Spars, Rigging, and Hardware for Sailboats

Rig-Rite, Inc.
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Boom Outhaul Slides for Integral Track

Outhaul Slides & Cars for Booms with an Integral Track

For 1/2" Boltrope Groove

For 3/4" Internal Flat Track
For 7/8" Internal Flat Track
For 15/16" Internal Flat Track
For 1" Internal Flat Track

Outhaul Cars for Isomat Booms
Outhaul Cars for Francespar & Sparcraft Booms

See also: Outhaul Slides & Cars for Booms with an Add-on Track

Outhaul Slides for 1/2" Boltrope Groove

Simple Outhaul Slide for Boltrope Groove: Sch 95-02X:
Simple SS Outhaul Slide has formed body and 1/4" welded loop with 3/4" ID for attachment of clew and outhaul pennant. Slide fits Kenyon B, D, and E Boom Sections, and other Boom Sections with a boltrope groove that is 9/16" ID or larger. Slide is 1 1/2" long x (maximum) 1 5/8" high. # sc254

Sch 95-02X

Low-profile Outhaul Slide for Boltrope Groove: PP 95-03BE:
Heavy-duty Cast Bronze Outhaul Slide has slot (7/8" x 3/16") for attachment of webbing or shackle, and black epoxy coating to reduce friction. Slide has slot (7/8" x 3/16") for attachment of webbing or shackle. Slide fits all Boom Sections with a boltrope groove that is 9/16" ID or larger. Slide is 3" long x (maximum) 1 1/16" high.

Outhaul Slide for Boltrope Groove: RR 95-05:
Simple SS Outhaul Slide features welded Tab with 3/8" x 1" slot for attachment of clew shackle and outhaul pennant or block. Slide fits all Boom Sections with a boltrope groove that is 9/16" ID or larger. Slide is 2 3/4" long x (maximum) 1/2" wide and 1 1/2" high.

RR 95-05

Outhaul Slide for Boltrope Groove: Sch 95-11X:
Simple SS Outhaul Slide features welded triangular Tab with 3/8"
hole for clew attachment and welded eye for attachment of outhaul
pennant. Slide fits all Boom Sections with a boltrope groove that is
9/16" ID or larger. Slide is 2 1/2" long x (maximum) 1/2" wide and
2" high.

Outhaul Slide w/ Key Pin for Boltrope Groove: Sch 95-22X:
Light-duty Outhaul Slide features channel with 1/4" captive Key Pin
for clew attachment, and a welded SS Eye for attachment of
Outhaul line or Block. Slide body is formed SS with welded Eye and
1/2" ID channel for Clew. Slide fits all Boom Sections with a
boltrope groove that is 7/16" ID or larger. Slide is 2 1/2" long x
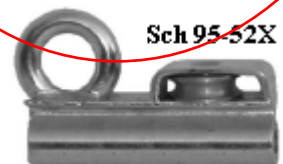(maximum) 3/4" wide and 2" high.

Outhaul Slide w/ Key Pin for Boltrope Groove: Sch 95-21X:
Light-duty Outhaul Slide features channel with 1/4" captive Key Pin
for clew attachment, and a welded SS Eye for attachment of
Outhaul line or Block. Slide body is formed SS with welded Eye and
1/2" ID channel for Clew. Slide fits all Boom Sections with a
boltrope groove that is 9/16" ID or larger. Slide is 2 1/2" long x
(maximum) 5/8" wide and 2 5/8" high. ***

Outhaul Slide w/ Sheave for Boltrope Groove: Sch 95-52X:
Outhaul Slide features welded eye for clew attachment, and 3/4"
diameter SS Sheave for a 2-part purchase using up to a 1/8" wire
pennant. When additional purchase is not desired, sheave can be
used for direct attachment of outhaul pennant. Slide body is formed
SS with welded sheave cage and welded Eye for Clew. Slide fits all
Boom Sections with a boltrope groove that is 9/16" ID or larger.
Slide is 2 1/2" long x 3/4" wide, and 2 1/2" (maximum) high.

