

Performance Rope Holding



PERFORMANCE ACCESSORIES
PAGES 6 & 7



A short company history

In 1963 the mischance parting of a light pull-cord from its knob triggered off the thought that there must be a better means of attachment than threading the cord through a hole and tying a knot.

With the 'necessity' established, the 'invention' followed in short order and was proved by a model comprising of two pieces of Perspex in each of which ridges were machined at an angle and which, when cemented together, formed the first of our cleats - grip commensurate with load and no moving parts.

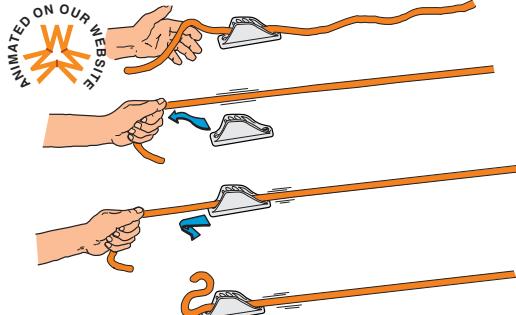
Scepticism greeted this simple, unique device - the first innovation in rope cleats for over 40 years. However, following exhaustive development work on numerous prototypes and extensive material trials, the first nylon cleat was produced in 1964. In the same year Clamcleats Limited was formed, initial patents were filed and the trade mark Clamcleat was registered.

The company is a family concern with sound engineering and administrative background and dedicated to offering quality and personal service. Right from the beginning, it has been company policy to offer excellent service to all our customers. Good stocks are held so most orders can be supplied ex-stock, via distributors throughout the sailing world.

All of manufacturing is undertaken in house, from design and toolmaking, through casting and moulding to finishing and packaging. This ensures all stages of production can be closely controlled to ensure high quality cleats.

Whilst Clamcleat® rope cleats sell chiefly in the sail-boat and windsurfing markets, there are numerous industrial applications - but no call, so far, for a switch pull-cord cleat!

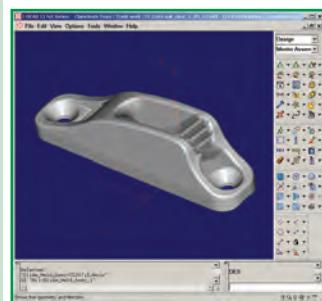
How our cleats work



A deceptively simple ridged 'V' groove holds ropes firmly, yet is devoid of any moving parts to break or seize. It allows the immediate release of the rope by a short upward and backward pull.

Always tension the rope before it enters the cleat. Dragging the rope backwards over the teeth may cause damage, especially to the nylon cleats.

Clamcleat® rope cleats are not suitable for metal ropes.



From computer modelling to CNC machining.



Complementary ranges to satisfy all needs

Marine grade nylon cleats offer very good value for money, for both production builder and sailor alike. They are ideal for most applications where high loads or rope surges are not likely to be encountered. Nylon cleats are corrosion resistant and will last for many years outdoors.

Aluminium cleats are highly successful in providing a complete answer to rope burn. They are unaffected by the heat generated by a rope surging back through a cleat as well as being suitable for sub-zero temperatures. Corrosion resistance is good.

For extra protection from corrosion and a high tech appearance all of our popular aluminium cleats are offered with a **hard anodised finish**.

Our research into cleat materials over the years has shown aluminium to be far better for high performance cleats than any polymer, irrespective of any fibre reinforcement or additive. These factors make aluminium cleats the best choice for demanding applications.



Cleats for ropes to 16mm (5/8")

		A mm Ø inch Ø	B mm inch	C mm Ø inch Ø	mm inch		Gms Ozs
CL205 Major	10 - 16 3/8-5/8	Nylon 4 1/8	122 95 3 3/4	36 17/16	8 5/16	85 3.0	
CL220 & CL220VB Un-coated Racing Major	12 - 16 1 1/2-5/8	Aluminum 4 5/8	118 95 3 3/4	37 1 1/2	8 5/16	163 5.7	
CL2245 Fairlead for CL205, CL220, CL239 & CL240	-	Stainless Steel A50 A13 1/32	B - C41 B - C15/8	8 5/16	72 2.5		
CL805 Tapered Pad for CL205, CL220, CL239 & CL240	-	Polypropylene 131 5 1/8	- - 45 1 3/4	8 5/16	35 1.2		



CL2245

CL205

CL220VB

CL220

CL805



CL208

Spring-gate Cleats for ropes to 16mm (5/8")

		A mm Ø inch Ø	B mm inch	C mm Ø inch Ø	mm inch		Gms Ozs
CL239 Major with Spring-gate	10 - 16 3/8-5/8	Nylon 4 1/8	122 95 3 3/4	49 15/8	8 5/16	88 3.2	
CL240 Racing Major with Spring-gate	12 - 16 1 1/2-5/8	Aluminium A118 A45/8	B95 B3 3/4	C50 C15/8	8 5/16	166 5.9	

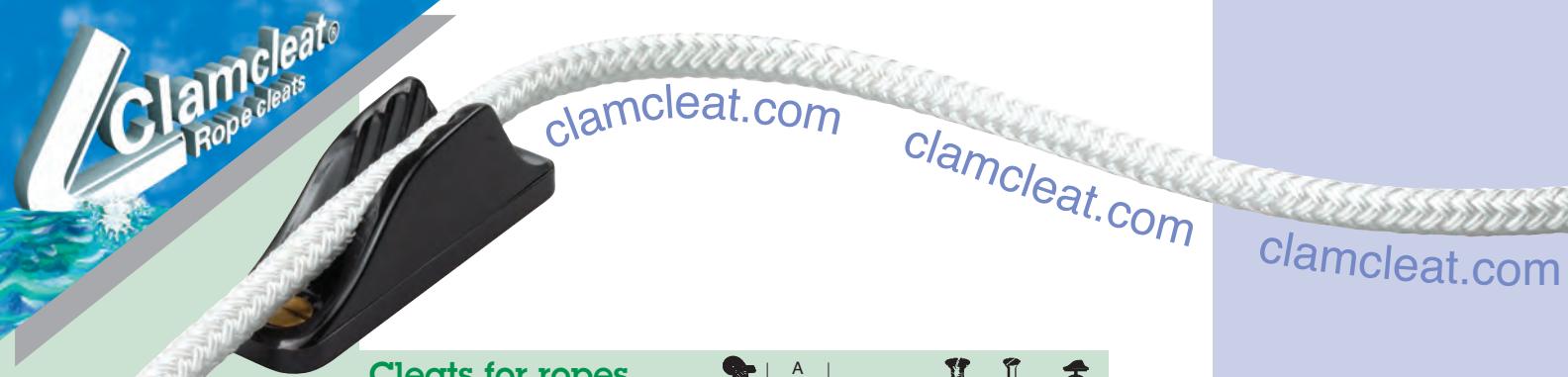
The red gate is flipped up by hand to keep the rope out of the cleat.



Bollards for ropes to 16mm (5/8")

		A mm Ø inch Ø	B mm inch	C mm Ø inch Ø	mm inch		Gms Ozs
CL208 Clam-Bollard	6 - 10 1/4-3/8	Nylon A85 ^Ø A3 3/8	B64 B2 1/2	6 1/4	6.3 No14	67 2.4	
CL210 Clam-Bollard Major	10 - 16 3/8-5/8	Nylon A99 ^Ø A37/8	B76 B3	8 5/16	8 No16	141 5.0	

CL210



Cleats for ropes to 12mm (1/2")

	A mm Ø inch Ø	B mm Ø inch Ø	C mm Ø inch Ø	mm inch	mm Ø inch Ø	mm Ø Gauge	Gms Ozs
CL201 Vertical	6 - 12 1/4-1/2	Nylon A95 A3 3/4	B72 B2 13/16	C28 C1 1/8	6 1/4	6.3 No14	43 1.5
CL219, CL219AN Hard Anodised & CL219VB Racing Vertical	6 - 12 1/4-1/2	Aluminium A90 A3 9/16	B72 B2 13/16	C27 C1 1/16	6 1/4	6.3 No14	70 2.5
CL228 Vertical with Integral Fairlead	6 - 12 1/4-1/2	Nylon A114 A4 1/2	B72 B2 13/16	C30 C1 3/16	6 1/4	6.3 No14	68 2.4
CL804 Tapered Pad for CL201, 219, 219AN, 237 & 238	-	Polypropylene A103 A4 1/16	B - B -	C34 C1 3/8	6 1/4	6.3 No14	18 0.6

CL201



CL219



CL219AN



CL219VB



CL804



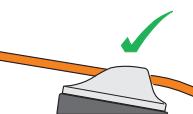
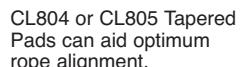
CL228



Our aluminium cleats are easily welded to provide a strong and permanent fixing. Where an alloy cleat needs to be fixed to an aluminium surface welding can be less expensive than drilling holes and bolting on a cleat. Applications include aluminium fishing boats and oil rigs.



