#### Harken Innovative Sailing Solutions Available From www.torresen.com



Headboard Car Assemblies

Slider Cars

# System B

## NEW: 3852, 3856, 3857, 3559, 3860, 3861, 3862, 3863

The one-piece solid aluminum construction is lightweight and strong. Cars and headboard plates are deep-saturation Hardkote anodized and Teflon® impregnated for durability. UV stabilized with black additive for maximum protection. Both CB and Slider Battcar systems use the same track. Mix and match sliders and ball bearing cars for optimal performance and cost.

#### **CB** Cars

The free-rolling ball bearing cars let you hoist and reef the main quickly on all points of sail. The quick-release button lets you easily load and remove the mainsail. Stainless steel wire guides keep the balls captive when the car is off the track.

### Web-On Headboard Plates

Aluminum web-on headboard plates are easy for sailmakers to install. Plates have radiused edges to protect the sail and fit 1 in (25 mm) webbing strap. Holes threaded into plates accept 416 cheek blocks for leech line. Web-on plates are required for the 3852 System B CB headboard car. Sold separately.

#### **Slider Cars**

Slider Battcars offer a lightweight, cost effective way to raise, reef, and douse mainsails. Hardkoteanodized aluminum cars slide on low-friction plastic inserts. The compact car size translates into reduced weight and stack height. ball bearings

Battcars use high-

strength Torlon®

**CB Ball Bearing Cars** 

Captive balls make cars easy to load and maintain. Wire guides circulate bearings smoothly

Captive pin features a quickrelease button to remove sail quickly, while allowing car to remain on the mast





Intermediate Cars





Batten Cars









Max headboard Safe Width Weight working load Part Lenath thickness Description No. in mm in mm oz in mm lb kg CB Cars: Typical Boat Length: Monohulls 50 - 60 ft (15.2 - 18.3 m); Multihulls 40 - 50 ft (12.2 - 15.2 m) Headboard car assembly 10<sup>1</sup>/2 1450 3852 39.2 1111 12 3200 267 **2**<sup>3</sup>/<sub>4</sub> 70 7/16 Intermediate car 3863 2<sup>9</sup>/16 23/4 70 180 524 238 68 6 Battcar/10mm Stud\* 3856 45/16 109 **2**<sup>3</sup>/<sub>4</sub> 70 12 340 1260 571 3857 Battcar/12mm Stud\*\* 45/16 109 **2**<sup>3</sup>/<sub>4</sub> 70 12.8 363 1260 571 Universal Battcar\*\* 3859 45/16 109 **2**<sup>3</sup>/<sub>4</sub> 70 10.4 295 1260 571 Reef Car **2**<sup>3</sup>/<sub>4</sub> 70 12 3860 5<sup>3</sup>/16 132 340 1600 725 3861 Web-on headboard plate **6**<sup>3</sup>/<sub>4</sub> 172 6<sup>3</sup>/8 161 10.3 292 6<sup>3</sup>/16 317 3862 Web-on headboard plate/round 513/16 148 157 11.2 Slider Cars; Typical Boat Length; Monohulls 50 - 60 ft (15.2 - 18.3 m); Multihulls 40 - 50 ft (12.2 - 15.2 m) 420 3200 3833 Headboard car assembly 71/ 190 111/1 42 14.8 <sup>9</sup>/16 16 1450 2<sup>3</sup>/16 42 2.9 3836 Intermediate Car 56 **1**<sup>11</sup>/<sub>16</sub> 82 1260 570 3834 Battcar/10mm stud\* 2<sup>3</sup>/16 56 **1**<sup>11</sup>/<sub>16</sub> 42 4.5 128 1260 570 Battcar/12mm stud\*\* **1**<sup>11</sup>/<sub>16</sub> 3835 2<sup>3</sup>/16 56 42 4.9 140 1260 570

See page 43 for replacement balls \*\*Batten receptacle not included