



2022
CATALOG

BLUESHARK

BLUESHARK

NEW



Winch



Deck organizer update



Rope Clutch



Wind indicator

Aluminum Alloy Block

Delrin Ball bearing economic blocks

3

28mm

38mm

57mm

75mm

Composite bearing combined with delrin bearings High-Load

8

60mm

75mm

Torlon roller bearings System

11

High load, high strength

57mm

75mm

100mm

Soft-Attach Carbon Fiber Blocks

13

Cam cleat&Cam base

15

Sheave

16

Travelers

13mm aluminum alloy car

18

22mm aluminum alloy car

19

22mm aluminum alloy car

20

27mm aluminum alloy car

21

Furling System

Furling(code zero, spinnaker, gennaker)

22

Standard Furling System

23

Top-Down Furling System

24

Jib Furling

25

Tiller Extensions

26

Carbon Fiber Stanchion

27

Line Terminator

28

Rope Loop&SoftShackle

29

Softshackle

30

Hooks with shackle

32

Rings with shackle

32

Rope Loop

34

Aluminum web tie sheave

36

Ring with loop

36

Soft padeyes

39

Rope Clutch

41

Wind Indicator

42

Winch

43



- * Delrin Balls Bearing
- * Economy blocks
- * Non deforming aluminum

The aluminum parts of our sailboat blocks are fully hard coat anodized, therefore naturally UV resistant, unlike plastic blocks but similar in price.

The Delrin balls and 316 stainless steel hardware are suitable for small boats and will not only satisfy customers basic requirements, they are beautiful in appearance and smooth to touch.

Being of much higher quality than plastic blocks, they are the perfect replacement.



- * High-load block
- * Composite bearing combined with delrin bearings
- * The SS screws connecting the block sides guarantee the frame's high bearing capacity

The high quality aviation aluminum used and special surface processing, offer's double protection, i.e. inside prevention of corrosion caused by sea water, and outside guaranteeing UV protection and scratch resistance with low friction coefficient.

Where the aluminum frames and stainless steel fasteners connect have undergone stringent mechanical analysis to produce the high structural integrity.



- * Torlon roller bearings combined with delrin side bearings
- * High load, high strength

This High load block uses an integrated design, and the aluminum is milled on a CNC machine. The high quality aviation aluminum used and special surface processing, offer's double protection, i.e. inside prevention of corrosion caused by sea water, and outside guaranteeing UV protection and scratch resistance with low friction coefficient. Torlon4203 roller bearings used are high strength and have Self lubricating properties. Providing low friction movement and a long use life.

Product Design

There two types of structure in our block manufacture:

1. The split type used for low load applications
2. The inter-grated type milled from solid aluminum for high load applications

Both types have undergone rigid mechanical analysis to produce the best structure for required load and purpose.

To meet market demand we keep costs to a minimum through efficient manufacturing practices and processes.

Delrin Ball

Bearing

- **6061-T6 Aluminum Alloy Blocks**
- **Economy Blocks which excel in small boat**
- **Non deforming aluminum**
- **Dynamic workload blocks**



Manual polishing
Hard anodize



316 stainless
steel



Block is specialist for sailboat, aluminum alloy cover and wheel used thick antiseptic dispose, in the meanwhile it has UV product ability that much better than plastic blocks, it collocation with Delrin balls and 316 stainless steel hardware, beside suit customer basic requirements, it has much beautiful and delicacy appearance, similar price but more higher quality than plastic blocks.



28 MM BLOCKS

Delrin Ball Bearing- Dynamic load

Aluminum

Shell

Delrin Balls



Free swivel

2100-F 2103-A Left free to swivel 360

Fixed on deck

2100-D Can be fixed on deck with 4mm bolt



2100-F



2100-A



2100-B



2100-C



2100



2100-E



2100-D



2103



2101



2102



2103-A








2104



2105



2106

-  It is suitable in small boat
-  Delrin Balls Bearing
-  Economy blocks
-  Non deforming aluminum
-  Dynamic workload blocks.

Part No	Description	SHEAVE		Weight		Max line		Shackle		Maximum working		Breaking load	
		in	mm	oz	g	in	mm	in	mm	lb	kg	lb	kg
2100	Single	13/32	28	1.06	30	5/16	8	/	/	728	330	1653	750
2100-A	Single	13/32	28	1.06	30	5/16	8	/	/	728	330	1653	750
2100-B	Single	13/32	28	2.12	60	5/16	8	/	/	728	330	1653	750
2100-C	Single	13/32	28	1.06	30	5/16	8	/	/	728	330	1653	750
2100-D	Single	13/32	28	1.06	30	5/16	8	/	/	728	330	1653	750
2100-E	Single	13/32	28	1.06	30	5/16	8	/	/	728	330	1653	750
2100-F	Single	13/32	28	1.06	30	5/16	8	5/32	4	728	330	1653	750
2101	Double	13/32	28	1.76	50	5/16	8	3/16	5	1213	550	2161	980
2102	Tripie	13/32	28	3.53	100	5/16	8	1/4	6	1543	700	2646	1200
2103	Single/becket	13/32	28	1.23	35	5/16	8	3/16	5	728	330	1653	750
2104	Double/becket	13/32	28	2.47	70	5/16	8	3/16	5	1213	550	2161	980
2105	Tripie/becket	13/32	28	4.23	120	5/16	8	1/4	6	1543	700	2646	1200
2106		13/32	28	2.47	70	5/16	8	1/4	6	728	330	1653	750



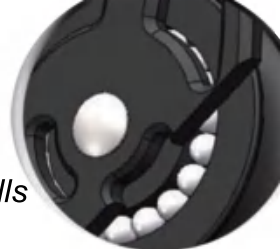
38 MM BLOCKS

Delrin Ball Bearing- Dynamic load

Aluminum

Shell

Delrin Balls



Adjustable shackle rotation angle



2251 can be fixed on deck with 4mm bolt



2251



2252



2253



2254



2255



2256



2257



2258



2259



2260



2261



2262



2263



22-21



2250-C



2250-T

- Delrin Balls Bearing
- Economy blocks
- Non deforming aluminum
- Dynamic workload blocks.

Part No	Description	SHEAVE		Weight		Max line		Shackle		Maximum working		Breaking load	
		in	mm	oz	g	in	mm	in	mm	lb	kg	lb	kg
2250	Single	1/8	38	3	85	3/8	10	3/16	5	904	410	2205	1000
2250-T	Single	1/8	38	3	85	3/8	10	3/16	5	904	410	2205	1000
2251	Single	1/8	38	2.29	65	3/8	10	/	/	904	410	2205	1000
2252	Single/becket	1/8	38	2.82	80	3/8	10	3/16	5	904	410	2205	1000
2253	Fiddle	1/8	38	3.53	100	3/8	10	5/32	4	904	410	2205	1000
2254	Double	1/8	38	5.64	160	3/8	10	1/4	6	1609	730	2866	1300
2255	Double/becket	1/8	38	5.47	155	3/8	10	1/4	6	1609	730	2866	1300
2256	Tripie	1/8	38	7.93	225	3/8	10	1/4	6	2337	1060	3748	1700
2257	Tripie/becket	1/8	38	8.47	240	3/8	10	1/4	6	2337	1060	3748	1700
2258	Fiddle	1/8	38	6.7	190	3/8	10	3/16	5	904	410	2205	1000
2259	Fiddle/becket	1/8	38	3.7	105	3/8	10	3/16	5	904	410	2205	1000
2260	Fiddle/becket/Adjustable	1/8	38	4.02	114	3/8	10	3/16	5	904	410	2205	1000
2261	Tripie/Adjustable	1/8	38	10.2	290	3/8	10	3/16	5	2337	1060	4978	2258
2262	Tripie/becket/Adjustable	1/8	38	10.2	290	3/8	10	3/16	5	2337	1060	4978	2258
22-21	28 Single+38 Single	/	/	4.4	125	5/16	8	/	/	728	330	1653	750



57 MM BLOCKS

Delrin Ball Bearing- Dynamic load

Aluminum





Shell

Delrin Balls



Adjustable shackle rotation angle

2310

-  Delrin Balls Bearing
-  Economy blocks
-  Non deforming aluminum
-  Dynamic workload blocks.



2311



2312



2314



2313



2315



2327



2328



2329



2335

Part No	Description	SHEAVE		Weight		Max line		Shackle		Maximum working		Breaking load	
		in	mm	oz	g	in	mm	in	mm	lb	kg	lb	kg
2310	Single	2¼	57	6.0	170	7/16	12	1/4	6	1102	500	3527	1600
2311	Double	2¼	57	12.3	350	7/16	12	5/16	8	1984	900	4189	1900
2312	Tripic	2¼	57	17.5	500	7/16	12	5/16	8	2866	1300	4850	2200
2313	Single/becket	2¼	57	6.7	190	7/16	12	1/4	6	1102	500	3527	1600
2314	Double/becket	2¼	57	12.6	360	7/16	12	5/16	8	1984	900	4189	1900
2315	Tripic/becket	2¼	57	15.4	440	7/16	12	5/16	8	2645	1200	4850	2200
2327	Single/Adjustable	2¼	57	6.35	180	7/16	12	5/16	6	1102	500	3527	1600
2328	Single/becket/Adjustable	2¼	57	10.5	300	7/16	12	1/4	6	1102	500	3527	1600
2329	Single stand up	2¼	57	8.05	230	7/16	12	\	\	1102	500	3527	1600
2335	Quadruple	2¼	57	23.1	660	7/16	12	5/16	8	3748	1700	5511	2500



57 MM BLOCKS

Delrin Ball Bearing- Dynamic load

Aluminum
Shell

Delrin Balls



2316



2317



2318



2319



2320



2321



2325







2336



Adjustable
shackle rotation
angle



2325 can be fixed on
deck with 4mm bolt

-  Delrin Balls Bearing
-  Economy blocks
-  Non deforming aluminum
-  Dynamic workload blocks.

Part No	Description	SHEAVE		Weight		Max line		Shackle		Maximum working		Breaking load	
		in	mm	oz	g	in	mm	in	mm	lb	kg	lb	kg
2316	Fiddle	2¼	57	8.2	235	7/16	12	1/4	6	1102	500	3527	1600
2317	Fiddle/becket	2¼	57	8.2	235	7/16	12	1/4	6	1102	500	3527	1600
2318	Fiddle/Adjustable/cam	2¼	57	12.3	350	3/8	10	1/4	6	1102	500	3527	1600
2319	Tripic/Adjustable	2¼	57	21.0	600	3/8	10	5/16	8	2866	1300	4850	2200
2320	Fiddle/becket/Adjustable	2¼	57	14.0	400	3/8	10	1/4	6	1102	500	3527	1600
2321	Tripic/becket/Adjustable	2¼	57	21.7	620	3/8	10	5/16	8	2645	1200	4850	2200
2325	Single	2¼	57	5.3	150	7/16	12	5/16	8	1102	500	3527	1600
2336	Triple Becket Cam/57 block	2¼	57	27.7	790	3/8	10	5/16	8	2645	1200	4850	2200

**Composite bearing
combined with delrin
bearings**

- **6061-T6 Aluminum Alloy Blocks**
- **High-load block**
- **Static workload blocks**
- **The SS screws connecting the block sides guarantee the frame's high bearing capacity**



**Manual polishing
Hard anodize**



**316 stainless
steel**



The high quality aviation aluminum used and special surface processing, offer's double protection, i.e. Inside prevention of corrosion caused by sea water , and outside guaranteeing UV protection and scratch resistance with low friction coefficient. Where the aluminum frames and stainless steel asteners connect have undergone stringent mechanical analysis to produce the high structural integrity.



