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SAE AS41

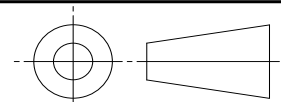
THIS NONCURRENT STANDARD HAS BEEN STABILIZED.

STABILIZED NOTICE

THIS DOCUMENT HAS BEEN DECLARED "STABILIZED" BY THE SAE E-25 GENERAL STANDARDS FOR AEROSPACE AND PROPULSION SYSTEMS AND WILL NO LONGER BE SUBJECTED TO PERIODIC REVIEWS FOR CURRENCY. USERS ARE RESPONSIBLE FOR VERIFYING REFERENCES AND CONTINUED SUITABILITY OF TECHNICAL REQUIREMENTS. NEWER TECHNOLOGY MAY EXIST.

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THIRD ANGLE PROJECTION



CUSTODIAN: E-25

SAE Aerospace
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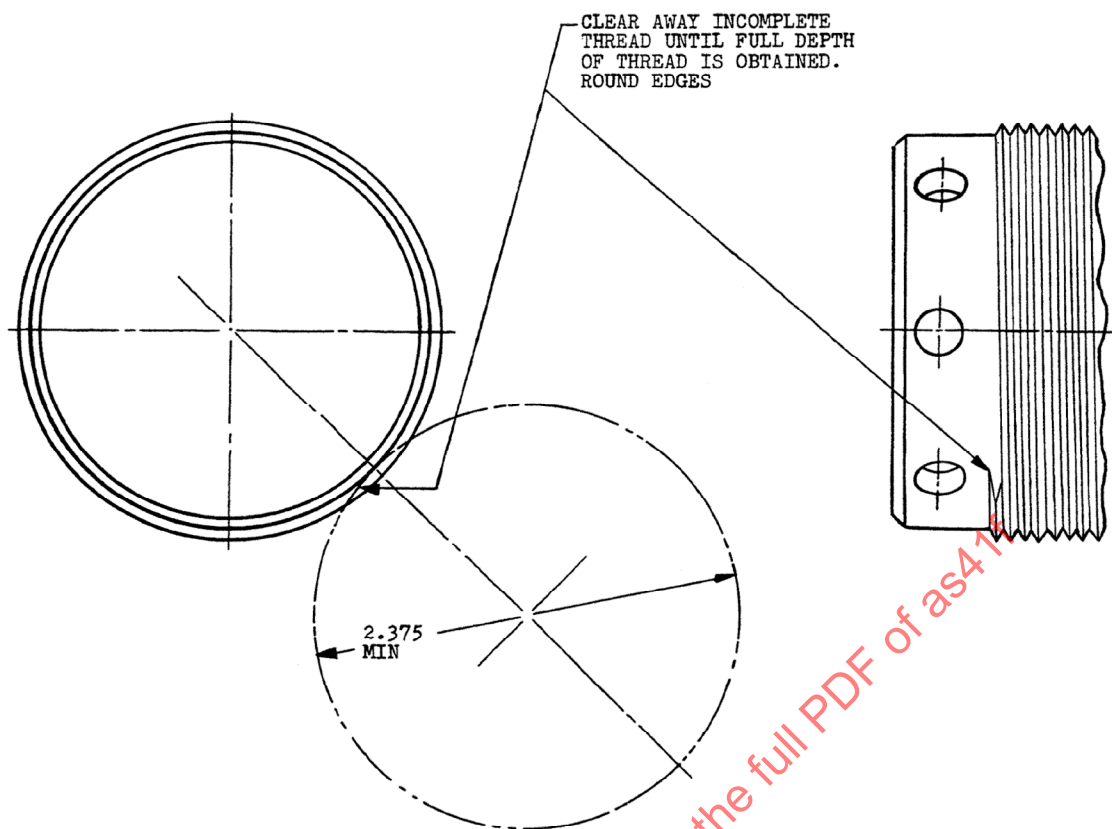
AEROSPACE STANDARD

