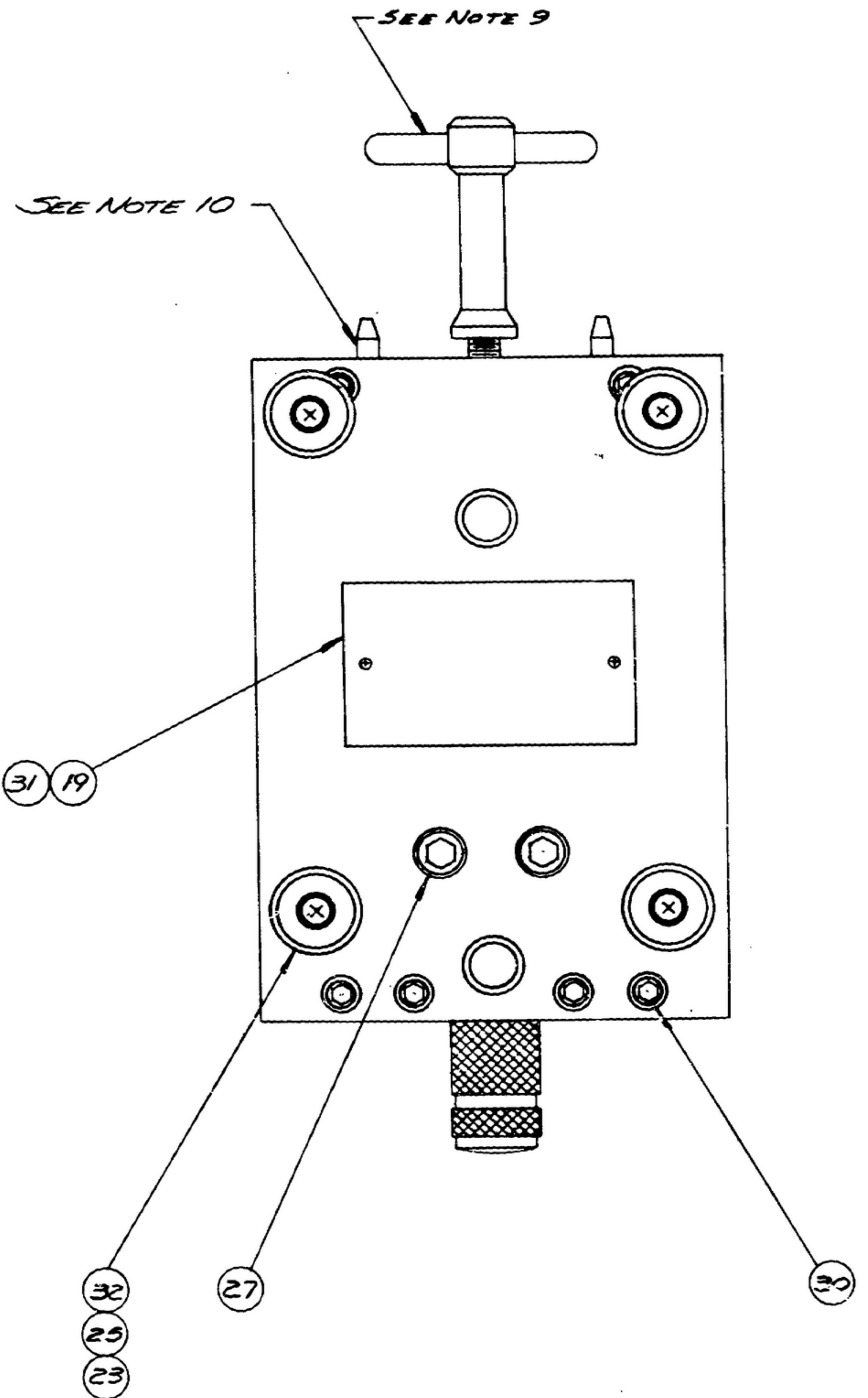
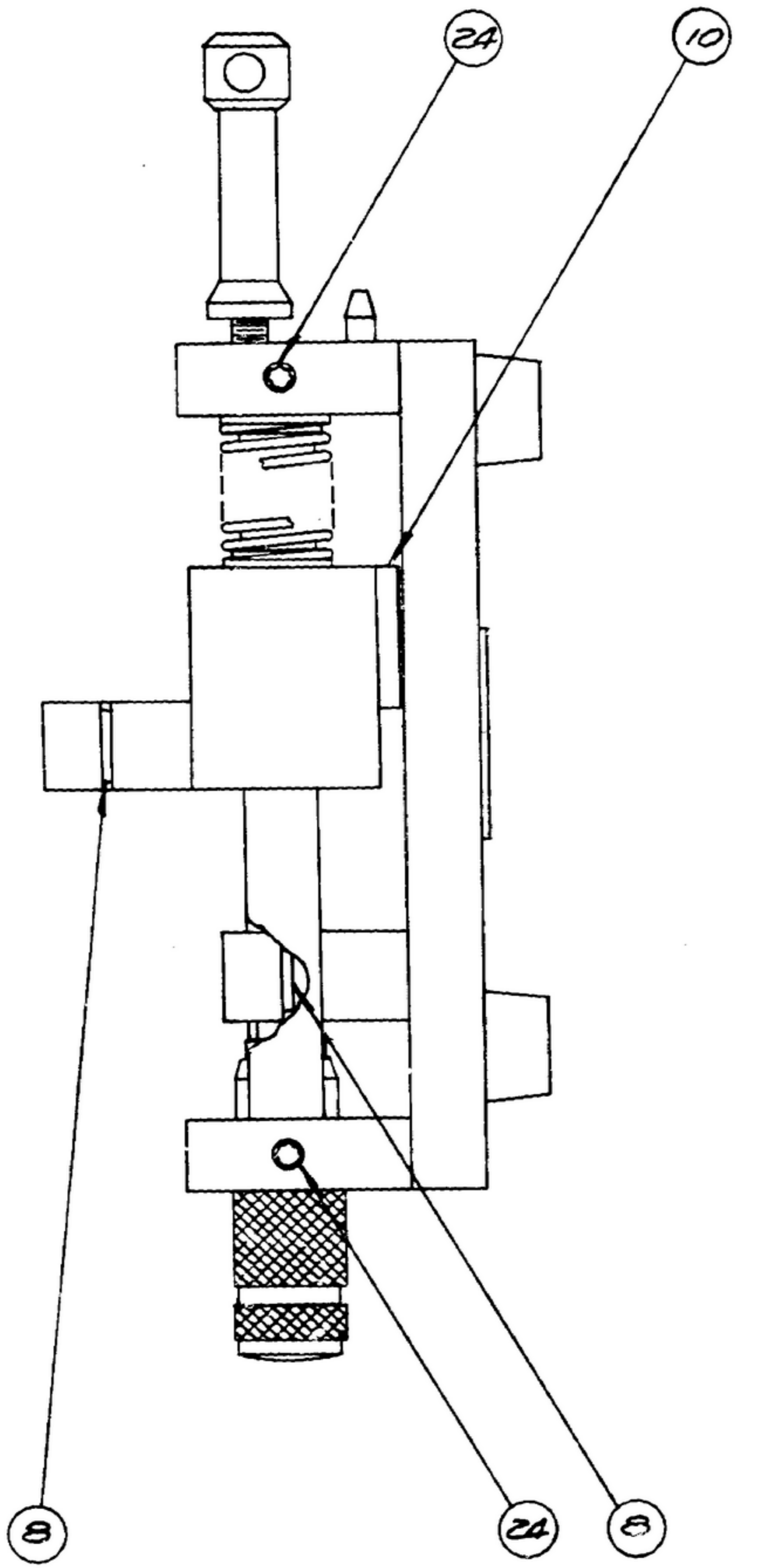
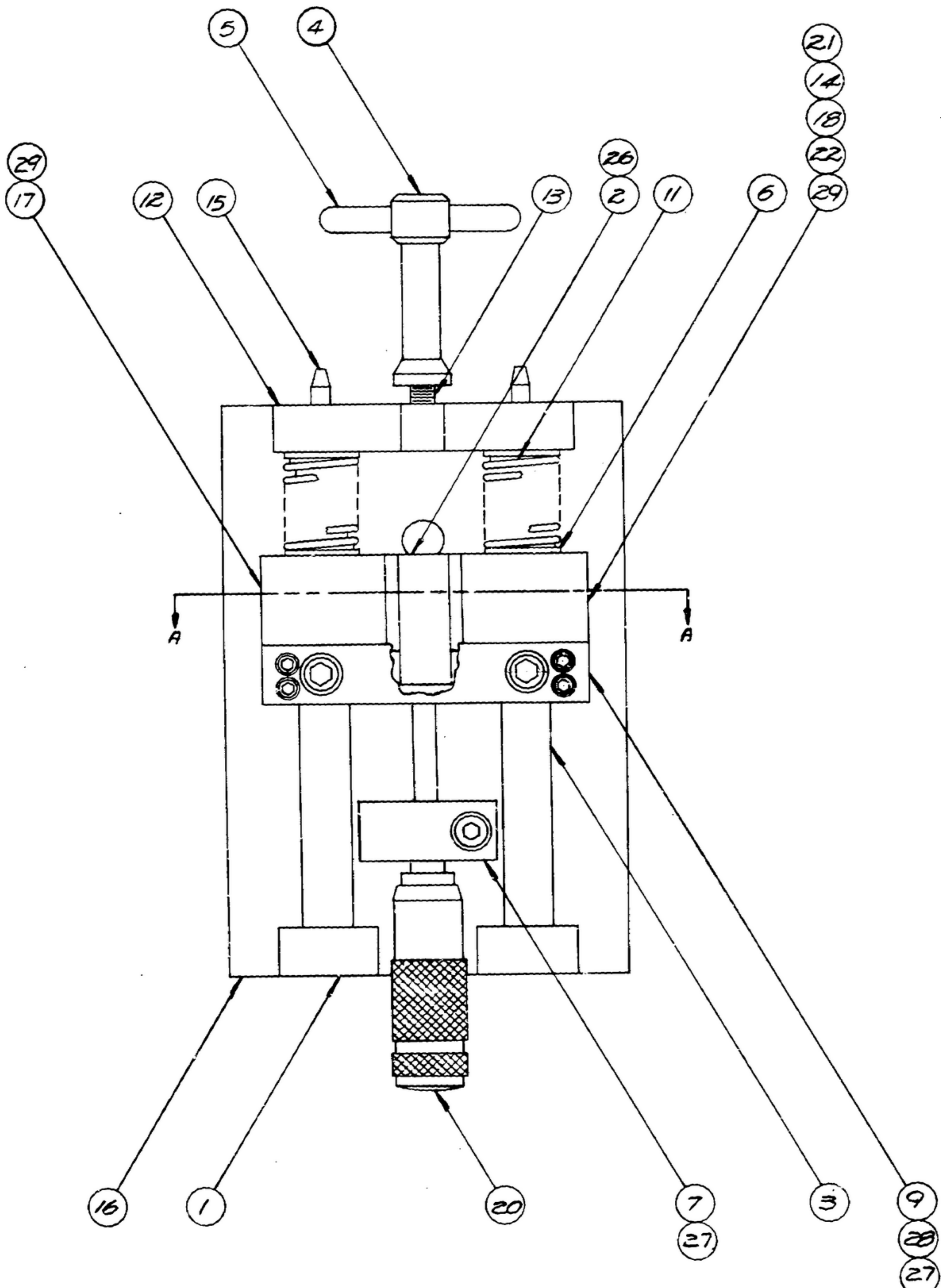
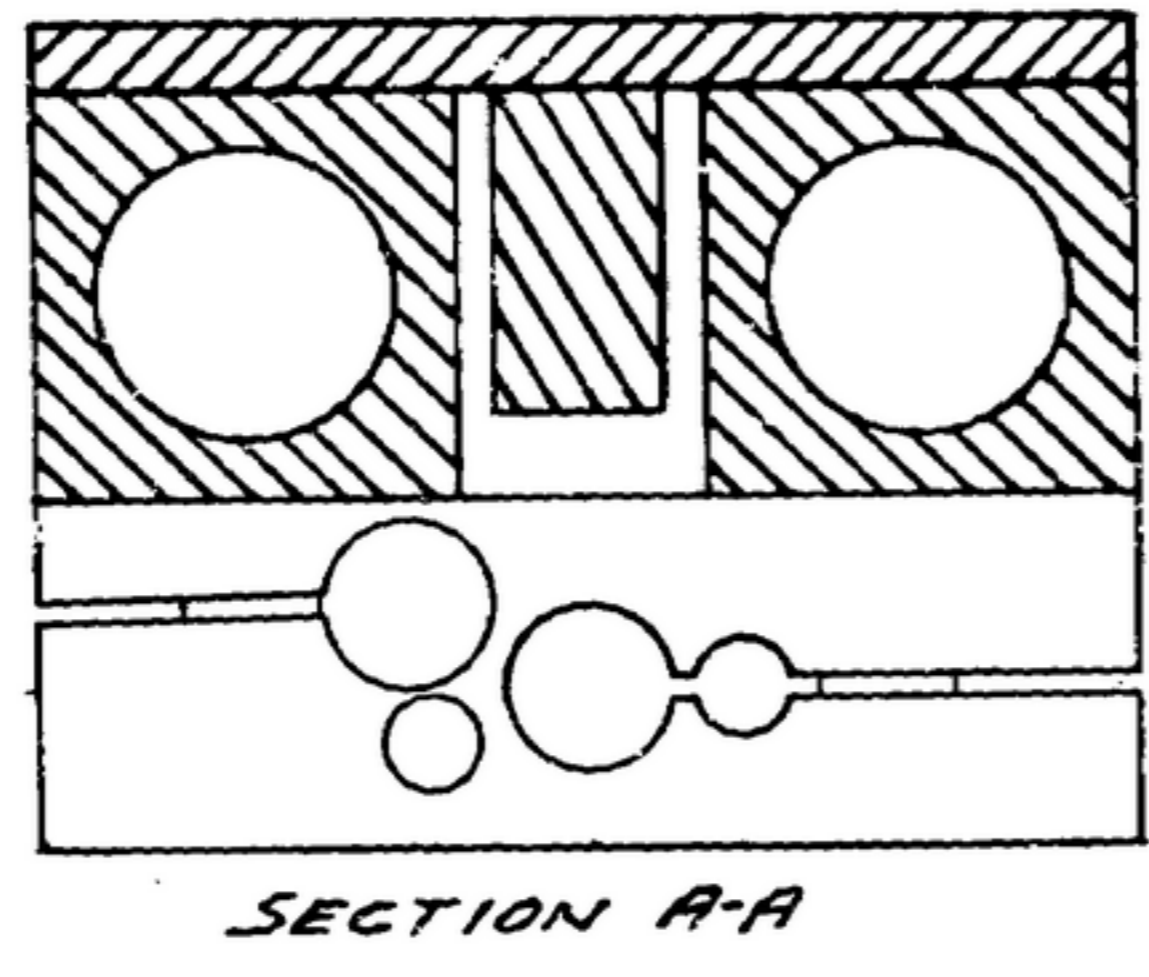


THIS DRAWING HAS BEEN PREPARED BY THE CONTRACTOR AND IS SUBJECT TO THE APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE DATA AND THE DESIGN OF THE DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INTERCHANGEABILITY OF THE PARTS AND THE FUNCTIONALITY OF THE DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INTERCHANGEABILITY OF THE PARTS AND THE FUNCTIONALITY OF THE DRAWING.