Outhaul Slide w/ Sheave for Boltrope Groove: Sch 95-53X:
Outhaul Slide features channel with 1/4" captive Key Pin for clew
attachment, and 3/4" diameter SS Sheave for a 2-part purchase using
up to a 1/8" wire pennant. When additional purchase is not desired,
sheave can be used for direct attachment of outhaul pennant. Slide
body is formed SS with welded sheave cage and 5/8" ID channel for
Clew. Slide fits all Boom Sections with a boltrope groove that is
9/16" ID or larger. Slide is 2 1/2" long x 3/4" wide, and 2 1/2"
(maximum) high.

Bronze Outhaul Slide for Boltrope Groove: Fam 3159:

Bronze Outhaul Slide for Boltrope Groove: Fam 3160M:

Heavy-duty Cast Bronze Outhaul Slide features channel with clew attachment using 3/8" clevis pin (included) and a 1/2" hole for attachment of Outhaul pennant or Block. Slide has a 9/16" ID channel for Clew and measures 3 1/2" long x 1" wide (maximum) and 2 3/8" high. Slide fits all Boom Sections with a boltrope groove that is 9/16" ID or larger. RC30

Fam 3160M

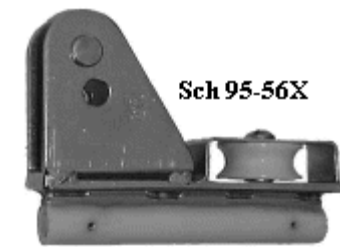### Outhaul Slide for Boltrope Groove: Sch 95-57X:

Heavy-duty Outhaul Slide features channel with 2-position clew attachment using 5/16" clevis pin, and a welded SS Eye for attachment of Outhaul pennant or Block. Slide body is welded SS with a 9/16" ID channel for Clew and a heavy delrin liner to minimize friction. Slide fits all Boom Sections with a boltrope groove that is 9/16" ID or larger. Slide is 3 3/4" long x 3/4" wide x 2 3/4" (maximum) high.

Sch 95-57X

Outhaul Slide w/ Sheave for Boltrope Groove: Sch 95-56X:

Heavy-duty Outhaul Slide features channel with 2-position clew attachment using 5/16" clevis pin, and 1 1/16" diameter delrin Sheave for a 2 part purchase using up to a 3/8" rope pennant. Slide body is welded SS with welded sheave cage, a 9/16" ID channel for Clew and a heavy delrin liner to minimize friction. Slide fits all Boom Sections with a boltrope groove that is 9/16" ID or larger. Slide is 3 3/4" long x 3/4" wide, and 2 5/8" (maximum) high.

Sch 95-56X

Large Outhaul Slide w/ Sheave for Boltrope Groove: RCS 95-56C:

Heavy-duty Outhaul Slide features channel with 2-position clew attachment using 3/8" clevis pin, and 1 5/8" diameter micarta Sheave for a 2 part purchase using up to a 3/8" rope pennant. Slide body is cast Chrome-plated Bronze with SS sheave cage plate and 3/4" ID channel for Clew. Slide body is 5 1/4" long x 1 3/16" wide, and 3 5/8" (maximum) high. Slide fits all Boom Sections with a boltrope groove that is 7/16" ID or larger.

RC 95-56C

Outhaul Slide for internal wire Pennant in Boltrope Groove: NF 10230S:

Special Outhaul Slide for use with an internal wire pennant inside the luff groove. SS Slide features a pivoting Toggle with 3/8" Pin for clew attachment. Wire Outhaul pennant passes through tubular portion of Slide that is in the Luff groove, and is terminated with a stop sleeve. Slide is (maximum) 3" long x 15/16" wide x 2 3/8" high, Toggle has 3/4" ID with clevis pin center @ 2" above Boom surface. Slide fits all Boom Sections with a boltrope groove that is 9/16" ID or larger.