60 MM BLOCKS

Composite Bearing-Static load



High-load composite/ball combination bearings



2670



2671



2675

Aluminum alloy material that strong and no deformation



2676



2677



2678

The SS screw shaft through block guarantee the frame



- Suitable for medium sailboat.
- Use high quality aviation aluminum, and special surface processing, double protection, inner for prevent corrosion of sea water, outer guarantee UV radiation, scratch prevention, and low friction coefficient.
- High load, high strength.
- Economy blocks

Part No	Description	SHEAVE		Weight		Max line		Shackle		Maximum working		Breaking load	
		in	mm	oz	g	in	mm	in	mm	lb	kg	lb	kg
2670	Single/Swivel	2	60	7	190	9/16	12	1/4	6	2205	1000	4409	2000
2671	Single/becket	2	60	7	210	9/16	12	1/4	6	2205	1000	4409	2000
2675	Double	2	60	14	390	9/16	12	5/16	8	2205	1000	4409	2000
2676	Tripie	2	60	20	560	9/16	12	5/16	8	2205	1000	4409	2000
2677	Double/becket	2	60	14	410	9/16	12	5/16	8	2205	1000	4409	2000
2678	Tripie/becket	2	60	20	575	9/16	12	5/16	8	2205	1000	4409	2000



75 MM BLOCKS

Composite Bearing-Static load

- Suitable for medium sailboat.
- Use high quality aviation aluminum, and special surface processing, double protection, inner for prevent corrosion of sea water, outer guarantee UV radiation, scratch prevention, and low friction coefficient.
- Economy blocks
- Aluminum alloy material that strong and no deformation
- Static load block



High-load composite/ball combination bearings



The SS screw shaft through block guarantee the frame high bearing capacity



2770



2771



2775



2776



2777



2778



2780



2781



2772

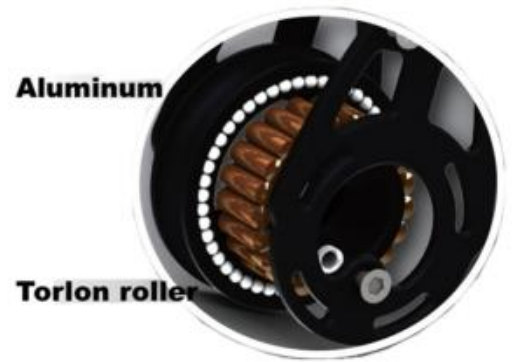


2773

Part No	Description	SHEAVE		Weight		Max line		Shackle		Maximum working load		Breaking load	
		in	mm	oz	g	in	mm	in	mm	lb	kg	lb	kg
2770	Single/Swivel	2 ^{15/16}	75	19	540	9/16	14	3/8	10	4409	2000	8818	4000
2771	Single/Pin	2 ^{15/16}	75	21	600	9/16	14	3/8	10	4409	2000	8818	4000
2772	Single	2 ^{15/16}	75	15	420	9/16	14	\	\	4409	2000	8818	4000
2773	Double	2 ^{15/16}	75	25	700	9/16	14	\	\	4409	2000	8818	4000
2775	Double	2 ^{15/16}	75	33	930	9/16	14	3/8	10	4409	2000	8818	4000
2776	Tripie	2 ^{15/16}	75	46	1310	9/16	14	3/8	10	4409	2000	8818	4000
2777	Double/becket	2 ^{15/16}	75	35	990	9/16	14	3/8	10	4409	2000	8818	4000
2778	Tripie/becket	2 ^{15/16}	75	49	1380	9/16	14	3/8	10	4409	2000	8818	4000
2780	Fiddle Block	2 ^{15/16}	75	24	690	9/16	14	3/8	10	4409	2000	8818	4000
2781	Fiddle Block	2 ^{15/16}	75	26	740	9/16	14	3/8	10	4409	2000	8818	4000

Torlon roller bearings system

- **6061-T6 Aluminum Alloy Blocks**
- **Torlon roller bearings combined with delrin side bearings**
- **High load, high strength**
- **Dynamic workload blocks**



High load product using integrated design, aluminum is milled on CNC machine



This High load block uses an integrated design, and the aluminum is milled on a CNC machine, The high quality aviation aluminum used and special surface processing, offer' s double protection, i.e. inside prevention of corrosion caused by sea water , and outside guaranteeing UV protection and scratch resistance with low friction coefficient. Torlon 4203 roller bearings used are high strength and have Self lubricating properties. Providing low friction movement and a long use life.



High-Load BLOCKS

Torlon roller Bearing- Dynamic load

Torlon roller bearings system self lubricating while working, can stand higher dynamic workload without lubricant.



100 MM



2810

57 MM



2370



2373



75 MM



2750



2751

High load product using integrated design, aluminum is milled on CNC machine



The SS screw shaft through block guarantee the frame high bearing capacity

- Use high quality aviation aluminum, and special surface processing, double processing, double protection, inner for prevent corrosion of sea water, outer guarantee UV radiation, scratch prevention and low friction coefficient.
- High load, high strength.
- Aluminum alloy material strong and no deformation.
- Dynamic work load block.

Part No	Description	SHEAVE		Weight		Max line		Shackle		Maximum working		Breaking load	
		in	mm	oz	g	in	mm	in	mm	lb	kg	lb	kg
2370	Single	2 1/4	57	6	170	7/16	12	5/16	8	3307	1500	6614	3000
2373	Single/becket	2 1/4	57	7.06	200	7/16	12	5/16	8	3307	1500	6614	3000
2750	Single	2 15/16	75	18	510	9/16	14	3/8	10	5511	2500	9920	4500
2751	Single/Pin	2 15/16	75	19	530	9/16	14	3/8	10	5511	2500	9920	4500
2810	Single	4	100	32	900	5/8	16	1/2	12	8818	4000	16535	7500

Soft-attach carbon fiber blocks

- **extremely lightweight, Half lighter than aluminum alloy blocks.**
- **Excellent corrosion resistance and elasticity.**
- **Carbon Fiber shell with aluminum alloy sheave.**
- **dyneema rope soft-attach.**



High wear resistance sleeve- more stronger than ball bearing in static load



carbon fibre is roughly 40% lighter than aluminium(per unit volume), and at the same time, the strongest carbon fibers are 10 times stronger than steel and 8 times that of aluminum.

The size of sailboat carbon fiber for now is from 16mm to 57mm, blocks are extremely lightweight, like the 16mm is only 5g. Made of CNC machine, corrosion resistance and antioxidative.

Choose UHMWPE rope as the material of the softshackle which lighter and stronger than stainless steel, they are also kinder to your boat and your hands.

NEW

Soft-Attach Carbon Fiber Blocks

High wear resistance sleeve



2010



16mm

2050



20mm

High wear resistance sleeve- more stronger than ball bearing in static load

3350

3450

3550



3355

3455

3555



3356

3456

3556



28-38-57mm

Part No	Description	SHEAVE		Weight		Max line		SoftShackle		Maximum working	
		in	mm	oz	g	in	mm	in	mm	lb	kg
2010	Single	5/8	16	0.16	4.6	3/16	5	3/32	2	287	130
2050	Single	13/16	21	0.23	6.5	1/4	6	3/32	2	330	150
3350	Single	13/32	28	0.63	18	5/16	8	1/8	3	880	400
3450	Single	1/8	38	1.23	35	3/8	10	5/32	4	1760	800
3550	Single	2 1/4	57	2.82	80	7/16	12	3/16	5	2425	1100
3355	Single	13/32	28	0.63	18	5/16	8	1/8	3	880	400
3455	Single	1/8	38	1.23	35	3/8	10	5/32	4	1760	800
3555	Single	2 1/4	57	2.82	80	7/16	12	3/16	5	2425	1100
3356	Single	13/32	28	0.92	26	5/16	8	1/8	3	880	400
3456	Single	1/8	38	1.59	45	3/8	10	5/32	4	1760	800
3556	Single	2 1/4	57	3.17	90	7/16	12	3/16	5	2425	1100



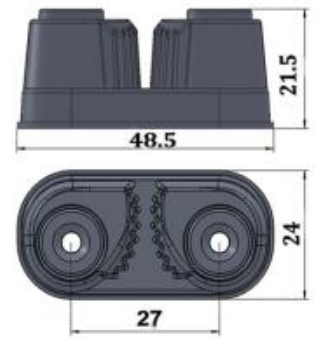


Cam Cleat

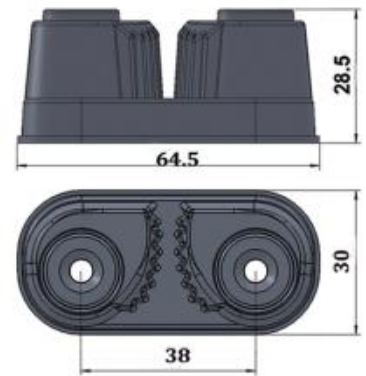
Delrin Ball Bearing



Small size



Medium size



Part No	Description	Line ϕ		Safe working load		Breaking Load	
		in	mm	lb	kg	lb	kg
125	Small size/Nylon	1/8-1/4	3-6	150	68	300	136
126	Small size/Nylon/Fairlead	1/8-1/4	3-6	150	68	300	136
127	Small size/Nylon/Fairlead	1/8-1/4	3-6	150	68	300	136
130	Medium size/Nylon	1/8-3/8	3-10	200	91	500	227
131	Medium size/Nylon/Fairlead	1/8-3/8	3-10	200	91	500	227
132	Medium size/Nylon/Fairlead	1/8-3/8	3-10	200	91	500	227
135	Medium size/Aluminum	1/8-3/8	3-10	300	136	750	340
136	Medium size/Aluminum/Fairlead	1/8-3/8	3-10	300	136	750	340
137	Medium size/Aluminum/Fairlead	1/8-3/8	3-10	300	136	750	340



Cam Base

Use for:

- Mainsheets
- Jib sheets
- Control lines

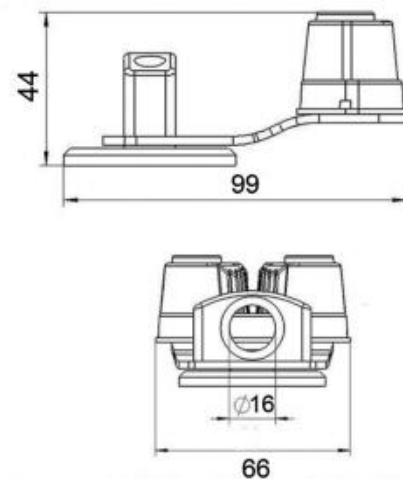
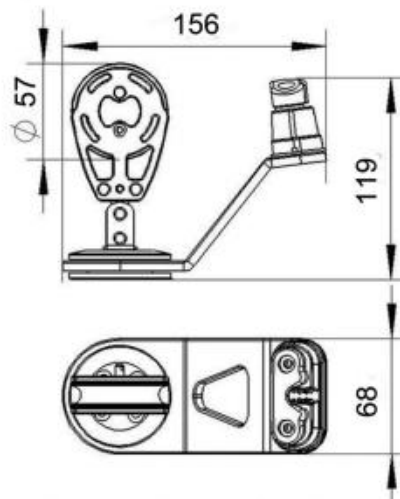


- Suitable for small sailboat.
- Use high quality aviation aluminum, and special surface processing, double protection, inner for prevent corrosion of sea water, outer guarantee UV radiation.



For 57 Block

Ball bearing





Sheave

Composite Ball Bearing

- Composite bearing side bearing
- Aluminum material with high strength, delicacy appearance, longer life
- Preservative treatment



1910



1905



1900

Part No	Description	Sheave ϕ		Width		Center pin ϕ		Max line		Weight		Maximum working		Breaking load	
		in	mm	in	mm	in	mm	in	mm	oz	g	lb	kg	lb	kg
1900	40mm Aluminum Sheave	1 ^{9/16}	40	3/4	19	5/16	8	3/8	10	2.5	70	2205	1000	3750	1700
1905	50mm Aluminum Sheave	2	50	7/8	22	5/16	8	5/8	16	4.6	130	2645	1200	4630	2100
1910	75mm Aluminum Sheave	3	75	7/8	22	3/8	10	5/8	16	6.2	175	4410	2000	8820	4000



Deck Organizers

High wear resistance sleeve



4404-D

Aluminum Shell

316SS shaft

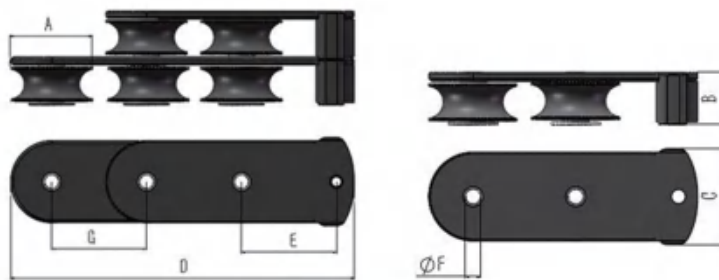
High wear resistance sleeve.

