

Ordering Jib Reefing & Furling

1. Choose Furler Type

The table below is based on sailing style and approximate boat size.

This table is only a guideline. Do not use it to determine unit size.

Size is based on the headstay and clevis pin diameters listed on unit pages.

Comparison Chart

	MKIV Racers/performance cruisers	ESP Cruisers
Note: Typical boat lengths are listed as a guideline but are not the determining factor. Check with Harken if your length varies.		
Typical boat lengths	Unit 0: 6.5 – 9.1 m (22 – 30') Unit 1: 8.5 – 11 m (28 – 36') Unit 2: 10 – 14.2 m (35 – 46') Unit 3: 13.7 – 18.3 m (45 – 60') Unit 4: 19.8 – 24.4 m (65 – 80')	Unit 0: 6 – 8.5 m (20 – 28') Unit 1: 8 – 10.7 m (26 – 35') Unit 2: 10.4 – 14 m (34 – 46') Unit 3: 13.7 – 18.6 m (45 – 61')
Foils	Double-groove Air foil Stainless steel feeder	Single-groove round foil Stainless steel feeder
Halyard and tack swivel	Independent swivels for improved sail shape	Fixed
Drum	Removable split drum for racing	Fixed
Line	Included on Units 0, 1, 2	Not included

2. Determine Unit Size

Size is based on the headstay and clevis pin diameters listed on unit pages.

Choose between unit sizes when diameters are shared by considering stay length and typical boat size recommendations. Contact Harken if you have any questions.

3. Determine if Additional Foils Needed

Use the I and J measurements to determine the length of the headstay. If the existing headstay is longer than the standard length listed under Headstay Length on unit pages, order additional foils and connectors. In some cases one or two extra foils and connectors may be necessary.

4. Determine Toggle, Link Plate, or Leg Kit

Use short toggle (MKIV) or short leg kits (ESP) for maximum luff length. For ESP, use long or medium leg kits to accommodate a turnbuckle or to clear an anchor.

5. Choose Lead Block Kit and Accessories, ESP - Order Line

Harken recommends equipping every furling system with a ratchet lead block kit.

Other parts on the **Furling Accessories** page (207 - 208) include equipment for halyard management and racing hardware for faster sail changes. Order line for ESP furlers.

6. Prepare Sail and Headstay

Have a luff tape added to your genoa. Match the sail length to the stay length minus the height of the halyard swivel and lower unit. See sizing information on page 196.

All MKIV and those ESP furlers with long or medium leg kits install over the existing turnbuckle. The turnbuckle is accessible for adjustment by raising the drum. See the **MKIV & ESP Toggle & Rigging Options** on page 197 to determine toggle and rigging requirements. Some headstays will require cutting and shortening to fit Harken toggle. Sometimes only the lower threaded turnbuckle fitting needs changing. Check with a professional rigger on stay condition before reusing stay.

For all units, rod rigging requires a Harken rod adapter stud. It must be cut and coldheaded by an authorized rod service center.

7. Contact

If you have questions, please contact your dealer or Harken Technical Service.

