	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
RF5410B	Blue	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
RF5410G	Green	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
RF5410R	Red	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
RF5410Y	Yellow	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
T-Cleat™															
RF5011	Red	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

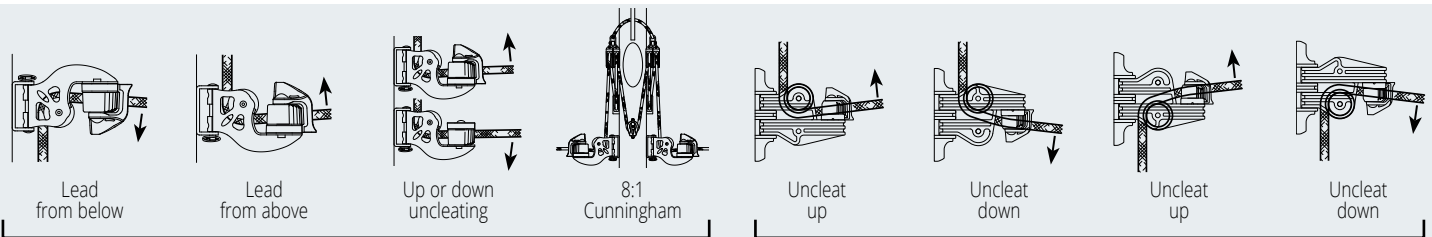


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- ✔ Design, materials selection and advanced manufacturing methods combine to deliver superior strength and holding power, light weight and corrosion resistance.
- ✔ Carbon fibre composite cam material provides high resistance to heat and abrasion.
- ✔ 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.
- ✔ Long strand glass fibre reinforced polymer base.

PRODUCT No.	CAP	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™															
RF5020	Grey	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
RF5420	Black	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
RF5420B	Blue	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
RF5420G	Green	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
RF5420R	Red	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
RF5420Y	Yellow	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



RF20175 LEAD AND CLEATING OPTIONS

RF5 LEAD AND CLEATING OPTIONS

- ✔ Swivel cleat bases provide 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 – the position of the sheave can be changed for control line led from below.

- ⬆ Sheet leads and control lines on dinghies and catamarans.
- ⬆ Cunningham, vang, foreguy, pole topping lift and other control lines on larger yachts.
- ⚙ Alloy cleat arms.
- ⚙ Fibre reinforced nylon body (RF5).
- ⚙ Grade 316 stainless steel fixtures.

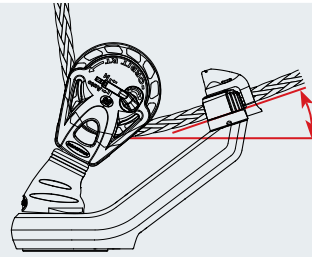
PRODUCT No.	DESCRIPTION	SUITS ROPE		WEIGHT	
		mm	g	in	oz
Swivel Cleat Bases					
RF4	Swivel shackle base. Suits Series 40 & 55 Orbit Block™ Dyneema® links. 4.8mm (3/16") diameter pin. MWL 250kg (550lb), BL 500kg (1100lb)	-	30	-	1.1
RF5	Swivelling cleat unit. 28mm (1 1/8") diameter ball bearing sheave, small C-Cleat™ & fairlead. Maximum line load 125kg (275lb)	2 - 8	100	3/32 - 5/16	3.5
RF58	Swivelling deadeye & cleat unit. Aluminium arm, 360° rotation, medium C-Cleat™ & fairlead. Maximum line load 175kg (385lb)	3 - 12	171	1/8 - 1/2	6.0
RF60	Swivelling deadeye & cleat unit. Aluminium arm, adjustable rotation stops, medium C-Cleat™ & fairlead. Maximum line load 175kg (385lb)	3 - 12	257	1/8 - 1/2	9.1
RF67	Swivelling deadeye & cleat unit. Aluminium arm, 360° rotation, small C-Cleat™ & fairlead. Maximum line load 125kg (275lb)	2 - 8	121	3/32 - 5/16	4.3
RF70	Swivelling cleat unit, 15mm sheaves. Stainless steel arm, 360° rotation, small C-Cleat™ & fairlead. Maximum line load 125kg (275lb)	2 - 5	146	3/32 - 3/16	5.1
RF1455	Swivel base with block post socket. 4.8mm (3/16") diameter pin. Suits shackle head Series 40 & 50 Utility blocks and Series 55 Orbit Blocks™. MWL 200kg (440lb); BL 1000kg (2200lb)	-	65	-	2.3
RF20175	Swivelling cleat unit. 20mm (3/4") sheave with stainless steel ball bearings, small C-Cleat™ & fairlead. Maximum line load 125kg (275lb)	2 - 6	79	3/32 - 1/4	2.8