Aluminum Wheel

Fixed on deck with 6-8 mm screws (40mm-50mm)



- Aluminum material with high strength delicacy appearance, longer block life Preservative treatment.
- Deck organizers stack for additional configurations
- This set sell without screws. please buy additionally



Part	Description	Sheave ϕ A		Height B		Width C		Length D		Hole to hole E G		Fastenings F		Weight		Max line		Maximum working load		
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	oz	g	in	mm	lb	kg	
4402-D	2-Sheave	1 ^{9/16}	40	7/8	22	1 ^{9/16}	40	118	1 ^{13/16}	46	1 ^{1/2}	42	1/4	6	4.9	140	3/8	10	1543	700
4403-D	3-Sheave	1 ^{9/16}	40	7/8	22	1 ^{9/16}	40	164	1 ^{13/16}	46	1 ^{1/2}	42	1/4	6	7.4	210	3/8	10	1543	700
4404-D	4-Sheave	1 ^{9/16}	40	7/8	22	1 ^{9/16}	40	210	1 ^{13/16}	46	1 ^{1/2}	42	1/4	6	9.9	280	3/8	10	1543	700
4405-D	5-Sheave	1 ^{9/16}	40	7/8	22	1 ^{9/16}	40	256	1 ^{13/16}	46	1 ^{1/2}	42	1/4	6	12.0	340	3/8	10	1543	700
4432-D	3+2 Sheave	1 ^{9/16}	40	1 ^{1/2}	42	1 ^{9/16}	40	164	1 ^{13/16}	46	1 ^{1/2}	42	1/4	6	12.3	350	3/8	10	1543	700
4443-D	4+3 Sheave	1 ^{9/16}	40	1 ^{1/2}	42	1 ^{9/16}	40	210	1 ^{13/16}	46	1 ^{1/2}	42	1/4	6	15.5	440	3/8	10	1543	700
4502-D	2-Sheave	2	50	1 ^{1/8}	29	2	50	150	2 ^{1/4}	58	2 ^{1/4}	58	1 ^{15/16}	8	10.6	300	5/8	16	1984	900
4503-D	3-Sheave	2	50	1 ^{1/8}	29	2	50	208	2 ^{1/4}	58	2 ^{1/4}	58	1 ^{15/16}	8	14.4	410	5/8	16	1984	900
4504-D	4-Sheave	2	50	1 ^{1/8}	29	2	50	266	2 ^{1/4}	58	2 ^{1/4}	58	1 ^{15/16}	8	18.3	520	5/8	16	1984	900
4505-D	5-Sheave	2	50	1 ^{1/8}	29	2	50	324	2 ^{1/4}	58	2 ^{1/4}	58	1 ^{15/16}	8	22.2	630	5/8	16	1984	900
4532-D	3+2 Sheave	2	50		56	2	50	208	2 ^{1/4}	58	2 ^{1/4}	58	1 ^{15/16}	8	25.0	710	5/8	16	1984	900
4543-D	4+3 Sheave	2	50		56	2	50	266	2 ^{1/4}	58	2 ^{1/4}	58	1 ^{15/16}	8	31.7	900	5/8	16	1984	900

NEW

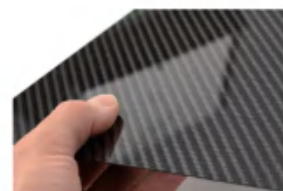
Deck Organizers

High wear resistance sleeve-Carbon fiber



Carbon Fiber Plate

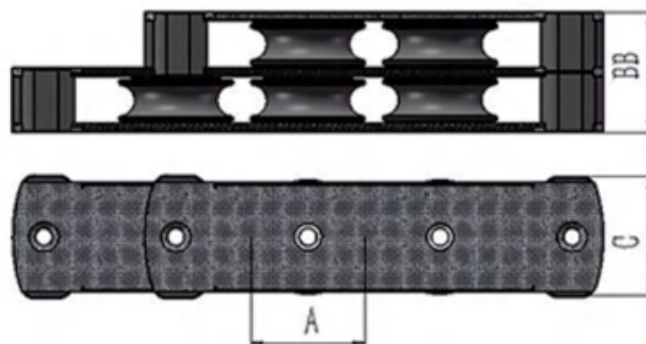
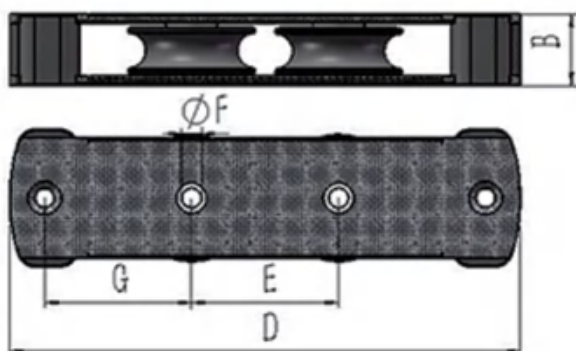
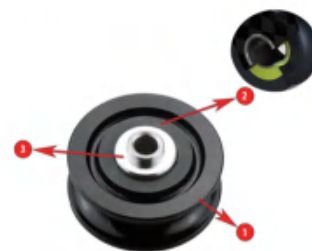
There's no questions that carbon fiber is one of the greatest materials ever to have been introduced into production. **high strength, extremely light weight** -40% lighter and 8 times stronger than aluminum. **Stress resistance** – Parts made from Carbon Fibre are less prone to wear and tear. Carbon doesn't suffer from fatigue, it won't start to rot or degrade in poor conditions it's a long lasting and hard wearing material. **Corrosion resistance** – Carbon fibre is durable in corrosive environments too.



Aluminum Alloy Sheave

High wear resistance sleeve
316 stainless steel hardware

1. Aluminum alloy sheave-made of aluminum alloy 6061T6, hardcoating anodized which is twice as thick as normal black anodized, corrosion and UV resistance.
2. High wear resistance sleeve-more stronger than ball bearing in static load. 30% increase than previously.
3. 316 stainless steel hardware-Where the aluminum frames and stainless steel fasteners connect have undergone stringent mechanical analysis to produce the high structural integrity.



Part No	Description	Sheave A		Height B		Width C		Length D		Hole to hole E G		Fastenings F		Weight		Max line		Maximum working load		
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	oz	g	in	mm	lb	kg	
4402	2-Sheave	1 9/16	40	7/8	22	1 9/16	40	160	1 13/16	46	1 13/16	46	1/4	6	5.8	165	3/8	10	1980	900
4403	3-Sheave	1 9/16	40	7/8	22	1 9/16	40	206	1 13/16	46	1 13/16	46	1/4	6	8.3	235	3/8	10	1980	900
4404	4-Sheave	1 9/16	40	7/8	22	1 9/16	40	252	1 13/16	46	1 13/16	46	1/4	6	10.7	305	3/8	10	1980	900
4405	5-Sheave	1 9/16	40	7/8	22	1 9/16	40	298	1 13/16	46	1 13/16	46	1/4	6	13.2	375	3/8	10	1980	900
4432	3+2Sheave	1 9/16	40	1 1/2	42	1 9/16	40	206	1 13/16	46	1 13/16	46	1/4	6	12.3	350	3/8	10	1980	900
4443	4+3Sheave	1 9/16	40	1 1/2	42	1 9/16	40	252	1 13/16	46	1 13/16	46	1/4	6	16.9	480	3/8	10	1980	900
4502	2-Sheave	2	50	1 3/16	31	2	50	195	2 1/4	58	2 1/4	58	1 15/16	8	10.9	310	5/8	16	2640	1200
4503	3-Sheave	2	50	1 3/16	31	2	50	253	2 1/4	58	2 1/4	58	1 15/16	8	15.1	430	5/8	16	2640	1200
4504	4-Sheave	2	50	1 3/16	31	2	50	311	2 1/4	58	2 1/4	58	1 15/16	8	19.4	550	5/8	16	2640	1200
4505	5-Sheave	2	50	1 3/16	31	2	50	369	2 1/4	58	2 1/4	58	1 15/16	8	23.6	670	5/8	16	2640	1200
4532	3+2Sheave	2	50	2 1/4	58	2	50	253	2 1/4	58	2 1/4	58	1 15/16	8	24.3	690	5/8	16	2640	1200
4543	4+3Sheave	2	50	2 1/4	58	2	50	311	2 1/4	58	2 1/4	58	1 15/16	8	32.0	910	5/8	16	2640	1200

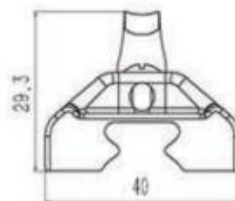
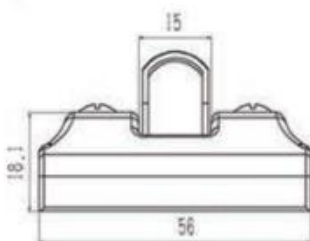


13mm Aluminum Car

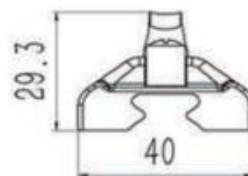
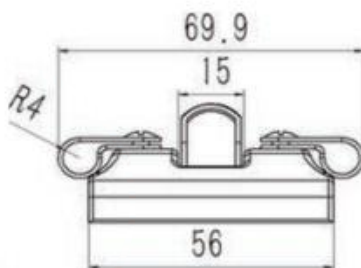
Delrin Ball Bearing



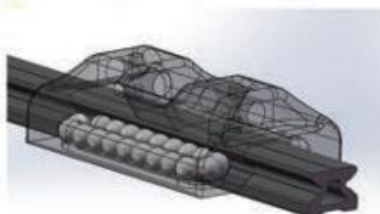
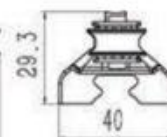
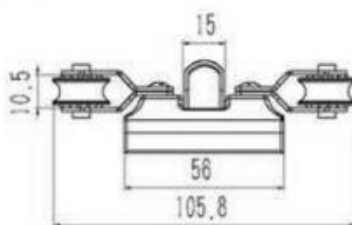
1400



1401



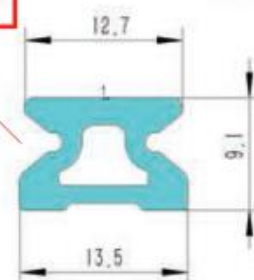
1402



- Aluminum alloy cars body
- Delrin Balls
- 316SS accessories



1400.1



Use high quality aviation aluminum material, surface after the special craft processing, double protection, the inner prevent the corrosion from sea water, the outer ensures the products UV resistance, stroke prevention and low friction coefficient

Part No	Description	Length		Width		Car body Height		Weight		Maximum working		Breaking load	
		in	mm	in	mm	in	mm	oz	g	lb	kg	lb	kg
1400	Cars 13mm	2 ^{7/32}	56	1 ^{5/32}	29.3	23/32	18.1	2.47	70	375	170	1940	880
1401	Cars 13mm	4 ^{5/32}	106	1 ^{5/32}	29.3	23/32	18.1	3.53	100	375	170	1940	880
1402	Cars 13mm	2 ^{3/4}	69.9	1 ^{5/32}	29.3	23/32	18.1	2.82	80	375	170	1940	880
1400	Track 13mm	-	-	11/32	9.1	-	-	-	-	-	-	-	-
Track													
1400.06	Track 13mm	23 ^{5/8}	600	-	-	-	-	4.23	120	-	-	-	-
1401.1	Track 13mm	39 ^{3/8}	1000	-	-	-	-	7.5	200	-	-	-	-
1401.1.5	Track 13mm	59 ^{1/16}	1500	-	-	-	-	10.6	300	-	-	-	-
1401.2	Track 13mm	78 ^{3/4}	2000	-	-	-	-	14.1	400	-	-	-	-



22MM Aluminum Car

Ceramic Ball Bearing

Aluminum alloy cars body

Ceramic Balls

316SS accessories



Use high quality aviation aluminum material,surface after the special craft processing,double protection,the inner prevent the corrosion from sea water,the outer ensures the products UV resistance,stroke prevention and low friction coefficient



1553



1554



1526



1582



1536



1537



1528



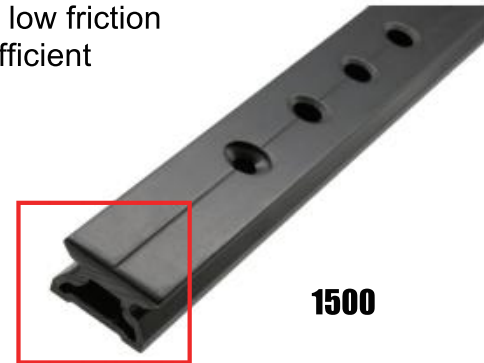
1534



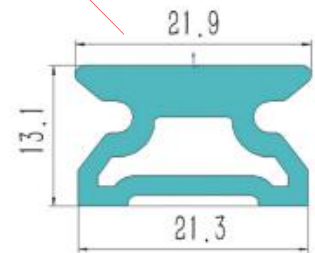
1590



1585



1500



Part No	Description	Length		Sheave ϕ		Car body Height		Weight		Maximum working		Breaking load	
		in	mm	in	mm	in	mm	oz	g	lb	kg	lb	kg
1553	Cars 22mm	2 ^{15/16}	75	-	-	1	25.4	5.19	147	838	380	2205	1000
1526	Cars 22mm	2 ^{15/16}	75	-	-	1	25.4	4.66	132	838	380	2205	1000
1528	Cars 22mm	2 ^{15/16}	75	13/32	28	1	25.4	5.61	159	838	380	2205	1000
1582	Cars 22mm	3 ^{15/16}	100	-	-	1	25.4	6.53	185	1212	550	2205	1000
1534	Cars 22mm	3 ^{15/16}	100	13/32	28	1	25.4	12	340	1212	550	2205	1000
1537	Cars 22mm	3 ^{15/16}	100	13/32	28	1	25.4	9.95	282	1212	550	2205	1000
1536	Cars 22mm	3 ^{15/16}	100	13/32	28	1	25.4	7.41	210	1212	550	2205	1000
1554	Cars 22mm	3 ^{15/16}	100	-	-	1	25.4	7.05	200	1212	550	2205	1000
Track													
1500.06	Track 22mm	23 ^{5/8}	600	-	-	-	-	9.03	256	-	-	-	-
1500.1	Track 22mm	39 ^{3/8}	1000	-	-	-	-	15.1	427	-	-	-	-
1500.1.5	Track 22mm	59 ^{1/16}	1500	-	-	-	-	22.6	640	-	-	-	-
1500.2	Track 22mm	78 ^{3/4}	2000	-	-	-	-	30.1	854	-	-	-	-



