

## TILLERS

All tillers are manufactured from high grade light weight anodised aluminium tube, and all are supplied standard with the "Fibre Flex" universal joint and rubberised non-slip grip. Each is also fitted with our non-fouling end knob.

Telescopic tillers feature a positive twist action which operates in both directions, which enables the skipper to adjust the length while steering.

## UNIVERSAL JOINT

The "Fibre Flex" universal joint is moulded in clear plastic with a fibre core so in the event of the plastic failing, you can still finish the race.



**PYF205**

**PYF202**

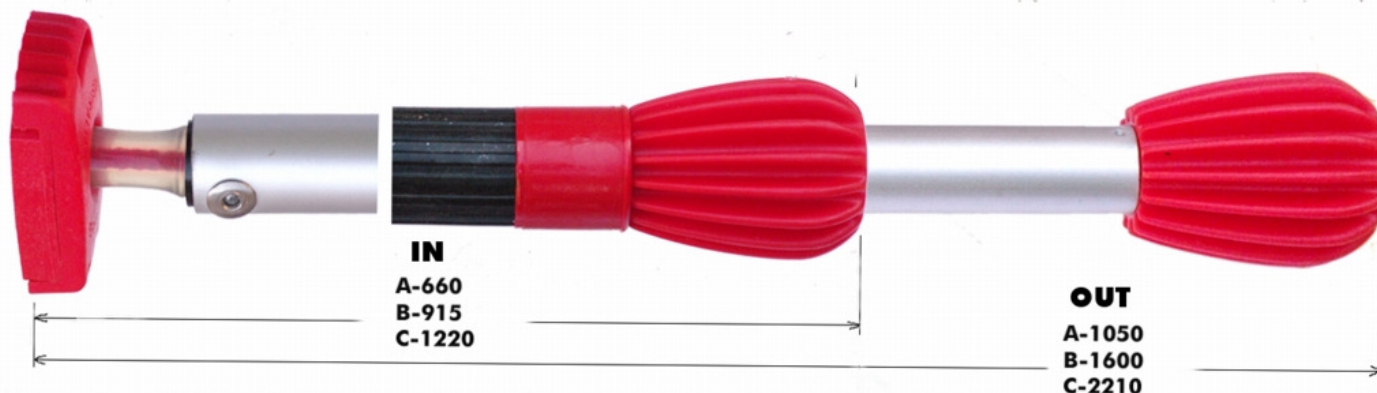


**PYF240**

## FIXED - PYF210A..D, PYF211A..D



## TELESCOPIC - PYF220A..C, PYF221A..C



## FIXED TILLER EXTENSIONS

Aluminium anodising

Clear	Black	Length
PYF210A	PYF211A	610mm
PYF210B	PYF211B	760mm
PYF210C	PYF211C	915mm
PYF210D	PYF211D	1065mm

## TELESCOPIC TILLER EXTENSIONS

Aluminium anodising

Clear	Black	Length	
		IN	OUT
PYF220A	PYF221A	660mm	1050mm
PYF220B	PYF221B	915mm	1600mm
PYF220C	PYF221C	1220mm	2210mm

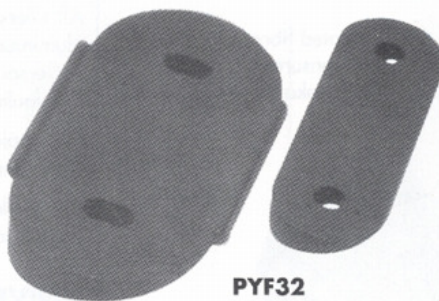
## UNIVERSAL JOINTS

<b>PYF202</b>	Clear red fibre core and fixed base
<b>PYF204</b>	Two piece removable cap kit to suit all performance flexible joints
<b>PYF205</b>	Complete unit comprising flexible joint and removable cap kit