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



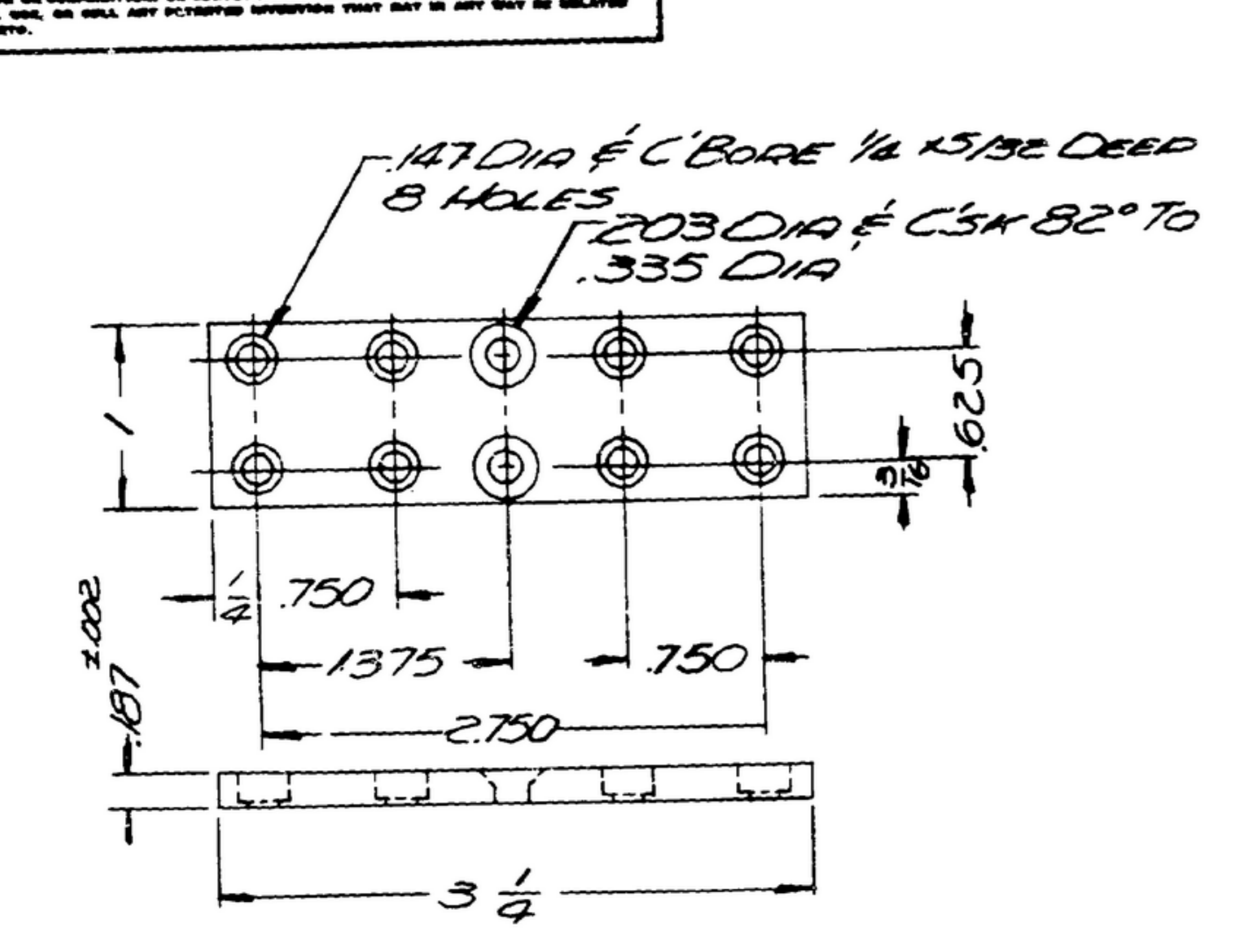
- NOTES
1. SUPPLIED BY LAYELL RUBBER CO, CHICAGO, ILL. OR EQUAL.
 2. SUPPLIED BY LUFKIN RULE CO, SPOKANE, WASH. OR EQUAL.
 3. SUPPLIED BY THOMPSON INDUSTRIES, INC., MANHATTAN, N.Y. OR EQUAL.
 4. SUPPLIED BY WALDES HORNOLD INC, LONG ISLAND CITY, N.Y. OR EQUAL.
 5. SUPPLIED BY SHARPEPROOF INC, CHICAGO, ILL. OR EQUAL.
 6. SUPPLIED BY BRISTOL CO, WATERBURY, CONN. OR EQUAL.