Tapered pads aid optimum rope alignment, especially when a fairlead would not be appropriate.



Spring-gate Cleats for ropes to 12mm (1/2")

	A mm Ø inch Ø	B mm Ø inch Ø	C mm Ø inch Ø	mm inch	mm Ø inch Ø	mm Ø Gauge	Gms Ozs
CL237 Vertical with Spring-gate	6 - 12 1/4-1/2	Nylon A95 A3 3/4	B72 B2 13/16	C40 C1 5/8	6 1/4	6.3 No14	47 1.7
CL238 Racing Vertical with Spring-gate	6 - 12 1/4-1/2	Aluminium A90 A3 9/16	B72 B2 13/16	C40 C1 5/8	6 1/4	6.3 No14	75 2.6

CL237



CL238



Cleats for ropes to 10mm (3/8")

	A mm Ø inch Ø	B mm Ø inch Ø	C mm Ø inch Ø	mm inch	mm Ø inch Ø	mm Ø Gauge	Gms Ozs
CL202 Horizontal	6 - 10 1/4-3/8	Nylon A74 A2 15/16	B51 B2	C79 C3 1/8	6 1/4	6.3 No14	64 2.3
CL206 Lateral (Starboard)	6 - 10 1/4-3/8	Nylon A75 A3	B51 B2	C49 C1 15/16	6 1/4	6.3 No14	35 1.3
CL207 Lateral (Port)	6 - 10 1/4-3/8	Nylon A75 A3	B51 B2	C49 C1 15/16	6 1/4	6.3 No14	35 1.3

One of the first non-marine uses for Clamcleat® rope cleats was to tension and secure safety slings used by electricity and telephone engineers when working up ladders leaning against poles.



CL206

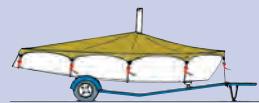


CL207

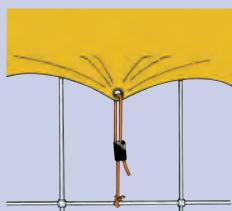


CL207

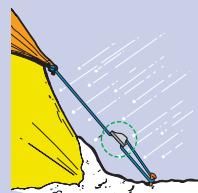
A few applications



The CL223 or CL260 for canvas covers.



The CL223 or CL234 for tarpaulins.



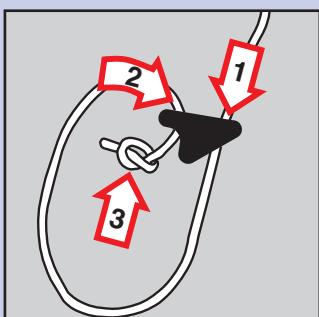
The CL222AN (pages 4 and 12) was chosen for use in sub-zero temperatures and high loads.



The CL253 can hold heavy banners and flags.

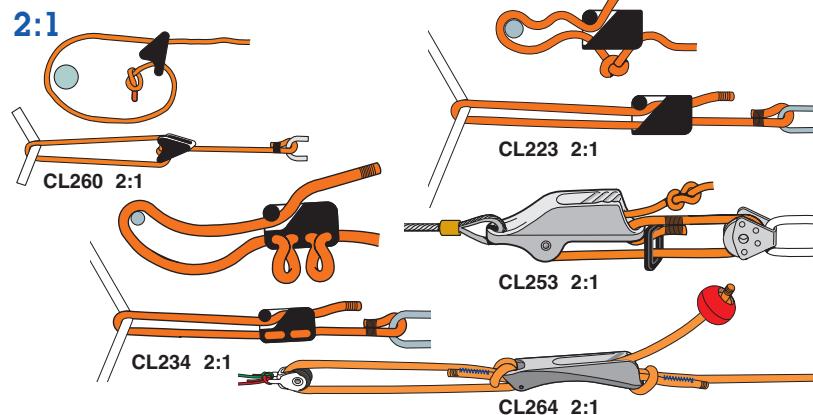


Other colours are available in larger quantities.



This diagram shows the best way to rig LINE-LOK® cleats.

Rigging Cleats



Bundling

The smaller cleats are ideal for bundling



Line-Lok® Camping Cleats

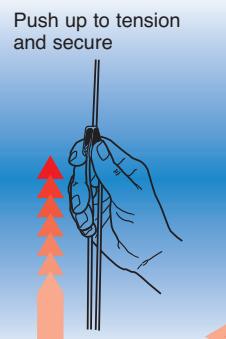
	mm Ø inch Ø	A B	C C	mm inch	Gms Ozs
CL260, CL260W White & CL260G Glow in the dark Line-Lok®	2 - 5 5/64-3/16	Nylon A31.2 B - A11/4 B -	C18.5 C3/8	2.2 0.08	
CL266 & CL266W White Mini Line-Lok®	0 - 3 0-1/8	Nylon A21.6 B - A55/64 B -	C6.6 C17/64	0.5 0.02	

These Line Tensioners lock lines securely and are easy to release.

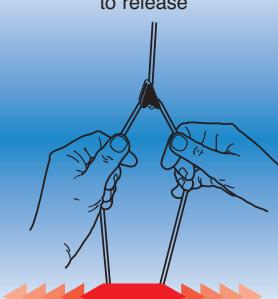
- Easy to tension, easy to release even when wearing thick gloves.
- Grips the line to resist being shaken loose - even in extreme conditions.
- Patented tooth form holds high loads without damaging the line.
- Engineering grade Nylon, impact and UV resistant.
- Out performs all existing plastic guy runners.

Full information on packaging availability and colours at www.linelok.com

Push up to tension and secure

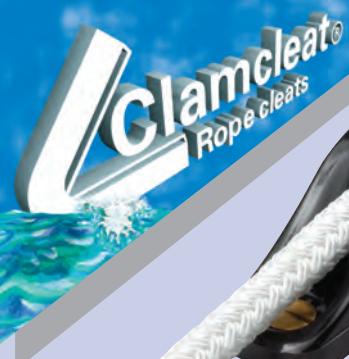


Pull lines apart to release



Easy to use, even when wearing thick mitts or gloves.

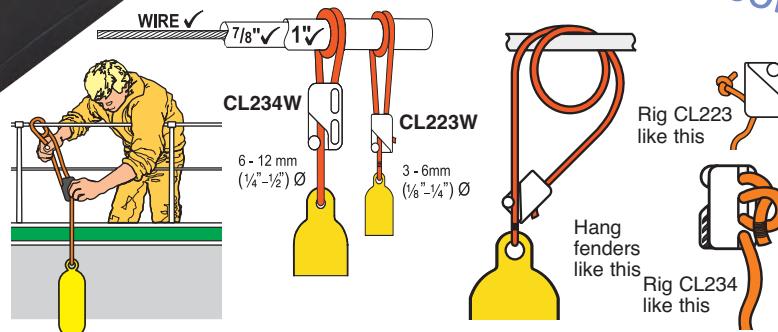




clamcleat.com

clamcleat.com

clamcleat.com



The white CL223W and CL234W are ideal for hanging fenders. Advantages are :-
Fits all sizes of rail and guard wires.
Cleat stays on fender rope - nothing to lose.
Easy to hang fender - simple to adjust.

Wrapping the rope twice round the rail stops the fender sliding along the rail.