PYF20  
PYF22  
PYF21  
PYF24



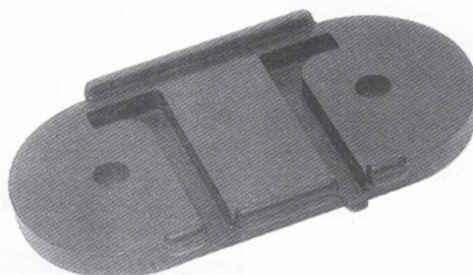
PYF32



PYF16



PYF10  
PYF11



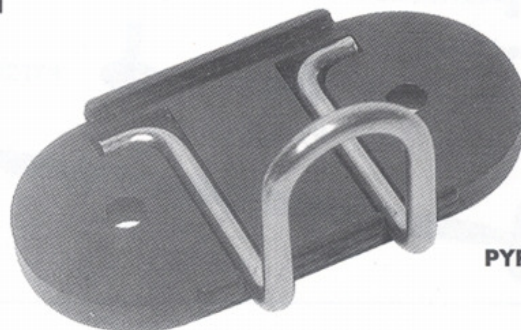
PYF31



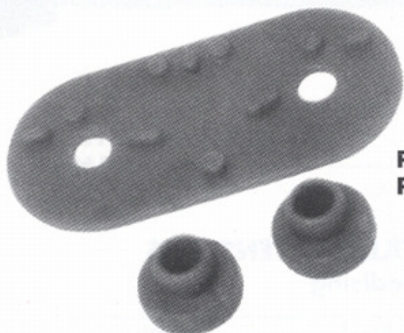
PYF15



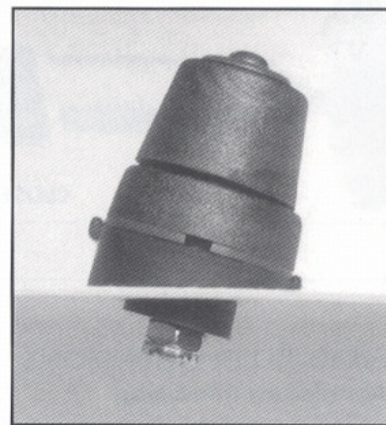
PYF12  
PYF13



PYF30



PYF17  
PYF33



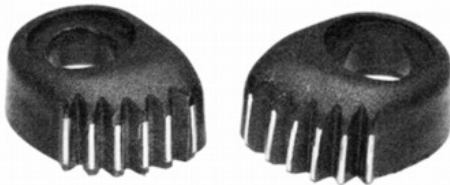
Angled mounting surface  
provided by wedge kits

<b>PYF10</b>	Small Cam Bush Bearing	<b>PYF20</b>	Medium Cam Bush Bearing
<b>PYF11</b>	Small Cam Ball Bearing	<b>NEW PYF21</b>	Medium Cam Stainless insert Teeth Acetal Bush Bearing
<b>PYF12</b>	Small Cam Bush Bearing including Lead	<b>NEW PYF24</b>	Medium Cam Stainless insert Roller Bearing
<b>PYF13</b>	Small Cam Ball Bearing including Lead	<b>PYF30</b>	Medium Cam Lead Kit
<b>PYF15</b>	Small Cam Lead	<b>PYF31</b>	Medium Cam Flat Spacer Pad
<b>PYF16</b>	Small Cam Wedge – 15 degrees	<b>PYF32</b>	Medium Wedge – 15 degrees
<b>PYF17</b>	Small Fluoro Kit – Pink/Green/Yellow	<b>PYF33</b>	Medium Fluoro Kits – Pink/Green/Yellow

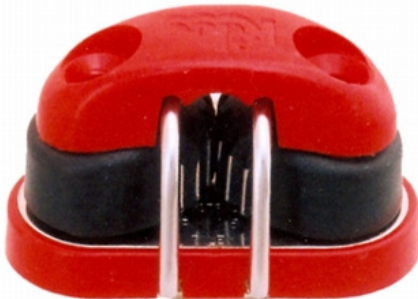




RM161



RM161C



RM162



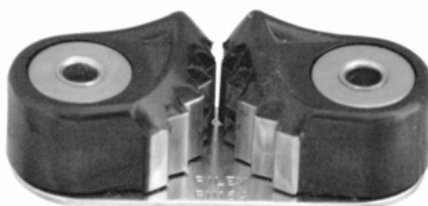
RM162B



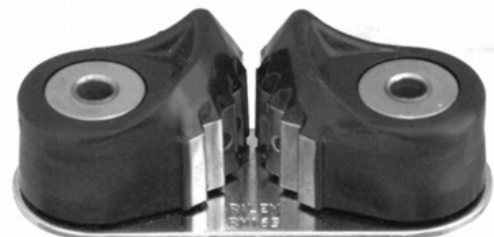
RM162G



PYF16



RM164



RM165

These small cleats uphold the RILEY tradition of using stainless steel at the points of the cam teeth where the wear is. This allows long life and continued holding power. Tests have proved them superior to similar opposition cleats.

The steel base and posts provide extra strength and reliability.

