Harken Innovative Sailing Solutions Available From www.torresen.com

Pinstop Jib Leads

Dinghy

These easy-to-adjust cars combine a spring-loaded pinstop with precise track spacing. Use on dinghies and small sport boats with jibs up to 140 ft² (13 m²). Car and track are built of tough 6061-T6 aluminum that is Hardkote-anodized black with Teflon[®] impregnation for durability.

The 450 pinstop jib lead has a removable bail to attach a spring and block. The 452 bullseye lead has a controlled pivot angle so the cleat is always within easy reach. Use 451 bullseye cars when line deflection is small.

Small Boat

Spring loaded pinstop cars offer two lead solutions for small keel boats from 22 ft to 27 ft (6 to 8 m).

The 2750 is for racers like the J/80 or Melges 24. Attach lightweight 57 or 75 mm Carbo blocks. Combine with 370 stand-up boot or use the 57 mm Ti-Lite.

The 393 genoa lead uses an axle bearing sheave. The sheave carrier pivots to accept unfair leads. Removable stop limits

Carbo-Cam® with 57-degree rotation keeps line within reach

Radiused edges on Bullseye fairlead protects line

Track bottom relieved to accept curved spars

Lightweight aluminum cam arm

452P 452S

231-759-8596

365 Carbo-Cam[®] for precise line entry

Forresen Marine,inc.



Part		Length		Width		Height		Weight		Sate working load		Breaking		
No.	Description	in	mm	in	mm	in	mm	0Z	g	lb	kg	lb	kg	Track
450	Dinghy jib lead/bail/pinstop	25/8	67	¹⁵ / ₁₆	23	1 ¹ / ₁₆	27	2	55	350	159	700	318	453
451	Dinghy jib lead/bullseye/pinstop	25/8	67	¹⁵ / ₁₆	23	1 ¹³ / ₁₆	46	3	77	250	113	500	227	453
452P	Dinghy jib lead/bullseye/swivel/365 Carbo-Cam [®] (Port)	3 ¹ / ₈	79	37/16	87	27/16	62	7	194	250	113	500	227	453
452S	Dinghy jib lead/bullseye/swivel/365 Carbo-Cam® (Stbd)	3 ¹ / ₈	79	37/16	87	27/16	62	7	194	250	113	500	227	453
393P	Small Boat jib lead/tang (Port)	33/4	95	2 ¹ / ₁₆	52	4	102	18.4	522	1250	567	2500	1134	2751
393S	Small Boat jib lead/tang (Stbd)	33/4	95	2 ¹ / ₁₆	52	4	102	18.4	522	1250	567	2500	1134	2751
2750	Small Boat jib lead/pinstop	37/16	87.5	1 5/16	33	13/8	34	4.6	130	1100	500	2200	1000	2751

Track

Part		Length		Mounting hole spacing		Weight		Fasteners (FH)			
No.	Description	ft/in	m	in .	mm	0Z	g	in	mm	Endstop	Trim cap
453.12	Dinghy low-beam/pinstop holes*	11 ¹¹ / ₁₆ "	.3	3	76	1.5	43	#10	5	_	_
453.15	Dinghy low-beam/pinstop holes*	1 4 ¹¹ / ₁₆ "	.37	3	76	1.8	52	#10	5	—	_
453.18	Dinghy low-beam/pinstop holes*	1 7 ¹¹ / ₁₆ "	.45	3	76	2.3	65	#10	5	—	_
453.24	Dinghy low-beam/pinstop holes*	2311/16"	.6	3	76	3.1	87	#10	5	—	—
2751.600mm	Small Boat low-beam/pinstop holes**	1'115/8"	.6	315/16	100	8.9	252	#10	5	173/263/446	2722
2751.1m	Small Boat low-beam/pinstop holes**	3'33/8"	1	315/16	100	14.8	420	#10	5	173/263/446	2722
2751.1.5m	Small Boat low-beam/pinstop holes**	4'11 ¹ /16"	1.5	315/16	100	22.2	629	#10	5	173/263/446	2722
2751.2m	Small Boat low-beam/pinstop holes**	6'6 ³ /4"	2	315/16	100	29.6	838	#10	5	173/263/446	2722
2751.3.6m	Small Boat low-beam/pinstop holes**	11'93/4"	3.6	315/16	100	53.3	1510	#10	5	173/263/446	2722

*1st hole 13/8" (34 mm) **1st hole 50 mm (115/16")