NF 10230S

Outhaul Slides for 3/4" Internal Flat Track

Simple Outhaul Slide for 3/4" Internal Track: PP-95-341:
Simple Aluminum Outhaul Slide has (2) 5/16" holes for attachment of shackles for Outhaul pennant and Clew. Anodized, machined Slide is 3 1/2" long x 3/4" (.700) wide x 1 5/16" high. Fits Kenyon 3550, 3756 and many other Boom sections with 3/4" Internal Track.

PP 95-341

Simple Outhaul Slide for 3/4" Internal Track: PP-95-342S:
Simple SS Outhaul Slide has 7/16" hole for attachment of shackle for Outhaul pennant and large 5/16" bail for Clew shackle. Welded SS Slide is 3" long x 3/4" (.750) wide x 1 5/8" high. MetalMast Slide fits all Boom sections with 3/4" Internal Track.

PP 95-342S

Outhaul Slide w/ Toggle for 3/4" Internal Track: K-43009:
Outhaul Slide features pivoting toggle with 2-position clew attachment using 5/16" clevis pin, and separate pin for attachment of outhaul pennant. Slide is (maximum) 3 3/4" long x 3/4" wide, and 3 1/4" high. For 3550, 3756 and other Boom sections with 3/4" Internal Flat Track.

K-43009

Outhaul Slide w/ Toggle for 3/4" Internal Track: PP-95-345T:
Outhaul Slide features pivoting toggle with clew attachment using 3/8" clevis pin, and hole for attachment of wire outhaul pennant. Slide body is cast Chrome-plated Bronze, SS Toggle has 3/4" ID. Slide body is 3 7/8" long x (maximum) 11/16" wide, Toggle is (maximum) 3 1/4" wide, with Pin center 2 5/8" from bottom. For 3550, 3756 and other Boom sections with 3/4" Internal Flat Track. **As used on a variety of Pearson and Sound Spar Booms.**

PP 95-345T

Outhaul Slide w/ Toggle for 3/4" Internal Track: PP-95-346T:
Heavy-duty SS Outhaul Slide features SS Toggle for clew attachment using 1/2" clevis pin. Pivoting SS Toggle has 3/4" ID for Clew ring, horizontal pin (1/2") has shackle for attachment of outhaul pennant. Slide body is 4" long x 13/16" wide. Investment Cast SS Slide w/ Toggle is 3 5/8" (maximum) high. Fits all Boom sections with 3/4" Internal Flat Track.

PP-95-346T

Outhaul Slide w/ Sheave for 3/4" Internal Track: Sch 95-54X:

Heavy-duty Outhaul Slide features channel with 2-position clew attachment using 5/16" clevis pin, and 1 1/16" diameter SS Sheave for a 2 part purchase using up to a 5/32" wire pennant. When additional purchase is not desired, sheave can be used for direct attachment of outhaul pennant. Slide body is cast SS with welded sheave cage and 9/16" ID channel for Clew. Slide is 3 3/4" long x 3/4" wide, and 2 5/8" (maximum) high. For 3550, 3756 and other Boom sections with 3/4" Internal Flat Track.
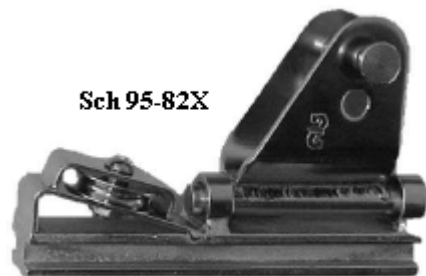
Outhaul Slide w/ Toggle for 3/4" Internal Track: Sch 95-55X:

Heavy-duty Outhaul Slide features pivoting toggle with 2-position clew attachment using 5/16" clevis pin, and eye for attachment of wire outhaul pennant. Slide body is cast SS with a pivoting toggle with 7/8" ID for Clew. Slide is 3 3/4" long x 3/4" wide, and 3 1/8" (maximum) high. For 3550, 3756 and other Boom sections with 3/4" Internal Flat Track.