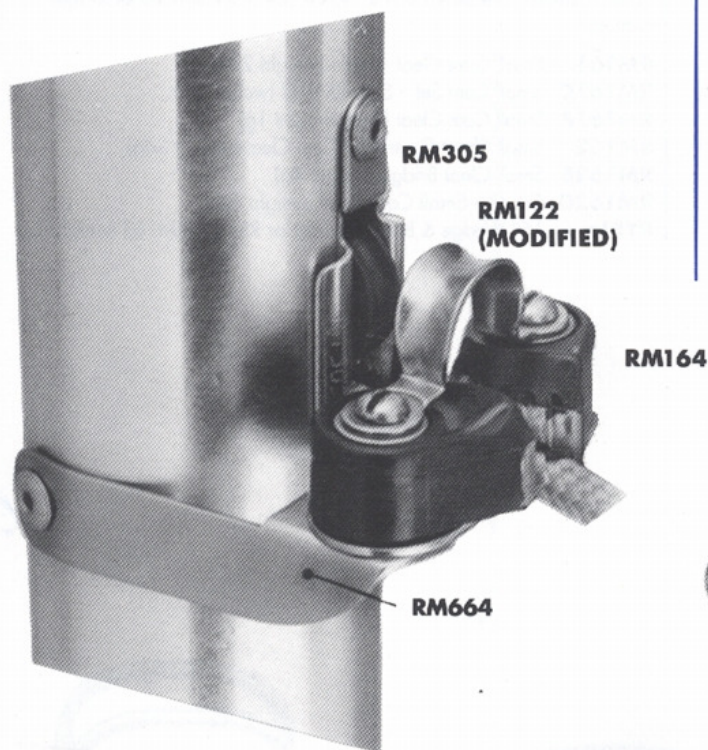
The stiff wire sheet guide on the RM162 cam controls the sheet both fore and aft eliminating cam yawing and also allows the cleat to be operated from an indirect angle.

The liberal "Vee" on top of the cam allows easy entry of sheets 3 to 7mm diameter. The 5mm 3/16" screw holes are spaced at 27mm centres.

- RM161** Small Cam Cleat - Plain (weight 21g)
- RM161C** Small Cam Set - Suits RM162 (weight 6g)
- RM161P** Small Cam Cleat Plugs (weight 1g)
- RM162** Small Sheet Controlled Cam Cleat (weight 34g)
- RM162B** Small Cleat Bridge (weight 4g)
- RM162G** Guide - Small Cam Cleat (weight 6g)
- PYF16** 15° Wedge & Backing Plate for RM161-RM162 (weight 2g)
- RM164** "Mighty Nipper" Cam Cleat with Stainless Steel faced Cams almost everlasting. Hole Centres 40mm.
- RM165** "Big Brother" Similar to RM164 Hole Centres 45mm.



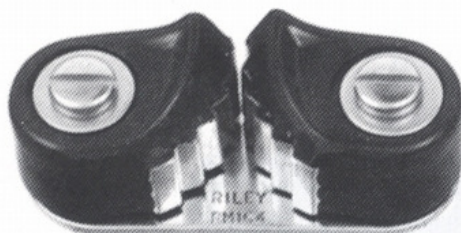
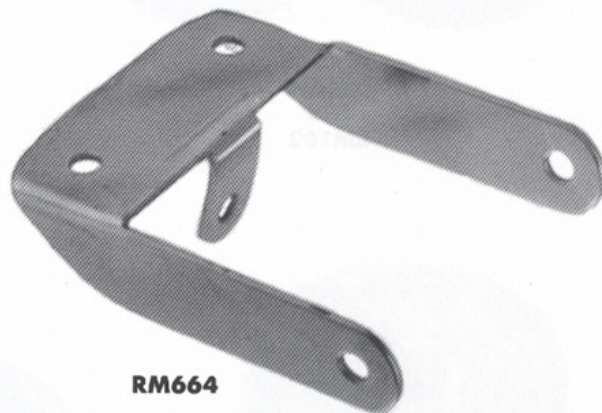
### HALYARD OUTLET ASSEMBLY



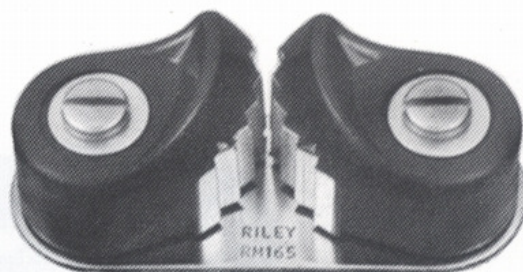
### RILEY CAM CLEATS ARE NOW IMPROVED!