22MM Aluminum End Control&Lead Car

Small Boat Controls



1546



1544



1547



1545



1595



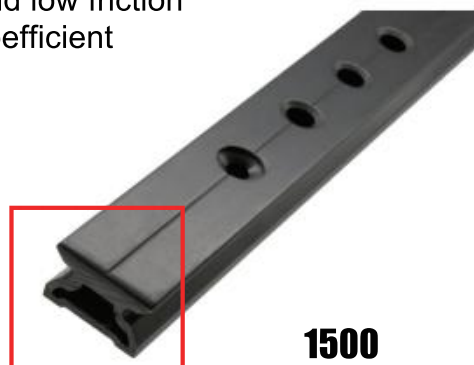
1550



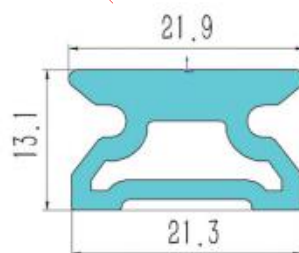
1597

Used for : mainsail track etc.work with 1500 track

Use high quality aviation aluminum material,surface after the special craft processing,double protection,the inner prevent the corrosion from sea water,the outer ensures the products UV resistance,stroke prevention and low friction coefficient



1500



Endstops

Part No	Description	Length		Sheave φ		Car body Height		Weight		Maximum working		Breaking load	
		in	mm	in	mm	in	mm	oz	g	lb	kg	lb	kg
1544	Endstops 22mm	3 ^{1/2}	89	1 ^{1/2}	38	1	25	9.95	280	397	180	772	350
1545	Endstops 22mm	3 ^{1/2}	89	1 ^{1/2}	38	1	25	11.4	322	683	310	1300	590
1546	Endstops 22mm	3 ^{1/2}	89	1 ^{1/2}	38	1	25	9.95	280	397	180	772	350
1547	Endstops 22mm	3 ^{1/2}	89	1 ^{1/2}	38	1	25	11.4	322	683	310	1300	590
1550	Endstops 22mm	3 ^{1/2}	89	1 ^{1/2}	38	1	25	12.7	360	683	310	1300	590

Track

1500.06	Track 22mm	23 ^{5/8}	600	-	-	-	-	9.03	256	-	-	-	-
1500.1	Track 22mm	39 ^{3/8}	1000	-	-	-	-	15.1	427	-	-	-	-
1500.1.5	Track 22mm	59 ^{1/16}	1500	-	-	-	-	22.6	640	-	-	-	-
1500.2	Track 22mm	78 ^{3/4}	2000	-	-	-	-	30.1	854	-	-	-	-

Jib Control

1595	Lead Car 22mm	3 ^{15/16}	100	1 ^{1/2}	38	1	25	11.4	322	904	410	2205	1000
1597	Lead Car 22/27mm	3 ^{1/2}	90	1 ^{15/16}	50	1	25	11.4	340	1102	500	3527	1600

27mm Aluminum End Control&Car

Car

Ceramic Ball



1600



1601



1605



Aluminum alloy cars body

Ceramic Balls

316SS accessories

End



1659



1685

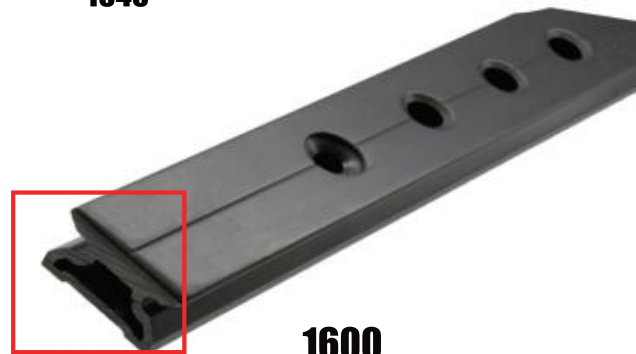


1645

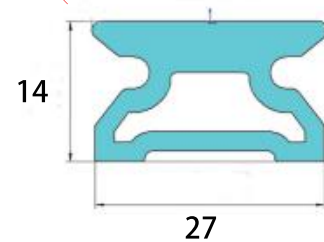
Lead Car



1597



1600



Use high quality aviation aluminum material, surface after the special craft processing, double protection, the inner prevent the corrosion from sea water, the outer ensures the products UV resistance, stroke prevention and low friction coefficient

Part No	Description	Length		Sheave φ		Car body Height		Weight		Maximum working		Breaking load	
		in	mm	in	mm	in	mm	oz	g	lb	kg	lb	kg
1600	Cars 27mm	5 ²⁹ / ₃₂	150	1 ³ / ₃₂	28	1 ⁷ / ₃₂	31	20.3	580	2200	1000	4620	2100
1601	Cars 27mm	5 ²⁹ / ₃₂	150	1 ³ / ₃₂	28	1 ⁷ / ₃₂	31	24.5	700	2200	1000	4620	2100
1605	Cars 27mm	5 ²⁹ / ₃₂	150	1 ³ / ₃₂	28	1 ⁷ / ₃₂	31	24.9	710	2200	1000	4620	2100
Endstops													
1645	Endstops 27mm	4 ¹³ / ₁₆	122	1 ¹ / ₂	38	1 ⁷ / ₃₂	31	21.5	610	660	300	1500	680
1659	Endstops 27mm	1 ¹⁵ / ₁₆	50	-	-	1	25	4.7	135	-	-	-	-
1685	Endstops 27mm	1 ¹ / ₂	38	-	-	3/4	19	0.8	22	-	-	-	-
Jib Control													
1597	Lead Car 22/27mm	3 ¹ / ₂	90	1 ¹⁵ / ₁₆	50	1	25	11.4	340	1102	500	3527	1600
Track													
1600.06	Track 27mm	23 ⁵ / ₈	600	-	-	-	-	14.1	400	-	-	-	-
1600.1	Track 27mm	39 ³ / ₈	1000	-	-	-	-	23.6	670	-	-	-	-
1600.1.5	Track 27mm	59 ¹ / ₁₆	1500	-	-	-	-	35.2	1000	-	-	-	-
1600.2	Track 27mm	78 ³ / ₄	2000	-	-	-	-	46.9	1330	-	-	-	-

Furling System

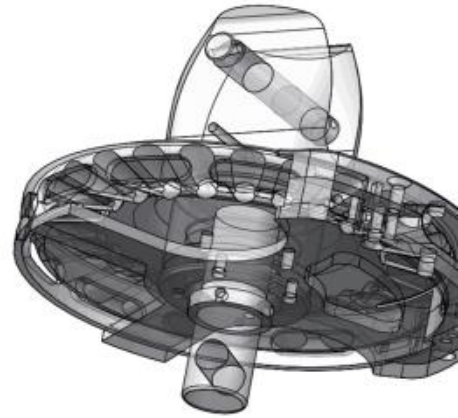
code zero, spinnaker, gennaker



Aluminum alloy material

Ceramic bearing

316SS accessories



Features:

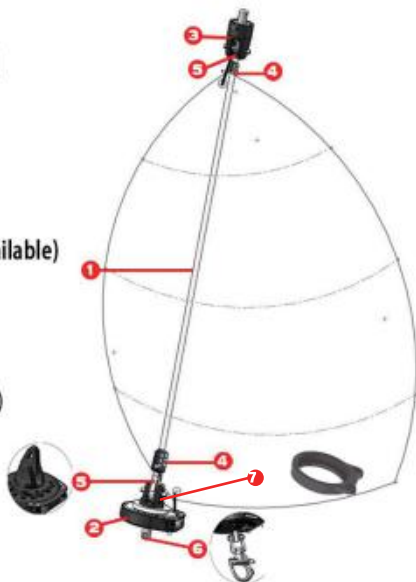
Ceramic bearing will never rust.

The combination of deep groove bearing and thrust bearing made the product rotate more flowing. Aluminum alloy and SS material made product strength and beauty.



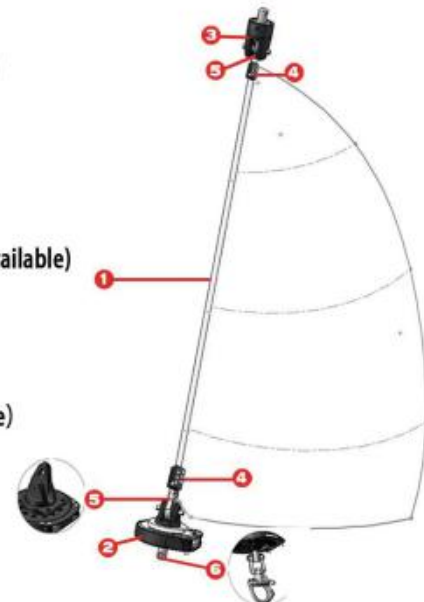
Top-down Furling System

- 1 Anti-Torsion rope (not available)
- 2 Furler drum
- 3 Furler upper
- 4 Rope clamp
- 5 Line terminator (thimble)
- 6 Snapshackle
- 7 Top-down adapter



Standard Furling System

- 1 Anti-Torsion rope (not available)
- 2 Furler drum
- 3 Furler upper
- 4 Rope clamp
- 5 Line terminator (thimble)
- 6 Snapshackle



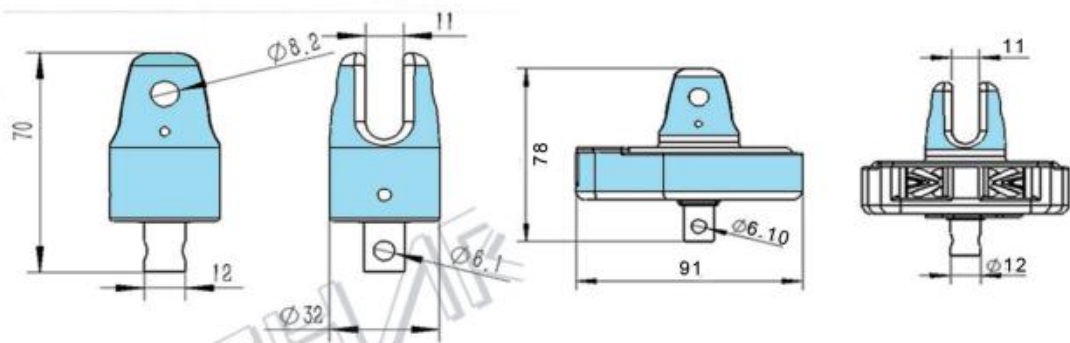


Standard Furling System

For upwind sailing, true wind angles less than 90°



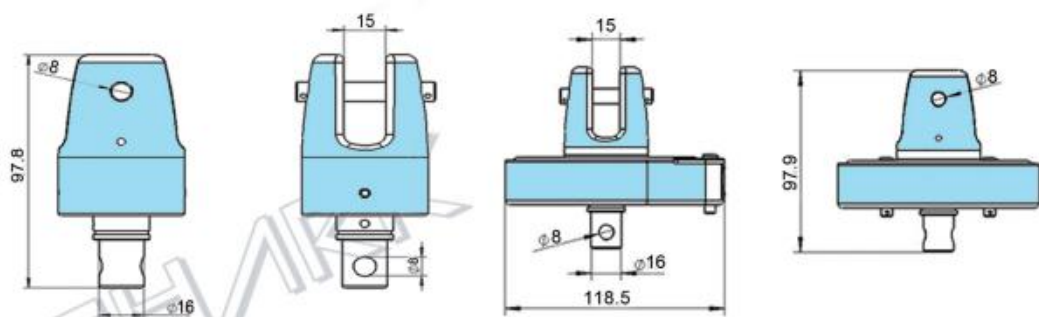
2502 2503



Max Working Load 1200KG



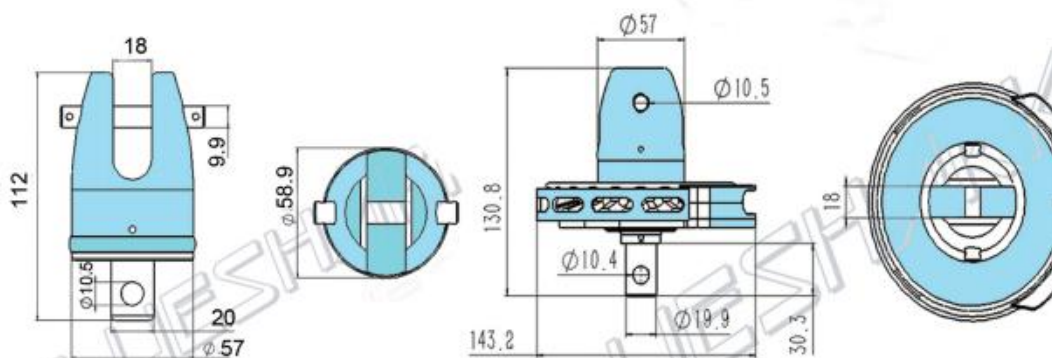
2504 2405



Max Working Load 1500KG



2510 2511



Max Working Load 2500KG

STANDARD FURLING SYSTEM

SERIES	Boat LOA	MAX ROPE ϕ	Sail Area	M.W.L	combine With	Thimble	Rope Clamp	Anti-torsion Rope ϕ
2502	7m	8mm	30sqm	1.2t	2503			
2504	10m	8mm	60sqm	1.5t	2505	2504-P	1941-S	8-9mm
						2504-P10	1942-S	10-11mm
2510	12m	12mm	100sqm	2.5t	2511	2510-P	1942-S	10-11mm
						2510-P13	1942	12-13mm

