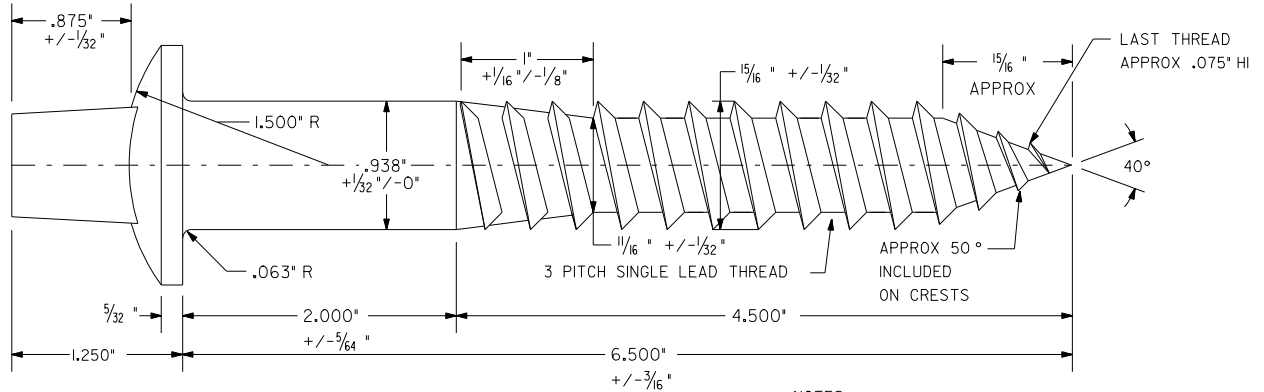


NOTE: THREADS TO BE WAXED FOR EASIER INSERTION



NOTES:  
 MATERIAL TO BE LOW-MED CARBON STEEL 74,000  
 PSI MINIMUM TENSILE / 50,000 PSI YIELD STRENGTH.

MONTH AND YEAR OF MANUFACTURE,  
 MANUFACTURER'S I.D., AND PART  
 NUMBER TO BE FORGED INTO THE HEAD.  
 HEAD MUST BE HOT FORGED.  
 HEAD MUST BE CENTERED RELATIVE TO SHANK.

TIE DRILLING:  
 ALL HOLES TO BE DRILLED TO A DEPTH OF 5.25"  
 FROM TOP OF TIE. DO NOT PUNCTURE BOTTOM OF  
 TIE. PREBORED HOLES TO BE  $\frac{1}{16}''$  DIAMETER.

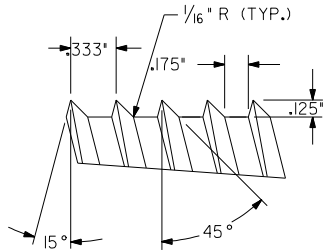
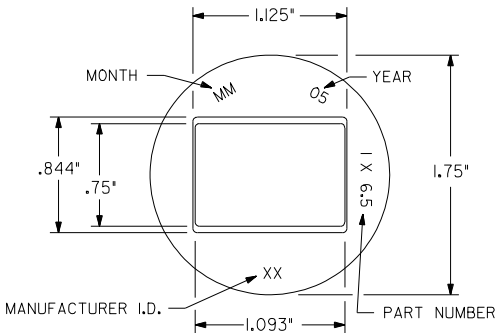
USE  $\frac{1}{8}'' \times \frac{1}{8}''$  RECTANGULAR SOCKET (450 152564)  
 FOR 1" DRIVE IMPACT WRENCH TO INSERT AND REMOVE.  
 DO NOT DRIVE INTO TIES.

640 035358

NORFOLK SOUTHERN RAILWAY COMPANY

**RECTANGULAR HEAD  
 TIMBER SCREW SPIKE**

MAY 2001  
 Atlanta, Georgia



**THREAD DETAIL**

**TOP VIEW OF HEAD**

NOTE: ALL DRIVE DIMENSIONS  $\pm \frac{1}{64}''$

REVISION  
 DATE  
 IP-22-02  
 SOCKET SIZE