The lead-in portion of the cam, just above the teeth, now has a new profile ensuring a smooth "drop-in" action. These improved cleats are clearly among the best for ease of cleating, while retaining all of the previous benefits!

- RM164** "Mighty Nipper" Cam Cleat with Stainless Steel faced cams ensuring long life to teeth edges. This construction provides the economy of moulded plastic with the long wearing of metal, combining to make the best value cam cleat available — Sheets may be continuously drawn through cams without apparent wear. Cams self retaining for easy fitting. (Weight — 42g).
- RM165** "Big Brother" Cam Cleat with Stainless Steel faced plastic cams — steel base and pivot pins, producing a strong economical and long wearing cam cleat. Cams self retaining for easy fitting. (Weight — 54g).
- RM664** Cam Mounting Bracket for attaching RM164 Cam Cleat to mast outlet pulley block RM305 or RM306. (Weight — 41g).



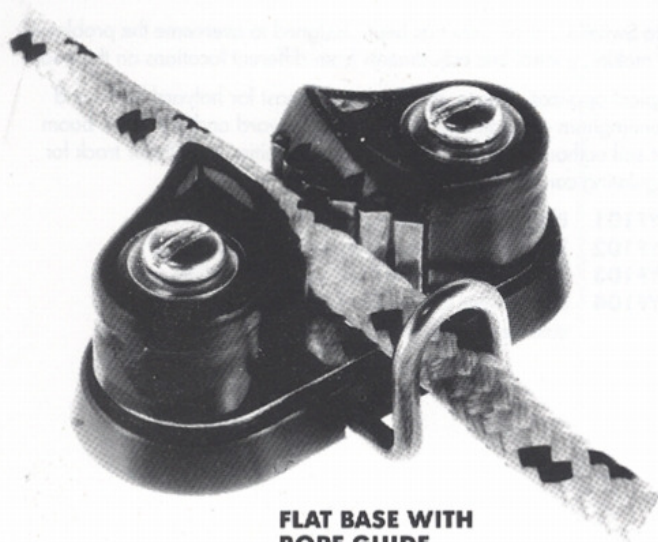
RM164



RM165



## CAM CLEAT ACCESSORIES



**FLAT BASE WITH ROPE GUIDE**

Riley cam cleats now have a range of accessories to make them even easier to use. Both the RM164 and RM165 cleats have parallel and angled bases, and a rope guide.

The rope guide, made from stainless steel, fits neatly under the parallel base, ensuring a true lead into the cleat.

The angled base is used where a mounting surface is not conveniently aligned with the rope. Proper alignment of the cleat ensures correct cleating, and minimum resistance to free rope movement during adjustment. Special moulded washers are provided to correctly clamp the underside of the cleat fixture, preventing damage to softer deck materials.

**RM1641** Parallel base to suit RM164 cam cleat. (Weight - 7.4g).

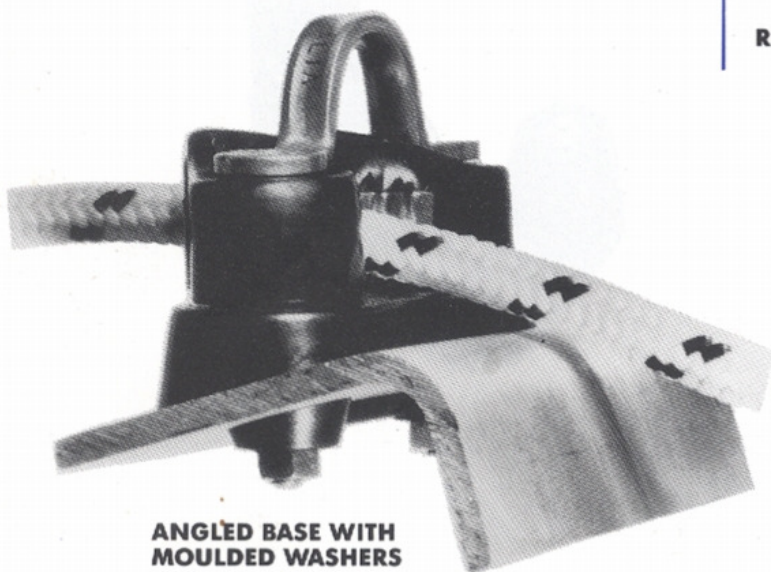
**RM1642** Rope guide to suit RM1641 parallel base. (Weight - 7.7g).

**RM1643** Angled base to suit RM164 cam cleat. (Weight - 11.4g).

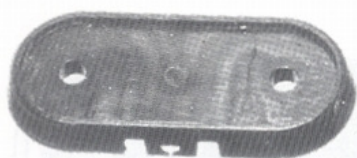
**RM1651** Parallel base to suit RM165 cam cleat. (Weight - 9.2g).