Outhaul Slide w/ Sheave & Toggle for 3/4" Internal Track: Sch 95-82X:

Heavy-duty Outhaul Slide features pivoting toggle with 2-position clew attachment using 5/16" clevis pin, and 1 1/16" diameter SS Sheave for a 2 part purchase using up to a 5/32" wire pennant. Sheave is angled 15 degrees downward to help counter upward leech tension. Slide body is cast SS with welded sheave cage and pivoting toggle with 7/8" ID for Clew. Slide is 4 3/4" long x 3/4" wide, and 3 1/8" (maximum) high. For 3550, 3756 and other Boom sections with 3/4" Internal Flat Track.

Outhaul Slides for 7/8" Internal Track Booms

Outhaul Slide for 7/8" Internal Track: K-11071:

SS Outhaul Slide features 1/2" hole for attachment of outhaul pennant and a 7/16" slot for use with a D-shackle to attach the tack of the sail. Slide is (maximum) 3 1/2" long x 1 3/8" high. For 5072 and other Boom sections with 7/8" Internal Flat Track.

Outhaul Slide w/ Toggle for 7/8" Internal Track: PP-95-782T:

Heavy-duty SS Outhaul Slide features SS Toggle for clew attachment using 1/2" clevis pin. Pivoting SS Toggle has 3/4" ID for Clew ring, horizontal pin (1/2") has shackle for attachment of outhaul pennant. Slide body is 4" long x 13/16" wide. Investment Cast SS Slide w/ Toggle is 3 5/8" (maximum) high. Fits all Boom sections with 7/8" Internal Flat Track.

Outhaul Slide w/ Sheave & Toggle for 7/8" Internal Track: PP-95-781T:

Heavy-duty Outhaul Slide features SS Toggle for clew attachment using 7/16" clevis pin, and 1 1/4" diameter Aluminum Sheave for a 2 part purchase using up to a 3/16" wire pennant. Sheave is angled 10 degrees downward to help counter upward leech tension. Pivoting SS Toggle has 1 1/8" ID for Clew ring. Aluminum Slide body is 5 1/8" long x 7/8" wide (maximum), Slide w/ Toggle is 3 1/4" (maximum) high. Fits most Boom sections with 7/8" Internal Flat Track.

Outhaul Slides for 15/16" Internal Track Booms

Simple Outhaul Slide for 15/16" Internal Track: PP-95-1516-2S:
Simple SS Outhaul Slide has 7/16" hole for attachment of shackle for Outhaul pennant and large 5/16" bail for Clew shackle. Welded SS Slide is 3" long x 15/16" wide x 1 5/8" high. MetalMast Slide fits all Boom sections with 15/16" Internal Track.

PP 95-1516-2S

Outhaul Slide w/ Toggle for 15/16" Internal Track: PP-95-1516-1T:
Heavy-duty Outhaul Slide Assembly features SS Toggle for clew attachment using 7/16" clevis pin, and unique, trim attachment for a 1/8" wire pennant using Ball Swage w/ shank (MS20664-4) or Nicopress Stop sleeves. Pivoting SS Toggle has 1 1/8" ID for Clew ring. Aluminum Slide body is 3 3/4" long x 1" wide (maximum), Slide w/ Toggle is 3 1/4" (maximum) high. Fits most Boom sections with 15/16" Internal Flat Track, and many sections with a 1" Internal Flat Track.

Outhaul Slides for 1" Internal Track Booms

Outhaul Slide w/ Toggle for 1" Internal Track: NF 10260S:
SS Outhaul Slide features SS Toggle for clew attachment using 3/8" clevis pin. Pivoting SS Toggle has 3/4" ID for Clew ring, wire outhaul pennant is attached with stop sleeve. Slide is 3" long x 15/16" wide. Formed SS Slide w/ Toggle is 2 3/8" (maximum) high. For Booms using *NF 10290* internal Track, as well as Rig-Rite RR#8 and all other Boom sections with 1" Internal Flat Track.