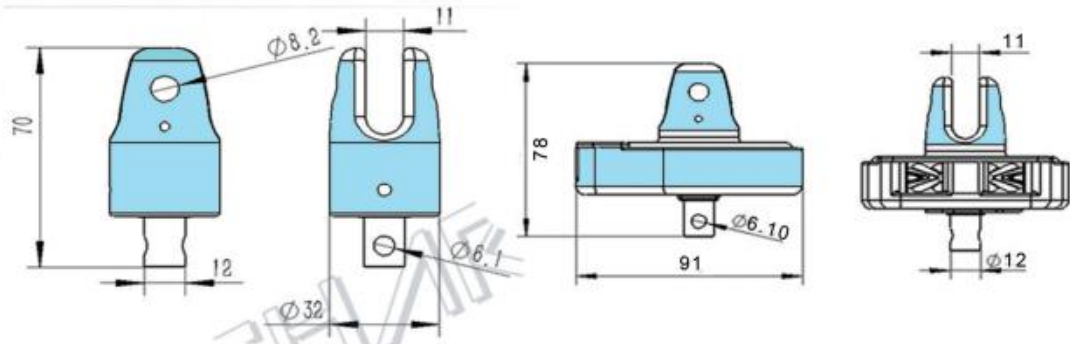


Top-Down furling System

For downwind sailing, true wind angles greater than 90°
For code zero, spinnaker, gennaker.



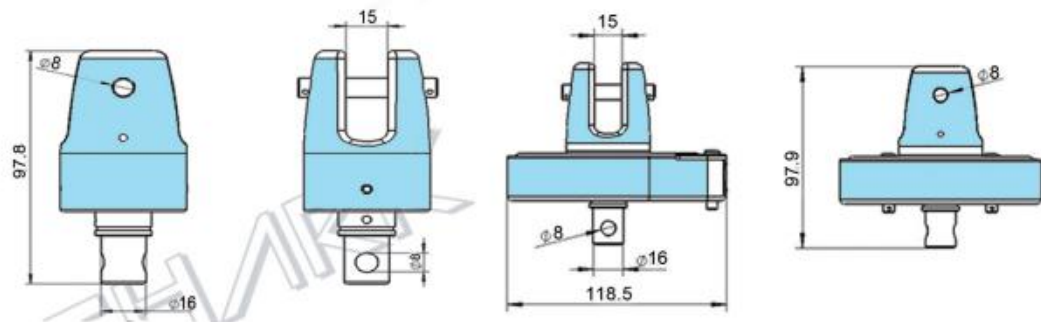
2502-E 2503



Max Working Load 1200KG



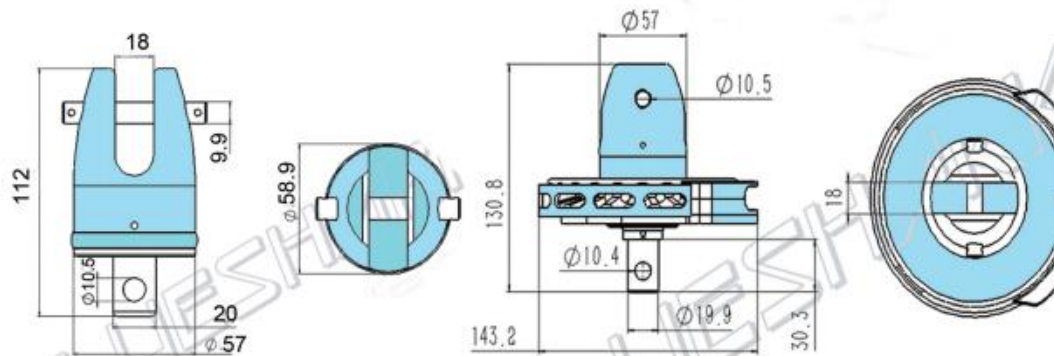
2504-E 2405



Max Working Load 1500KG



2510-E 2511



Max Working Load 2500KG

TOP DOWN FURLING SYSTEM



SERIES	Boat LOA	MAX ROPE ϕ	Sail Area	M.W.L	combine With	Thimble	Rope Clamp	Anti-torsion Rope ϕ
2502-E	7m	8mm	40sqm	1.2t	2503			
2504-E	10m	8mm	80sqm	1.5t	2505	2504-P	1941-S	8-9mm
						2504-P10	1942-S	10-11mm
2510-E	12m	12mm	150sqm	2.5t	2511	2510-P	1942-S	10-11mm
						2510-P13	1942	12-13mm

Furling System

For the jib



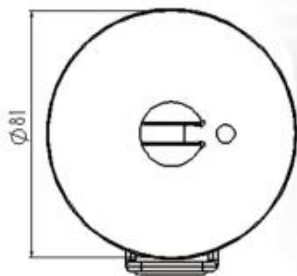
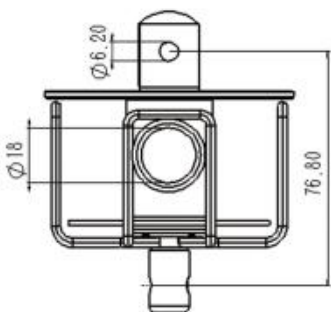
2500

working with **2503**

LOA 5m.

3-5mm rope.

Ceramic balls in low friction coefficient.



2522

working with furler **2505.** & Halyard Swivel **2505-R.**

Aluminum and carbon fiber material

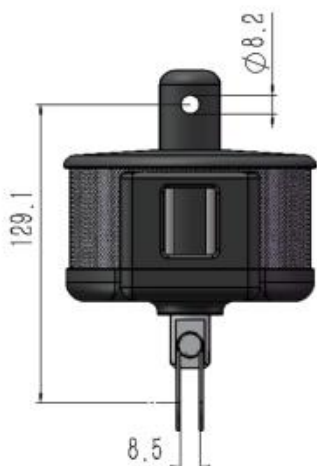
with high strength,

delicacy appearance, longer life.

LOA 8m.

4-8mm rope.

Ceramic balls.



Prevent twisting of the rope



2505-R



Thimble
2504-P
(8mm)

Rope Clamp
1940-S (7.5mm)

2522

2522-H



2504-S

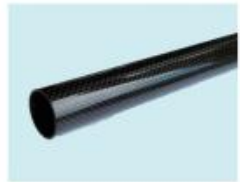


Tiller Extensions

- Aluminum material & Carbon fiber optional, high strength, delicacy appearance, longer life
- Preservative treatment
- Tube Diameter 16mm.
- equip with Universal Joint, allows sailors to hold the extension from any direction for precise steering control.
- Length 24" 41" or 49". Custom length also available.



water absorption resistance



aluminum alloy/carbon fibre tube
Hard anodizing
Corrosion resistant and UV stable



Universal Joint
Smooth, uniform rotation in all directions
Quick, firm response to steering movements



WX100



Part No	Description	Length			Tube Diam.		Grip Diam.		Weight	
		ϕ in	ϕ in	ϕ mm	ϕ in	ϕ mm	ϕ in	ϕ mm	g	oz
100	600mm, aluminum alloy	24	5/8	16	1	26	180	6.3		
101	600mm, carbon fibre	24	5/8	16	1	26	162	5.7		
102	1000mm, aluminum alloy	41	5/8	16	1	26	300	10.6		
103	1000mm, carbon fibre	41	5/8	16	1	26	270	9.5		
104	1200mm, aluminum alloy	49	5/8	16	1	26	360	12.7		
105	1200mm, carbon fibre	49	5/8	16	1	26	324	11.4		



Stanchion-Carbon Fiber



Mid height sleeve

194



190.65

190.75

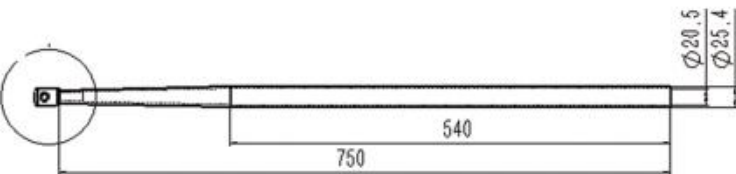
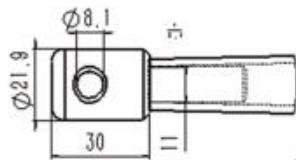
Inner carbon fiber (reinforce)

Max length 1000mm

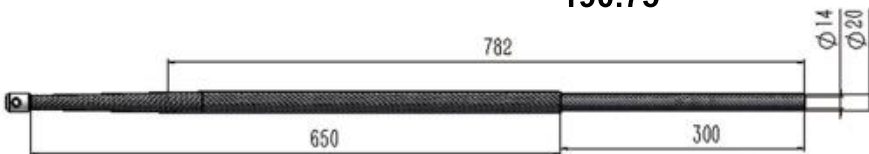
192



- >> Carbon fiber tube with top pieces.
- >> Aluminum alloy sleeve for mid height line optional.
- >> Hardcoat anodizing.
- >> Inner carbon fiber tube optional fitting inside the stanchion base to increase the strength.
- >> Basics working load 80kg, reinforce 120kg



190.75



190.65

192



Stanchion-Mount Furling lead block

An inexpensive yet brilliantly simple solution for leading lines from the foredeck back to the cockpit



2510-H



2510-HJ



2510-HHJ2
block lead&double cam cleat

2510-HJ2
fairlead&double cam cleat

2510-HHJ
blocks lead&cam cleat

2510-HH
block lead

Part No	Description	Sheave		Weight		Max line		Maximum working	
		in	mm	oz	g	in	mm	lb	kg
2510-H	Stanchion-Mount Fairlead	//	//	6.3	180	1/4	10	2425	1100
2510-HJ	Stanchion-Mount Fairlead with cam	//	//	8.8	250	1/4	10	198	90
2510-HH	Stanchion-Mount Fairlead with blocks	2%	57	12.7	360	1/4	10	2425	1100
2510-HHJ	furling lead blocks with cam cleat	2%	57	15.2	430	1/4	10	198	90
2510-HJ2	Stanchion-Mount Fairlead/double cam cleat	//	//	11.2	318	1/4	10	198	90
2510-HHJ2	furling lead blocks/double cam cleat	2%	57	17.6	498	1/4	10	198	90