**RM1652** Rope guide to suit RM1651 parallel base. (Weight - 7.9g).

**RM1653** Angled base to suit RM165 cam cleat. (Weight - 13.4g).



**ANGLED BASE WITH MOULDED WASHERS**



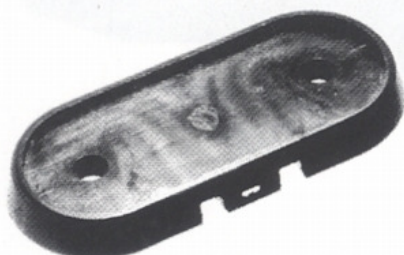
**RM1641**



**RM1642**



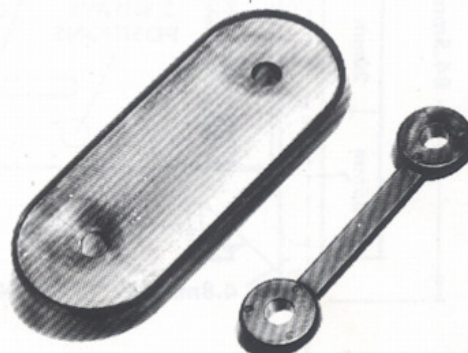
**RM1643**



**RM1651**



**RM1652**



**RM1653**



The Swivel Control Cleat has been designed to overcome the problems of making control line adjustments from different locations on the boat.

Typical applications are: attached to the mast for halyard hoists and Cunningham eye adjustments, fastened forward and below the boom for sail outhaul control, located at the extremities of traveller track for regulating car location.

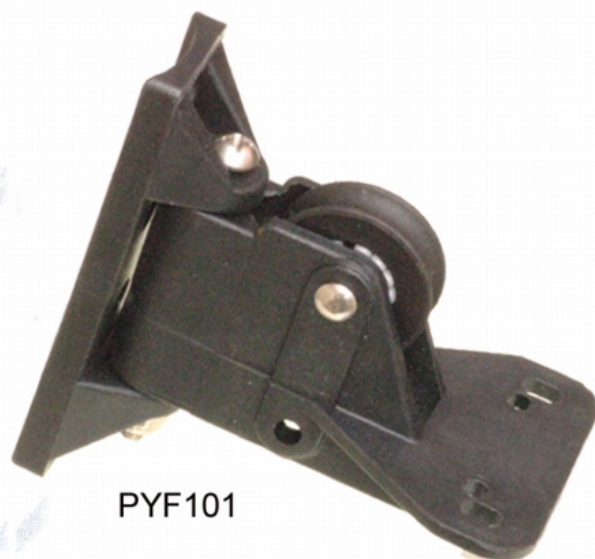
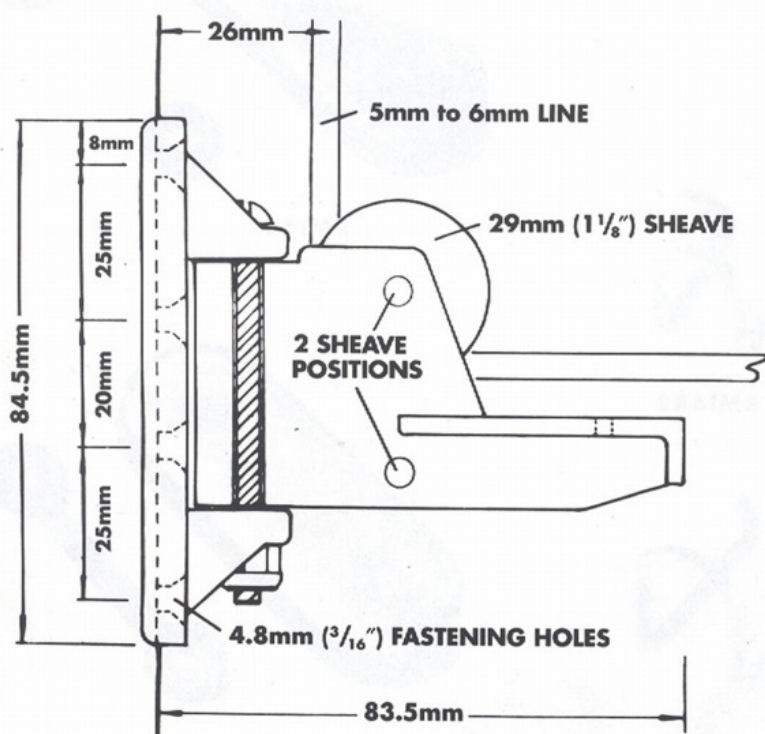
- PYF101** Black Swivel Control Cleat (weight 68g)
- PYF102** Black Swivel Control Cleat including small cam
- PYF103** Black Swivel Control Cleat including medium cam
- PYF104** Black Swivel Control Cleat PYF101 with Riley RM162 cam cleat which assists the sheet in swivelling the unit.



