

1990 Beneteau First 235 – Hull 401 – Carpe Diem

Custom Aluminum Bowsprit for Furler Code Zero & Gennaker Systems

Specification:

- Bowsprit – 48 inch long 6061 aluminum pipe, 2.5 inch OD, 2 inch ID, 0.25 inch wall
- 48 inches of total length, with 24 inches of bow extension

Mounting brackets:

- Back Support Flat Bar Bracket (mounted to deck: with 1 x 3/8 inch thick stainless steel bolt (optional) and 2 x 5/16 inch thick stainless steel U-Bolt clamps – mounted to toe rails): trapezoid-shaped 24.5 inch long 6061-T6511 aluminum flat bar (at the bottom end, and 22.25 inch long at the top end), 2.5 inch wide, 0.75 inch thick
- Front Support L-Bracket (mounted to forestay chainplate with 1 x 5/16 inch thick stainless steel bolt): aluminum, 1 inch x 1 inch x 0.25 inch thick x 5.25 inch long
- 2x Heavy Duty 2.5 inch ID U-Bolt Clamp, T201 Stainless Steel, 0.3750 (3/8) inch thick (one to mount bowsprit pipe to forestay L-Bracket, the other to mount bowsprit pipe to back support)
- 2x 2,000 lbs working load 1 inch ID U-Bolt Clamp, Stainless Steel, 0.3125 (5/16) inch thick (West Marine Model #599209 Mfg #7824S) (to mount back support to toe rails)

Forestay and Bobstay attachment:

- Marine Grade Stainless Steel 3/8-16 x 7-3/4 inch Turnbuckle (for attaching bobstay line) and Eye Bolt (for attaching forestay) (DECKMATE, Home Depot)

Misc:

