



SPECIFICATIONS: ASTM F1554-99 GR55 &/or  
 AASHTO M314-95 GR55  
 (QUENCHED & TEMPERED ALLOY)

ROUND BAR: CARBON EQUIVALENT-.45% MAX.  
 YIELD STRENGTH-55 KSI MIN  
 TENSILE STRENGTH-75 TO 95 KSI  
 ELONGATION-8"-18% MIN.  
 REDUCTION AREA- 30% MIN. (1/2" TO 2")  
 REDUCTION AREA- 22% MIN. (>2" TO 2 1/2")  
 REDUCTION AREA- 20% MIN. (>2 1/2" TO 3")

GALVANIZE: ASTM-A153, CLASS C

NUTS: ASTM A563-GR DH, ANSI B18.2.2

THREADS: UNIFIED NATIONAL COARSE  
 ANSI B1.1 CLASS 2A  
 THREADS ARE ROLLED OR CUT.

WASHERS: ASTM F-436

|       |             |      |    | FULLY THREADED STUD CHISEL TIP GR 55 |               |                 |
|-------|-------------|------|----|--------------------------------------|---------------|-----------------|
|       |             |      |    | REVISION: A                          | P.O. COMPANY: | DRAWN BY: JEP   |
|       |             |      |    | DATE:                                | P.O. NUMBER:  | CHECKED BY: AJS |
|       |             |      |    | CONTRACTOR:                          |               |                 |
|       |             |      |    | J. H. Botts LLC                      |               |                 |
|       |             |      |    | DWG. NO.                             |               |                 |
| A     | FOR RELEASE |      |    |                                      |               |                 |
| REV # | DESCRIPTION | DATE | BY |                                      |               |                 |
|       | REVISIONS   |      |    |                                      |               |                 |
|       |             |      |    | 253 E. BRUCE JOLIET, IL 60432        |               |                 |
|       |             |      |    | 1 of 1                               |               |                 |