PROPELLER SHAFT ENDS - SINGLE ROTATION

SAE AS41

REV.
F

ISSUED 1941-11	REVISED 1957-11	NONCURRENT 1973-08	REAFFIRMED NONCURRENT 2006-05	STABILIZED 2013-01
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REMOVAL OF INCOMPLETE THREAD
METHOD OF REMOVAL OPTIONAL

FIG. 2

DIMENSIONS IN INCHES
UNLESS OTHERWISE SPECIFIED
TOLERANCES
THREE PLACE DECIMALS $\pm .010$
ANGLES $\pm 2^\circ$

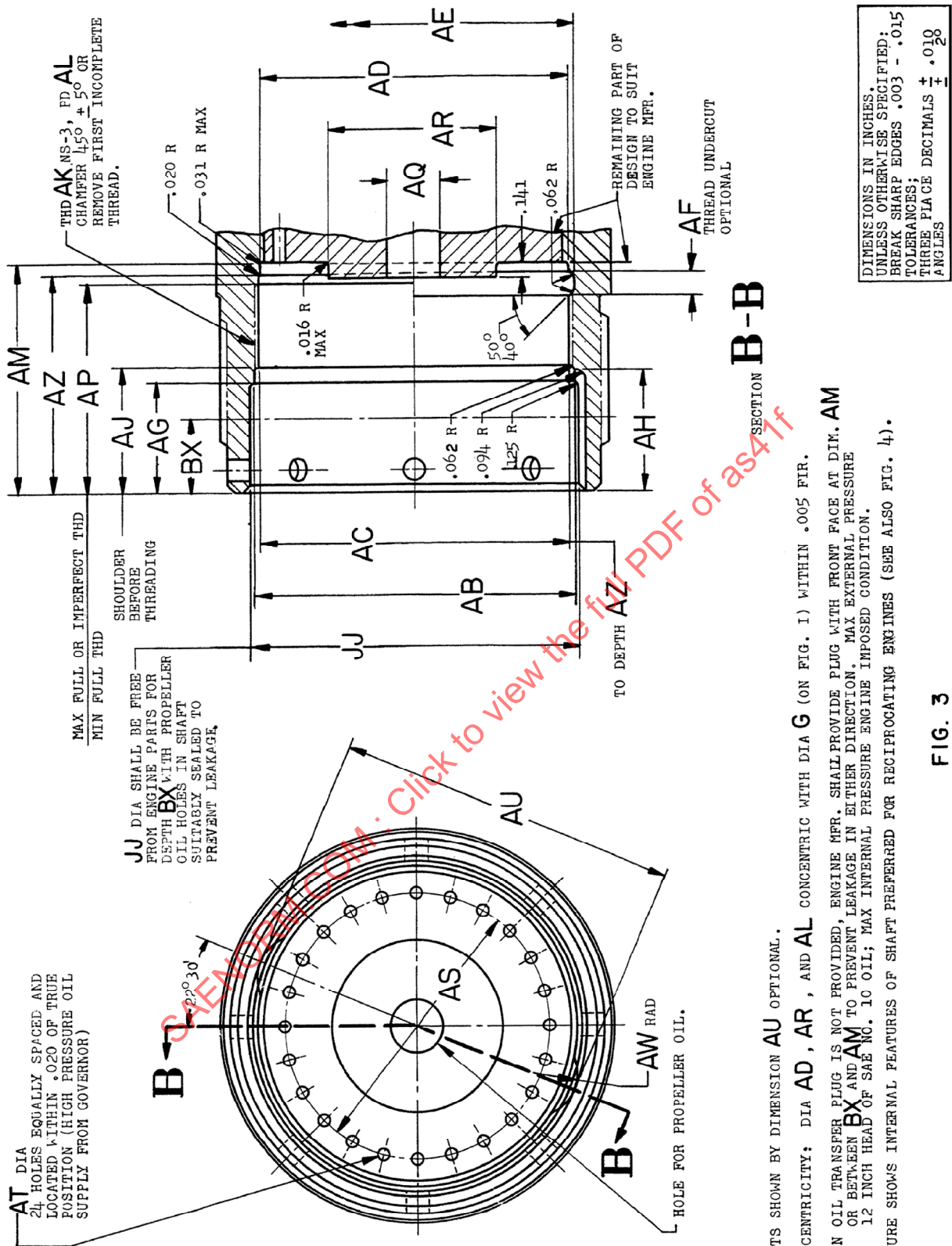


