

Ratchet Blocks

Carbo ratchet blocks allow sailors to hand-hold loaded lines and offer balance between holding power and controlled easing.

Nylon-resin sideplates are densely packed with long-glass fibers for a compact block with a high strength-to-weight ratio. Machined aluminum sheaves are Hard Lube-anodized for strength and corrosion resistance. Eight facets hold line securely. Ball bearings, sheave, and sideplates are UV-stabilized with carbon black for maximum protection.

40 mm

The 40 mm ratchets are ideal for jib sheets and spinnakers where size and weight are critical. The 2608, 2609, and 2614 have on/off switches; other 40 mm ratchets are always in ratchet mode.

57 mm and 75 mm

The 57 mm and 75 mm switchable ratchets provide precise on/off control with accessible, easy-to-operate on/off switches on both sides of the block.

For the ultimate system, mount a switchable ratchet in the cockpit and a boom-mounted Ratchamatic block directly above for double holding power in heavy air and a free-running mainsheet when it's light. The 75 mm provides up to 15:1 holding power; the 57 mm 10:1.

About Carbo Air blocks: see feature page at beginning of this section.



2608
2135
2670

2609
2136
2671



2614
2137
2672



2138

2139



2610

2611



On/off switch operates from both sides.



Cam assembly adjusts and locks in a range of positions for crew accessibility.



Switch locks shackle in front or side positions, or lets block swivel to keep line from twisting.

Part No.	Description	Sheave Ø		Length		Weight w/shackle		Shackle pin Ø		Max line Ø		Maximum working load		Breaking load	
		in	mm	in	mm	oz	g	in	mm	in	mm	lb	kg	lb	kg
40 mm															
2608	Single/swivel	1 ⁹ / ₁₆	40	3 ³ / ₈	86	1.7	49	5 ¹ / ₃₂	4	3 ¹ / ₈	10	300	136	1000	454
2609	Single/swivel/becket	1 ⁹ / ₁₆	40	4	102	1.8	52	5 ¹ / ₃₂	4	3 ¹ / ₈	10	300	136	1000	454
2610	Single/swivel/471 Carbo-Cam**	1 ⁹ / ₁₆	40	3 ³ / ₈	86	4.6	129	5 ¹ / ₃₂	4	1 ¹ / ₄	6	150	68	300	136
2611	Single/swivel/471 Carbo-Cam/becket**	1 ⁹ / ₁₆	40	4	102	4.7	132	5 ¹ / ₃₂	4	1 ¹ / ₄	6	300	136	600	272
2614	Cheek*	1 ⁹ / ₁₆	40	2 ³ / ₄	70	1.6	44	—	—	3 ¹ / ₈	10	300	136	1000	454
57 mm															
2135	Single/swivel	2 ¹ / ₄	57	4 ¹ / ₁₆	103	3.0	85	3 ¹ / ₁₆	5	3 ¹ / ₈	10	500	227	2000	907
2136	Single/swivel/becket	2 ¹ / ₄	57	4 ¹⁵ / ₁₆	125	3.3	94	3 ¹ / ₁₆	5	3 ¹ / ₈	10	500	227	2000	907
2137	Cheek*	2 ¹ / ₄	57	3 ³ / ₄	83	2.5	71	—	—	3 ¹ / ₈	10	500	227	2000	907
2138	Single/swivel/150 Cam-Matic**	2 ¹ / ₄	57	4 ¹ / ₁₆	103	8.7	247	3 ¹ / ₁₆	5	3 ¹ / ₈	10	300	136	750	340
2139	Single/swivel/150 Cam-Matic/becket**	2 ¹ / ₄	57	4 ¹⁵ / ₁₆	125	9.0	255	3 ¹ / ₁₆	5	3 ¹ / ₈	10	600	272	1500	680
75 mm															
2670	Single/swivel	2 ¹⁵ / ₁₆	75	5 ³ / ₈	137	8.0	227	1 ¹ / ₄	6	7 ¹ / ₁₆	12	750	341	3000	1361
2671	Single/swivel/becket	2 ¹⁵ / ₁₆	75	6 ¹ / ₂	165	8.75	248	1 ¹ / ₄	6	7 ¹ / ₁₆	12	750	341	3000	1361
2672	Cheek*	2 ¹⁵ / ₁₆	75	4 ¹ / ₁₆	103	6.3	179	—	—	7 ¹ / ₁₆	12	750	341	3000	1361