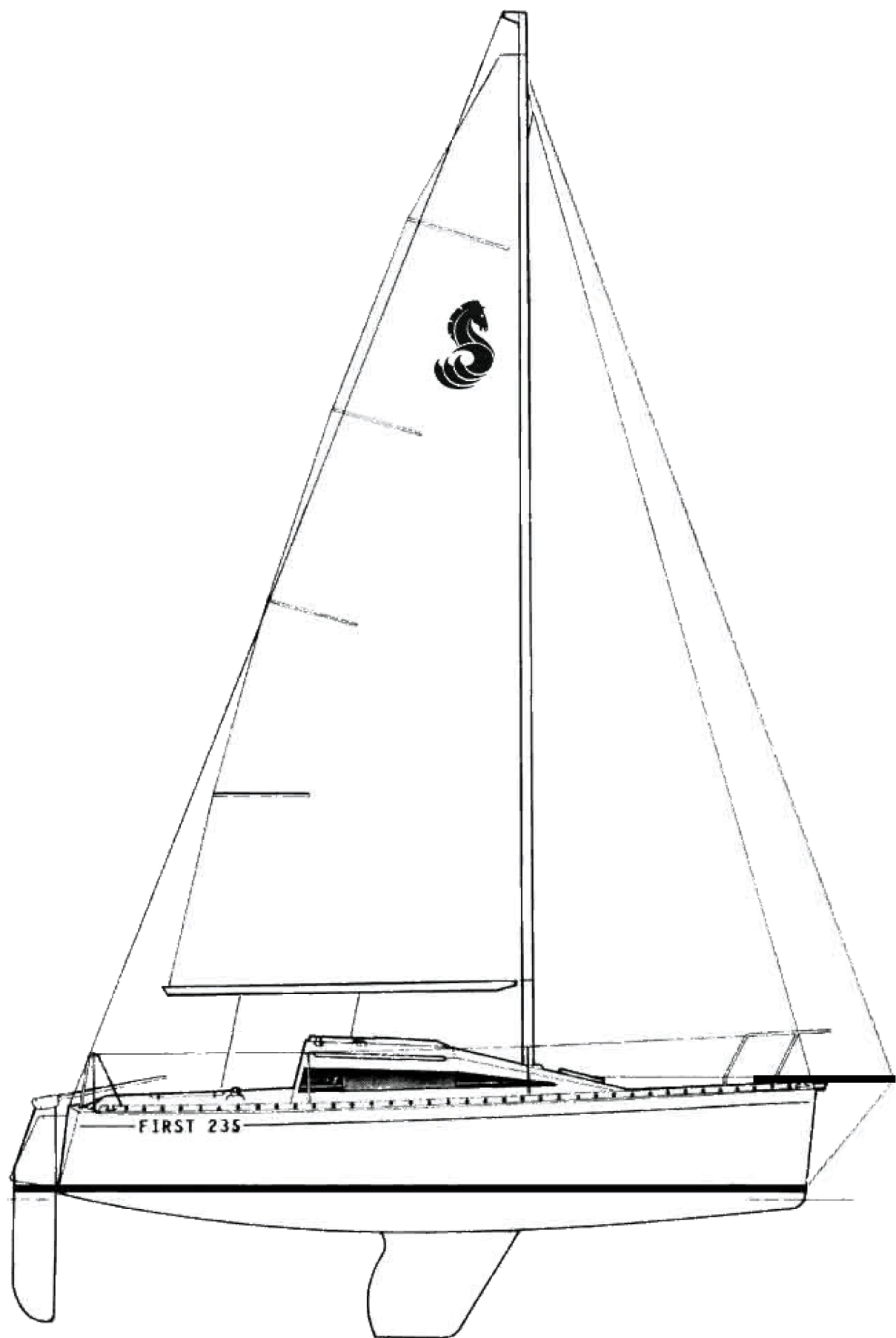
- Rubber End Caps 2.5 inch ID

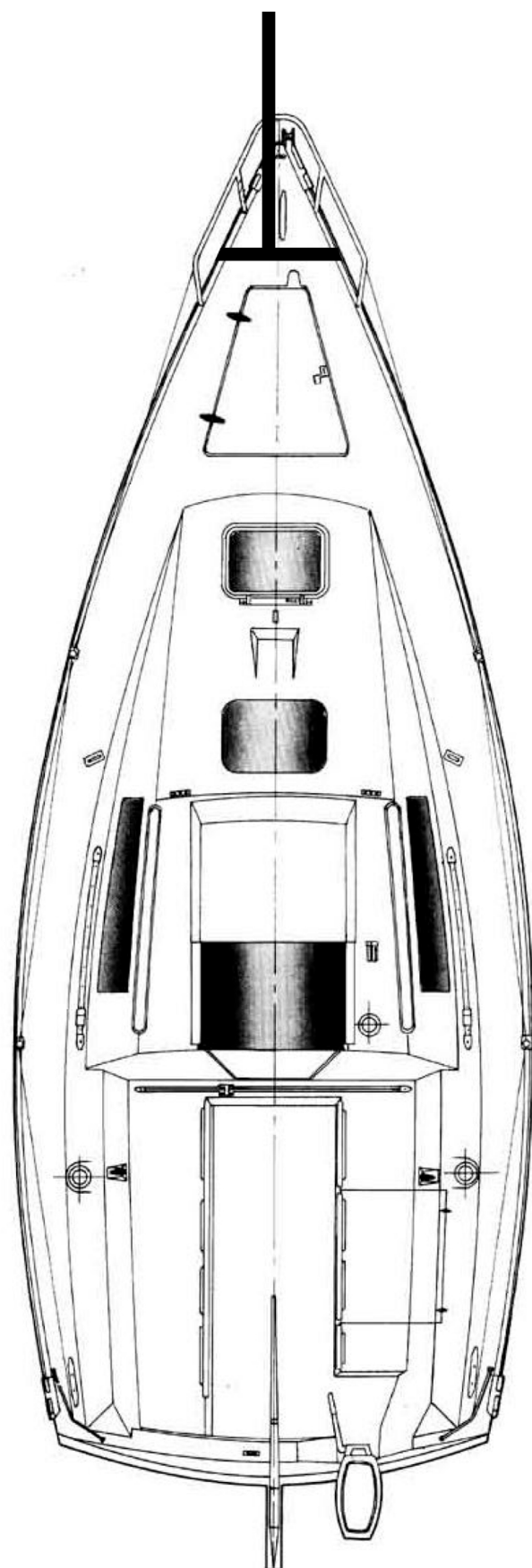
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