

(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.

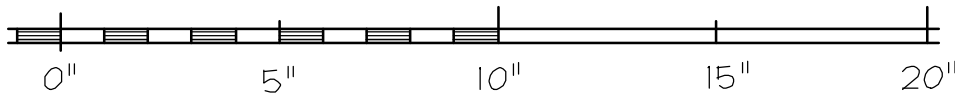
5 TPI wood threads to have no sharp edges;
Outside Thread Edges have 0.04 +/- 0.005" flats
Root Radius .03 +/- .015"
1/8" chamfer at end.

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 0.011 (=/- 0.00025")
interference.
If heat shrink method used, keep shaft below 700°F
and quench immediately.

Powder Coat .010" minimum except fine threads.



GREENWOOD ENGINEERING

SITE: treehouseengineering.com

EMAIL: treehouseengineering@mac.com

gnwdeng@cavenet.com

P.O. BOX 1571

CAVE JUNCTION

OREGON 97523