*Includes RH fasteners and mounting pad. **Maximum working loads and breaking loads for blocks based on cam strengths.

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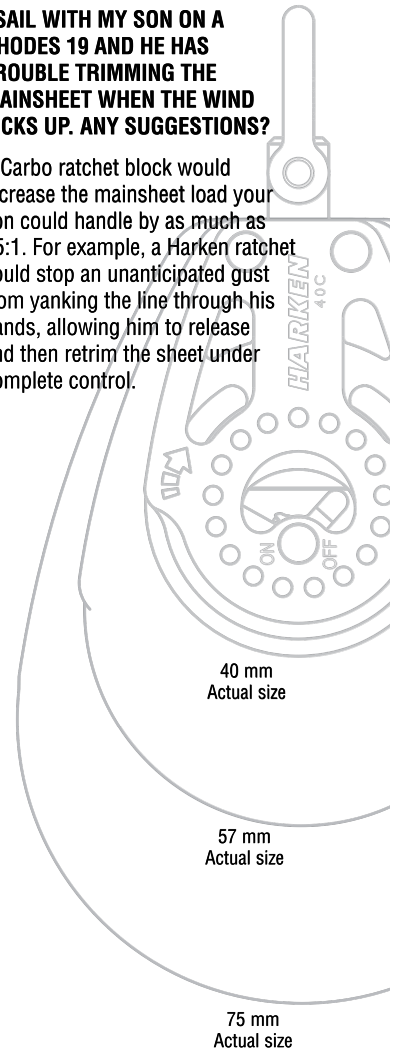


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CARBO RATCHET BLOCKS Q&A

I SAIL WITH MY SON ON A RHODES 19 AND HE HAS TROUBLE TRIMMING THE MAINSHEET WHEN THE WIND PICKS UP. ANY SUGGESTIONS?

A Carbo ratchet block would increase the mainsheet load your son could handle by as much as 15:1. For example, a Harken ratchet could stop an unanticipated gust from yanking the line through his hands, allowing him to release and then retrim the sheet under complete control.



Part No.	Description	Sheave Ø		Length		Weight w/shackle		Shackle pin Ø		Max line Ø		Maximum working load		Breaking load	
		in	mm	in	mm	oz	g	in	mm	in	mm	lb	kg	lb	kg
40 mm															
2612	Triple/swivel/471 Carbo-Cam*	1 ⁹ / ₁₆	40	3 ¹¹ / ₁₆	94	8.5	242	1/4	6	3/16	5	750	340	1500	680
2613	Triple/swivel/471 Carbo-Cam/becket*	1 ⁹ / ₁₆	40	4 ⁵ / ₁₆	110	8.6	245	1/4	6	3/16	5	900	408	1800	816
2619	Triple/471 Carbo-Cam/29 mm block/becket*	1 ⁹ / ₁₆	40	4 ³ / ₄	121	9.5	269	1/4	6	3/16	5	900	408	1800	816
57 mm															
2140	Triple/swivel/150 Cam-Matic*	2 ¹ / ₄	57	4 ¹ / ₁₆	103	15.4	435	1/4	6	3/8	10	1500	680	3750	1700
2141	Triple/swivel/150 Cam-Matic/becket*	2 ¹ / ₄	57	4 ¹⁵ / ₁₆	125	15.7	445	1/4	6	3/8	10	1800	816	4500	2041

*Maximum working loads and breaking loads for blocks based on cam strengths.