 7. SUPPLIED BY FINEOLL MFG CO, CHICAGO, ILL. OR EQUAL. (PHILLIPS CROSS RECESSED)
 8. SUPPLIED BY POLYCHEMICAL DRGT. DUPONT CO, WILMINGTON, N.J. OR EQUAL.
 9. PRESS PIN (3) IN SHEET (18)
 10. PRESS PINS (15) IN BLOCK (12)
 11. SCREW THREADS SHALL BE PER H&B.
 12. SUPPLIED BY PACKED ALON COPP, CLIFTON N.J. OR EQUAL.
 13. FINISHES PER MIL-E-14072.
 14. REMOVE ALL BURRS AND SHARP EDGES.

QTY	NO	DESCRIPTION	MATL	FINISHED SIZE	QTY MOVE
32	4	-32 BUNDED #747D RUBBER			1
31	2	-31 DOME SCREW	STEEL	3/16 X .0500	12
30	6	-30 WEL CAP 2.00X3.00X1/2			6
29	8	-29 WEL CAP 6.50X3.00X1/2			8
28	4	-28 WEL CAP 6.50X3.00X3/8			4
27	4	-27 WEL CAP 14.00X3.00X1/2			4
26	2	-26 WEL CAP 6.50X3.00X3/8			7
25	4	-25 WEL CAP 6.50X3.00X3/8	STEEL		7
24	4	-24 SCREW 2.00X3.00X1/2			6
23	4	-23 WASHER NO 6 EXT.			5
22	4	-22 PINS #500-87			4
21	2	-21 BEARING #161420			3
20	1	-20 MICROMETER #01			2
19	1	-19 NAME PLATE	ALUM	2.00X1.00X.02	
18	1	-18 BLOCK		1.00X1.00X.10	
17	1	-17 BLOCK	ALUM	1.00X1.00X.10	
15	1	-15 BASE		2.00X1.00X.12	
