

DRAWN DATE
DN 05-25-94

CHECKED

E0940649



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

SHEET
1 OF 1

APPROVED
HK 05-27-94

ENGINEERING SPECIFICATION
OR INSTRUCTIONS

ESN-0019

STANDARD SPECIFICATION FOR:

8620H COLD FINISHED ALLOY STEEL
ROUND BAR

MECHANICAL PROPERTIES:

MIN. YIELD STRENGTH (PSI) = 85,000

MIN. TENSILE STRENGTH (PSI) = 102,000

% OF ELONGATION IN 2" = 22

% REDUCTION OF AREA = 58

HARDNESS = R_c 16/20

CHEMICAL PROPERTIES PER SAE J1268 (WEIGHT %):

CARBON (C): 0.17/0.23

MANGANESE (Mn): 0.60/0.95

SILICON (Si): 0.15/0.35

NICKEL (Ni): 0.35/0.75

CHROMIUM (Cr): 0.35/0.65

MOLYBDENUM (Mo): 0.15/0.25

DIAMETER TOLERANCES:

DIAMETER	DIA. TOLERANCE
TO 1.00" INCL.	+0.000 TO -0.002"
TO 1.50" INCL.	+0.000 TO -0.003"
OVER 1.50" TO 2.50"	+0.000 TO -0.004"
OVER 2.50" TO 4.00"	+0.000 TO -0.005"
OVER 4.00" TO 6.00"	+0.000 TO -0.006"
OVER 6.00" TO 8.00"	+0.000 TO -0.007"
OVER 8.00" TO 9.00"	+0.000 TO -0.008"
OVER 9.00"	+0.000 TO -0.009"