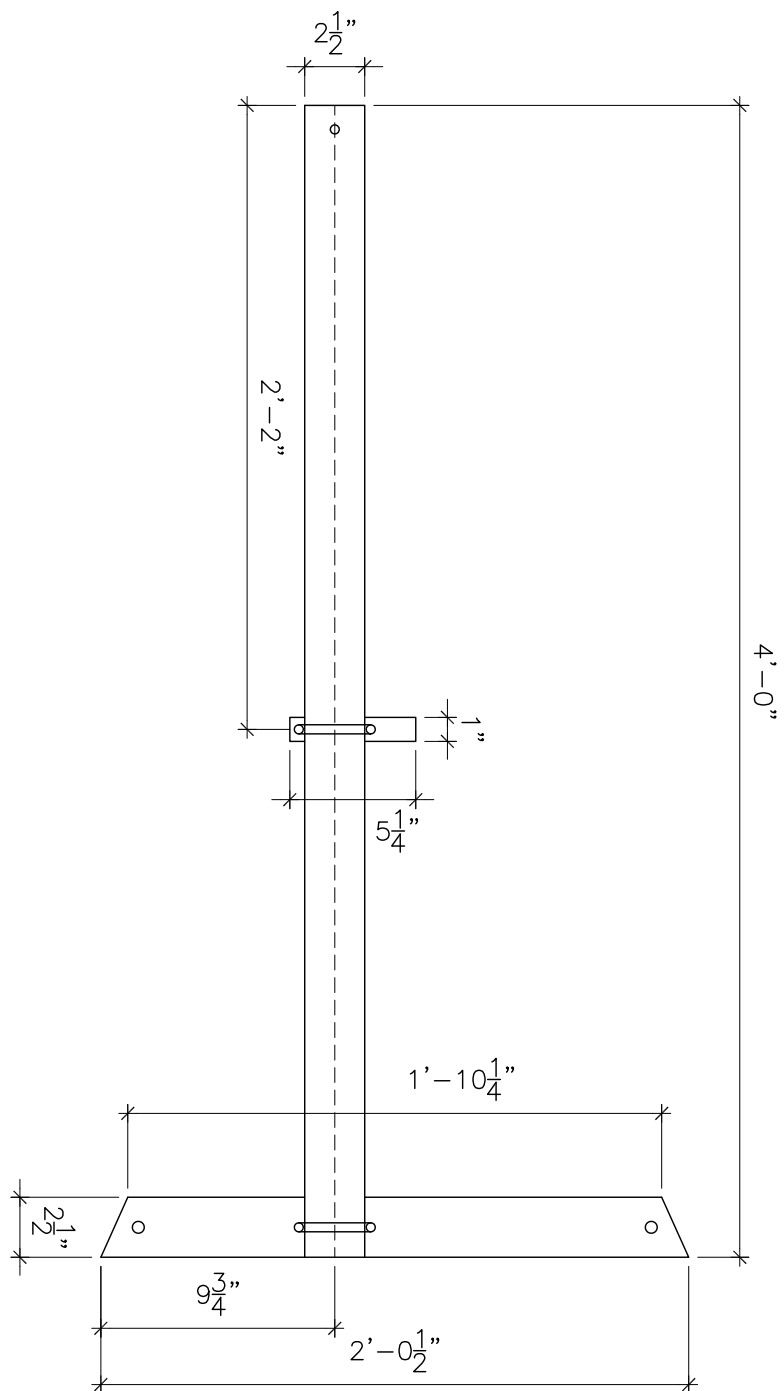
LOA of Beneteau First 235 without bowsprit: 23.33 ft (23 feet 4 inches)

