



FEATURES

- ▶ Exceptionally high strength-to-weight ratio.
- ▶ Captive ball bearings for side thrust loads require no side retainer plates, reducing weight and providing a wider bearing surface for the Torlon® needle rollers.
- ▶ Side cheeks incorporating head structure and hub are precision machined as a single part from solid alloy, leaving material only where it contributes to the load carrying capacity of the block and eliminating the need for additional fasteners.
- ▶ Head posts of swivel blocks can be locked at 0 or 90 degrees.
- ▶ Removable becket pin allows lines to be spliced prior to fitting.
- ▶ Webbing blocks can be used in applications where swivel head and shackle attachment is not required, to achieve further weight savings.
- ▶ Stand-up blocks have rubber support bases that relax to 90 degrees (typically for foreguy/afterguy) or 60 degrees (for halyard and other lead block applications).
- ▶ Halyard blocks have a removable pin for attachment to deck padeyes or the mast collar, providing a low lead aft to organisers or winches.
- ▶ Foot block base plate and hub section is machined in one piece from a single block of alloy, for maximum integrity, with mounting bolts seated within the base plate and hub to minimise bending loads and prevent “racking over” of the block.

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)
OR Orbit													
RF109100	Single block	100	(4)	14	(9/16)	8	(5/16)	3500	(7720)	7100	(15650)	492	(17.4)
RF109107	Webbing block	100	(4)	14	(9/16)	-	-	3500	(7720)	7100	(15650)	361	(12.7)
RF109108	Halyard block	100	(4)	14	(9/16)	16	(5/8)	3500	(7720)	7100	(15650)	391	(13.8)
RF109110	Single block becket	100	(4)	14	(9/16)	8	(5/16)	3500	(7720)	7100	(15650)	530	(18.7)
RF109200	Double block	100	(4)	14	(9/16)	10	(13/32)	4700	(10360)	9400	(20720)	1030	(36.3)



FEATURES

- ▶ Foot block cover plate can be removed for service access without removing the bolts that secure the block to the deck.
- ▶ Spreacher blocks can accommodate a second spinnaker sheet for sail changes or an outboard genoa sheet for reaching.

APPLICATIONS

- ▶ Primary mainsheet, halyard and spinnaker systems on boats to 15m (50').
- ▶ Secondary mainsheet, vang blocks on boats to 18m (60').
- ▶ Permanent backstay systems on boats to 14m (46').
- ▶ General control line and lead block applications on larger yachts.

MATERIALS

- ▶ Fully machined Alloy cheek plates.
- ▶ Alloy sheaves with captive ball races.
- ▶ Torton® needle rollers.
- ▶ Carbon black Acetal ball bearings.
- ▶ Grade 17-4PH stainless steel head post and forged shackle.

PRODUCT No.	DESCRIPTION	SHEAVE DIAM. mm (in.)	MAX. ROPE mm (in.)	PIN DIAM. mm (in.)	M.W.L. kg (lb)	B.L. kg (lb)	WEIGHT g (oz)
RF109140	Stand-up block, 90 degree	100 (4)	14 (9/16)	- -	2000 (4410)	4000 (8820)	600 (21.2)
RF109140-60	Stand-up block, 60 degree	100 (4)	14 (9/16)	- -	2000 (4410)	4000 (8820)	600 (21.2)
RF109151	Foot block, single	100 (4)	14 (9/16)	- -	3500 (7720)	7100 (15650)	447 (15.8)
RF109251	Foot block, double	100 (4)	14 (9/16)	- -	3500* (7720)*	7100* (15650)*	821 (29.0)
RF109500	Spreacher block	100 + 75 (4 + 3)	14 (9/16)	8 (5/16)	3500 (7720)	7100 (15650)	702 (24.8)

* Total block load. Maximum load on top sheave not to exceed 50% of total block load.



RF109100R



RF109108R



RF109118R



RF109000

FEATURES

- ▶ Runner blocks, available in fixed head and swivel versions, have a unique cheek shape and guide rollers to help keep the line engaged with the sheave.
- ▶ Shape and edge radii of central hole in hub are compatible with webbing fail-safe stops.
- ▶ Exceptionally high strength-to-weight ratio.

- ▶ Captive ball bearings for side thrust loads require no side retainer plates, reducing weight and providing a wider bearing surface for the Torlon® needle rollers.
- ▶ Side cheeks incorporating head structure and hub are precision machined as a single part from solid alloy, leaving material only where it contributes to the load carrying capacity of the block and eliminating the need for additional fasteners.

APPLICATIONS

- ▶ Running backstays on boats to 14m (46').

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)
Orbit													
RF109000	Sheave with balls & rollers	100	(4)	14	(9/16)	-	-	-	-	-	-	180	(6.3)
RF109100R	Lower runner block	100	(4)	14	(9/16)	8	(5/16)	3500	(7720)	7100	(15650)	515	(18.2)
RF109108R	Runner block	100	(4)	14	(9/16)	16	(5/8)	3500	(7720)	7200	(15870)	425	(15.0)
RF109118R	Runner block, becket	100	(4)	14	(9/16)	16	(5/8)	3500	(7720)	7200	(15870)	470	(16.6)