CL222



CL222AN



CL230AN



CL230



CL253AN



CL253



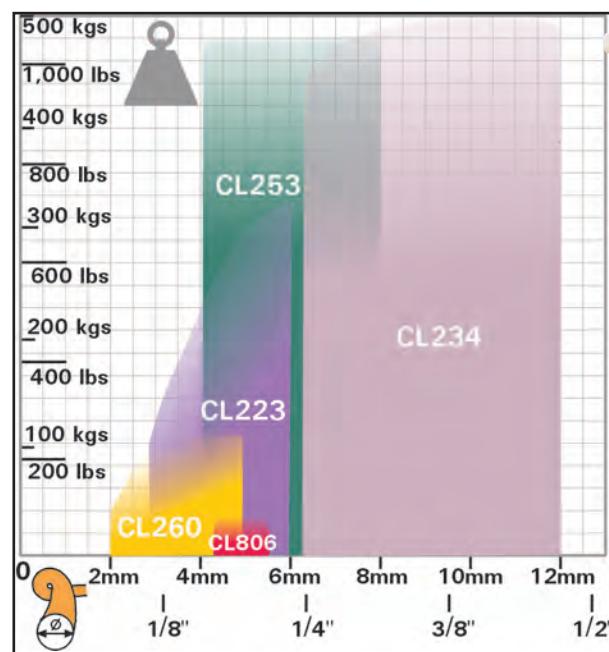
CL264



CL264AN

Cleats for Rigging on a Rope

	mm Ø inch Ø	A B C	mm inch	Gms Ozs
CL222 & CL222AN Hard Anodised Racing Mini	3 - 6 1/8 - 1/4	Aluminium A48 B36 C15 A17/8 B17/16 C5/8	15 0.6	
CL223 & CL223W White Loop Cleat	3 - 6 1/8 - 1/4	Nylon A52 B - C18 A21/16 B - C11/16	18 0.7	
CL234 & CL234W White Fender/Large Loop Cleat	6 - 12 1/4 - 1/2	Nylon A78 B - C24 A31/16 B - C15/16	45 1.6	
CL230 & CL230AN Hard Anodised Racing Junior Mk1 with Roller	3 - 6 1/8 - 1/4	Aluminium A82 B66 C18 A31/4 B25/8 C11/16	35 1.2	
CL253 & CL253AN Hard Anodised Trapeze and Vang Cleat	4 - 8 5/32 - 5/16	Aluminium A89 B70 C18 A31/2 B29/4 C11/16	46 1.6	
CL260, CL260W White & CL260G Glow in the dark Line-Lok®	2 - 5 5/64 - 3/16	Nylon A31 B - C10 A11/4 B - C3/8	2.2 0.08	
CL266 & CL266W White Mini Line-Lok®	0 - 3 0 - 1/8	Nylon A21.6 B - C6.6 A55/64 B - C17/64	0.5 0.02	
CL806 Jiffy Tie	5 3/16	Polypropylene A42 B - C22 A13/4 B - C7/8	4 0.1	
CL264 & CL264AN Hard Anodised Cobra Cleat	4 - 6 3/16 - 1/4	Aluminum 118 - 423/32 -	23 29/32	47 1.7



The graph shows rope sizes for each cleat and the loads that can be achieved using good quality yachting rope, when rigged for 2 : 1 advantage. Working loads will vary, depending on :-
Size and type of rope.
How the cleat is rigged.



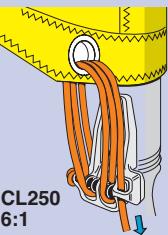
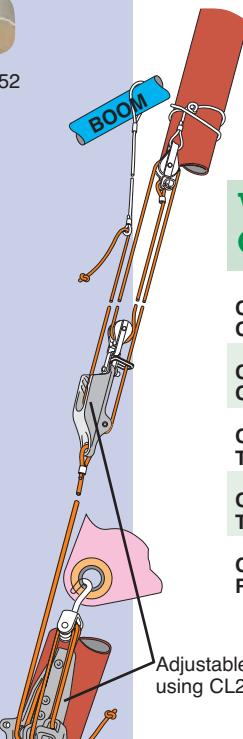
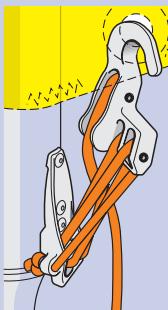
CL244

Windsurfing Cleats - Outhaul

	mm Ø inch Ø	A B	C	mm inch	Gms Ozs
CL244 Boom Cleat and Clamp	3 - 6 1/8-1/4	A58 A21/4	B - B -	C - C -	32 1.1
CL252 Racing Outhaul with Fairlead	3 - 6 1/8-1/4	A56 A21/4	B - B -	C46 C13/4	37 1.3



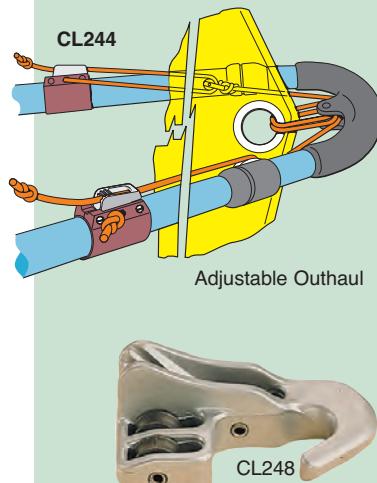
CL252

CL250
6:1CL248 + CL708
6:1

Windsurfing Cleats - Downhaul

	mm Ø inch Ø	A B	C	mm inch	mm Ø inch Ø	mm Ø Gauge	Gms Ozs
CL247 Compact Twin Sheave Cleat	3 - 6 1/8-1/4	A53 A21/16	B31 B11/4	C40 C19/16	4.8 3/16	4.8 No10	40 1.4
CL248 Cleat with Hook and 3 Sheaves	3 - 5 1/8-3/16	A69 A23/4	B - B -	C40 C19/16	-	-	52 1.8
CL250 The Gap Closer	3 - 5 1/8-3/16	A84 A31/4	B11+29 B9/16+1 1/8	C48 C11/2	4.8 3/16	4.8 No10	43 1.6
CL253 Trapeze and Vang Cleat	4 - 8 5/32-5/16	A89 A31/2	B70 B23/4	C18 C11/16	-	-	46 1.6
CL708 Rivet-on Fitting for 6:1 Ratio	3 - 5 1/8-3/16	A84 A35/16	B11+29 B9/16+1 1/8	C36 C17/16	4.8 3/16	4.8 No10	32 1.1

Adjustable Downhaul
using CL253 and CL250



CL244

Adjustable Outhaul



CL248



CL250



CL253



CL708

Power Grip Cleats

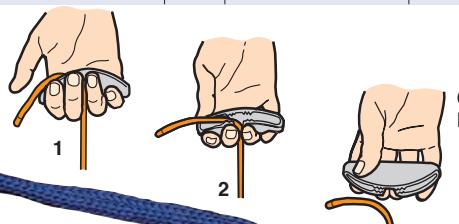
	mm Ø inch Ø	A B	C	mm inch	Gms Ozs
CL261 Power Grip 1	3 - 6 1/8-1/4	A95 A33/4	B - B -	C17 C11/16	52 1.9
CL262 Power Grip 2	3 - 6 1/8-1/4	A189 A77/16	B - B -	C17 C11/16	70 2.5



No more
sore hands!



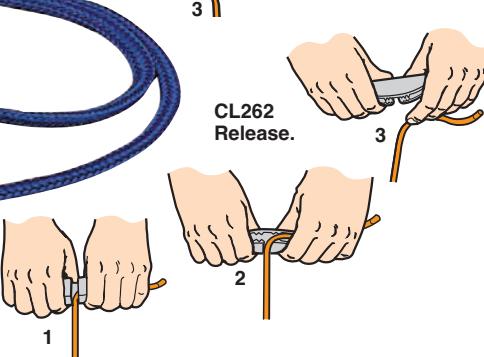
CL261



CL261 Release.



CL262



CL262 Release.

Smoothly contoured hand grip area voted the most comfortable shape to fit all hand sizes.

Use the Power Grip cleats to tension ropes on windsurfers, catamarans, dinghies, window blinds and drums.

