

# Genoa Blocks

## Twin Sheet Lead Blocks

Schaefer's Twin Sheet Lead Blocks allow for twin sheets through it's wide flared sheave permitting easy sail changes. The Cage and Slide body are computer machined resulting in incredible strength and precision. Each Block provides a low profile articulating sheave for a proper lead from the sail through the block and into your cockpit. Sheaves are hardcoat anodized aluminum running on our low friction Nomex™/Teflon™ Bearing.

Our 32-81 features a canted design centering the load on the machined aluminum slide. In addition, the aluminum sheave runs on our Nomex™/Teflon™ Bearing as well as Delrin™ Ball Bearings for a very strong and smooth lead. Finally, the addition of two S.S. springs keeps the block upright when not in use.



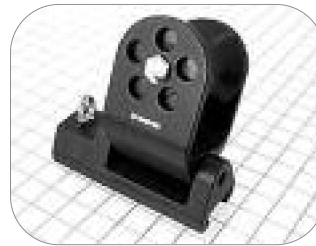
32-81



32-77



32-88

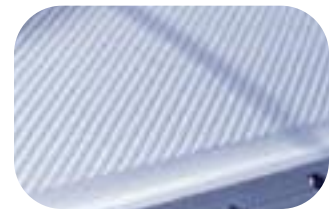


32-97

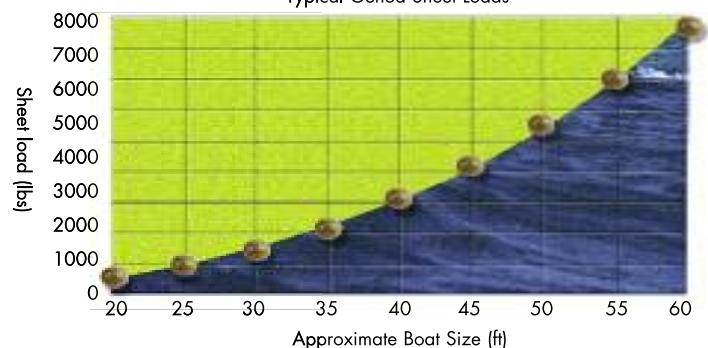


32-98

Item	Descrip. Side/Pin	Track Size	Boat Size Up To* LOA, Displ., Sail Area	Sheave Dia.	Max Line	L	W	H	Bearing Height	SWL	Weight
32-88	Twin Sheet Silver	1" x 1/8" (25mmx3mm)	27', 5000 lbs., 315 sq. ft. (8m, 2270kg, 29m2)	1-1/2" (38mm)	(2) 1/2" (13mm)	3-1/2" (89mm)	1-11/32" (34mm)	3-9/32" (83mm)	1-29/32" (49mm)	2500 lbs. (1135kg)	10 oz. (284g)
32-77	Twin Sheet Black	1" x 1/8" (25mmx3mm)	27', 5000 lbs., 315 sq. ft. (8m, 2270kg, 29m2)	1-1/2" (38mm)	(2) 1/2" (13mm)	3-1/2" (89mm)	1-11/32" (34mm)	3-9/32" (83mm)	1-29/32" (49mm)	2500 lbs. (1135kg)	10 oz. (284g)
32-98	Twin Sheet Silver	1-1/4" x 3/16" (32mmx5mm)	38', 18000 lbs., 715 sq. ft. (11.5m, 8182kg, 66m2)	2" (51mm)	(2) 5/8" (16mm)	4-1/2" (114mm)	1-3/4" (44mm)	4-1/2" (114mm)	2-3/4" (70mm)	3500 lbs. (1590kg)	1 lb. 7 oz. (652g)
32-97	Twin Sheet Black	1-1/4" x 3/16" (32mmx5mm)	38', 18000 lbs., 715 sq. ft. (11.5m, 8182kg, 66m2)	2" (51mm)	(2) 5/8" (16mm)	4-1/2" (114mm)	1-3/4" (44mm)	4-1/2" (114mm)	2-3/4" (70mm)	3500 lbs. (1590kg)	1 lb. 7 oz. (652g)
32-81	Twin Sheet Block	1-1/4" x 3/16" (32mm x 5mm)	38', 18000 lbs., 715 sq. ft. (11.5m, 8182kg, 66m2)	2" (51mm)	(2) 5/8" (16mm)	4-1/2" (114mm)	1-3/4" (44mm)	4-1/2" (114mm)	2-3/4" (70mm)	3500 lbs. (1590kg)	1 lb. 7 oz. (652g)