FIG. 3

SLCTS SHOWN BY DIMENSION AU OPTIONAL.

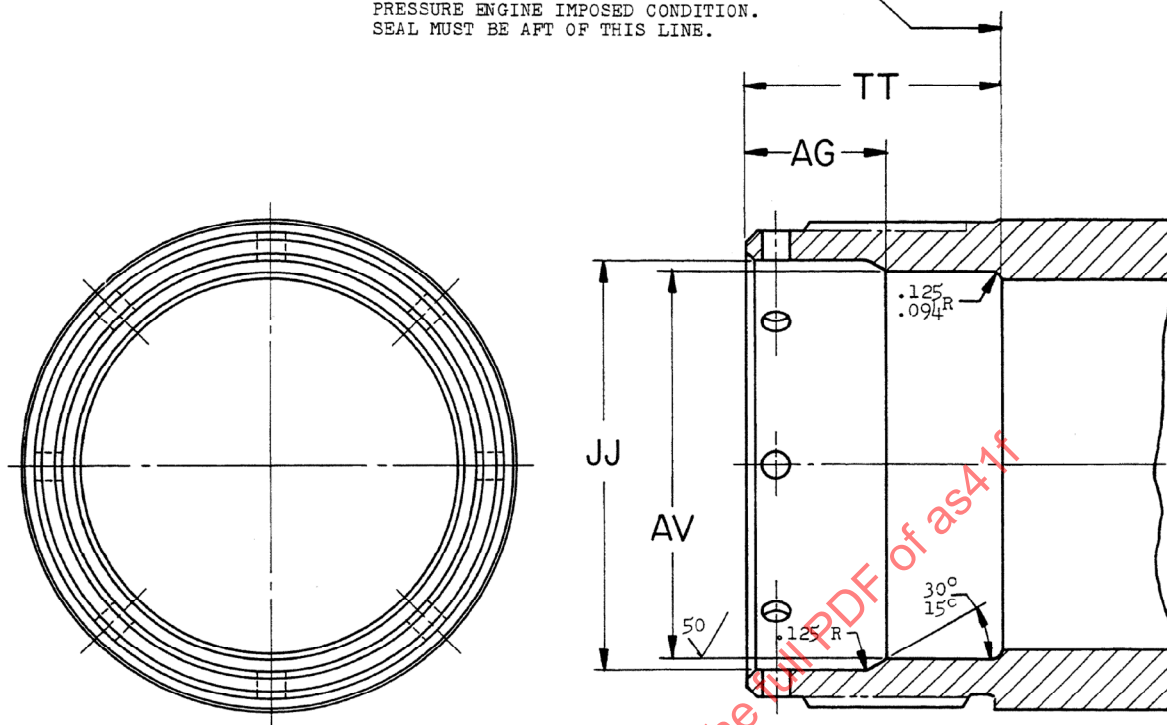
CONCENTRICITY: DIA AD, AR, AND AL CONCENTRIC WITH DIA G (ON FIG. 1) WITHIN .005 FIR.

WHEN OIL TRANSFER PLUG IS NOT PROVIDED, ENGINE MFR. SHALL PROVIDE PLUG WITH FRONT FACE AT DIM. AM OR BETWEEN BX AND AM TO PREVENT LEAKAGE IN EITHER DIRECTION. MAX EXTERNAL PRESSURE 12 INCH HEAD OF SAE NO. 10 OIL; MAX INTERNAL PRESSURE ENGINE IMPOSED CONDITION.