The CL261 Power Grip 1 for single handed use, allows you to pull twice the load.



Use the CL262 Power Grip 2 where even more pulling power and control is required. It is light, strong and easy to carry in your pocket.



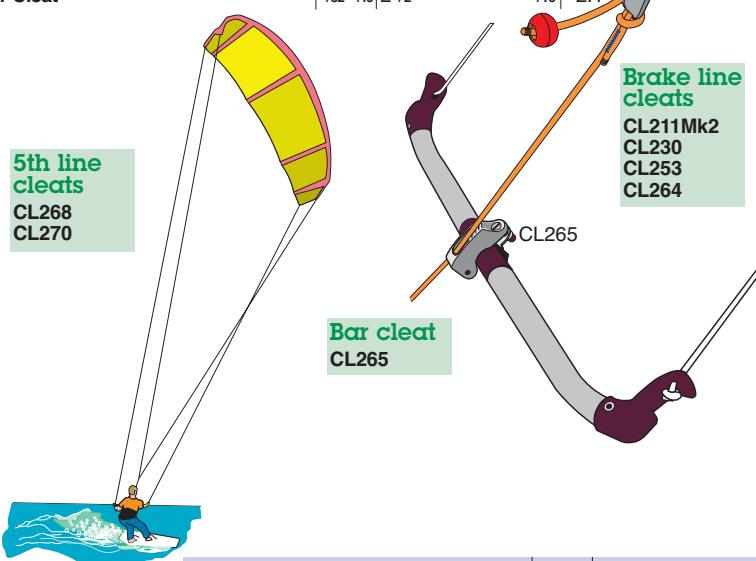
CL230 shown rigged with special stainless steel eye.
Ask for part N° PT230SSE.



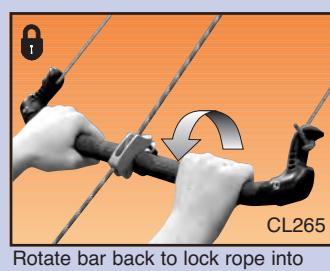
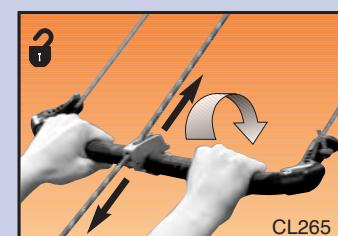
Kitesurfing Cleats

	mm Ø inch Ø	A B	C	mm inch	Gms Ozs
CL211 Mk2AN Hard Anodised Racing Junior Mk2	3 - 6 1/8-1/4	Aluminium A55 A21/8	B27 B11/16	C17 C5/8	23 0.8
CL268AN Hard Anodised Racing Micros	1 - 4 3/64-5/32	Aluminium A44 A13/4	B24 B15/16	C13 C1/2	11.0 0.40
CL270AN Hard Anodised Racing Micros with Becket	1 - 4 3/64-5/32	Aluminium A44 A13/4	B24 B15/16	C13 C1/2	13.0 0.50
CL264 & CL264AN Hard Anodised Cobra Cleat	4 - 6 3/16-1/4	Aluminum 118 423/32	-	23 29/32	47 1.7
CL253 & CL253AN Hard Anodised Trapeze and Vang Cleat	4 - 8 5/32-5/16	Aluminium A89 A31/2	B70 B23/4	C18 C11/16	46 1.6
CL230 & CL230AN Hard Anodised Racing Junior Mk1 with Roller	3 - 6 1/8-1/4	Aluminium A82 A31/4	B66 B25/8	C18 C11/16	39 1.4
CL265 & CL265AN Hard Anodised Bar Cleat	4 - 8 5/32-5/16	Aluminum+S / Steel 63 21/2	-	18 11/16	60 2.1

5th line
cleats
CL268
CL270



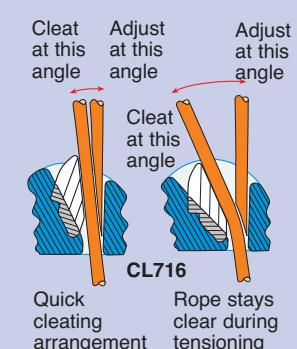
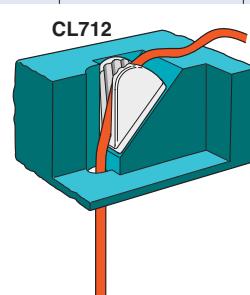
Brake line
cleats
CL211Mk2
CL230
CL253
CL264



Insert Cleats for ropes to 6mm (1/4")

	mm Ø inch Ø	A B	C	mm inch	Gms Ozs
CL243/L Nylon Insert Cleat with Fairlead	3 - 6 1/8-1/4	Nylon A42 A111/16	B - B	C22 C7/8	9 0.3
CL244/L Aluminium Insert Cleat with Fairlead	3 - 6 1/8-1/4	Aluminium + Nylon A42 A15/8	B - B	C22 C7/8	32 1.1
CL710 Twin Insert Cleat	3 - 6 1/8-1/4	Aluminium A48 A17/8	B - B	C13 C1/2	18 0.6
CL712 Small Insert Cleat	3 - 5 1/8-3/16	Aluminium A28 A11/8	B - B	C11 C7/16	7 0.20
CL716 Very Small Insert Cleat	3 - 4 1/8-5/32	Aluminium A24 A15/16	B - B	C11 C7/16	4 0.14
CL718 Insert for Sail Edge Cleat	2 - 4 1/16-3/16	Aluminium A25 A1	B - B	C12 C1/2	4 0.14

The CL712 and CL716 have been designed to snap-fit into a plastic moulding to combine the strength of an alloy cleat with the lower cost of a moulded component. Full installation details on our website.





CL235

CL203W/S1



CL236



CL236AN



CL230AN



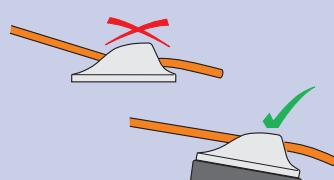
CL253AN



CL253



CL215



Tapered pads aid optimum rope alignment, especially when a fairlead would not be appropriate.

Cleats for tubes 30 to 37mmØ

	A mm Ø inch Ø	B mm inch	C mm inch	Gms Ozs
CL235 Boom Cleat, one piece cleat & clamp	3 - 6 1/8-1/4	Nylon A67 B - C36 A25/8 B - C11/32	17 0.6	
CL243 Boom Cleat and Clamp	3 - 6 1/8-1/4	Nylon + Nylon A58 B - C - A21/4 B - C -	28 1.0	
CL244 Boom Cleat and Clamp	3 - 6 1/8-1/4	Aluminium + Nylon A58 B - C - A21/4 B - C -	32 1.1	
CL265 & 265AN Hard Anodised Boom & Tube Cleat	4 - 8 5/32-5/16	Aluminium A82 B66 C18 A31/4 B25/8 C11/16	60 2.1	

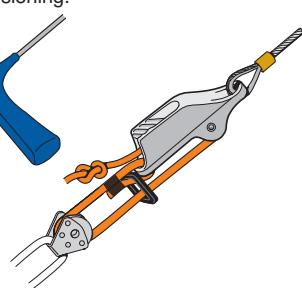
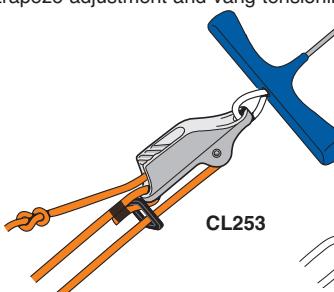
Fixings are supplied. For smaller diameter tubes, we also supply packers. Please ask for details.