PYF104



PYF102  
PYF103



PYF101

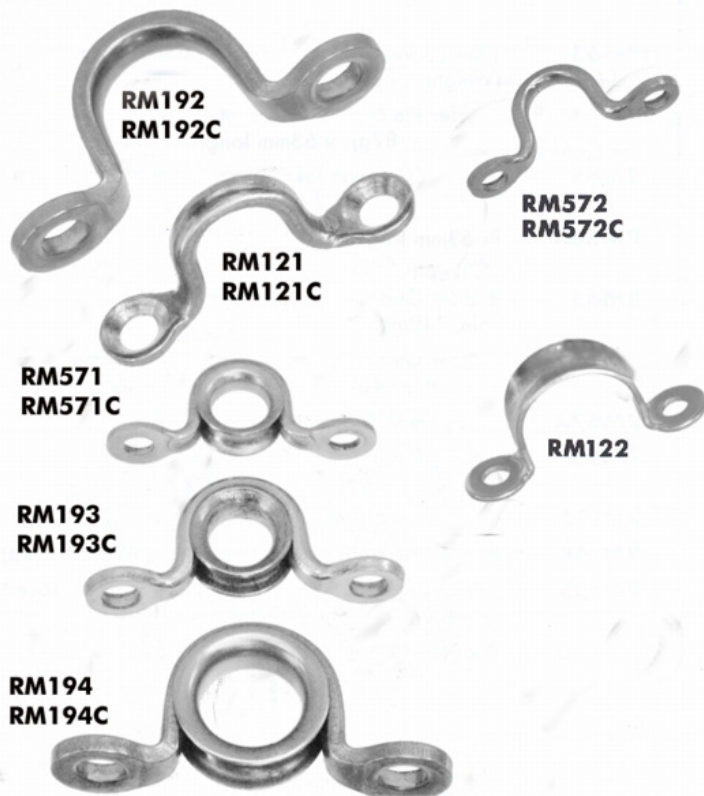


## SADDLES — PLAIN AND COUNTERSUNK HOLES

Part No.	Hole Diam.	Centres	Type of Hole	Ferrule Bore	Weight
<b>RM572</b>	4mm	27mm	PLAIN	—	3.2g
<b>RM572C</b>	4mm	27mm	C/SUNK	—	2.9g
<b>RM121</b>	5mm	33mm	PLAIN	—	6.4g
<b>RM121C</b>	5mm	33mm	C/SUNK	—	5.8g
<b>RM122</b>	5mm	35mm	PLAIN	—	8.2g
<b>RM192</b>	6.4mm	44mm	PLAIN	—	14.5g
<b>RM192C</b>	6.4mm	44mm	C/SUNK	—	13.8g

## FERRULED SADDLES — FAIRLEADS

<b>RM571</b>	4mm	27mm	PLAIN	8mm	3.6g
<b>RM571C</b>	4mm	27mm	C/SUNK	8mm	3.3g
<b>RM193</b>	5mm	33mm	PLAIN	10mm	8.2g
<b>RM193C</b>	5mm	33mm	C/SUNK	10mm	7.7g
<b>RM194</b>	6.4mm	44mm	PLAIN	10mm	18g
<b>RM194C</b>	6.4mm	44mm	C/SUNK	10mm	17g



**RM168**



**RM166**



**RM169**



**RM570**



**RM183**



**RM182**



**RM181**

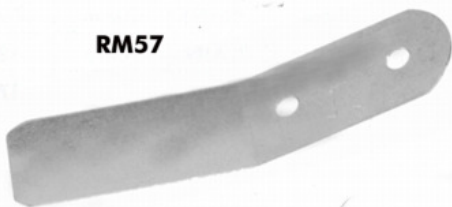
No.	Size and Description	Weight
<b>RM166</b>	Deck Bush - Stainless steel 9mm bore, large radius	4.2g
<b>RM168</b>	Small Fairlead - Nylon 7mm bore, 4.3mm holes, 20mm centres	2.3g
<b>RM169</b>	Small Fairlead - 3mm steel tube, 4mm holes, 15mm centres	3.1g
<b>RM181</b>	Large Fairlead - Steel bush 17mm bore, 5mm holes, 35mm centres	24g
<b>RM182</b>	Medium Fairlead - Steel bush 14mm bore, 5mm holes, 32mm centres	14.7g
<b>RM183</b>	Small Fairlead - Steel bush 11mm bore, 5mm holes, 30mm centres	10.0g
<b>RM570</b>	Looped Saddle 5mm mounting	3.0g