FIGURE SHOWS INTERNAL FEATURES OF SHAFT PREFERRED FOR RECIPROCATING ENGINES (SEE ALSO FIG. 4).

DIMENSIONS IN INCHES.
UNLESS OTHERWISE SPECIFIED:
BREAK SHARP EDGES .003 - .015
TOLERANCES;
THREE PLACE DECIMALS $\pm .010$
ANGLES

ENGINE MFR SHALL SEAL SHAFT TO
PREVENT LEAKAGE IN EITHER DIRECTION.
MAX EXTERNAL PRESSURE 12 INCH HEAD
OF SAE NO. 10 OIL. MAX INTERNAL
PRESSURE ENGINE IMPOSED CONDITION.
SEAL MUST BE AFT OF THIS LINE.



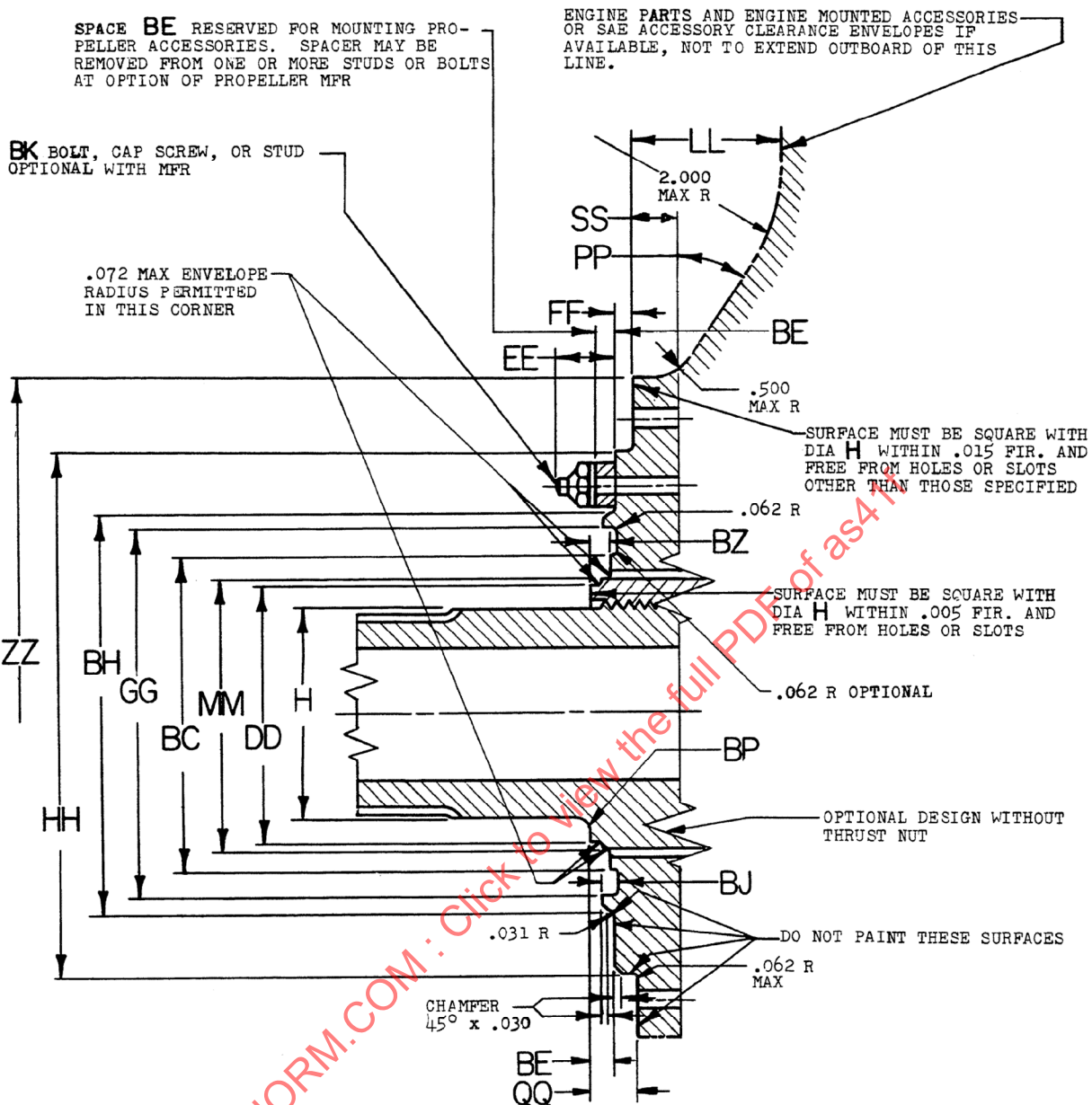
CONCENTRICITY: DIA AV CONCENTRIC WITH DIA G (ON FIG. 1) WITHIN .005 FIR.

