

ITEM	MATERIAL
A, B, C	AISI 4340 AIRCRAFT QUALITY MAGNAFLUXED STEEL FORGING Rc 28-34
E	AISI 4340 AIRCRAFT QUALITY MAGNAFLUXED STEEL FORGING VACUUM MELT HIGH TRANSVERSE Rc 42-45
G	BETHLEHEM OMEGA STEEL Rc 46-48
D, F	AISI 4340 AIRCRAFT QUALITY MAGNAFLUXED STEEL FORGING Rc 55-59
H, J	LASALLE STEEL CO. "STRESSPROOF"
K, L	AISI 4340 STEEL FORGING (HARDNESS OF FINISHED NUT Rc 30-32)
M	TUNGSTEN CARBIDE GRADE SSS
S	BETHLEHEM OMEGA STEEL Rc 50
N	FLX AA HIGH SPEED STEEL - TUNGSTEN 18% CHROMIUM 4% VANADIUM 1.10% F-52-S4 12-4-1
P	FLX 440 HIGH SPEED STEEL - TUNGSTEN 19.5% CHROMIUM 4% VANADIUM 2.7% COBALT 1.2% Rc 47-66 20-4-1-20
R	FLX AAA HIGH SPEED STEEL - TUNGSTEN 18% CHROMIUM 4% VANADIUM 1.5% COBALT 5% Rc 64-66 18-4-1-5

250,000 LB. THRUST GENERATOR

UPPER RAM TRAVEL 4"

3.950-16N CLASS 3 THD. (TYP. BOTH ENDS)

4 1/2" DIA. (TYP.)

3.854" DIA.

3 1/4" (TYP.) DIA.

3 1/2" DIA.

6"

20"

8"

29"

7"

27" DIA. (TYP.)

SEE VIEW "A"

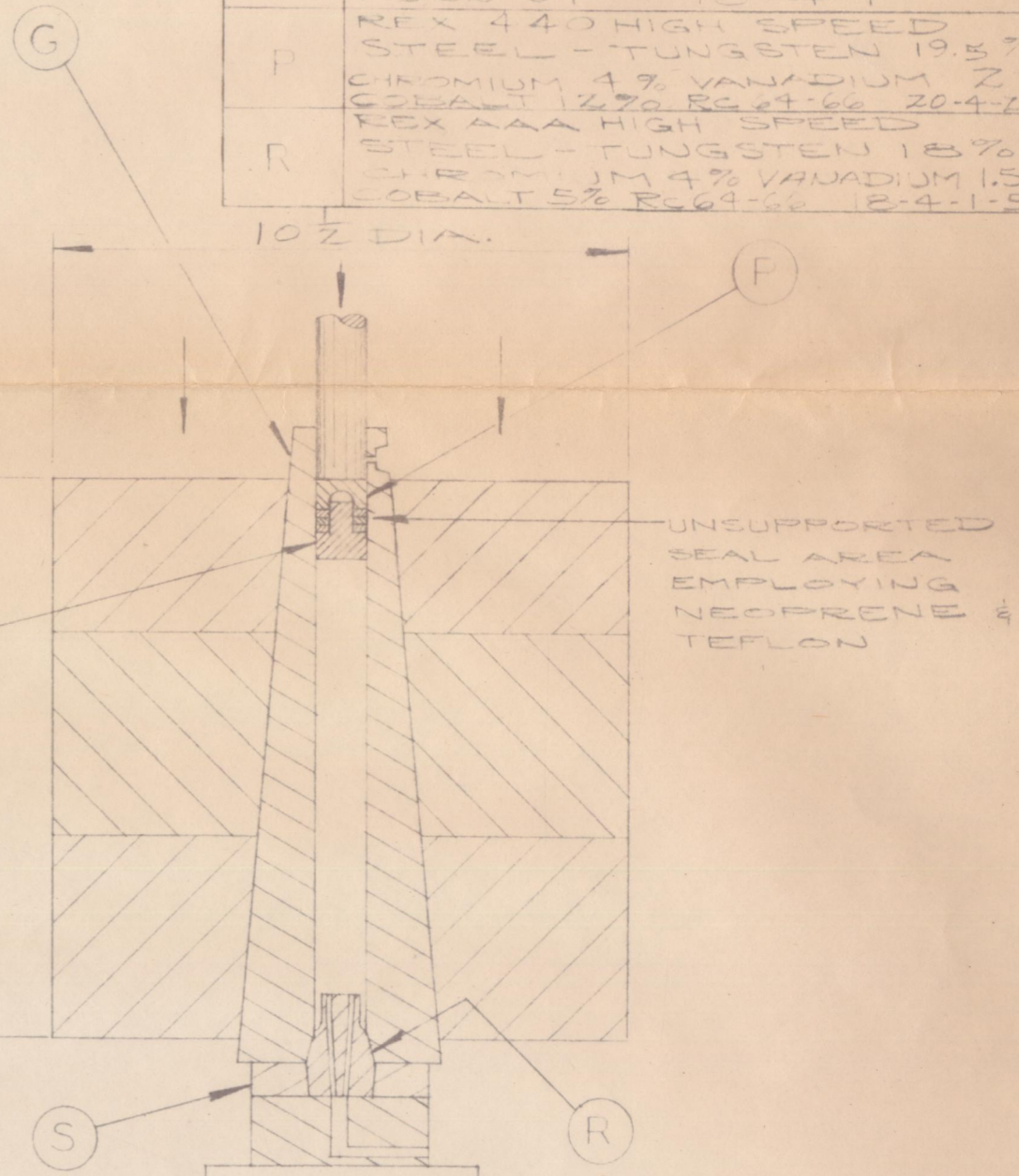
LOWER RAM TRAVEL 2"

1,000,000 LB. THRUST GENERATOR

3 1/4"-16N CLASS 3 THD. (TYP. BOTH ENDS)

CONFIDENTIAL

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McCARTNEY MFG. CO.
BAXTER SPRINGS KANSAS

ILLUSTRATION DRAWING OF PRESSURE-GENERATING SYSTEM

SCALE 3/16" = 1" DATE 4-18-62

MATL - HEAT TREAT - DWG. J. LARSON

PART No. - APPR. [Signature]

CATALOG No. - DWG. No. SK-CI-023.62

UNLESS OTHERWISE SPECIFIED
TOLERANCE: FRACTIONS — DECIMALS —
BREAK SHARP CORNERS AND EDGES — ALL OVER.
SURFACE FINISH — ALL OVER.

REV.	REF. No.	REF. No.
△	△	△
△	△	△
△	△	△

NOTE: GIVEN DIMENSIONS ARE NOMINAL.