Typical Genoa Sheet Loads



The Nomex™/Teflon™ bearing used in each block is braided and saturated with epoxy resins providing a low-friction surface between the bearing and the stainless steel high load axle. In use, Teflon™ migrates from the bearing providing friction reduction with each rotation.

# Genoa Blocks

## Twin Sheet Lead Blocks

Twin Sheet Lead Blocks feature an extra wide sheave that allows two sheets to be run through the cage at the same time. This is an important feature when you need to change sails, allowing you to avoid sailing without a jib. The new sail can be rigged and hoisted prior to lowering the original jib.

In addition to rigging flexibility, and faster sail changing, another major advantage is the low profile, wide lead angle provided to the winch. Extra wide sheaves plus a 45° tilt in either direction gives greater leeway in sheeting angles allowing winches to be mounted up to 15° to either side of the track. The 32-58 features our low friction Nomex™/Teflon™ Bearing to handle friction with ease.

Our 32-82 featuring an aluminum sheave runs on our Nomex™/Teflon™ Bearing as well as Delrin™ Ball Bearings for a very strong and smooth lead. In addition, we have added two S.S. springs keeps the block upright when not in use. Maintenance is easy with the removable sheave and machined flushing holes. Double your sheeting flexibility with Schaefer.



32-82

Item	Descrip. Side/Pin	Track Size	Boat Size Up To* LOA, Displ., Sail Area	Sheave Dia.	Max Line	L	W	H	Bearing Height	SWL	Weight
32-58	Twin Sheet Silver/Genoa Lead	1-1/4" x 3/16" (31mm x 4.6mm)	44', 28000lbs., 875 sq. ft. (13.4m, 12701kg, 81.3m2)	2-11/16" (68mm)	3/4" (19mm)	5-7/8" (149mm)	1-3/4" (44mm)	5-1/8" (130mm)	3" (76mm)	4400 lbs. (2000kg)	2 lbs. 2 oz. (1.0kg)
32-82	Twin Sheet Block	1-1/4" x 3/16" (32mm x 5mm)	44', 28000 lbs., 875 sq. ft. (13.4m, 12701kg, 81.3m2)	2-11/16" (68mm)	3/4" (19mm)	5-7/8" (149mm)	1-3/4" (44mm)	5-1/8" (130mm)	3" (76mm)	4400 lbs. (2000kg)	2 lbs. 1 oz.
32-89	Twin Sheet Strain./Screw	1-1/2" x 1/4" (38mm x 6mm)	60', 45000lbs., 900 sq. ft. (18.3m, 20411kg, 83.6m2)	3-1/2" (89mm)	(2)7/8" (22mm)	6-3/4" (171mm)	1-15/16" (49mm)	6-7/32" (166mm)	3-13/32" (87mm)	10000 lbs. (4545kg)	5 lbs. 4 oz. (2.83kg)



Our 1-1/2" Twin Sheet Lead Block features a Stainless Steel body and slider for incredible strength and great looks. The 3-1/2" Aluminum sheave runs on our Nomex™/Teflon™ bearing for strength and low friction. The Stainless Steel Screw pin securely locks in the car.

