

## SPINNAKER POLE CARS

### Spinnaker Pole Cars & “J” Dimensions

#### “J”

The distance from the forward face of the mast to the outer-most fixed tack of the jib (boats with bow sprits or cutters with staysails measure to the forward most tack point) at deck level. Any spinnaker pole built to a “J” dimension should not extend past the tack when attached to the mast including all mast fittings used to connect the pole.

#### “J-C”

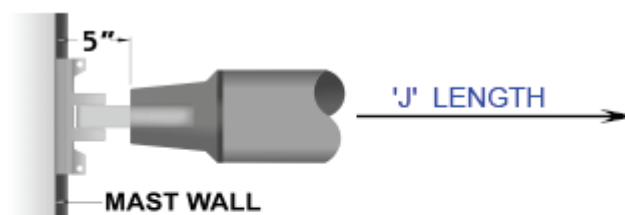
Is a “J”-“Corrected” pole length or “penalty” pole made to an accepted “class” dimension or specific length based on the individual boats oversize symmetrical spinnaker or owners preference. This style pole is not defined by “J” and can be virtually any over-all length.

#### “SPL”

Spinnaker pole length is the distance (to the outermost tip of the end fitting-not the jaw) when attached to the mast fitting with the pole held out straight on the centerline of the boat. It is measured from the forward face of the mast to the outside tip of the end fitting. When Forespar<sup>®</sup> is given a “J” dimension, (preferred) poles made with “UXP”, “UTR” or any “latch” style ends will be built to the “J” as measured “Tip to Tip” (outside to outside overall). These style poles use “Ring” style cars or our “FC-125” car.

When given a “J” dimension for poles that use our “UTS” or “TS” socket style ends and will be used with our “AT-125-S” or “T-125-S” toggle cars for 1-1/4” “T” track, we will subtract 3” to allow for the distance the car and track add to the “J” measurement when the pole is set.

Other car manufacturers have different “sub tractor” dimensions and the customer may be required to supply this information in order to build the proper length pole. We have on file the sub tractor dimensions for Harken #1580 “Midrange” cars (5-1/2”) and Harken #784 “Big Boat” cars (5-13/16”) that use our “TS” toggle assembly (#333010).



FOR POLES WITH OUR TS & UTS END FITTINGS,  
5" IS SUBTRACTED WHEN GIVEN A 'J' DIMENSION  
TO ESTABLISH THE POLE LENGTH.

**Forespar<sup>®</sup>**

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## SPINNAKER POLE CARS cont

### RING STYLE MAST CAR — RC 125

# 331000

The ring and body of this unusually strong car is investment cast of 17-4 heat treated stainless steel to provide a superior product. Compatible with our “UXP” and “UTR” pole end fittings Ring I.D. is 1 5/8”.

The RC-125 is for 1 1/4” T-track and has a screw lock-pin, our special UHMW polyethylene slides insert and provisions for up and downhaul shackles.

RC-125 is NOT recommended for use with poles that are to be stored vertically up the mast. Use FC-125 # 332002

Forespar® “Ultra” series end fittings (both the UXP and UTR style) require a minimum of 1 1/25” I.D. rings for proper function. If the ends are used on rings less than 1 1/2” I.D. the jaws (“beak”) can bind-up in the rings and with the leverage of an 8’ pole, (or longer!) the ends will fail.

This is not the fault of the end fittings. A proper sized ring will avoid this and allow the ends to freely move under spinnaker pole compression loads as needed.

Forespar® offers S/S mast pad eyes (PE-3-SF & PE-3-SC) and sliding ring cars (RD-125) with 1 5/8” I.D. rings for use with our end fittings. Lesser diameter rings should be changed-out to avoid potential failure to ends due to insufficient.

Forespar® will not warrant ends that fail due to improperly sized rings on the mast.

### TOGGLE CARS 1 1-4”

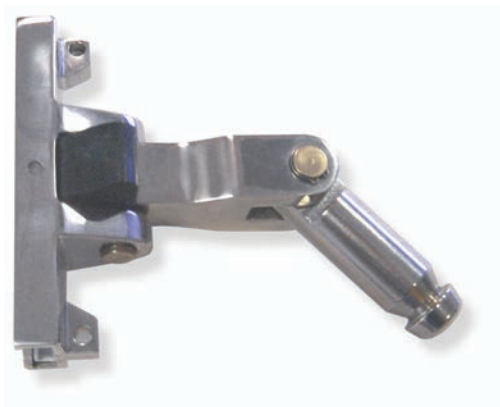
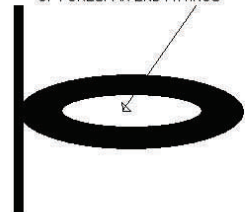
- # 333004 T-125-S (S/S body)
- # 333020 Long toggle option
- # 333010 Toggle and Knuckle assembly

This car slide is offered both in stainless steel and hard coat anodized extruded aluminium. The toggle-pin is stainless steel in each case. Toggle assemblies available separately see replacement parts page.

To allow vertical storage on the mast of larger poles up to 6” diameter specify our long toggle option. Our standard toggle works with poles to 4 1/2” diameter.



MINIMUM RING INNER DIAMETER  
MUST BE 1-1/2" OR MORE (UP TO 2"  
MAXIMUM) FOR PROPER FUNCTION  
OF FORESPAR END FITTINGS



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