

Ratchamatic Blocks

The Carbo Ratchamatic is a load-sensing ratchet block that rolls freely in both directions under low loads and automatically engages the ratchet as loads increase. Shifting between ratchet and light-air modes is seamless. Unloaded main and jib sheets run out freely during mark roundings and asymmetrical spinnakers free instantly during jibes.

Ratchet engagement may be adjusted to a higher or lower load according to strength and sailing style. The Ratchamatic cheek block mounts on either port or starboard. The holding power of the 57 mm is as high as 10:1. The 75 mm is up to 15:1.

For the ultimate system, mount a Ratchamatic block on the boom above a cockpit-mounted switchable ratchet to allow the mainsheet to run freely in light air and to double holding power in heavy air.

Use the 2634 with a 402 or 403 swivel arm for a versatile two-speed mainsheet system.

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



2625
2680



2628
2684



2626
2681



2627
2683



2633
2682



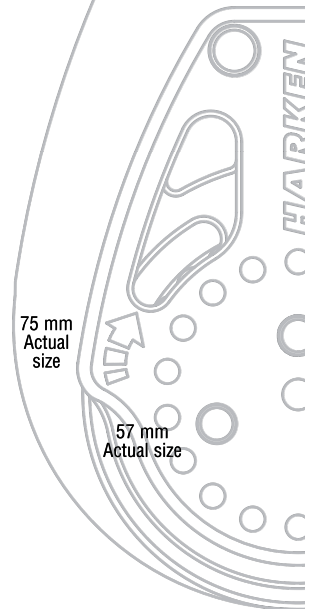
Adjustable ratchet engagement adapts block to a variety of applications.



Eight-faceted, Hard Lube-anodized aluminum sheave holds line securely.



Flying Scot, 5.79 m (19'), Flying Scot, Inc., naval architect: Gordon K. "Sandy" Douglass © Flying Scot, Inc. / Danielle Panasiuk



Part No.	Description	Sheave Ø		Length		Weight		Shackle pin Ø		Max line Ø		Maximum working load		Breaking load		Holding power w/180° wrap 50 lb (23 kg)
		in	mm	in	mm	oz	g	in	mm	in	mm	lb	kg	lb	kg	
57 mm																
2625	Single	2 ¹ / ₄	57	4 ¹ / ₁₆	103	3.7	104	3 ³ / ₁₆	5	3 ³ / ₈	10	500	227	2000	907	10:1
2626	Single/becket	2 ¹ / ₄	57	4 ¹⁵ / ₁₆	125	4.0	113	3 ³ / ₁₆	5	3 ³ / ₈	10	500	227	2000	907	10:1
2627	Single/150 Cam-Matic**	2 ¹ / ₄	57	4 ¹ / ₁₆	103	9.4	266	3 ³ / ₁₆	5	3 ³ / ₈	10	300	136	750	340	10:1
2628	Single/150 Cam-Matic/becket**	2 ¹ / ₄	57	4 ¹⁵ / ₁₆	125	9.7	275	3 ³ / ₁₆	5	3 ³ / ₈	10	600	272	1500	680	10:1
2633	Cheek*	2 ¹ / ₄	57	3 ¹ / ₄	83	3.1	89	—	—	3 ³ / ₈	10	500	227	2000	907	10:1
75 mm																
2680	Single	2 ¹⁵ / ₁₆	75	5 ³ / ₈	137	8.4	238	1 ¹ / ₄	6	7 ¹ / ₁₆	12	750	341	3000	1361	15:1
2681	Single/becket	2 ¹⁵ / ₁₆	75	6 ¹ / ₂	165	9.0	255	1 ¹ / ₄	6	7 ¹ / ₁₆	12	750	341	3000	1361	15:1
2682	Cheek*	2 ¹⁵ / ₁₆	75	4 ¹ / ₁₆	103	6.5	184	—	—	7 ¹ / ₁₆	12	750	341	3000	1361	15:1
2683	Single/150 Cam-Matic**	2 ¹⁵ / ₁₆	75	5 ⁷ / ₁₆	138	15.5	440	1 ¹ / ₄	6	7 ¹ / ₁₆	12	300	136	750	340	15:1
2684	Single/150 Cam-Matic/becket**	2 ¹⁵ / ₁₆	75	6 ¹ / ₂	165	15.5	440	1 ¹ / ₄	6	7 ¹ / ₁₆	12	600	272	1500	680	15:1

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

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Flying Phantom, 5.52 m (18.11'), Composite Marine International, naval architect: Martin Fischer © Pierrick Contin



Use with 2631/2677 for a powerful 8:1 purchase.



Part No.	Description	Sheave Ø		Length		Weight		Shackle pin Ø		Max line Ø		Maximum working load		Breaking load		Holding power w/180° wrap 50 lb (23 kg)
		in	mm	in	mm	oz	g	in	mm	in	mm	lb	kg	lb	kg	
57 mm																
2629	Triple/150 Cam-Matic*	2 1/4	57	4 1/16	103	14.9	421	1/4	6	3/8	10	1500	680	3750	1700	10:1
2630	Triple/150 Cam-Matic/becket*	2 1/4	57	4 15/16	125	15.2	431	1/4	6	3/8	10	1800	816	4500	2041	10:1
2632	Triple/150 Cam-Matic/40 mm block/becket*	2 1/4	57	6 1/8	156	18.3	520	1/4	6	3/8	10	1800	816	4500	2041	10:1
2634	Double	2 1/4	57	4 9/16	116	7.2	204	1/4	6	3/8	10	750	340	1875	851	10:1
75 mm																
2685	Triple/150 Cam-Matic*	2 15/16	75	6 3/16	137	31.0	879	5/16	8	7/16	12	1500	680	3750	1700	15:1
2686	Triple/150 Cam-Matic/becket*	2 15/16	75	6 1/2	165	31.6	896	5/16	8	7/16	12	1800	816	4500	2041	15:1
2687	Triple/150 Cam-Matic/57 mm block/becket*	2 15/16	75	6 1/2	165	34.7	984	5/16	8	7/16	12	1800	816	4500	2041	15:1

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