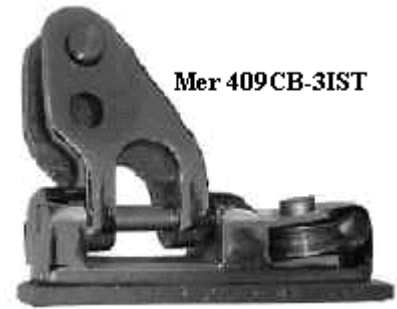***Outhaul Slide w/ Toggle for 1" Internal Track: PP-95-101T:***
Heavy-duty SS Outhaul Slide features SS Toggle for clew attachment using 1/2" clevis pin. Pivoting SS Toggle has 3/4" ID for Clew ring, horizontal pin (1/2") has shackle for attachment of outhaul pennant. Slide body is 4" long x 31/32" wide. Investment Cast SS Slide w/ Toggle is 3 5/8" (maximum) high. For Rig-Rite RR#8 and all other Boom sections with 1" Internal Flat Track.

PP-95-101T

Outhaul Slide w/ Sheave & Toggle for 1" Internal Track: Mer 409CB-3IST:

Heavy-duty Outhaul Slide features toggle with 2-position clew attachment using 3/8" clevis pin, and 1 3/16" diameter Chromed Bronze Sheave for a 2 part purchase using up to a 3/16" wire pennant. Sheave is angled 10 degrees downward to help counter upward leech tension. Slide body and toggle are cast Chrome-plated Bronze, slide bottom is SS. Pivoting toggle has 3/4" ID for Clew. Slide is 4 3/8" long x 1 3/16" wide (maximum), and 3 1/4" (maximum) high. For Rig-Rite RR#8 and other Boom sections with 1" Internal Flat Track.

Outhaul Cars for Isomat Booms

*See also, Outhaul Slides for Francespar and Sparcraft Booms, below.

NB-32, NB-40 Outhaul Car: NB2-17A:

SS Outhaul Car designed to fit in Isomat NB-32, and NB-40 Booms. To identify Isomat Booms, See **Isomat Boom Specifications.** Car rides on 4 delrin wheels, *NB2-18W*, below, and includes an 8mm (5/16") shackle, *NB2-2*, used for attachment of the sail <u>and</u> the outhaul pennant. Car is 85mm (3 3/8") long.

NB-32, NB-40 Outhaul Car: NB2-18A:

SS Outhaul Car designed to fit in Isomat NB-32, and NB-40 Booms. To identify Isomat Booms, See **Isomat Boom Specifications.** Assembly is 92mm (3 5/8") long. Car rides on 4 delrin wheels and features a 12mm (7/16") clew attachment pin and a 10mm (3/8") pin for attachment of the outhaul pennant.

NB-32, 40 Outhaul Car Wheel: NB2-18W:

Delrin Wheel for NB-32 Outhaul Car is 19mm (3/4") OD x 10mm (3/8") wide x 10mm (3/8") ID.

NB-2 Outhaul Car Axle: NB2-18X:

SS Outhaul Car Axle is 10mm (3/8") OD x 24mm (15/16") long.

NB-55 Outhaul Car: NB2-18AS:

SS Outhaul Car is as *NB2-18A,* above, but designed to fit in Isomat NB-55 Booms. To identify Isomat Booms, See **Isomat Boom Specifications.** Assembly is 92mm (3 5/8") long. Car rides on 4 SS wheels and features a 12mm (7/16") clew attachment pin and a 10mm (3/8") pin for attachment of the outhaul pennant.