Thimble&Line Terminator

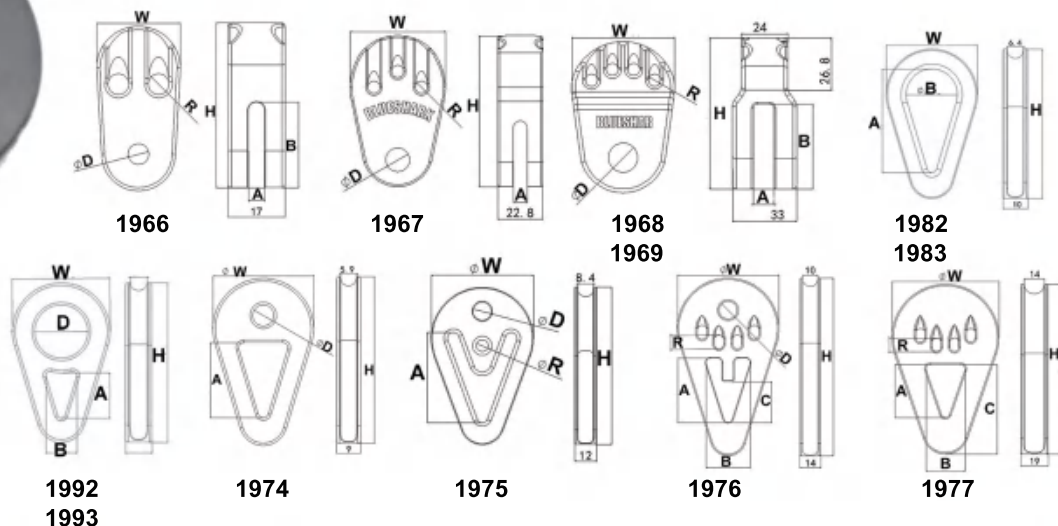


Hardcoat anodizing

Extra large sections for higher strength rating

Made from 6061-T6, Billet Aluminum

High load product using integrated design, aluminum is milled on CNC machine



	A	B	C	D (diameter)	H	R (diameter)	W	Holes	Weight (kg)	Working Load (kg)	Working Load (lbs)
1966	5	25.5	/	6.2	49.2	3.1	25	2	0.03	1406	3100
1967	7	/	/	12	76.3	3.1	48.2	3	0.14	3175	7000
1968	10.5	43.4	/	15	77.4	3.1	52.9	4	0.2	4990	11000
1969	18.4	56.6	/	20	104.5	3.1	69.1	4	0.34	6350	14000
1974	28.3	/	/	7.9	62.9	/	38	/	0.025	1406	3100
1975	49.4	/	/	10	86	6.5	56	/	0.07	2268	5000
1976	43.1	29.5	27.5	12	119	9.3	68	4	0.14	4991	11000
1977	36.9	27.1	62.3	/	118	9.5	74	4	0.25	5443	12000
1982	41.7	20.8	/	/	60.2	/	36.8	/	0.02	1360	3000
1983	58	34	/	/	87	/	58	/	0.05	1814	4000
1992	17.1	11.7	/	20	60.2	/	36.8	/	0.03	1588	3500
1993	25.5	21.1	/	30	87	/	58	/	0.06	2041	4500



Rope Loop&Soft Shackle

Dyneema is an UHMWPE (Ultra High Molecular weight Polyethylene) or HMPE (High Modulus Polyethylene) fibre .At present, it is the most strongest force chemical fiber in the world. Its molecular weight at 100 to 500 million. It has very little stretch, it's lightweight, easy splicable and is UV-resistant. UHMWPE fiber braided rope has been used in many fields instead of wire rope.

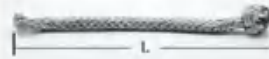


A rope shackle offers a strong lightweight alternative to a metal shackle. These softshackles are easy and quick to attach and are ideal for sheets and halyards.



© Kazushige Nakajima

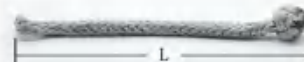
Soft Shackle



Part No	color	Diameter of the Rope (mm)	L (mm)	D (mm)	MWL/kg	Breaking kg
30020-G	grey	3	94	20	380	800
30030-G	grey	3	125	30	380	800
30040-G	grey	3	156	40	380	800
30050-G	grey	3	188	50	380	800
40030-G	grey	4	135	30	650	1600
40040-G	grey	4	167	40	650	1600
40050-G	grey	4	198	50	650	1600
40060-G	grey	4	230	60	650	1600
40070-G	grey	4	261	70	650	1600
50040-G	grey	5	171	40	1000	2200
50050-G	grey	5	208	50	1000	2200
50060-G	grey	5	240	60	1000	2200
50070-G	grey	5	272	70	1000	2200
60050-G	grey	6	220	50	1500	3300
60060-G	grey	6	250	60	1500	3300
60070-G	grey	6	280	70	1500	3300
60080-G	grey	6	313	80	1500	3300
60090-G	grey	6	344	90	1500	3300
80070-G	grey	8	302	70	2500	5100
80080-G	grey	8	334	80	2500	5100
80090-G	grey	8	365	90	2500	5100
80099-G	grey	8	396	100	2500	5100

Part No	color	Diameter of the Rope (mm)	L (mm)	D (mm)	MWL/kg	Breaking kg
30020	black	3	94	20	380	800
30030	black	3	125	30	380	800
30040	black	3	156	40	380	800
30050	black	3	188	50	380	800
40030	black	4	135	30	650	1600
40040	black	4	167	40	650	1600
40050	black	4	198	50	650	1600
40060	black	4	230	60	650	1600
40070	black	4	261	70	650	1600
50040	black	5	171	40	1000	2200
50050	black	5	208	50	1000	2200
50060	black	5	240	60	1000	2200
50070	black	5	272	70	1000	2200
60050	black	6	220	50	1500	3300
60060	black	6	250	60	1500	3300
60070	black	6	280	70	1500	3300
60080	black	6	313	80	1500	3300
60090	black	6	344	90	1500	3300
80070	black	8	302	70	2500	5100
80080	black	8	334	80	2500	5100
80090	black	8	365	90	2500	5100
80099	black	8	396	100	2500	5100

Soft Shackle



Part No	color	Diameter of the Rope (mm)	L (mm)	D (mm)	MWL/kg	Breaking kg
30120-G	grey	3	94	20	380	800
30130-G	grey	3	125	30	380	800
30140-G	grey	3	156	40	380	800
30150-G	grey	3	188	50	380	800
40130-G	grey	4	135	30	650	1600
40140-G	grey	4	167	40	650	1600
40150-G	grey	4	198	50	650	1600
40160-G	grey	4	230	60	650	1600
40170-G	grey	4	261	70	650	1600
50140-G	grey	5	171	40	1000	2200
50150-G	grey	5	208	50	1000	2200
50160-G	grey	5	240	60	1000	2200
50170-G	grey	5	272	70	1000	2200
60150-G	grey	6	220	50	1500	3300
60160-G	grey	6	250	60	1500	3300
60170-G	grey	6	280	70	1500	3300
60180-G	grey	6	313	80	1500	3300
60190-G	grey	6	344	90	1500	3300
80170-G	grey	8	302	70	2500	5100
80180-G	grey	8	334	80	2500	5100
80190-G	grey	8	365	90	2500	5100
80199-G	grey	8	396	100	2500	5100

Part No	color	Diameter of the Rope (mm)	L (mm)	D (mm)	MWL/kg	Breaking kg
30120	black	3	94	20	380	800
30130	black	3	125	30	380	800
30140	black	3	156	40	380	800
30150	black	3	188	50	380	800
40130	black	4	135	30	650	1600
40140	black	4	167	40	650	1600
40150	black	4	198	50	650	1600
40160	black	4	230	60	650	1600
40170	black	4	261	70	650	1600
50140	black	5	171	40	1000	2200
50150	black	5	208	50	1000	2200
50160	black	5	240	60	1000	2200
50170	black	5	272	70	1000	2200
60150	black	6	220	50	1500	3300
60160	black	6	250	60	1500	3300
60170	black	6	280	70	1500	3300
60180	black	6	313	80	1500	3300
60190	black	6	344	90	1500	3300
80170	black	8	302	70	2500	5100
80180	black	8	334	80	2500	5100
80190	black	8	365	90	2500	5100
80199	black	8	396	100	2500	5100

Soft Shackle



Part No	color	Diameter of the Rope (mm)	L (mm)	D (mm)	MWL/kg	Breaking kg
30220-G	grey	3	94	20	380	800
30230-G	grey	3	125	30	380	800
30240-G	grey	3	156	40	380	800
30250-G	grey	3	188	50	380	800
40230-G	grey	4	135	30	650	1600
40240-G	grey	4	167	40	650	1600
40250-G	grey	4	198	50	650	1600
40260-G	grey	4	230	60	650	1600
40270-G	grey	4	261	70	650	1600
50240-G	grey	5	171	40	1000	2200
50250-G	grey	5	208	50	1000	2200
50260-G	grey	5	240	60	1000	2200
50270-G	grey	5	272	70	1000	2200
60250-G	grey	6	220	50	1500	3300
60260-G	grey	6	250	60	1500	3300
60270-G	grey	6	280	70	1500	3300
60280-G	grey	6	313	80	1500	3300
60290-G	grey	6	344	90	1500	3300

Part No	color	Diameter of the Rope (mm)	L (mm)	D (mm)	MWL/kg	Breaking kg
30220	black	3	94	20	380	800
30230	black	3	125	30	380	800
30240	black	3	156	40	380	800
30250	black	3	188	50	380	800
40230	black	4	135	30	650	1600
40240	black	4	167	40	650	1600
40250	black	4	198	50	650	1600
40260	black	4	230	60	650	1600
40270	black	4	261	70	650	1600
50240	black	5	171	40	1000	2200
50250	black	5	208	50	1000	2200
50260	black	5	240	60	1000	2200
50270	black	5	272	70	1000	2200
60250	black	6	220	50	1500	3300
60260	black	6	250	60	1500	3300
60270	black	6	280	70	1500	3300
60280	black	6	313	80	1500	3300
60290	black	6	344	90	1500	3300

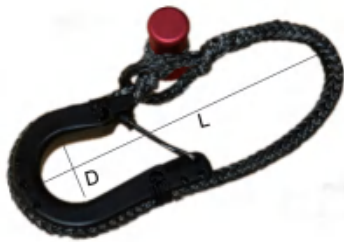
Soft Shackle



Part No	color	Diameter of the Rope (mm)	L (mm)	MWL/kg	Breaking kg
40530-G	grey	4	300	650	1600
40540-G	grey	4	500	650	1600
40550-G	grey	4	700	650	1600
50540-G	grey	5	400	1000	2200
50550-G	grey	5	600	1000	2200
50560-G	grey	5	800	1000	2200
60550-G	grey	6	450	1500	3300
60560-G	grey	6	650	1500	3300
60570-G	grey	6	850	1500	3300
80570-G	grey	8	450	2500	5100
80580-G	grey	8	650	2500	5100
80590-G	grey	8	850	2500	5100

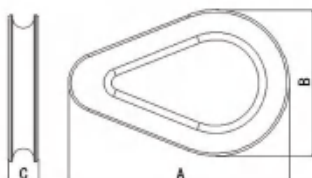
Part No	color	Diameter of the Rope (mm)	L (mm)	MWL/kg	Breaking kg
40530	black	4	300	650	1600
40540	black	4	500	650	1600
40550	black	4	700	650	1600
50540	black	5	400	1000	2200
50550	black	5	600	1000	2200
50560	black	5	800	1000	2200
60550	black	6	450	1500	3300
60560	black	6	650	1500	3300
60570	black	6	850	1500	3300

Hooks With Shackle



Part No	color	Diameter of the Rope (mm)	L (mm)	D (mm)	MWL/kg	Breaking kg
40630	black	4	180	20	650	1600
40640	black	4	223	20	650	1600
40650	black	4	280	20	650	1600
50640	black	5	180	20	1000	2200
50650	black	5	223	20	1000	2200
50660	black	5	280	20	1000	2200
50670	black	5	320	20	1000	2200
60650	black	6	200	25	1500	3300
60660	black	6	250	25	1500	3300
60670	black	6	280	25	1500	3300
60680	black	6	313	25	1500	3300
60690	black	6	344	25	1500	3300

Rings With Shackle



Part No	color	Diameter of the Rope (mm)	A (mm)	B (mm)	C (mm)	D (mm)	MWL/kg	Breaking kg
30700	black	3	60	37	10	45	380	800
30701	black	3	60	37	10	70	380	800
30702	black	3	60	37	10	90	380	800
40700	black	4	60	37	10	55	650	1600
40701	black	4	60	37	10	80	650	1600
40702	black	4	60	37	10	100	650	1600
50700	black	5	60	37	10	60	1000	2200
50701	black	5	60	37	10	90	1000	2200
50702	black	5	60	37	10	110	1000	2200
60700	black	6	87	58	12	70	1500	3300
60701	black	6	87	58	12	100	1500	3300
60702	black	6	87	58	12	120	1500	3300

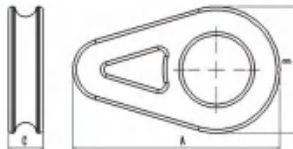
Rings With Shackle



Part No	color	Diameter of the Rope (mm)	D (mm)	D1 (mm)	MWL/kg	Breaking kg
30710	black	3	45	14	380	800
30711	black	3	70	14	380	800
30712	black	3	90	14	380	800
40710	black	4	55	14	650	1600
40711	black	4	80	14	650	1600
40712	black	4	100	14	650	1600

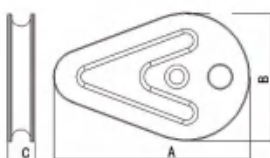
Part No	color	Diameter of the Rope (mm)	D (mm)	D1 (mm)	MWL/kg	Breaking kg
50710	black	5	60	21	1000	2200
50711	black	5	90	21	1000	2200
50712	black	5	110	21	1000	2200
60710	black	6	70	21	1500	3300
60711	black	6	100	21	1500	3300
60712	black	6	120	21	1500	3300

