

Boom Attachments, adjustable - Allan Van Ness

Made from Nylon spacers and aluminum cable stops, stainless 6-32 x 1/8" set screws, stainless cotter pins. All parts purchased at McLendon's Hardware. Nylon spacers are used for vang, outhauls, etc. Aluminum for high stress attachments like jib boom attachment to the deck and sheet attachments. Since fittings fit snugly on the CF booms, minimal torque on set screw is needed.



Set screws are manufactured with a hollow cone tip which could split carbon fiber boom. Need to grind end flat. These tiny set screws are easy to drop and hard to find if you do so. Very difficult to hold in hand and grind. I inserted the set screw into a thread gauge and held it with an allen wrench, 1/16", and ground the tip on the back side of the thread gauge with Dremel grinding wheel.



Center hole of fittings need to be enlarged to slightly less than 1/4". I used a size B twist drill. Hole for set screw is drilled with a twist drill that matches (#32?) a 6x32 tap. Holes for cotter pin and Spectra are drilled with a 1/16" twist drill. A fine file is used to make a groove for the cotter pin to be bent over inside the lumen of the aluminum fitting and also for clearance inside for the Spectra.

