

# Carbo Ratchmatic®

The Carbo Ratchmatic® 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 Ratchmatic® cheek block mounts on either port or starboard. Holding power of 57 mm is as high as 10:1. The 75 mm up to 15:1.

For the ultimate system, mount a Ratchmatic® on the boom above a cockpit-mounted switchable ratchet to allow the mainsheet to run freely in light air, and ensure 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



US Laser Youth Championships — Tim Wilkes Photo

Part No.	Description	Sheave Ø		Length		Weight		Max line Ø		Shackle pin Ø		Safe working load		Breaking strength		Holding power w/180° wrap 50 lb (23 kg)
		in	mm	in	mm	oz	g	in	mm	in	mm	lb	kg	lb	kg	
<b>57 mm</b>																
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 3/4	83	3.1	89	3/8	10	—	—	500	227	2000	907	10:1
<b>75 mm</b>																
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. ‡Safe working loads and breaking strengths for blocks based on cam strengths