

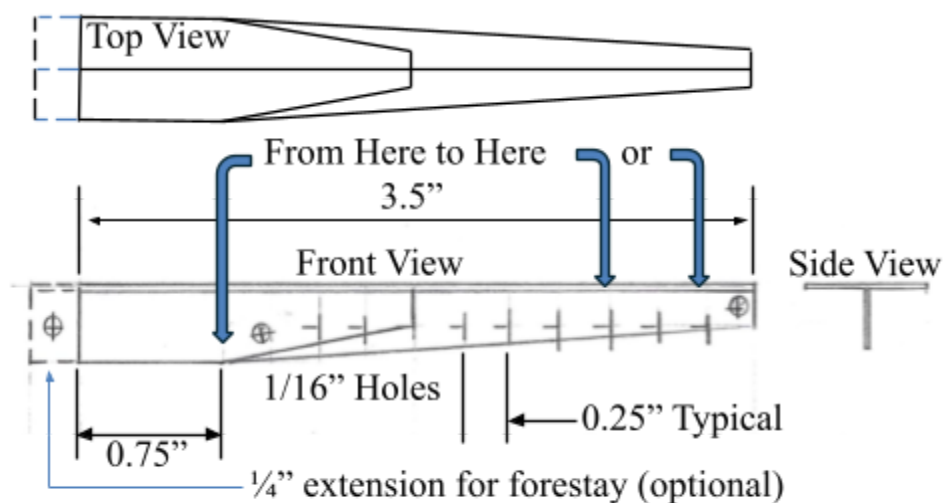
Patterns for Tee-shaped Brass Parts

This sheet was published with the article “Making Parts from Tee-shaped Brass” on the US VMYG website as part of “The Rig” topic of The Beginning Model Yachting Series.

(<https://usvmyg.org/articles/bmys/making-parts-from-tee-shaped-brass/>)

Mast Crane Pattern

This is a full-size pattern. This pattern will accommodate a mast crane as short as $1\frac{1}{4}$ in and as long as $3\frac{1}{2}$ inches in $\frac{1}{4}$ -inch increments. You simply connect a line on the front view from the corner at the right-hand end of the 0.75-in dimension line to the correct mark along the series of marks. You add three lines to the top view, one short horizontal and two diagonal lines. These are at $\frac{1}{4}$ -inch intervals. You make whatever length you need.



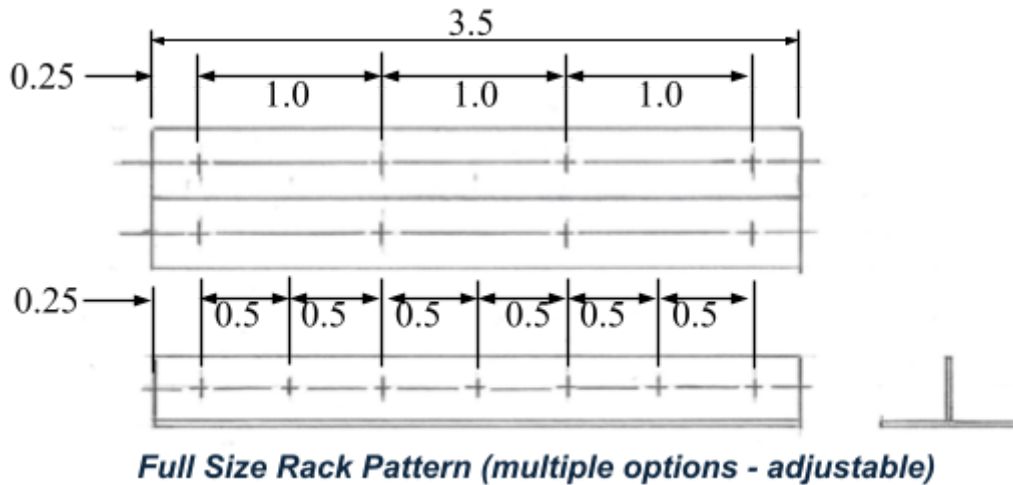
Mast Crane Pattern (multiple lengths - adjustable)

Rack Pattern

This is a full-size pattern. You determine what size you need for a particular part and cut the piece based on the yellow diagram at the end of the article. The rack pattern will accommodate a backstay bracket as well as jib and shroud racks from one to seven holes in odd number increments.

The shortest will work for a backstay bracket (one hole) and longest a shroud rack (seven hole). Tape the pattern in place on the material and center punch the hole locations using an automatic center punch.

The top view shows the hole locations for the mounting screws. The front view shows the hole locations for the turnbuckle/clevis attachment locations.



You simply draw a line at the point where you want to cut the blank piece of tee and cut that piece off. Follow the cut line diagram below.