**If you are in doubt as to the suitability of your selection please contact Schaefer for assistance.**

# Genoa Blocks

## Adjustable Twin Sheet Lead Control System for 1" T-Track

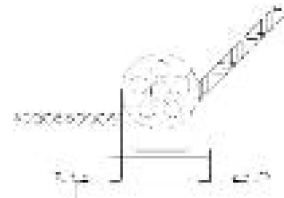
Schaefer's unique design offers a simple alternative by utilizing your existing genoa track. Polyethylene liners reduce friction and permit adjustment of your genoa car under load from the safety of your cockpit. Installation involves a minimal amount of hardware mounting on your deck, instead, sliding directly onto your track. Yet another Schaefer innovation you've come to expect.



Our new Polyethylene slide liners are held "captive" within the stainless slide to help reduce breakage.

### All-Inclusive System Includes:

- 17-28 Lead Cars (2)
- 200-13 Fiddle Block (2)
- 74-41 Adjustable Fiddles on Slide (2)
- 70-17 Cam Cleats (2)
- 78-93 Dead End Bails (2)
- 40' 1/4" Line (2)
- 10' 1/4" Shock Cord (2)
- 78-51 (2)



Lead car tow loads are dependent on sheet deflection angles. 45° is the most common deflection for #1 genoas making the tow load 30% of the car load. #3 heavy-air sails can deflect up to 70° for a tow load equal to 65% of the lead car load.

Vertical Sheet Angle	Tow Load % x Sheet load
30°	15%
40°	25%
50°	35%
60°	50%
70°	65%

Forward bail accepts a simple 3:1 purchase system for forward movement, while aft sheet pressure holds the block in place. Aft bail is provided for shock cord attachment. Run to a padeye or double up to a cheek block to keep the system in tension when not in use.

Part#	Description	Track Size	Boat Size	Sheave Dia.	Max. Line	L	W	H	Bearing Height	SWL	Weight
17-20	All-Inclusive System	1" x 1-1/8" (25mm x 3.2mm)	33' 12000 lbs. 520 sq.ft.	---	---	---	---	---	---	2500 lbs. (1135kg)	5 lbs. 8 oz. (2.46kg)
17-28	Lead Car Only	1" x 1-1/8" (25mm x 3.2mm)	33' 12000 lbs. 520 sq.ft.	1-1/2" (38mm)	1/2" (13mm)	3" (76mm)	1-1/4" (32mm)	3-9/32" (83mm)	1-29/32" (48mm)	2500 lbs. (1135kg)	10 oz. (0.28kg)
200-13	Fiddle Block	1" x 1-1/8" (25mm x 3.2mm)	33' 12000 lbs. 520 sq.ft.	1-1/16" (27mm)	5/16" (16mm)	4-5/32" (105mm)	1-3/16" (30mm)	19/32" (15mm)	---	500 lbs. (225kg)	1.75 oz. (0.05kg)
74-41	Adjustable Fiddle on Slide	1" x 1-1/8" (25mm x 3.2mm)	33' 12000 lbs. 520 sq.ft.	1-1/16" & 1-3/4" (27mm & 44mm)	5/16" (16mm)	3" (73mm)	1-1/4" (32mm)	3-9/32" (83mm)	1-29/32" (48mm)	500 lbs. (225kg)	15.5 oz. (0.45kg)
70-29	Stainless Steel Cam Cleat	---	---	---	7/16" (11mm)	2-11/16" (68mm)	1-13/32" (36mm)	15/16" (24mm)	---	500 lbs. (225kg)	4.5 oz. (0.12kg)
78-51	Bull's Eye	---	---	---	1/2" (13mm)	1-7/16" (36mm)	11/16" (36mm)	1-5/32" (17mm)	7/16" (29mm)	---	2.5 oz. (0.07kg)
78-93	Dead End Bail	---	---	---	1/2" (13mm)	1-15/32" (37mm)	21/32" (17mm)	11/16" (18mm)	---	---	1 oz. (0.02kg)

# Genoa Blocks

## Adjustable Twin Sheet Lead Control System for 1-1/4" T-Track

Schaefer's Adjustable Lead Control offers a low profile 4:1 purchase system, canted Lead car control system that mounts over your existing Genoa 1-1/4" T-Track. Allows for easy and safe adjustment of Genoa Leads from the safety and comfort of the cockpit.

