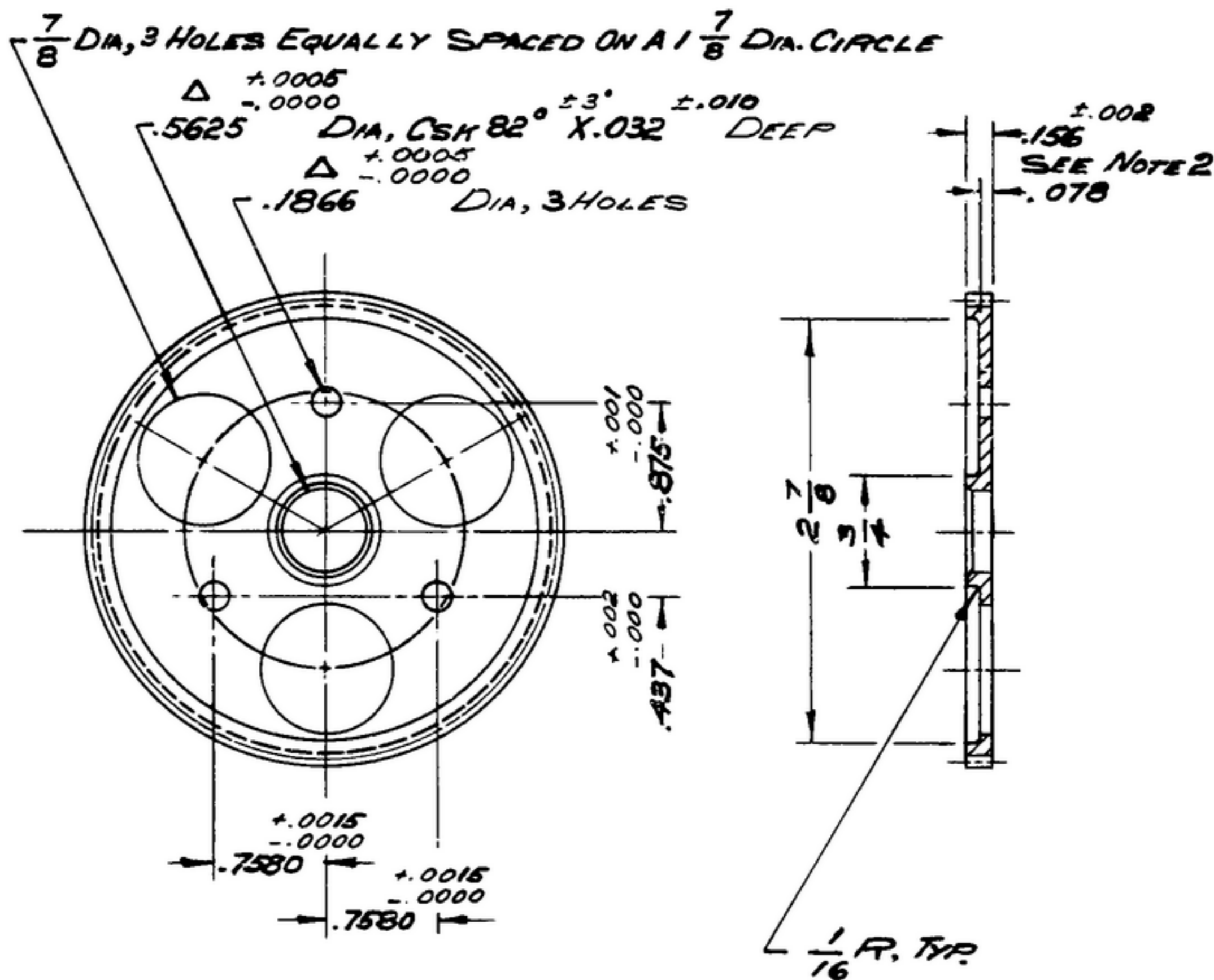


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NOTICE: When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility or any obligation whatsoever, and the fact that the Government may have furnished, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use or sell any patented invention that may in any way be related thereto.

NEXT ASSEMBLY	USED ON	SWE. APPROVAL	SYMBOL	REVISIONS	DATE	APPROVAL
SM-B-178867	SC-DL-178962	<i>[Signature]</i>	A4	A1 - RENUMBERED NOTES & ADDED NOTE #7; A2 - ADDED APPL. SM-B-178867, SC-DL-24877E; A3 - COMP. 301 WAS COMP. G; A4 - FINISH: WAS PER SPEC. MIL.-P-12011.	9 OCT. 59	42428-PC-59-A1-SI REV'D. PME
(A2) SM-B-178867	SC-DL-248775	<i>[Signature]</i>				



(A1)

NOTES:

(A3)

- 1.- STEEL, COMP. 301 COND. 1/2 H, PER SPEC MIL-S-5059.
- 2.- NORMAL DIAMETRAL PITCH: 32
THEORETICAL PITCH DIAMETER: 3.125
PRESSURE ANGLE: 20°
NUMBER OF TEETH: 100
BACKLASH ON NORMAL PITCH CIRCLE WHEN MATED WITH MASTER .001-.002
AMERICAN STANDARD INVOLUTE TOOTH FORM
- 3.- TOLERANCE PERTINENT TO 3/4 DIAMETER ONLY.
- 4.- ECCENTRICITY BETWEEN DIAMETERS MARKED Δ AND PITCH DIAMETER SHALL NOT EXCEED .002 TIR.
- 5.- AXIAL RUNOUT SHALL NOT EXCEED .010 TIR, AT 1.500 RADIUS.
- 6.- REMOVE ALL BURRS & SHARP EDGES.
- 7.- FINISH: E 300 PER SPEC. MIL-F-14072.

(A4)

NOTE:

FOR INFORMATION ONLY,
CONTRACTOR MAY AT HIS
OPTION DEVIATE FROM
THESE PROCESS DETAILS

UNLESS OTHERWISE SPECIFIED	AUTHENTICATION	DESCRIPTION	DATE	SCALE	INDEX
DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS ± 1/64 DECIMALS ± .005 ANGLES ± COMMERCIAL TOLERANCES APPLY TO STOCK SIZES ALL SURFACES	DRAWN 2/1852-AN-30-99 TRACED PHOTO CHECKED <i>[Signature]</i> VERIFIED P.D.BR. APPROVED P.D.BR. REVIEWED PME DATE 22-JUNE-59	GEAR		1/1	SEE NOTE 6
					DEPARTMENT OF THE ARMY SIGNAL CORPS ENGINEERING LABORATORIES FORT MONMOUTH NEW JERSEY SM-C-178868

WHEN REFERRING TO THIS DRAWING STATE DRAWING NO., APPLICABLE ISSUE SYMBOL AND DATE