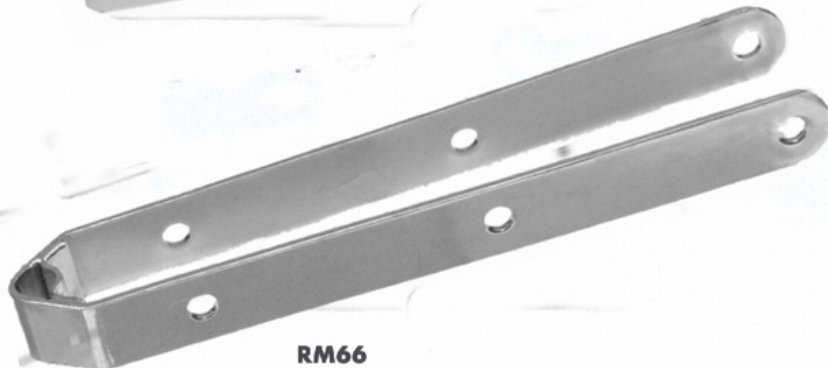
**RM65  
RM67**



**RM57**



**RM66**



**RM120**



**RM63**



**RM93**



**RM148**



Not  
actual  
size

- RM63** Tiller Locking Pin 3mm diam. x 63mm long. (Weight - 7g).
- RM64** Rudder Pin 6.3mm diam. x 305mm long. (Weight - 82g).
- RM65** Rudder Gudgeon takes 19mm wide blade 6.3mm hole, 89mm long. (Weight - 40g).
- RM65A** Rudder Gudgeon — as above — 8mm hole. (Weight - 40g).
- RM66** Rudder Gudgeon takes 19mm wide blade 6.3mm hole, 140mm long. (Weight - 66g).
- RM67** Rudder Gudgeon heavy duty RM65 114mm long. (Weight - 94g).
- RM67A** As above 9.5mm hole. (Weight - 94g).
- RM93** Rudder Pin 8mm diam. x 305mm long. (Weight - 126g).
- RM120** Rudder Pin 6.3mm x 63mm long. (Weight - 20g).
- RM148** Rudder Pin 6.3mm x 228mm long. (Weight - 62g).
- RM157** Rudder Retaining Clip. (Weight - 5.7g).





- RM62A** Transom Gudgeon — Pin holes 6.4mm diam. Lugs 19mm apart. Mounting Holes 5mm diam. countersunk and at 45mm centres. (Weight – 30g).
- RM62D** As RM62A above — 8mm (diam.) Pin Holes. (Weight – 30g).
- RM62E** Transom Gudgeon — Pin Holes 8mm diam. Lugs 22mm apart. Mounting Holes 5mm diam. countersunk and at 45mm. (Weight – 28g).
- RM62BS** Transom Pintle — Pin 6.4mm diam. 22mm long. Mounting holes 5mm diam. countersunk and at 45mm centres. (Weight – 38g).
- RM62CS** As RM62BS above — Pin 8mm. diam. (Weight – 44g).
- RM62BL** Transom Pintle — Pin 6.4mm diam. 32mm long. Mounting holes 5mm diam., countersunk and at 45mm centres. (Weight – 42g).
- RM62CL** AS RM62BL — Pin 8mm diam. (Weight – 48g).
- RM398** Transom Pintle — Pin 8mm diam. and 40mm long. Mounting holes 6.5mm diam. at 32mm and 63mm centres. Hole provided for retaining clip. Body made of 2mm thick stainless steel. (Weight – 82g).
- RM398HD** As RM398 — Material 2.5mm thick. (Weight – 104g).
- RM400** AS RM398 — Pin 9.4mm diam. (Weight – 94g).
- RM400HD** As RM400 — Material 2.5mm thick. (Weight – 114g).
- RM399** Transom Gudgeon — Pin holes 8mm diam. Lugs 26mm apart. Mounting holes 6.5mm diam. 32mm and 63mm centres. Material 2mm thick stainless steel. (Weight – 54g).
- RM399H/D** As RM399 above, material 2.5mm thick stainless steel. (Weight – 76g).
- RM401** Transom Gudgeon — As RM399 — Pin holes 9.4mm diam. — Material 2mm thick. (Weight – 56g).
- RM401H/D** As RM401 above — Material 2.5mm thick.