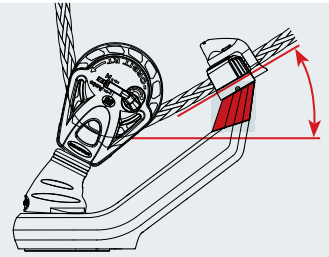
RF6

4 x 5mm
(3/16")

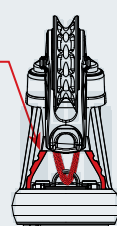
Stand-up boot cut down to suit. See instructions in SUPPORT section of www.ronstan.com for full details



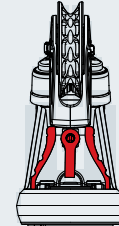
Lower clearing angle



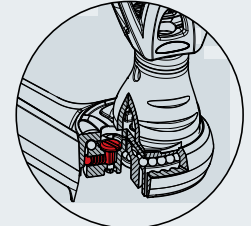
Higher clearing angle with cleat riser fitted to arm



Soft attachment (Dyneema® link) block attachment



Shackle head block attachment

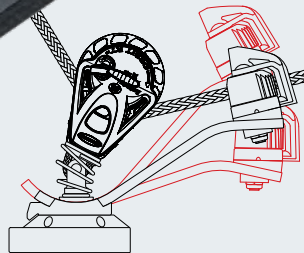


Ball bearing race minimises friction. Switchable ratchet system prevents the arm from swinging to leeward.

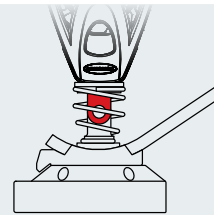


RF7

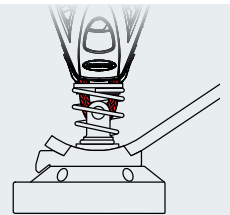
4 x 5mm
(3/16")



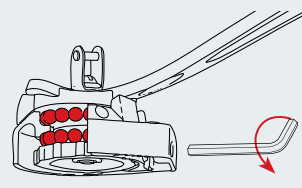
Height adjustable arm for optimum clearing angle.



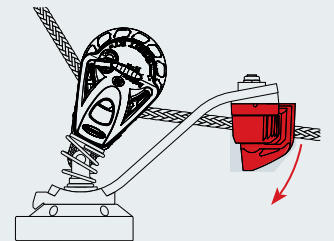
Conventional shackle head block - discard shackle and plastic roller



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



Twin ball bearing races minimise friction. Adjustable ratchet system prevents the arm from falling to leeward.



Cleat and wedge kit can be mounted on underside of arm for downward unclearing if preferred.

- ✔ Adjustable height and angle of clearing arm for optimum control.
- ✔ Twin rows of ball bearings support the clearing arm. Stops are provided to limit rotation.
- ✔ A ratchet in the base allows the clearing arm to remain in its most recently used position. The ratchet can be turned off for free swivelling.

- ✔ Suits traditional post/shackle head blocks and Dyneema® link head Orbit Blocks™*2.
- ⚙ RF6 is suitable for mainsheet systems on dinghies to 4.5m (15ft).
- ⚙ RF7 is suitable for mainsheet systems on dinghies and sports boats to 8m (26ft).

- ⚙ RF6: glass fibre reinforced base and cleat arm.
- ⚙ RF7: glass fibre reinforced base and alloy clearing arm.
- ⚙ Grade 316 stainless steel fixings and block attachment points.

PRODUCT No.	DESCRIPTION	M.W.L.*1 kg	B.L.*1 kg	WEIGHT g	M.W.L.*1 lb	B.L.*1 lb	WEIGHT oz
RF6	Small ball bearing swivelling cleat base, small C-Cleat™, loop take-off	125	250	210	275	550	7.4
RF7	Ball bearing swivelling cleat base, medium C-Cleat™, 5mm (3/16") pin	215	430	342	473	946	12.1

*1 Load rating are for the cleat base assembly, and are based on a 120° change in line direction. Line loads should be limited to: RF6 M.W.L. 125kg (275lb), RF7 M.W.L. 175kg (385lb).
*2 RF7 swivel fork has a 5mm (3/16") pin and 11.8mm (7/16") gap to permit direct, low profile attachment to the head post of a block.