Roller Cleats for ropes to 8mm (5/16")

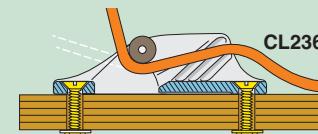
	A mm Ø inch Ø	B mm inch	C mm Ø inch Ø	Gauge	Gms Ozs
CL203W/S1 Roller Fairlead White Junior	3 - 6 1/8-1/4	Nylon A82 B66 C18 A31/4 B25/8 C11/16	4 5/32	4.2 No8	18 0.6
CL236 & CL236AN Hard Anodised Roller Fairlead Mk1 Racing Junior	3 - 6 1/8-1/4	Aluminium A82 B66 C18 A31/4 B25/8 C11/16	5 3/16	4.8 No10	40 1.4
CL203W/S2 White Junior with Roller	3 - 6 1/8-1/4	Nylon A82 B66 C18 A31/4 B25/8 C11/16	4 5/32	4.2 No8	18 0.6
CL230 & CL230AN Hard Anodised Racing Junior Mk1 with Roller	3 - 6 1/8-1/4	Aluminium A82 B66 C18 A31/4 B25/8 C11/16	5 3/16	4.8 No10	39 1.4
CL253 & CL253AN Hard Anodised Trapeze and Vang Cleat	4 - 8 5/32-5/16	Aluminium A89 B70 C18 A31/2 B23/4 C11/16	—	—	46 1.6

The CL253/CL253AN are designed for trapeze adjustment and vang tensioning.



CL230

The CL230/CL230AN are ideal for through-deck or mast applications.



The CL236/CL236AN have low friction roller fairleads.

Cleats for ropes to 8mm (5/16")

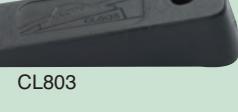
	A mm Ø inch Ø	B mm inch	C mm Ø inch Ø	Gauge	Gms Ozs
CL215 Side-fixing Midi	4 - 8 5/32-5/16	Nylon A38 B27 C43 A11/2 B11/8 C11/16	#10 5 3/16	4.8 No10	14 0.5
CL231 Midi with integral Fairlead	4 - 8 5/32-5/16	Nylon A88 B55 C22 A37/16 B21/8 C7/8	#10 5 3/16	4.8 No10	30 1.1

CL209



Cleats for ropes to 8mm (5/16")

	A mm Ø inch Ø	B mm inch	C mm Ø inch Ø	Gauge	Gms Ozs
CL209 Midi	4 - 8 5/32-5/16	Nylon A73 B55 C19 A27/8 B21/8 C3/4	#10 5 3/16	4.8 No10	20 0.7
CL254 & CL254AN Hard Anodised Racing Midi	4 - 8 5/32-5/16	Aluminium A70 B55 C19 A23/4 B21/8 C3/4	#10 5 3/16	4.8 No10	38 1.3
CL803 Tapered Pad for CL209, 254 & 254AN	—	Polypropylene A79 B - C24 A31/8 B - C15/16	#10 5 3/16	4.8 No10	8 0.3





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CL241



CL241AN

CL258



CL258AN

CL259



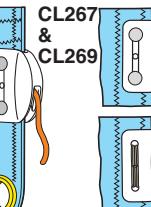
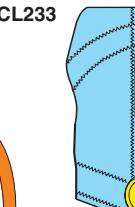
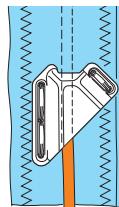
CL259AN



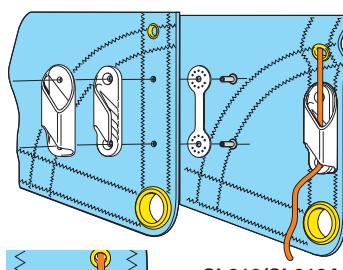
CL212BP-B

Sail Cleats

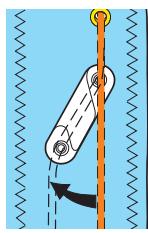
		A	B	C	mm Ø inch Ø	mm inch	mm Ø inch Ø	Gms Ozs
CL212 Leech Line Cleat	2 - 5 $1\frac{1}{16}$ - $3\frac{1}{16}$	Nylon A70 A2 $\frac{3}{4}$	B49 B1 $\frac{15}{16}$	C21 C1 $\frac{3}{16}$	4 $5\frac{3}{32}$	9 0.3		
CL212A Shield for CL212	-	Nylon A71 A2 $\frac{3}{4}$	B49 B1 $\frac{15}{16}$	C29 C1 $\frac{1}{8}$	4 $5\frac{3}{32}$	4 0.1		
CL212BP Backplate for CL212	-	Nylon A70 A2 $\frac{3}{4}$	B49 B1 $\frac{15}{16}$	C21 C1 $\frac{3}{16}$	-	2 0.08		
CL212BP Black for CL241AN, CL258AN & CL259AN	-	Nylon A70 A2 $\frac{3}{4}$	B49 B1 $\frac{15}{16}$	C21 C1 $\frac{3}{16}$	-	2 0.08		
CL214W Fine Line Cleat (Starboard)	2 - 5 $1\frac{1}{16}$ - $3\frac{1}{16}$	A70 A2 $\frac{3}{4}$	B49 B1 $\frac{15}{16}$	C21 C1 $\frac{3}{16}$	4 $5\frac{3}{32}$	9 0.3		
CL221 Dingy Leech Line Cleat	0 - 3 $0\frac{3}{16}$	A43 A1 $\frac{3}{4}$	B33 B1 $\frac{3}{16}$	C17 C1 $\frac{1}{16}$	3 $1\frac{1}{8}$	4 0.1		
CL233 Sail Line Cleat	2 - 6 $1\frac{1}{16}$ - $1\frac{1}{4}$	A57 A2 $\frac{1}{4}$	B -	C34 C1 $\frac{3}{8}$	-	8 0.3		
CL233BP Backplate for CL233	-	Nylon A57 A2 $\frac{1}{4}$	B -	C34 C1 $\frac{3}{8}$	-	2 0.08		
CL241 & CL241AN Hard Anodised Racing Sail Line Cleat	3 - 6 $1\frac{1}{8}$ - $1\frac{1}{4}$	A70 A2 $\frac{3}{4}$	B49 B1 $\frac{15}{16}$	C21 C1 $\frac{3}{16}$	4.5 $5\frac{1}{16}$	16 0.6		
CL258 & CL258AN Hard Anodised Racing Fine Line (Starboard)	3 - 6 $1\frac{1}{8}$ - $1\frac{1}{4}$	A70 A2 $\frac{3}{4}$	B49 B1 $\frac{15}{16}$	C21 C1 $\frac{3}{16}$	4.5 $5\frac{1}{16}$	18 0.7		
CL259 & CL259AN Hard Anodised Racing Fine Line (Port)	3 - 6 $1\frac{1}{8}$ - $1\frac{1}{4}$	A70 A2 $\frac{3}{4}$	B49 B1 $\frac{15}{16}$	C21 C1 $\frac{3}{16}$	4.5 $5\frac{1}{16}$	18 0.7		
CL267 Racing Sail Edge Cleat	1 - 4 $3\frac{1}{64}$ - $5\frac{1}{32}$	A50 A2	B30 B1 $\frac{3}{16}$	C37 C1 $\frac{7}{16}$	4 $5\frac{3}{32}$	12 0.42		
CL269 Sail Edge Cleat	1 - 4 $3\frac{1}{64}$ - $5\frac{1}{32}$	A50 A2	B30 B1 $\frac{3}{16}$	C37 C1 $\frac{7}{16}$	4 $5\frac{3}{32}$	10 0.35		



The CL267 is an alloy cleat inside a wrap-round nylon moulding. The CL269 is a nylon cleat.



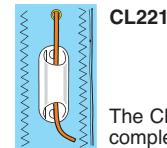
CL212/CL212A



Alternative position for CL212 (or CL258) (also CL214W, CL259)

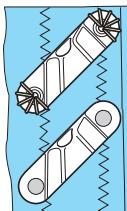
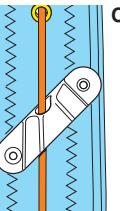
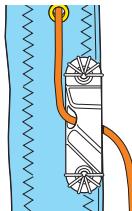
Most cleats are available with or without backplates and rivets.

The CL212A shield prevents the CL212 snagging in shrouds or other parts of the rigging.



CL221

The CL221 is supplied complete.



Most cleats can be sewn or riveted.

CL241 also has alternative uses on rigid surfaces.

CL212

CL212A

CL212BP

CL214W

CL221

CL233

CL267

CL269

Nylon casing for easy fitting and impact resistance.