Part No.	Gap Width	Arm Length	Diam. Pin Hole	Weight
RM580	19mm	76mm	8mm	108g
RM581	19mm	108mm	8mm	128g
RM582	25mm	76mm	8mm	110g
RM583	25mm	108mm	8mm	128g
RM584	32mm	76mm	8mm	114g
RM585	32mm	108mm	8mm	130g
RM586	38mm	76mm	8mm	120g
RM587	38mm	108mm	8mm	132g
RM588	44mm	76mm	8mm	120g
RM589	44mm	108mm	8mm	136g
RM590	51mm	76mm	8mm	122g
RM591	51mm	108mm	8mm	140g
RM592	57mm	76mm	8mm	128g
RM593	57mm	108mm	8mm	146g



**RM190**



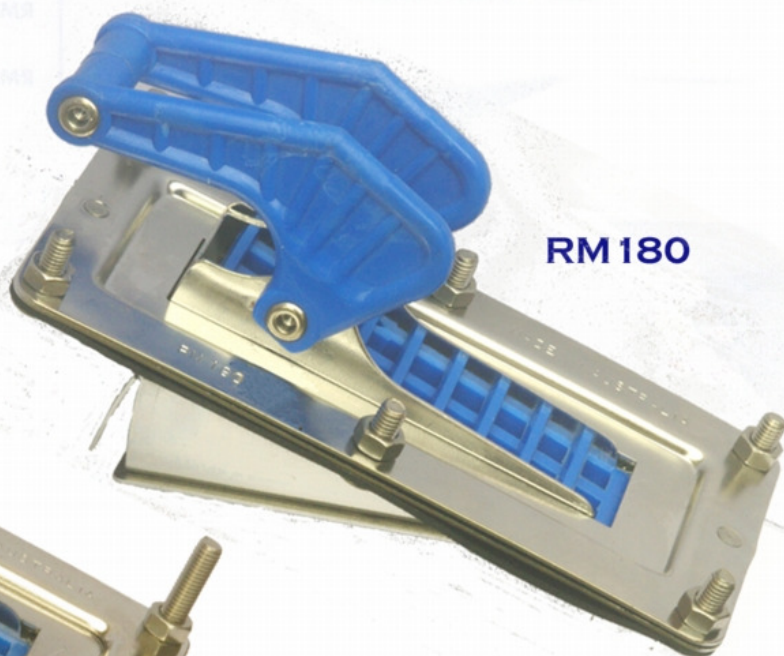
**RM177** External Fitting Retractable Stainless Steel Bailer similar size to popular RM180. Suits thick or double floored boats of fibreglass construction such as Solings. Bolts supplied. (Weight – 304g).

**RM179** Small Stainless Steel Retractable Bailer. Flange 102mm x 57mm. Bolts supplied. (Weight – 144g).

**RM180** Retractable Stainless Steel Bailer. Works efficiently at low speeds. Precision made with watertight neoprene seal. Flange 137mm x 70mm. Bolts supplied. (Weight – 268g).

**RM190** Nylon Inspection Port — 102mm diam. hole — Precision moulded with efficient sealing face ensuring a leakproof cover. Available in either black or white, clear lids also available. (Weight – 64g).

**RM180**



**RM177**



**RM179**





## WEBBING PLATES & TOE STRAPS



**RM46**



**RM46** 51mm Webbing Anchorage for Toestrap – single slot. (Weight – 32g).

**RM86** 51mm Webbing Anchorage – double slot allows adjustment. (Weight – 34g).

**RM131** 51mm Webbing Clamp Plate 2 x 5mm C/SK holes – 30mm centres. (Weight – 8g).

**RM132** Webbing Clamp Plate – for 51mm webbing – 3 holes for 10g (5mm) C/SK screws. (Weight – 10g).

**RM135** 32mm Webbing Clamp Plate – 16g material – 2 x 5mm holes at 18mm centres. (Weight – 4g).

**RM136** 45mm Webbing Clamp Plate 2 x 5mm holes at 28mm centres. (Weight – 6g).

**RM139** 40mm Anchorage Plate 2 x 6.5mm holes at 60mm centres. 2.5mm thick material. (Weight – 14g).

**RM86**



**RM135**



**RM136**



**RM131**



**RM139**



**RM132**

