

(STF)  
STUD TREE FASTENER

TREE FASTENERS:

MATERIAL: 4140 Type N (or Annealed) 1.25" Nom Dia.  
Cut to Length: may have tooling marks each end.

0.03 R typical except shaft collar step  
as noted at chamfer.

5 TPI wood threads to have no sharp edges;  
Outside Thread Edges have 0.04 +/- 0.005" flats  
Root Radius .03 +/- .015"  
1/8" chamfer at end.

Stamp Identifying Mark on fine thread end of stud  
with manufacturer's I.D. and lot#

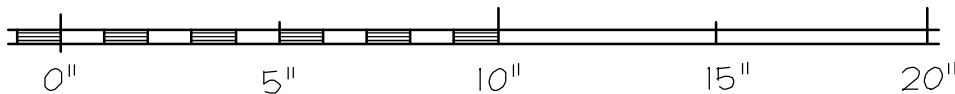
Heat Treatment: Anneal, Quench, Temper  
to 32/35 Rockwell C.

Install 3.00" dia x 1.00" wide mild steel collar  
using shrink or press fit with 0.001 (=/- 0.00025")  
interference.  
If heat shrink method used, keep shaft below 700°F  
and quench immediately.

Powder Coat .010" minimum except fine threads.

TOLERANCES:

.NONE	= NOMINAL	.xx	= +.02, -.01
.x	= +.06, -.06	.xxx	= +.002, -.001



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