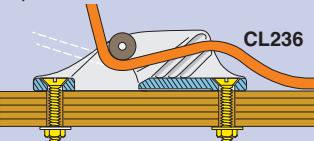
CL267



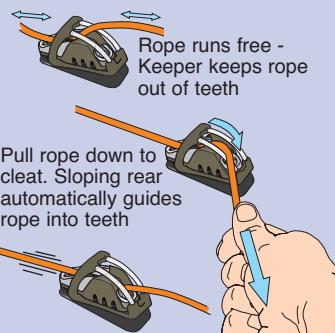
Alloy cleat for strength and long life.



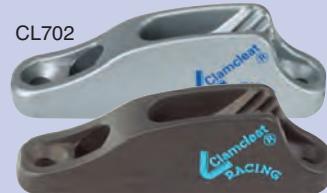
These Cleats are modifications to our standard range. The CL203W/S1 is used on a range of large umbrellas. Any of our cleats can be modified to suit customer requirements.



The CL236/CL236AN have low friction roller fairleads.



Rope held securely, even if cleat is mounted under a surface.



CL702



CL704AN



CL704



Using Side Entry cleats correctly

Cleats for ropes to 6mm (1/4")

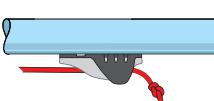
	A mm Ø inch Ø	B mm inch	C mm Ø inch Ø	mm inch	mm Ø inch Ø	mm Ø Gauge	Gms Ozs
CL203 & CL203W White Junior	3 - 6 1/8-1/4	A82 A31/4	B66 B25/8	C18 C11/16	#8 5/32	4.2 No8	17 0.6
CL211 Mk1 & CL211 Mk1AN Hard Anodised Racing Junior Mk1	3 - 6 1/8-1/4	A82 A31/4	B66 B25/8	C18 C11/16	#10 3/16	4.8 No10	35 1.2
CL203W/S1 Roller Fairlead White Junior	3 - 6 1/8-1/4	A82 A31/4	B66 B25/8	C18 C11/16	#8 5/32	4.2 No8	18 0.6
CL236 & CL236AN Hard Anodised Roller Fairlead Mk1 Racing Junior	3 - 6 1/8-1/4	A82 A31/4	B66 B25/8	C18 C11/16	#10 5 3/16	4.8 4.8 No10	40 40 1.4



Accessories CL814, CL816 & CL818

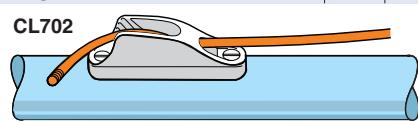
	mm Ø inch Ø	mm Ø inch Ø	mm Ø inch Ø	mm Ø Gauge	mm Ø Gauge	Gms Ozs
CL814 Keeper for CL203, CL203W/S1, CL211Mk1, CL211Mk1AN, CL217Mk1, CL218Mk1, CL236, CL236 AN	3 - 6 1/8-1/4	5 3/16	#10 5 3/16	4.8 No10	4.8 No10	11 0.4
CL816 Cage for CL203, CL203W/S1, CL211Mk1, CL211Mk1AN, CL236 Requires CL814 Keeper	—	5 3/16	#10 5 3/16	4.8 No10	4.8 No10	30 1.1
CL818 Tapered Pad for CL203, CL211Mk1, CL211Mk1AN CL217Mk1, CL218Mk1, CL236, CL704, CL704 AN	3 - 6 1/8-1/4	5 3/16	#10 5 3/16	4.8 No10	4.8 No10	14 0.5

The Keeper holds rope in teeth under no load or when mounted upside down. More details on using these accessories can be found on our website.



Cleats for ropes to 6mm (1/4")

	A mm Ø inch Ø	B mm inch	C mm Ø inch Ø	mm inch	mm Ø inch Ø	mm Ø Gauge	Gms Ozs
CL702 & CL702AN Hard Anodised Aluminium Boom Cleat	3 - 6 1/8-1/4	A82 A31/4	B66 B25/8	C18 C11/16	#10 5 3/16	4.8 No10	36 1.3
CL704 & CL704AN Hard Anodised Racing Junior Mk1 with Becket	3 - 6 1/8-1/4	A82 A31/4	B66 B25/8	C18 C11/16	#10 5 3/16	4.8 No10	34 1.2



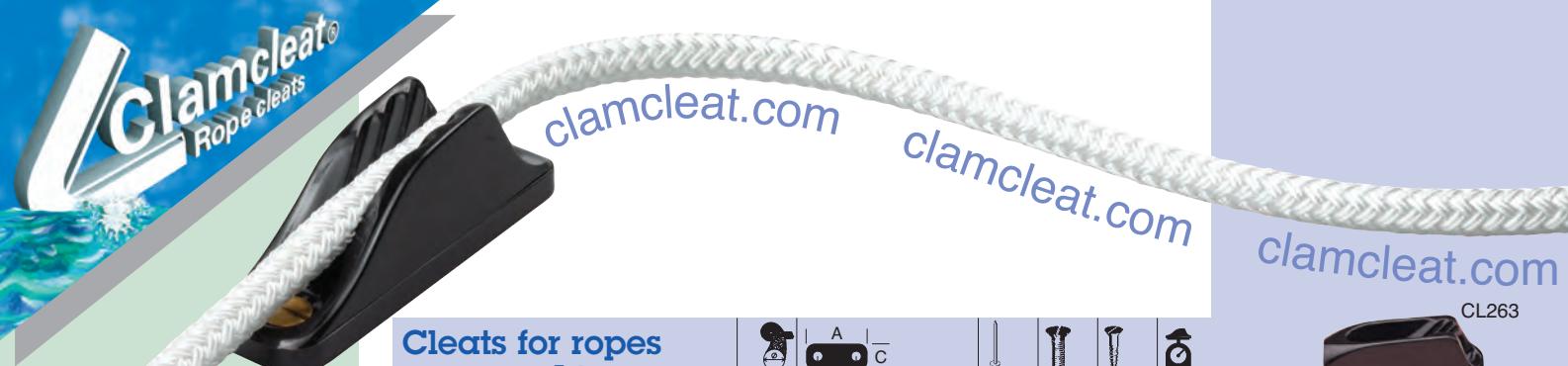
The CL702 has a specially curved base for use on tubes.



Side entry Cleats for ropes to 6mm

	A mm Ø inch Ø	B mm inch	C mm Ø inch Ø	mm inch	mm Ø inch Ø	mm Ø Gauge	Gms Ozs
CL217 Mk1 & CL217 Mk1AN Hard Anodised Side entry (Starboard)	3 - 6 1/8-1/4	A82 A31/4	B66 B25/8	C18 C11/16	#10 5 3/16	4.8 No10	30 1.1
CL218 Mk1 & CL218 Mk1AN Hard Anodised Side entry (Port)	3 - 6 1/8-1/4	A82 A31/4	B66 B25/8	C18 C11/16	#10 5 3/16	4.8 No10	30 1.1

Using Side Entry cleats correctly



CL211 Mk2AN



CL211Mk2/S2



CL211Mk2AN/S2

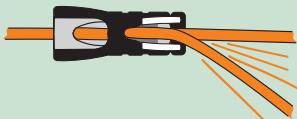
CL815



CL819



Cages CL816 and CL817 with wear resistant stainless steel allow easy cleating at extreme angles.