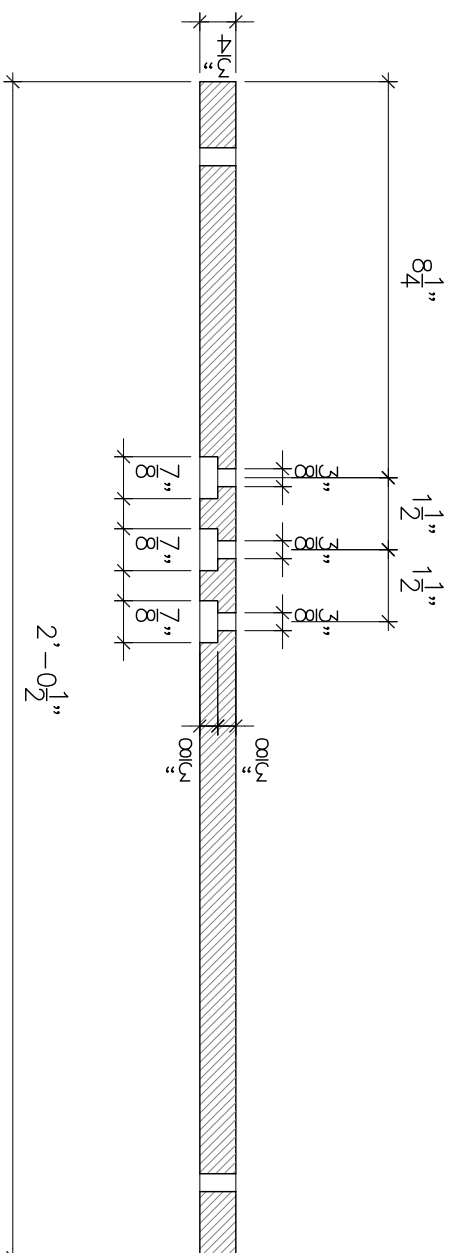
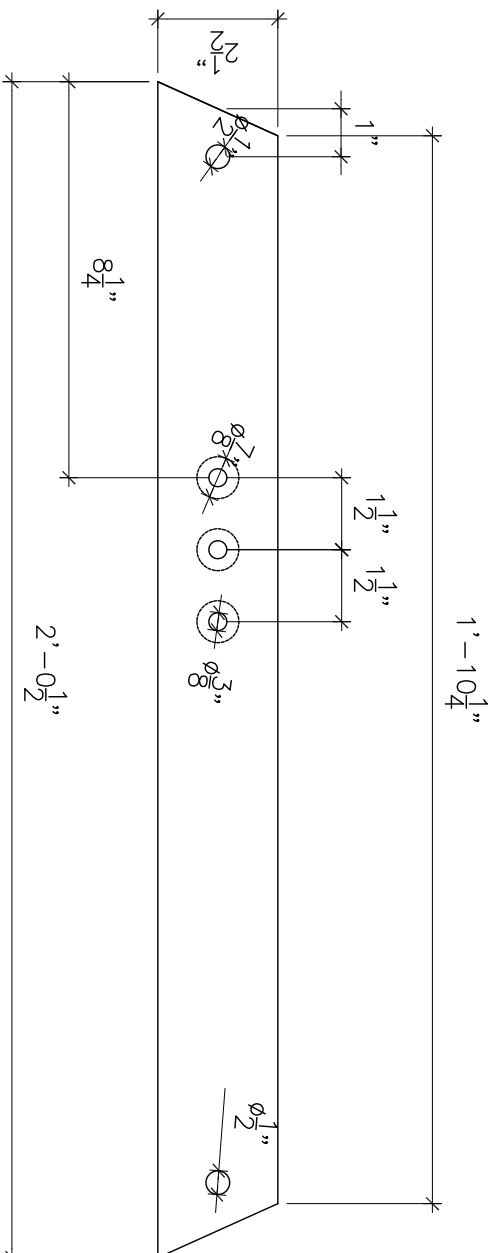
Current LOA, after bowsprit installed: approx. 25 ft.

Bowsprit extends the boat by approx. 2 ft, measured from the fiberglass tip of the bow (few inches less if accounting for bow pulpit and anchor bracket).





