

Carbo Ratchamatic®

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® 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.

Use for:

- Main/Jib Sheets
- Asymmetric spinnakers



Ratchet engages automatically

Adjustable ratchet engagement adapts block to a variety of applications

Eight-faceted, Hardkote-anodized aluminum sheave holds line securely

Durable stainless steel pawl for high-load conditions



2625
2680

75 mm
Actual Size

57 mm
Actual Size



2628
2684



2633
2682



2626
2681



2627
2683



Laser® — Chris Haliburton photo

Part No.	Description	Sheave Ø		Length		Weight		Max line Ø		Shackle pin 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	3/8	10	3/16	5	500	227	2000	907	10:1
2626	Single/becket	2 1/4	57	4 15/16	125	4.0	113	3/8	10	3/16	5	500	227	2000	907	10:1
2627	Single/150 Cam-Matic® ‡	2 1/4	57	4 1/16	103	9.4	266	3/8	10	3/16	5	300	136	750	340	10:1
2628	Single/150 Cam-Matic®/becket ‡	2 1/4	57	4 15/16	125	9.7	275	3/8	10	3/16	5	600	272	1500	680	10:1
2633	Cheek**	2 1/4	57	3 1/4	83	3.1	89	3/8	10	—	—	500	227	2000	907	10:1
75 mm																
2680	Single	2 15/16	75	5 3/8	137	8.4	238	7/16	12	1/4	6	750	341	3000	1361	15:1
2681	Single/becket	2 15/16	75	6 1/2	165	9.0	255	7/16	12	1/4	6	750	341	3000	1361	15:1
2682	Cheek**	2 15/16	75	4 1/16	103	6.5	184	7/16	12	—	—	750	341	3000	1361	15:1
2683	Single/150 Cam-Matic® ‡	2 15/16	75	5 7/16	138	15.5	440	7/16	12	1/4	6	300	136	750	340	15:1
2684	Single/150 Cam-Matic®/becket ‡	2 15/16	75	6 1/2	165	15.5	440	7/16	12	1/4	6	600	272	1500	680	15:1

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