Rings With Shackle



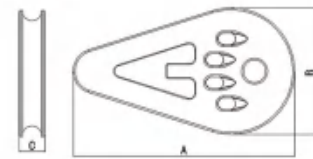
Part No	color	Diameter of the Rope (mm)	A (mm)	B (mm)	C (mm)	D (mm)	MWL/kg	Breaking kg
30720	black	3	60	37	10	45	380	800
30721	black	3	60	37	10	70	380	800
30722	black	3	60	37	10	90	380	800
40720	black	4	60	37	10	55	650	1600
40721	black	4	60	37	10	80	650	1600
40722	black	4	60	37	10	100	650	1600
50720	black	5	60	37	10	60	1000	2200
50721	black	5	60	37	10	90	1000	2200
50722	black	5	60	37	10	110	1000	2200

Rings With Shackle



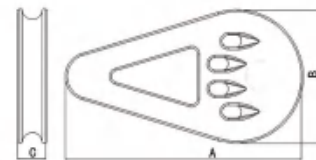
Part No	color	Diameter of the Rope (mm)	A (mm)	B (mm)	C (mm)	D (mm)	MWL/kg	Breaking kg
50730	black	5	87	58	12	70	1000	2200
50731	black	5	87	58	12	100	1000	2200
50732	black	5	87	58	12	120	1000	2200
60730	black	6	87	58	12	70	1500	3300
60731	black	6	87	58	12	100	1500	3300
60732	black	6	87	58	12	120	1500	3300

Rings With Shackle



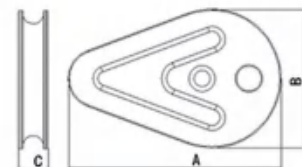
Part No	color	Diameter of the Rope (mm)	A (mm)	B (mm)	C (mm)	D (mm)	MWL/kg	Breaking kg
60740	black	6	118	68	14	80	1500	3300
60741	black	6	118	68	14	110	1500	3300
60742	black	6	118	68	14	130	1500	3300
80740	black	8	118	68	14	80	2500	5100
80741	black	8	118	68	14	110	2500	5100
80742	black	8	118	68	14	130	2500	5100

Rings With Shackle



Part No	color	Diameter of the Rope (mm)	A (mm)	B (mm)	C (mm)	D (mm)	MWL/kg	Breaking kg
80750	black	8	118	74	19	80	2500	5100
80751	black	8	118	74	19	110	2500	5100
80752	black	8	118	74	19	130	2500	5100
100750	black	10	118	74	19	80	3700	7500
100751	black	10	118	74	19	110	3700	7500
100752	black	10	118	74	19	130	3700	7500

Rings With Loop



Part No	color	Diameter of the Rope (mm)	A (mm)	B (mm)	C (mm)	L (mm)	MWL/kg	Breaking kg
50830	black	5	87	58	12	130	1000	2200
50831	black	5	87	58	12	150	1000	2200
50832	black	5	87	58	12	170	1000	2200
60830	black	6	87	58	12	130	1500	3300
60831	black	6	87	58	12	150	1500	3300
60832	black	6	87	58	12	170	1500	3300

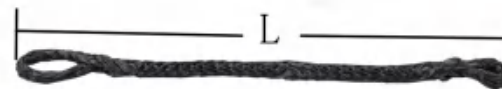
Rope Loop



Part No	color	Diameter of the Rope (mm)	L (mm)	MWL/kg	Breaking g kg
30320-G	grey	3	135	380	800
30330-G	grey	3	200	380	800
30340-G	grey	3	250	380	800
40330-G	grey	4	135	650	1600
40340-G	grey	4	200	650	1600
40350-G	grey	4	250	650	1600
40360-G	grey	4	300	650	1600
50340-G	grey	5	200	1000	2200
50350-G	grey	5	250	1000	2200
50360-G	grey	5	300	1000	2200
50370-G	grey	5	350	1000	2200
60350-G	grey	6	250	1500	3300
60360-G	grey	6	300	1500	3300
60370-G	grey	6	350	1500	3300
60380-G	grey	6	400	1500	3300
80370-G	grey	8	280	2500	5100
80380-G	grey	8	350	2500	5100
80390-G	grey	8	400	2500	5100
80399-G	grey	8	450	2500	5100

Part No	color	Diameter of the Rope (mm)	L (mm)	MWL/kg	Breaking kg
30320	black	3	135	380	800
30330	black	3	200	380	800
30340	black	3	250	380	800
40330	black	4	135	650	1600
40340	black	4	200	650	1600
40350	black	4	250	650	1600
40360	black	4	300	650	1600
50340	black	5	200	1000	2200
50350	black	5	250	1000	2200
50360	black	5	300	1000	2200
50370	black	5	350	1000	2200
60350	black	6	250	1500	3300
60360	black	6	300	1500	3300
60370	black	6	350	1500	3300
60380	black	6	400	1500	3300
80370	black	8	280	2500	5100
80380	black	8	350	2500	5100
80390	black	8	400	2500	5100
80399	black	8	450	2500	5100

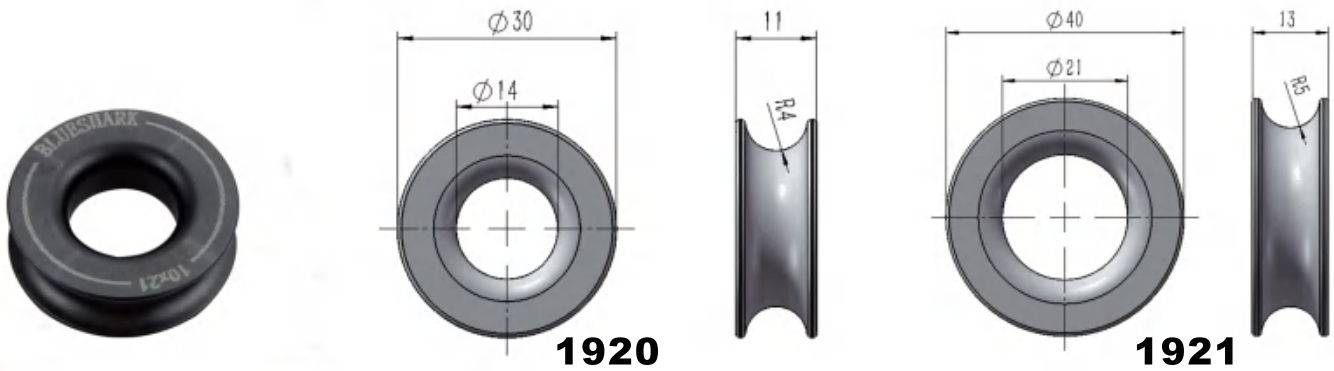
Rope Loop



Part No	color	Diameter of the Rope (mm)	L (mm)	MWL/kg	Breaking g kg
30420-G	grey	3	135	380	800
30430-G	grey	3	200	380	800
30440-G	grey	3	250	380	800
40430-G	grey	4	135	650	1600
40440-G	grey	4	200	650	1600
40450-G	grey	4	250	650	1600
40460-G	grey	4	300	650	1600
50440-G	grey	5	200	1000	2200
50450-G	grey	5	250	1000	2200
50460-G	grey	5	300	1000	2200
50470-G	grey	5	350	1000	2200
60450-G	grey	6	250	1500	3300
60460-G	grey	6	300	1500	3300
60470-G	grey	6	350	1500	3300
60480-G	grey	6	400	1500	3300
80470-G	grey	8	280	2500	5100
80480-G	grey	8	350	2500	5100
80490-G	grey	8	400	2500	5100
80499-G	grey	8	450	2500	5100

Part No	color	Diameter of the Rope (mm)	L (mm)	MWL/kg	Breaking kg
30420	black	3	135	380	800
30430	black	3	200	380	800
30440	black	3	250	380	800
40430	black	4	135	650	1600
40440	black	4	200	650	1600
40450	black	4	250	650	1600
40460	black	4	300	650	1600
50440	black	5	200	1000	2200
50450	black	5	250	1000	2200
50460	black	5	300	1000	2200
50470	black	5	350	1000	2200
60450	black	6	250	1500	3300
60460	black	6	300	1500	3300
60470	black	6	350	1500	3300
60480	black	6	400	1500	3300
80470	black	8	280	2500	5100
80480	black	8	350	2500	5100
80490	black	8	400	2500	5100
80499	black	8	450	2500	5100

Aluminum Web Tie Sheave



Rings With Loop



Part No	color	Diameter of the Rope (mm)	L (mm)	D1 (mm)	MWL/kg	Breaking kg
30800-1	black	3	100	14	380	800
30801-1	black	3	120	14	380	800
30802-1	black	3	140	14	380	800
40800-1	black	4	110	14	650	1600
40801-1	black	4	130	14	650	1600
40802-1	black	4	150	14	650	1600
50800-1	black	5	120	21	1000	2200
50801-1	black	5	140	21	1000	2200
50802-1	black	5	160	21	1000	2200
60800-1	black	6	130	21	1500	3300
60801-1	black	6	150	21	1500	3300
60802-1	black	6	170	21	1500	3300
60803-1	black	6	400	21	1500	3300

Rings With Loop



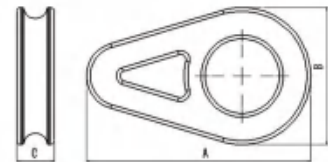
Part No	color	Diameter of the Rope (mm)	L (mm)	D1 (mm)	MWL/kg	Breaking kg	Part No	color	Diameter of the Rope (mm)	L (mm)	D1 (mm)	MWL/kg	Breaking kg
30800	black	3	100	14	380	800	50800	black	5	120	21	1000	2200
30801	black	3	120	14	380	800	50801	black	5	140	21	1000	2200
30802	black	3	140	14	380	800	50802	black	5	160	21	1000	2200
40800	black	4	110	14	650	1600	60800	black	6	130	21	1500	3300
40801	black	4	130	14	650	1600	60801	black	6	150	21	1500	3300
40802	black	4	150	14	650	1600	60802	black	6	170	21	1500	3300

Rings With Loop



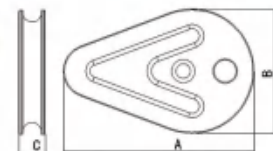
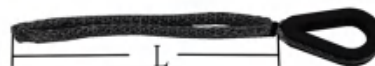
Part No	color	Diameter of the Rope (mm)	A (mm)	B (mm)	C (mm)	L (mm)	MWL/kg	Breaking kg
30810	black	3	60	37	10	100	380	800
30811	black	3	60	37	10	120	380	800
30812	black	3	60	37	10	140	380	800
40810	black	4	60	37	10	110	650	1600
40811	black	4	60	37	10	130	650	1600
40812	black	4	60	37	10	150	650	1600
50810	black	5	60	37	10	120	1000	2200
50811	black	5	60	37	10	140	1000	2200
50812	black	5	60	37	10	160	1000	2200
60810	black	6	87	58	12	130	1500	3300
60811	black	6	87	58	12	150	1500	3300
60812	black	6	87	58	12	170	1500	3300

Rings With Loop



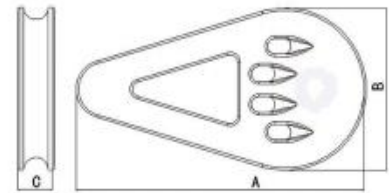
Part No	color	Diameter of the Rope (mm)	A (mm)	B (mm)	C (mm)	L (mm)	MWL/kg	Breaking kg
30820	black	3	60	37	10	100	380	800
30821	black	3	60	37	10	120	380	800
30822	black	3	60	37	10	140	380	800
40820	black	4	60	37	10	110	650	1600
40821	black	4	60	37	10	130	650	1600
40822	black	4	60	37	10	150	650	1600
50820	black	5	60	37	10	120	1000	2200
50821	black	5	60	37	10	140	1000	2200
50822	black	5	60	37	10	160	1000	2200

Rings With Loop



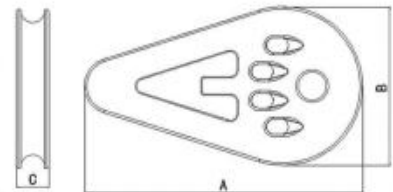
Part No	color	Diameter of the Rope (mm)	A (mm)	B (mm)	C (mm)	L (mm)	MWL/kg	Breaking kg
50830	black	5	87	58	12	130	1000	2200
50831	black	5	87	58	12	150	1000	2200
50832	black	5	87	58	12	170	1000	2200
60830	black	6	87	58	12	130	1500	3300
60831	black	6	87	58	12	150	1500	3300
60832	black	6	87	58	12	170	1500	3300

Rings With Rope Loop



Part No	color	Diameter of the Rope (mm)	A (mm)	B (mm)	C (mm)	L (mm)	MWL/kg	Breaking kg
80850	black	8	118	74	19	140	2500	5100
80851	black	8	118	74	19	160	2500	5100
80852	black	8	118	74	19	180	2500	5100
100850	black	10	118	74	19	140	3700	7500
100851	black	10	118	74	19	160	3700	7500
100852	black	10	118	74	19	180	3700	7500

Rings With Rope Loop



Part No	color	Diameter of the Rope (mm)	A (mm)	B (mm)	C (mm)	L (mm)	MWL/kg	Breaking kg
60840	black	6	118	68	14	130	1500	3300
60841	black	6	118	68	14	150	1500	3300
60842	black	6	118	68	14	170	1500	3300
80840	black	8	118	68	14	130	2500	5100
80841	black	8	118	68	14	150	2500	5100
80842	black	8	118	68	14	170	2500	5100



Soft Padeyes



1925 1925L

- * 4-6mm Dyneema rope
- * 1925M waterproof
- *Max deck thickness
20mm(1925)
40mm(1925L)



1925M

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Working Load
1925	56	20	27	40	12	2000kg
1925L	56	40	27	40	12	2000kg



1926 1926-L

- * 6mm Dyneema rope
- * 1926M waterproof
- *Max deck thickness
20mm(1926)
40mm(1926L)



1926M



Water proof cover, simple installation.

