

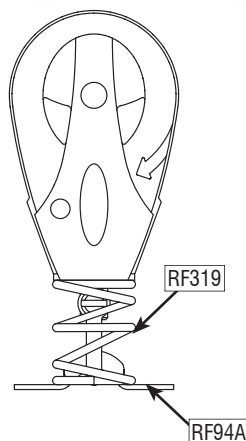
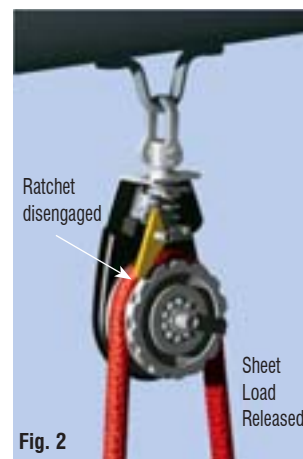

RATCHET 'ENGAGEMENT LOAD' ADJUSTMENT

Fig. 1

RF319

RF94A

5mm (3/16")


RF319
RF94A

Fig. 2
FEATURES

- ▶ Low friction, 2-stage ball bearing system provides consistent performance over the full load range.
- ▶ High static and dynamic load capacity.
- ▶ Cheek cut-outs for easy bearing maintenance.
- ▶ Load-sensitive ratchet engages automatically when the sheet is loaded (Fig. 1) and disengages when the load is released for smooth, free running in tacks and gybes (Fig. 2).
- ▶ Saddle RF94A and spring RF319 available for stand-up block configuration.

- ▶ Unique adjustment mechanism allows the engagement load to be set precisely as required. Higher setting keeps the ratchet off for light air sailing or until the sheet load increases. Lower setting will trigger the ratchet at a lower sheet load. Ratchet engagement setting can also be varied to suit the load felt in your hand, so that younger sailors can set the engagement at a lower load to match their strength.
- ▶ Precision CNC machined alloy sheave provides up to 14:1 holding power, yet minimises rope wear for extended sheet life.

APPLICATIONS

- ▶ Mainsheets on small off-the beach dinghies (Optimist, Sabot, Mirror, etc.)
- ▶ Spinnaker sheets for Olympic class dinghies and modern asymmetric classes (470, 29er, B14, etc.)
- ▶ 2:1 jib sheet systems on larger off-the-beach catamarans.

MATERIALS

- ▶ Acetal ball bearings.
- ▶ Precision machined and anodised grade 6061-T6 alloy sheave.
- ▶ Impact modified, fibre reinforced and U.V. stabilised Zytel® cheeks.
- ▶ Grade 316 stainless steel load straps and head fittings.
- ▶ Aluminium bronze pawl with Nickel-Teflon® coating.


 ▶ **RF615A** – 4mm (5/32") pin

PRODUCT No.	DESCRIPTION	SHEAVE DIAM.		MAX. ROPE		PIN DIAM.		M.W.L.		B.L.		WEIGHT	
		mm	(in.)	mm	(in.)	mm	(in.)	kg	(lb)	kg	(lb)	g	(oz)
RT Smart Ratchet™													
RF42100	Single block, swivel shackle head	40	(1 9/16)	8	(5/16)	4	(5/32)	250	(550)	500	(1100)	85	(3.0)
RF42110	Single block, becket, swivel shackle head	40	(1 9/16)	8	(5/16)	4	(5/32)	250	(550)	500	(1100)	92	(3.2)
RT Accessories													
RF94A	Saddle, low profile	-	-	-	-	-	-	-	-	-	-	2.5	(0.1)
RF319	Stand-up spring	-	-	-	-	-	-	-	-	-	-	3.0	(0.1)