FINISH: FOR INTERPRETATION OF SURFACE ROUGHNESS SYMBOL $\sqrt{\text{ }}$. SEE AS 291.

INTERNAL DETAILS FOR CONFIGURATION WITHOUT OIL TRANSFER PROVISIONS (SEE ALSO FIG. 3).

FIG. 4

DIMENSIONS IN INCHES
UNLESS OTHERWISE SPECIFIED:
BREAK SHARP EDGES .003 - .015
TOLERANCES;
THREE PLACE DECIMALS $\pm .010$



NO. 51A

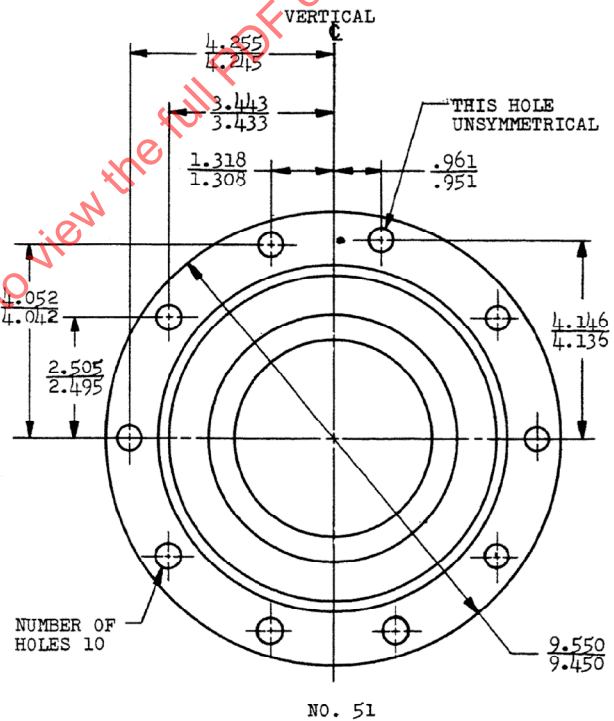
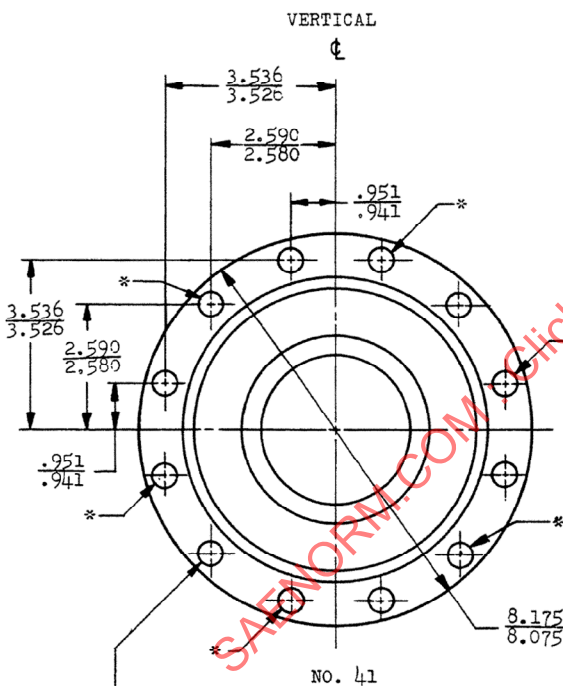
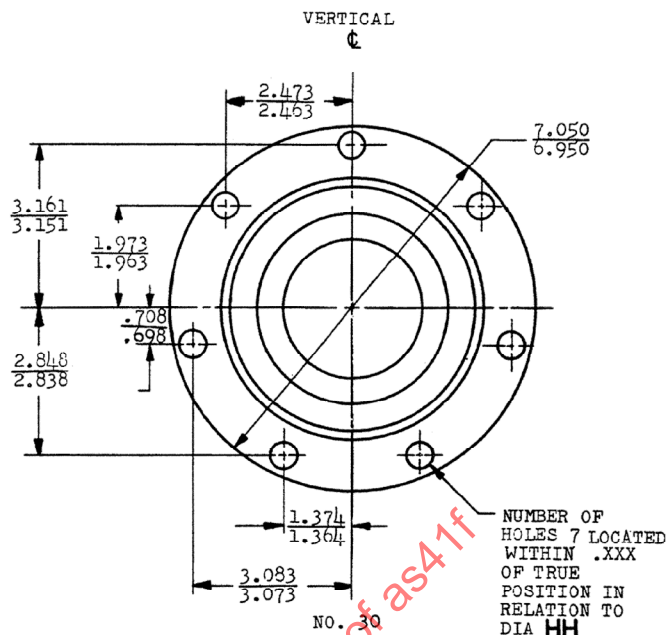
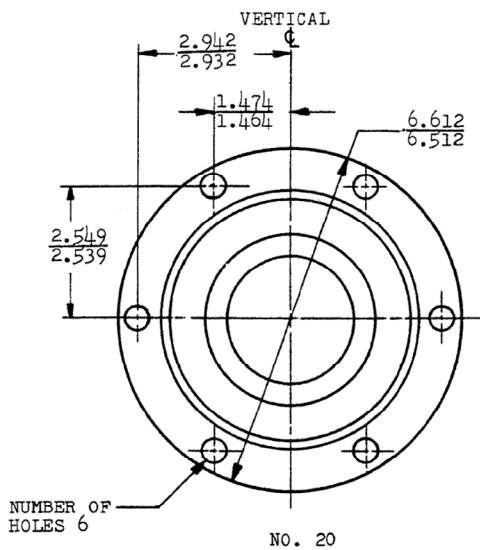
CONCENTRICITY NOTE:

DIA H AND HH TO BE
CONCENTRIC WITHIN .007 FIR.