	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Rope	Working Load
1926	56	20	27	40	12	M6	2000kg
1926L	56	40	27	40	12	M6	2000kg

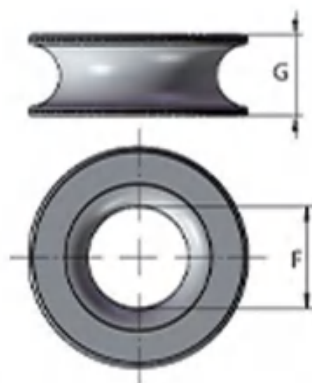


1927 1927L
1928 1928L

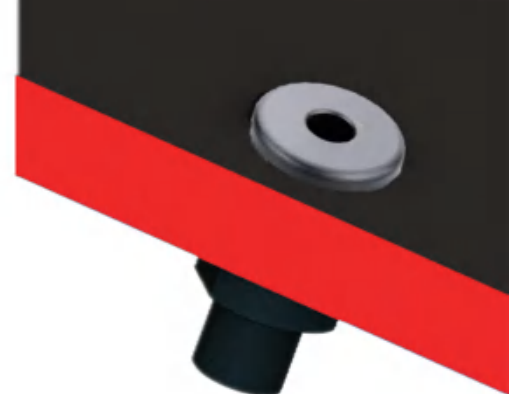
- * 5-6mm Dyneema rope
- * 1928M waterproof
- *Max deck thickness
20mm(1927,1928)
40mm(1927L,1928L)



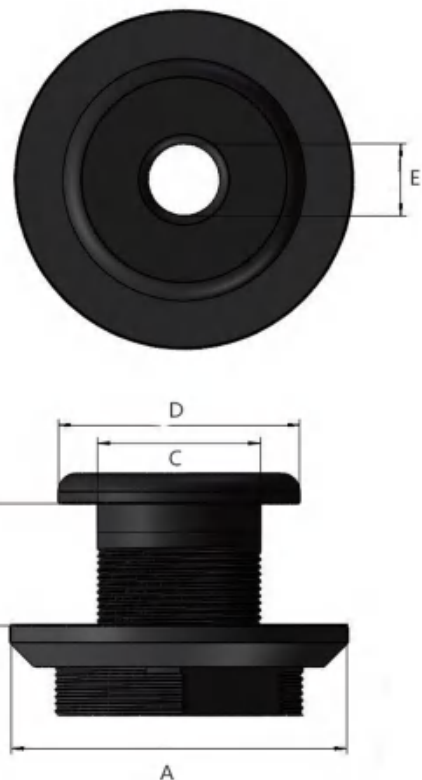
1928M



	A (mm)	B (mm)	C (mm)	D (mm)	F (mm)	G (mm)	Working Load
1927	56	20	27	40	14	11	1200kg
1927L	56	40	27	40	14	11	1200kg
1928	56	20	27	40	21	13	2000kg
1928L	56	40	27	40	21	13	2000kg



*Simple, lightweight and easy change
 *Aluminum is milled on a CNC machine
 *The high quality aviation aluminum used and special surface processing. offer's double protection, i.e. inside prevention of corrosion caused by sea water, and outside guaranteeing UV protection and scratch resistance with low friction coefficient.





Soft Padeyes



1929 1929L

- * 5-6mm Dyneema rope
- * 1929M waterproof
- *Max deck thickness
20mm(1929)
40mm(1929L)



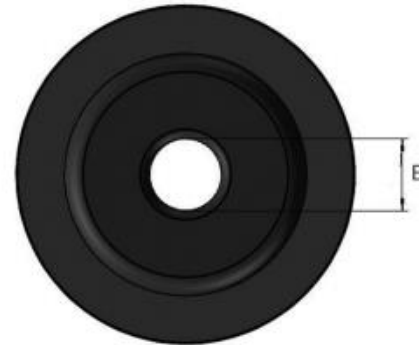
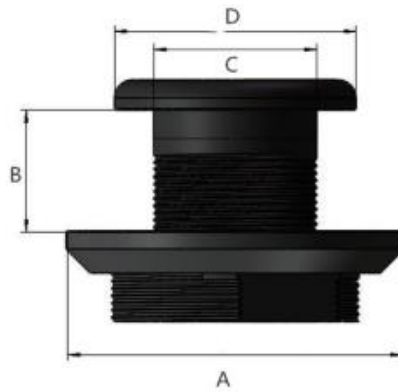
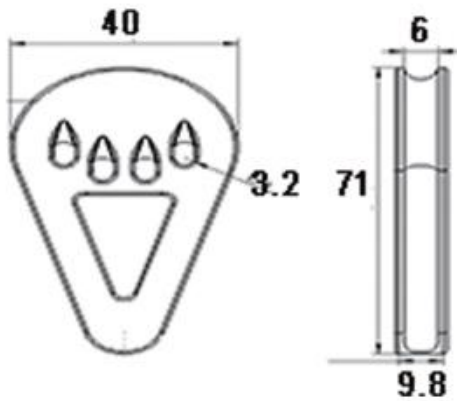
1929M

*Simple, lightweight and easy change
*Aluminum is milled on a CNC machine.
*The high quality aviation aluminum used and special surface processing. offer's double protection, i.e. inside prevention of corrosion caused by sea water, and outside guaranteeing UV protection and scratch resistance with low friction coefficient.

	A (mm)	B (mm)	C (mm)	D (mm)	Working Load
1929	56	20	27	40	2000kg
1929L	56	40	27	40	2000kg



Water proof cover, simple installation.





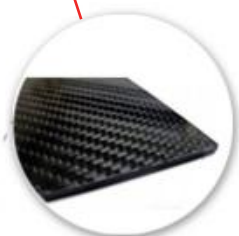
Rope Clutch

Carbon fiber

ClassGlobe580



Soft grip end



Carbon fibre material delicacy appearance.

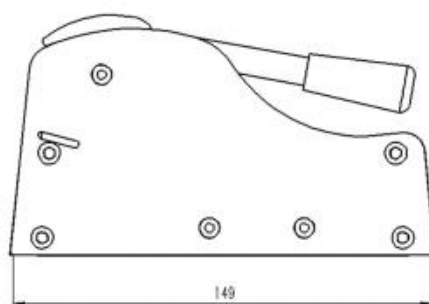
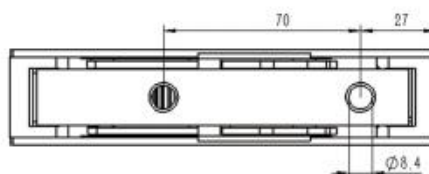


3211



3212

- Carbon fibre material with high strength,
- delicacy appearance, longer working life
- high load lines controlling.
- Easy access handle for effortless release
- Rope Range 6mm - 12mm,



Part No	Description	Line ϕ		Safe working load		Weight	
		Min	Max	lb	kg	oz	g
3210	Single/Carbon fiber	1/4	1/2	2645	1200	20.1	570
3211	Double/Carbon fiber	1/4	1/2	2645	1200	40.2	1140
3212	Triple/Carbon fiber	1/4	1/2	2645	1200	60.3	1710

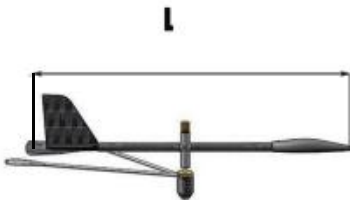
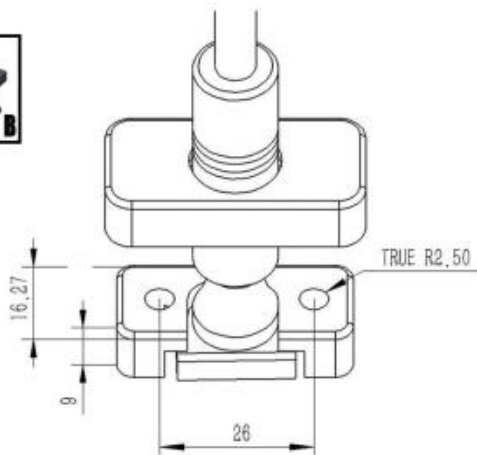


Wind Indicator

Sensitive Bearing



- Reference Tabs adjustable.
- Mounting on the side, top or front of the mast.
- Variety mounting options, suitable for various boat LOA(2m-20m).
- Material: Carbon fiber, Aluminium and POM Material.
- Color: Black.
- Bird-proof: Yes.



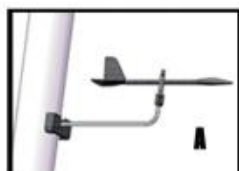
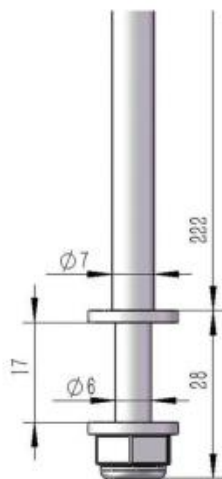
Reference Tabs



Horizontal



Vertical



A



B

FXB-250-A/B
boat LOA 2-4m
FXB-460-C/D
boat LOA 5-12m

FXB-360-A/B
boat LOA 3-6m
FXB-510-C/D
boat LOA 10-15m

FXB-250-A
horizontal
L: 250mm
A: Product Installment

FXB-250-B
vertical
L: 250mm
B: Product Installment

FXB-360-A
vertical
L: 360mm
A: Product Installment

FXB-360-B
horizontal
L: 360mm
B: Product Installment

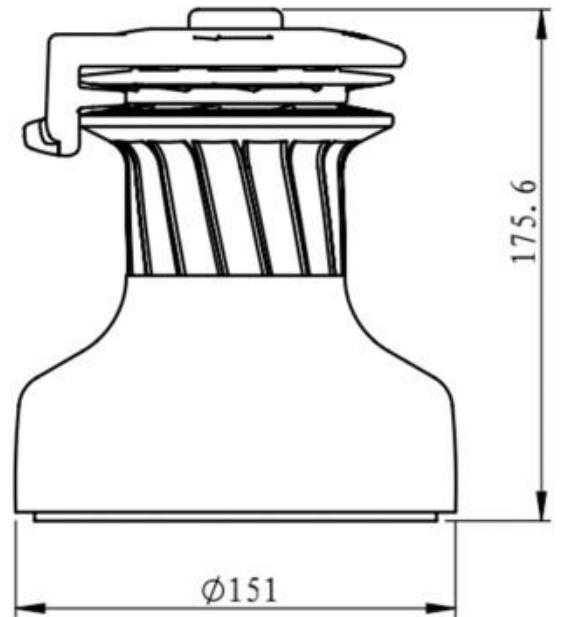
FXB-460-C
vertical
L: 460mm
C: Product Installment

FXB-460-D
vertical
L: 460mm
D: Product Installment

FXB-510-C
vertical
L: 510mm
C: Product Installment

FXB-510-D
vertical
L: 510mm
D: Product Installment

Two-Speed Aluminum Self-Tailing Winch



- **Self-Tailing:** an intuitive cast stainless steel top mounted feeder arm to prevent rope traps and guide the line onto a gripping wave spring jaw
- **Two-Speed:** can be operated two ways, Clock wise has a 1.9:1 gear ratio. Anti-clockwise has a 5.8:1 gear ratio
- Safe Working load 650KG
- Rope 8mm-12mm
- Made of 6061T6 aluminum alloy with hardcoating anodized which is twice as thick as black anodizing to provide double protection, corrosion resistance to air and salt water.



Deel.Ru

<https://deel.ru/shop/doc/blueshark/>