Cleats for ropes to 4mm (5/32")

	A mm Ø inch Ø	B	C mm inch	mm Ø inch Ø	mm Ø inch Ø	mm Ø Gauge	Gms Ozs
CL263 & CL263W White Micros	1 - 4 3/64-5/32	Nylon A44 B24 C13 A13/4 B15/16 C1/2		3.2 1/8	#4 3/32	3 No4	5 0.2
CL268 & CL268AN Hard Anodised Racing Micros	1 - 4 3/64-5/32	Aluminium A44 B24 C13 A13/4 B15/16 C1/2		3.2 1/8	#4 3/32	3 No4	11 0.4
CL270 & CL270AN Hard Anodised Racing Micros with Becket	1 - 4 3/64-5/32	Aluminium A44 B24 C13 A13/4 B15/16 C1/2		3.2 1/8	#4 3/32	3 No4	13 0.5
CL823 Tapered Pad for CL263, CL268 & CL270	-	Polypropylene A47 B - C19 A113/16 B - C3/4		3.2 1/8	#4 3/32	3 No4	4 0.15

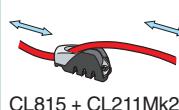
Cleats for ropes to 6mm (1/4")

	A mm Ø inch Ø	B	C mm inch	mm Ø inch Ø	mm Ø inch Ø	mm Ø Gauge	Gms Ozs
CL211 Mk2 & CL211 Mk2AN Hard Anodised Racing Junior Mk2	3 - 6 1/8-1/4	Aluminium A55 B27 C17 A21/8 B11/16 C5/8		3.2 1/8	#8 5/32	4.2 No8	21 0.8
CL211Mk2/S2 & CL211Mk2AN/S2 Hard Anodised Racing Junior Mk2 with Becket	3 - 6 1/8-1/4	Aluminium A55 B27 C17 A21/8 B11/16 C5/8		3.2 1/8	#8 5/32	4.2 No8	21 0.8

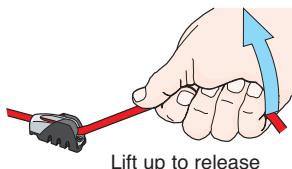
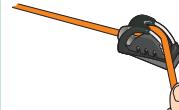
Rivetting the CL211Mk2 or CL263. Rivet gun spacers are available free of charge. Special long mandrel alloy rivets are also available for CL211Mk2.

Accessories CL815, CL817 & CL819

	A mm Ø inch Ø	B mm Ø inch Ø	C mm Ø inch Ø	D mm Ø inch Ø	E mm Ø Gauge	F mm Ø Gauge	Gms Ozs
CL815 Keeper (Acetal) for CL211 Mk2, CL211 Mk2AN, CL211 Mk2/S2 & CL211 Mk2AN/S2	3 - 6 1/8-1/4	4 1/8	4 5/32	4.2	4.2 No8	9 No8	0.3
CL817 Cage (Nylon & Stainless steel) for CL211 Mk2 & CL211 Mk2AN, Requires CL815 Keeper	-	-	-	-	-	-	0.8
CL819 Tapered Pad (Polypropylene) for CL211 Mk2, CL217 Mk2, CL218 Mk2 & CL211 Mk2/S2	3 - 6 1/8-1/4	4 1/8	4 5/32	4.2	4.2 No8	8 No8	0.3



Pull rope back and down to cleat



Lift up to release

Details for using Keeper and Cage are illustrated on page 7

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CL270 and CL270AN



Backplate provides under deck support when bolting through thin sections and is supplied with every tapered pad.



Tapered Pad allows correct rope/cleating alignment. Cleats can be mounted either way round. Pads can be stacked to increase angle or create a riser block.

CL217Mk2AN



CL217Mk2



CL218Mk2



CL218Mk2AN

Side entry Cleats for ropes to 6mm

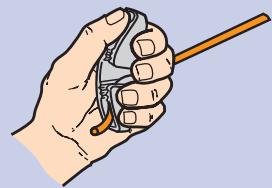
	A mm Ø inch Ø	B	C mm inch	mm Ø inch Ø	mm Ø inch Ø	mm Ø Gauge	Gms Ozs
CL217 Mk2 & CL217 Mk2AN Hard Anodised Side entry (Starboard)	3 - 6 1/8-1/4	Aluminium A55 B27 C18 A21/8 B11/16 C11/16		#8 5/32	4 No8	24 0.8	
CL218 Mk2 & CL218 Mk2AN Hard Anodised Side entry (Port)	3 - 6 1/8-1/4	Aluminium A55 B27 C17 A21/8 B11/16 C11/16		#8 5/32	4 No8	24 0.8	

Power Grip Cleats

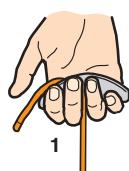
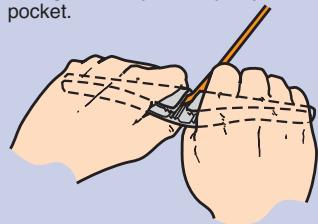
	A mm Ø inch Ø	B mm inch	C mm Ø inch Ø	Gms Ozs
CL261 Power Grip 1	3 - 6 1/8-1/4	Aluminium A95 B - C17 A3 ³ / ₄ B - C1 ¹ / ₁₆	52 1.9	
CL262 Power Grip 2	3 - 6 1/8-1/4	Aluminium A189 B - C17 A7 ⁷ / ₁₆ B - C1 ¹ / ₁₆	70 2.5	



The CL261 Power Grip 1 for single handed use, allows you to pull twice the load.



Use the CL262 Power Grip 2 where even more pulling power and control is required. It is light, strong and easy to carry in your pocket.

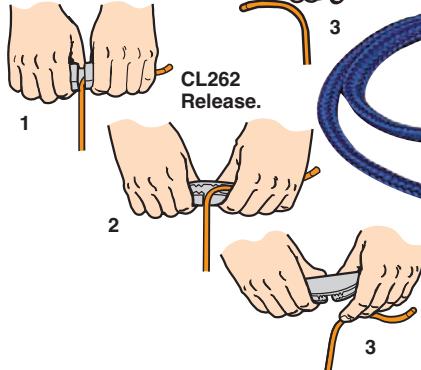


CL261
Release.

1

2

3



CL262
Release.

1

2

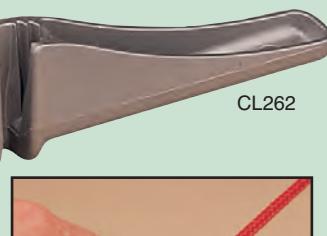
3



No more
sore hands!



CL261



CL262

Smoothly contoured hand grip area voted the most comfortable shape to fit all hand sizes.

Use the Power Grip cleats to tension ropes on windsurfers, catamarans, dinghies, window blinds and drums.



CL232

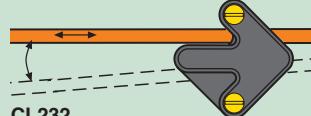


CL241

CL241AN

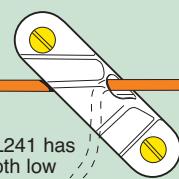
Cleats for ropes to 6mm (1/4")

	A mm Ø inch Ø	B mm inch	C mm Ø inch Ø	#8	4.2	13	Gms Ozs
CL232 Cub	3 - 6 1/8-1/4	Nylon A35 B35 C36 A1 ³ / ₈ B1 ³ / ₈ C1 ⁷ / ₁₆	#8 4 5/32	4.2 No8	13 0.5		
CL241 & CL241AN Hard Anodised Racing Sail Line Cleat	3 - 6 1/8-1/4	Aluminium A70 B49 C21 A2 ³ / ₄ B1 ¹⁵ / ₁₆ C1 ³ / ₁₆	#8 4 5/32	4.2 No8	16 0.6		



CL232

The CL232 can be fitted either way up. Minimum movement cleats the rope.

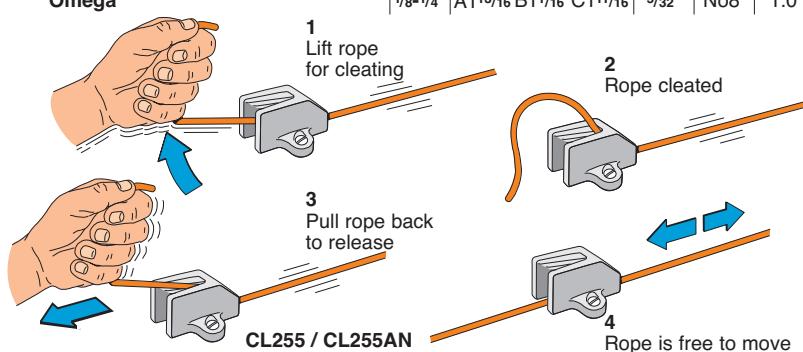


CL241

The CL241 has a smooth low profile for snag free areas.