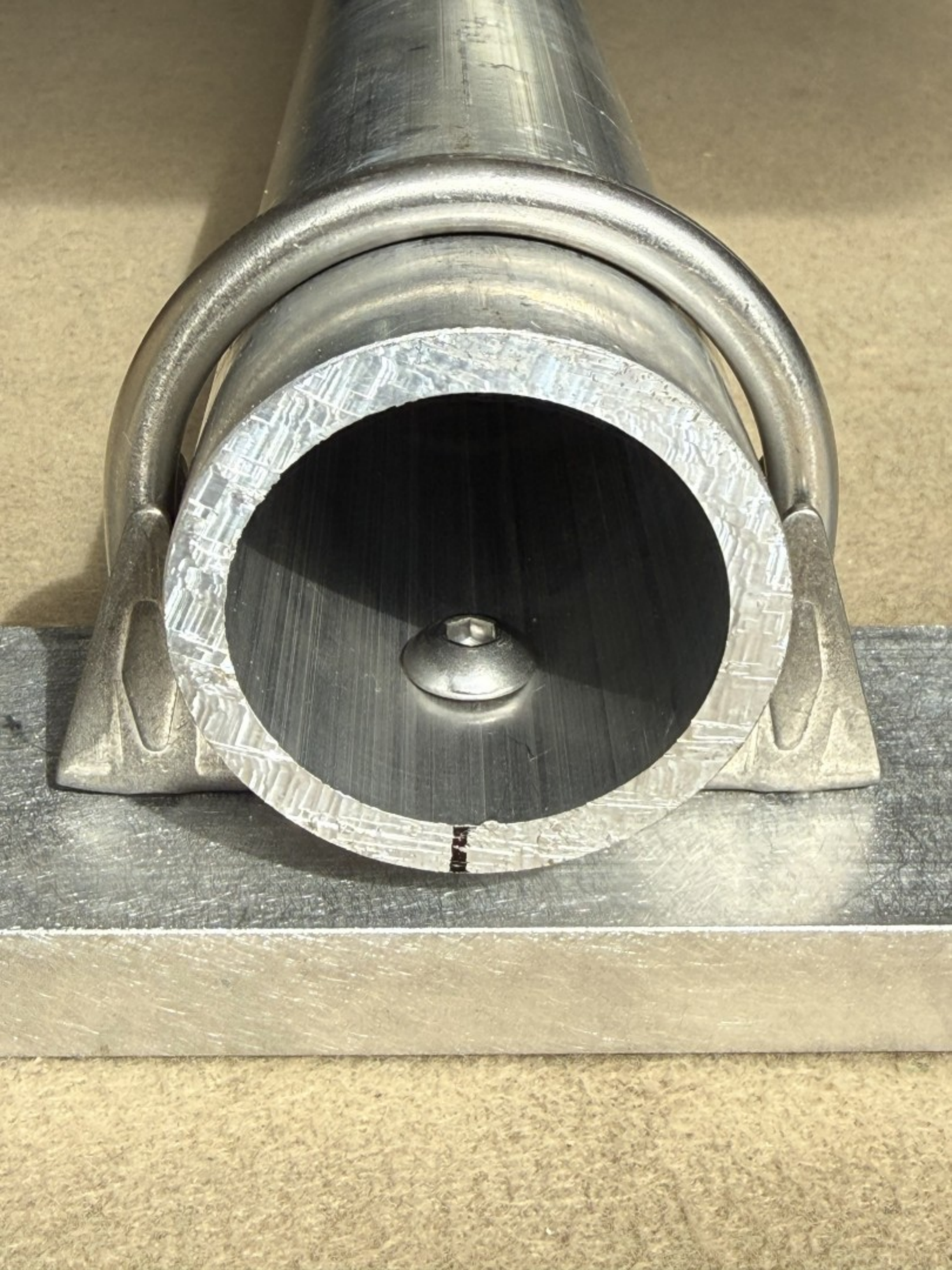


















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