BREAK EDGES .016

FIG. 6

DIMENSIONS IN INCHES
UNLESS OTHERWISE SPECIFIED
TOLERANCES
THREE PLACE DECIMALS $\pm .010$
ANGLES $\pm 2^\circ$



NUMBER OF HOLES 6 OR 12 WHEN 6 HOLES ARE USED, HOLES MARKED * ARE TO BE OMITTED

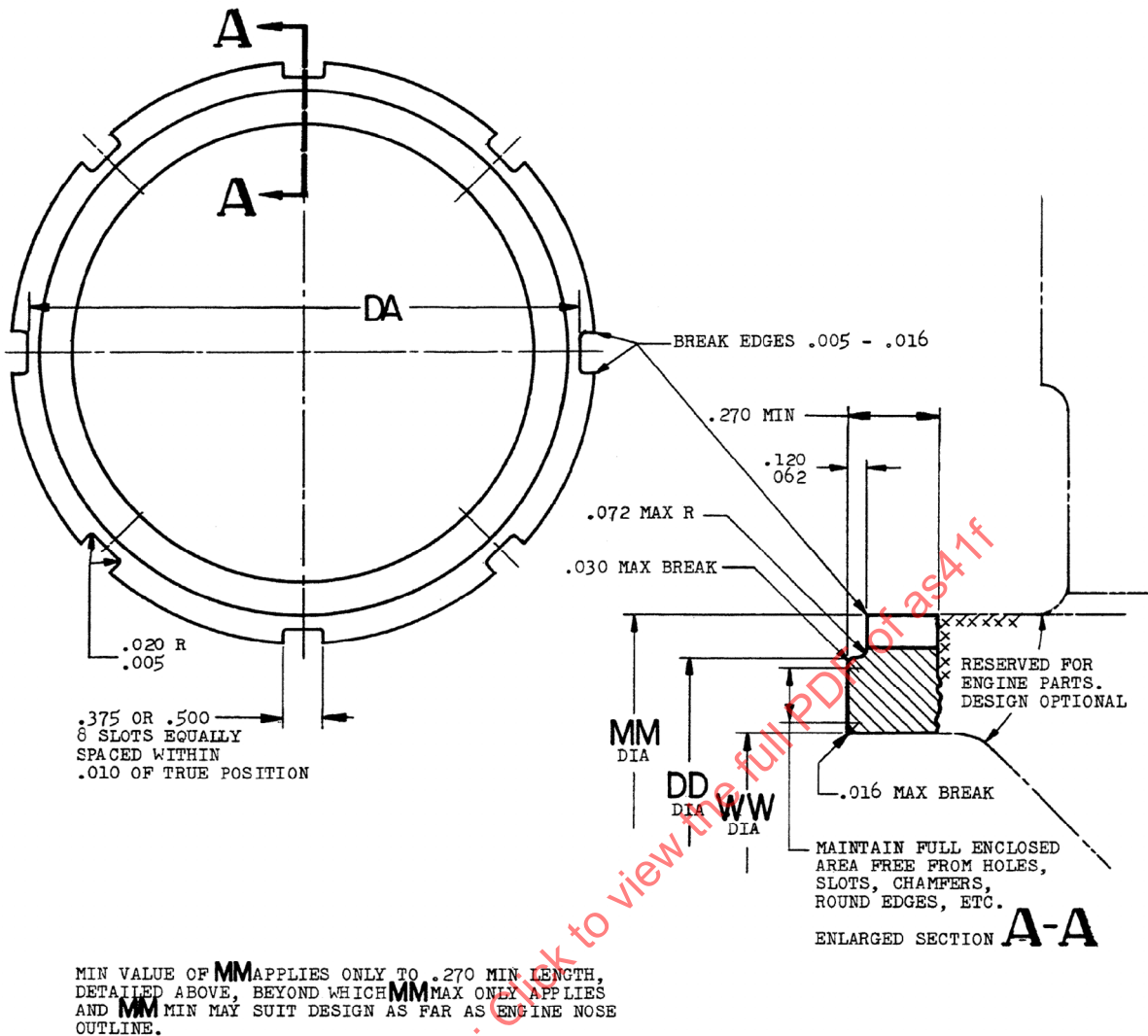
SEE FIGS 5 AND TABLES FOR OTHER APPLICABLE DIMENSIONS

BREAK EDGES .016

NOSE END PLAN VIEWS

FIG. 7

DIMENSIONS IN INCHES
UNLESS OTHERWISE SPECIFIED
TOLERANCES
THREE PLACE DECIMALS $\pm .010$
ANGLES $\pm 2^\circ$



PROPELLER SHAFT THRUST NUT
WHEN APPLICABLE

FIG. 10

DIMENSIONS IN INCHES
UNLESS OTHERWISE SPECIFIED
TOLERANCES
THREE PLACE DECIMALS $\pm .010$
ANGLES $\pm 2^\circ$