NB-55 Outhaul Car Wheel - Delrin: NB2-18WDS:
Delrin Wheel for NB-55 Outhaul Car is 19mm (3/4") OD x 7mm (1/4") wide x 10mm (3/8") ID.

NB-55 Outhaul Car Wheel - Stainless: NB2-18WSS:
SS Wheel for NB-55 Outhaul Car is 19mm (3/4") OD x 7mm (1/4") wide x 10mm (3/8") ID. *

NB-55 Outhaul Car Axle: NB2-18XS:
SS Outhaul Car Axle is 10mm (3/8") OD x 19mm (3/4") long.

NB2-18XS

Outhaul Slides for Francespar & Sparcraft Booms

A number of Sparbuilders including Francespar, Isomat, and Sparcraft have used Boom Sections with a rectangular sail groove that is 20mm (13/16") high x 26mm (1") wide. Outhaul Slides listed below fit all such Sections, Including: Francespar FB-60 through FB-3400 Boom Sections, Isomat NB-32, NB-40 and NB-70 Boom Sections, and a variety of Sparcraft and other Booms with a rectangular sail groove that is 20mm (13/16") high x 26mm (1") wide.

FB-2 Outhaul Slide, Short: FB2-18AS:
Aluminum Outhaul Car Assembly is 100mm (4") long. Car rides on 4 Torlon rods to minimize friction, and features a 8mm (5/16") removable shackle for attachment of the clew and outhaul pennant. Slide fits Sparcraft FB-60 through FB-3400 Boom Sections, Isomat NB-32, NB-40 and NB-70 Boom Sections and a variety of Francespar and other Booms with a rectangular sail groove that is 20mm (13/16") high x 26mm (1") wide.

FB2-18AS

Torlon Rods for FB-2 Short Outhaul Car: FB2-18SRP:
Torlon Rod <u>Set</u> for Short FB-2 Outhaul Car includes (4) 1/4" (6mm) Torlon rods x 100mm (4") long.

FB-2 Outhaul Slide, Short - Double: FB2-18ASD:
Heavy-duty Outhaul Car Assembly is 230mm (9") long. Car consists of (2) **FB2-18AS** Short Outhaul Cars, above, joined with a SS coupler, and features a 16mm (5/8") Pin for attachment of the clew and an 14mm (9/16") Pin for attachment of the outhaul pennant. Slide fits Sparcraft FB-60 through FB-3400 Boom Sections, Isomat NB-32, NB-40 and NB-70 Boom Sections and a variety of Francespar and other Booms with a rectangular sail groove that is 20mm (13/16") high x 26mm (1") wide.

FB-2 Outhaul Car Coupler: FB2-18DC:

Heavy-duty SS Coupler Assembly is used to connect two *FB-2-18AS* Short Outhaul Cars for high load applications. SS Coupler Assembly attaches to Car shackles with 12mm (7/16") Pins, and features a 16mm (5/8") Pin for attachment of the clew and an 14mm (9/16") Pin for attachment of the outhaul pennant. Heavy-duty welded SS Channel is made from 5mm stock and is 230mm (9") long x 36mm (1 7/16") wide with 25mm (1") inside clearance.

FB2-18DC

FB-2 Outhaul Slide, Long: FB2-18AL:

Aluminum Outhaul Car Assembly is 150mm (6") long. Car rides on 4 Torlon rods to minimize friction, and features a 8mm (5/16") shackle for attachment of the clew and outhaul pennant. Slide fits Sparcraft FB-60 through FB-3400 Boom Sections, Isomat NB-32, NB-40 and NB-70 Boom Sections and a variety of Francespar and other Booms with a rectangular sail groove that is 20mm (13/16") high x 26mm (1") wide.

FB2-18AL

Torlon Rods for FB-2 Long Outhaul Car: FB2-18LRP:

Torlon Rod <u>Set</u> for Long FB-2 Outhaul Car includes (4) 1/4" (6mm) Torlon rods x 150mm (6") long.

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