

DRAWN DATE
DN 05-25-94

CHECKED

E0961183



TRUCK, INC.

415 EAST DUNDEE
OTTAWA, KANSAS 66067
(913) 242-2200 FAX (913) 242-6117

SHEET

1 OF 1

APPROVED
HK 08-28-96

ENGINEERING SPECIFICATION
OR INSTRUCTIONS

ESN-0020

STANDARD SPECIFICATION FOR:

STRESSPROOF[®] 1144 SHAFTING ROUNDS
ASTM A311, CLASS B

MECHANICAL PROPERTIES:

- MIN. YIELD STRENGTH (PSI) = 100,000
- MIN. TENSILE STRENGTH (PSI) = 125,000
- % OF ELONGATION IN 2" = 10
- % REDUCTION OF AREA = 30
- HARDNESS = R_c 23/27

DIAMETER TOLERANCES:

COLD DRAWN

DIAMETER	TOLERANCE
1.50 & UNDER	.000 TO -.004"
OVER 1.50 TO UNDER 2.50	.000 TO -.005"
2.50 TO 4.00	.000 TO -.006"
OVER 4.00 TO 6.00	.000 TO -.007"

TURN, GROUND & POLISHED

DIAMETER	TOLERANCE
1.25 TO 1.50	-.0005 TO -.0015"
OVER 1.50 TO UNDER 2.50	-.0005 TO -.0020"
2.50 TO 3.00	-.0005 TO -.0025"
OVER 3.00 TO 4.00	-.0005 TO -.0035"
OVER 4.00 TO 6.00	-.0005 TO -.0040"
OVER 6"	-.0005 TO -.0045"

SURFACE FINISH: 8 TO 16 RMS

NOTE: DRAWING MUST STATE COLD DRAWN OR TURN GROUND & POLISHED

ESN-0020 PG 1 OF 1