78-92  
dead end bail

17-68 lead car

506-45 control block

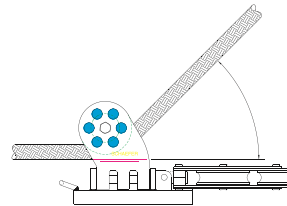
78-51 bullseye

74-44 control block



We've combined our twin sheet lead design with slides using a unique liner made of "slippery" polyethylene. These liners provide a low friction, easy solution to mounting on your existing T-Track. They glide virtually without detectable friction, yet handle up to 3500 lbs. (1590kg) of tension or compression load, without deformation.

Vertical Sheet Angle	Tow Load % x Sheet load
30°	15%
40°	25%
50°	35%
60°	50%
70°	65%



Lead car tow loads are dependent on sheet deflection angles. 45° is the most common deflection for #1 genoas making the tow load 30% of the car load. #3 heavy-air sails can deflect up to 70° for a tow load equal to 65% of the lead car load.

### All-Inclusive System includes:

- 17-68 Lead Cars (2)
- 506-45 Fiddle Block (2)
- 74-44 Adjustable Fiddle on Slide (2)
- 70-27 Cam Cleats (2)
- 78-51 Bull's Eye (2)
- 78-92 Dead End Bails (2)
- 50' 5/16" Line (2)
- 10' 5/16" Shock Cord (2)

Part#	Description	Track Size	Boat Size	Sheave Dia.	Max. Line	L	W	H	Bearing SWL Height	Weight	
17-60	All-Inclusive System	1-1/4" x 3/16" (31mm x 4.6mm)	40' 23000 lbs. 800 sq.ft.	---	---	---	---	---	---	3500 lbs. (1590kg) 11 lbs. 3 oz. (5kg)	
17-68	Lead Car Only	1-1/4" x 3/16" (31mm x 4.6mm)	40' 23000 lbs. 800 sq. ft.	2" (51mm)	5/8" (16mm)	5-1/32" (128mm)	1-9/16" (40mm)	4-3/8" (111mm)	2-9/16" (65mm)	3500 lbs. (1590kg) 1 lb. 10 oz. (0.72kg)	
506-45	Fiddle Block	1-1/4" x 3/16" (31mm x 4.6mm)	40' 23000 lbs. 800 sq. ft.	1-7/16" & 2-1/4" (36mm & 57mm)	1/2" (13mm)	6-7/16" (164mm)	2-3/8" (60mm)	15/16" (24mm)	---	1500 lbs. (675kg) 7.3 oz. (0.22kg)	
74-44	Adjustable Fiddle on Slide	1-1/4" x 3/16" (31mm x 4.6mm)	40' 23000 lbs. 800 sq. ft.	1-7/16" & 2-1/4" (36mm & 57mm)	1/2" (13mm)	5-1/32" (128mm)	1-9/16" (40mm)	4-3/8" (111mm)	2-9/16" (65mm)	1500 lbs. (675kg) 1 lb. 2 oz. (0.5kg)	
70-29	Stainless Steel Cam Cleat	---	---	---	7/16" (11mm)	2-11/16" (68mm)	1-13/32" (36mm)	15/16" (24mm)	---	500 lbs. (225kg) 4.5 oz. (0.12kg)	
78-51	Bull's Eye	---	---	---	1/2" (13mm)	1-7/16" (36mm)	11/16" (17mm)	1-5/32" (29mm)	7/16" (11mm)	---	2.5 oz. (0.07kg)
78-92	Dead End Bail	---	---	---	1/2" (13mm)	1-15/32" (37mm)	21/32" (17mm)	11/16" (18mm)	---	---	1 oz. (0.02kg)