Omega Cleats

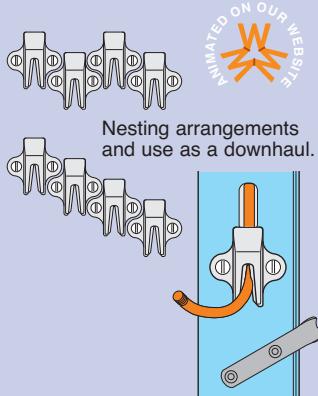
	A mm Ø inch Ø	B mm inch	C mm Ø inch Ø	#8	4.2	31	Gms Ozs
CL255 & CL255AN Hard Anodised Omega	3 - 6 1/8-1/4	Aluminium A46 B27 C43 A1 ¹³ / ₁₆ B1 ¹ / ₁₆ C1 ¹¹ / ₁₆	#8 4 5/32	4.2 No8	31 1.0		



CL255AN



CL255



Nesting arrangements and use as a downhaul.



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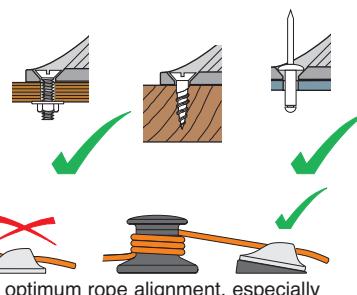
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clamcleat.com

Fitting

Most cleats are provided with countersunk fixing holes. Countersunk head screws or bolts of the recommended size should be used; bolts being preferred. If using rivets with a powered fixing gun, make sure the pressure is not set too high. Fastenings must be entered straight so that the heads do not protrude to snag the rope. Several of the cleats have been designed with a groove in the base enabling them to be fitted to both flat and curved surfaces.

Clamcleat® rope cleats are not suitable for metal ropes.



Tapered pads aid optimum rope alignment, especially when a fairlead would not be appropriate.

For additional information on fitting cleats, visit web page **Helpful Hints** at our web site.
<http://www.clamcleat.com>



Cleats for ropes to 6mm (1/4")

		A mm Ø inch Ø	B mm inch	C mm Ø inch Ø	mm Ø inch Ø	Gauge	Gms Ozs
CL204 & CL204W White Mini	3 - 6 1/8-1/4	Nylon A52 B36 C17 A21/16 B17/16 C5/8	4 5/32	#8 No8	4.2	9 0.3	
CL222 & CL222AN Hard Anodised Racing Mini	3 - 6 1/8-1/4	Aluminium A48 B36 C15 A17/8 B17/16 C5/8	4 5/32	#8 No8	4.2	16 0.6	
CL802 Tapered Pad for CL204 & CL222	-	Polypropylene A57 B- C21 A21/4 B- C13/16	4 5/32	#8 No8	4.2	4 0.1	

Cleats for ropes to 6mm (1/4")

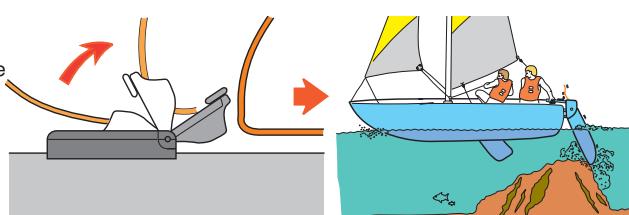
		A mm Ø inch Ø	B mm inch	C mm Ø inch Ø	mm Ø inch Ø	Gauge	Gms Ozs
CL212 White & CL213 Fine Line (Starboard)	2 - 5 1/16-3/16	Nylon A70 B49 C21 A23/4 B115/16 C13/16	4 5/32	#8 No8	4.2	9 0.3	
CL214 & CL214W White Fine Line (Port)	2 - 5 1/16-3/16	Nylon A70 B49 C21 A23/4 B115/16 C13/16	4 5/32	#8 No8	4.2	9 0.3	
CL258 & CL258AN Hard Anodised Racing Fine Line (Starboard)	3 - 6 1/8-1/4	Aluminium A70 B49 C21 A23/4 B115/16 C13/16	4 5/32	#8 No8	4.2	19 0.7	
CL259 & CL259AN Hard Anodised Racing Fine Line (Port)	3 - 6 1/8-1/4	Aluminium A70 B49 C21 A23/4 B115/16 C13/16	4 5/32	#8 No8	4.2	19 0.7	



Auto-Release Cleat

		A mm Ø inch Ø	B mm inch	C mm Ø inch Ø	mm Ø inch Ø	Gauge	Gms Ozs
CL257 Auto-Release Racing Mini	4 - 6 3/16-1/4	Aluminium + Acetal A68 B36 C24 A25/8 B113/32 C7/8	4 5/32	#8 4 5/32	4.2	No8	31 1.0

The cleat flips up to release the rope when a set load is exceeded. The CL257 is easily re-set or adjusted for different release loads, even out on the water.



CL257

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Other products

The following cleats are available but not shown in this catalogue:-

CL201-O Old style Vertical (with 84mm hole centres)

CL216 Commodore

CL243 Nylon Boom Cleat & Clamps

Special designs and custom manufacture

In addition to the products shown in this catalogue, we are also able to supply special models or adaptations of existing cleats. This can be as simple as producing a cleat in a specific colour, adding or removing a roller, or as complex as designing and manufacturing a completely new item using our own in-house research and toolmaking facilities.

Our experience enables us to produce the correct tooth form for each application, which is crucial in ensuring a successful cleat. Our designers are always interested in discussing new ideas and applications.

Visit www.plasticmoulding.net to see our manufacturing facilities and a selection of case studies.



Websites



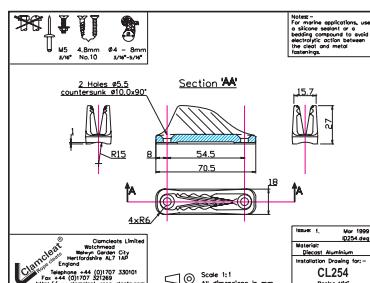
Clamcleat.com contains all the cleats shown in this catalogue, plus additional sketches and animations. You can also download leaflets and instructions.



One-stop solutions for injection moulded parts in engineering plastics. We offer a complete service, from product advice and design, through toolmaking, to supplying completed parts.

Installation Drawings

These drawings contain all the information you need to fit our cleats to your product.



Download from www.clamcleat.com. Drawings are in Adobe Acrobat PDF format and will print full size on both A4 and US letter paper.

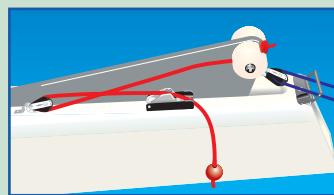
Whilst every effort is made to ensure that all specifications given in the technical information is correct, they shall not be deemed to be a representation or warranty on behalf of the Company and the Company shall not accept any liability for the accuracy thereof in any circumstances.

The names CLAMCLEAT and LINE-LOK are the registered trade marks of Clamcleats Limited.

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More Marine Applications

Our website shows a number of applications for dinghies and small cruisers. See the Marine Applications page at clamcleat.com



The CL257, mounted to protect a centre board.

Industrial Applications

There are many ingenious uses for our cleats. Some are shown here and more can be seen at clamcleat.com



CL261 Power Grip 1



Djembe drums are traditional instruments from Africa. The one pictured here has its skin tensioned using CL261 Power Grip 1 cleats.



The CL236 on the left, see pages 7 and 9, is a typical example of a non marine application. Above are a range of large umbrellas using one of our 'special' cleats CL203/S1, see pages 7 and 9.



The tensioning of this Volleyball net is made easy simply by the use of three CL223 cleats, see page 12.

Retail Promotion

Use our special display panel or stickers to form the basis of a good-looking shop display. Retail cleats are attractively packaged, including information to make purchasing easy. Starter kits are available and consist of popular selling cleats. Please ask your distributor.

For manufacturers and boat builders, cleats are available in bulk packs.



3. Accessories Starter Kit CL822 with demonstration model.



1. Starter Kit CL820 for Dinghies and Windsurfing.

2. Starter Kit CL821 for Dinghies and Yachts.

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clamcleat.com shows all the cleats in this catalogue, with additional information.
www.plasticmoulding.net shows our manufacturing facilities and services.