15	2	-15 PIN	COES	3/4 X 3/16 DIA	
14	4	-14 WIPER	TEFLON	3/8 X 1/2 DIA	B
13	1	-13 SLUG	COES	1 X 1/4 DIA	
12	1	-12 SUPPORT	ALUM	3 X 1/8 X 1/2	3
11	2	-11 SPRING	BERYLON	2.30 X .500	
10	1	-10 PLATE		1.5 X 1.5 X .04	
9	1	-9 HOLDER		1 X 3/4 X 3/8	
8	2	-8 WASHER	ALUM	1/8 X 1/2 DIA	
7	1	-7 BLOCK		1.00 X 1.00 X .10	
6	4	-6 BUSHING		1/2 X .7500	
5	1	-5 PIN		2 X 1/8 DIA	
4	1	-4 SHEET		2 X 3/8 DIA	
3	2	-3 SHEET	COES	3.75 X 1.50 DIA	
2	1	-2 ANVIL		1.00 X 1.00 X 1/2	
1	2	SMD-57297 BLOCK	ALUM	1.00 X 1.00 X 1/2	2

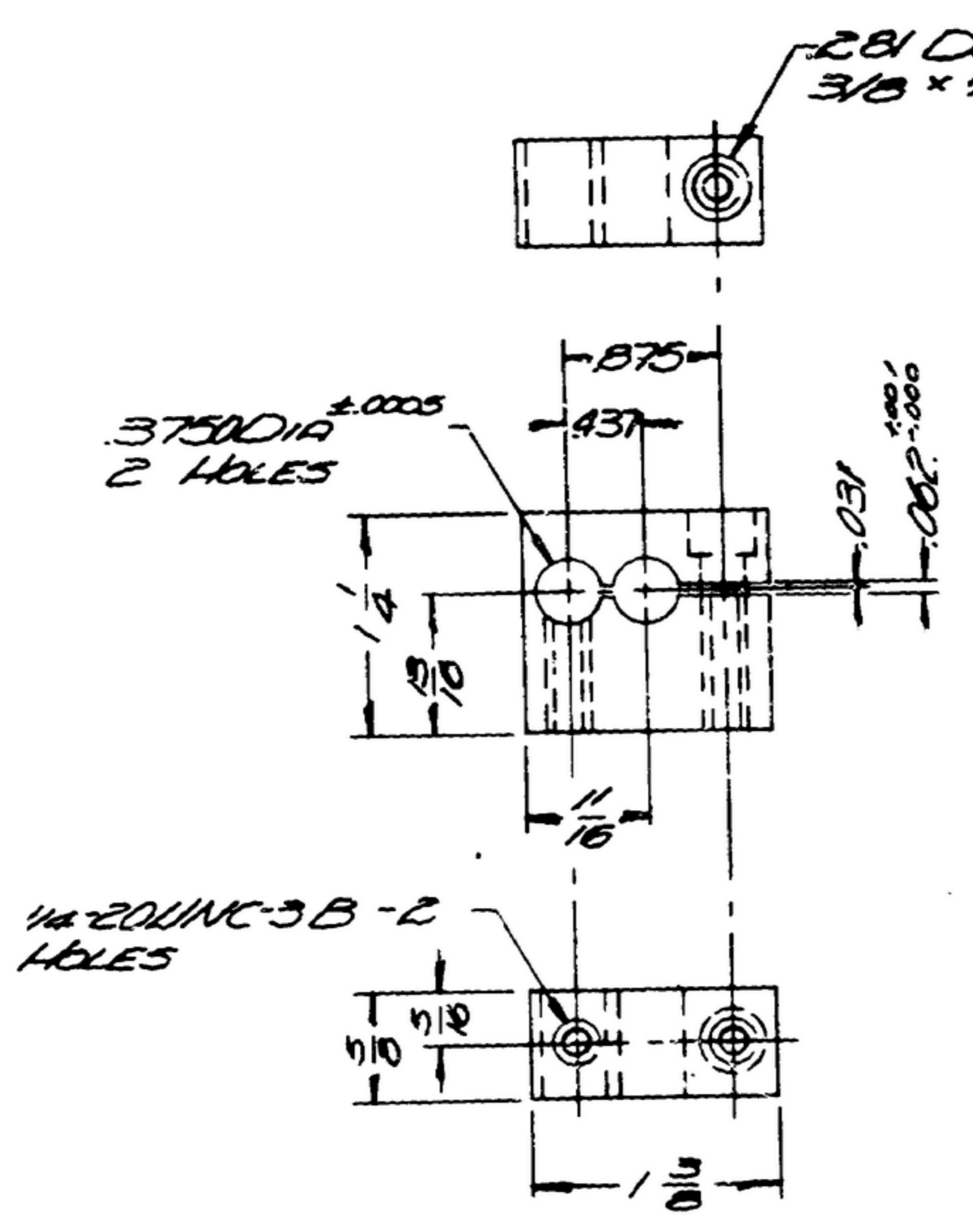
UNLESS OTHERWISE SPECIFIED DIMENS. ARE IN INCHES TOLERANCES ON FRACTIONS DECIMALS ANGLES ±.1 ±.005 ±.1		COLLINS PROCO CO 1070-1455-83 SIGNAL CORPS	GAGE FOR CHECKING INTERCHANGEABILITY OF R-390A/URR & R-392/URR COILS	DEPARTMENT OF THE ARMY SIGNAL CORPS ENGINEERING LABORATORY FORT MONMOUTH NEW JERSEY SM-D-57292 SHEET 1 OF 3 SHEETS
REVIEWED XXX APPROVED [Signature] DATE 2 AUG 56	SCALE 1/1	APPLICATION	WHEN REFERRED TO THIS DRAWING STATE DRAWING NO., APPLICABLE ISSUE SYMBOL, IF ANY, AND DATE.	

ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE IN INCHES AND DECIMALS THEREOF. DIMENSIONS ON FRACTIONS SHALL BE TO NEAREST 1/32 INCH UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON DECIMALS SHALL BE TO NEAREST 0.001 INCH UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON ANGLES SHALL BE TO NEAREST 15 MINUTES UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON ROUNDS SHALL BE TO NEAREST 0.001 INCH UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON TOLERANCES SHALL BE TO NEAREST 0.001 INCH UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON HOLE LOCATIONS SHALL BE TO NEAREST 0.001 INCH UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON HOLE DIAMETERS SHALL BE TO NEAREST 0.001 INCH UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON HOLE DEPTHS SHALL BE TO NEAREST 0.001 INCH UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON HOLE SPACINGS SHALL BE TO NEAREST 0.001 INCH UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON HOLE OFFSETS SHALL BE TO NEAREST 0.001 INCH UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON HOLE ANGLES SHALL BE TO NEAREST 15 MINUTES UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON HOLE ROUNDS SHALL BE TO NEAREST 0.001 INCH UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON HOLE TOLERANCES SHALL BE TO NEAREST 0.001 INCH UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON HOLE HOLE LOCATIONS SHALL BE TO NEAREST 0.001 INCH UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON HOLE HOLE DIAMETERS SHALL BE TO NEAREST 0.001 INCH UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON HOLE HOLE DEPTHS SHALL BE TO NEAREST 0.001 INCH UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON HOLE HOLE SPACINGS SHALL BE TO NEAREST 0.001 INCH UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON HOLE HOLE OFFSETS SHALL BE TO NEAREST 0.001 INCH UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON HOLE HOLE ANGLES SHALL BE TO NEAREST 15 MINUTES UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON HOLE HOLE ROUNDS SHALL BE TO NEAREST 0.001 INCH UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON HOLE HOLE TOLERANCES SHALL BE TO NEAREST 0.001 INCH UNLESS OTHERWISE SPECIFIED.

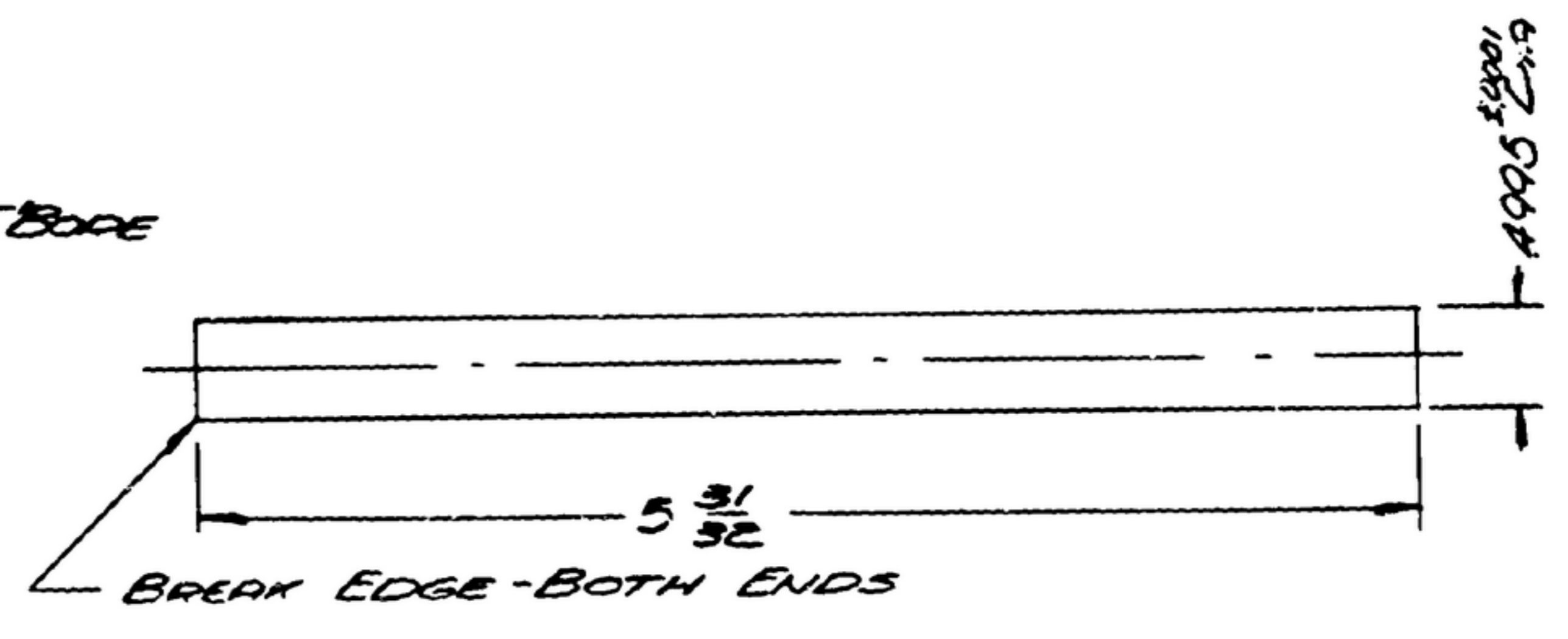
FOR INFORMATION ONLY. CONTRACTOR MAY AT HIS OPTION DEVIATE FROM THESE PROCESS DETAILS.



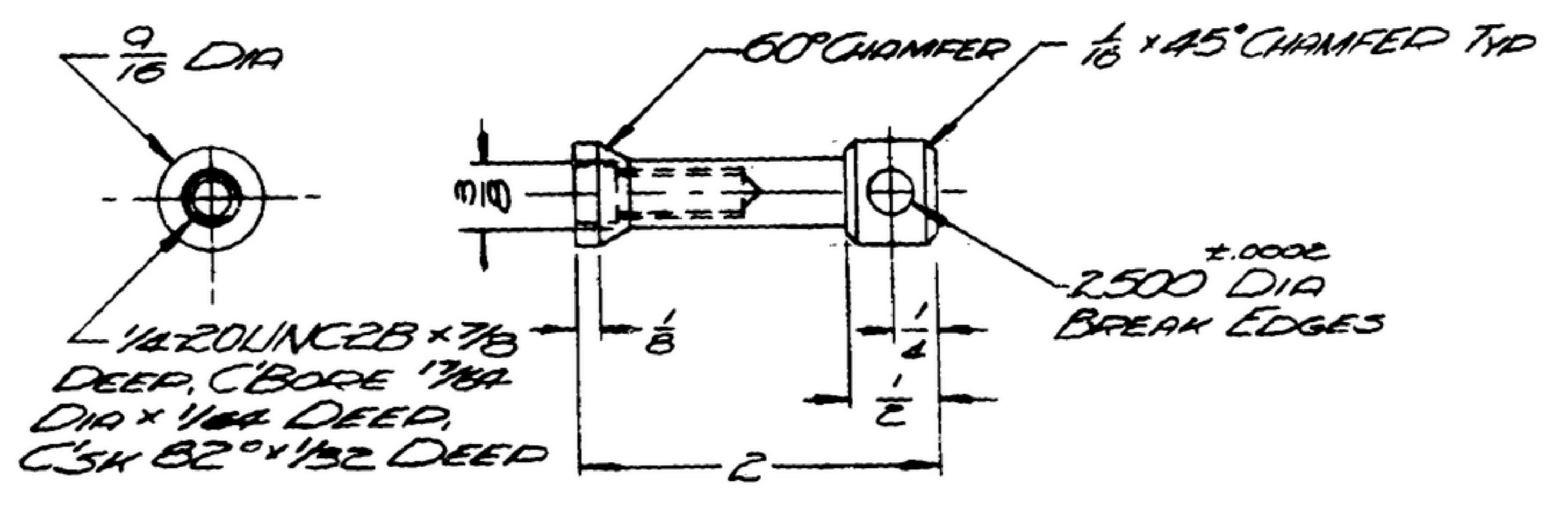
10 1 REQD - ALUM 245-T4 PER QQ-A-268 TEMPER T4 FINISH E513



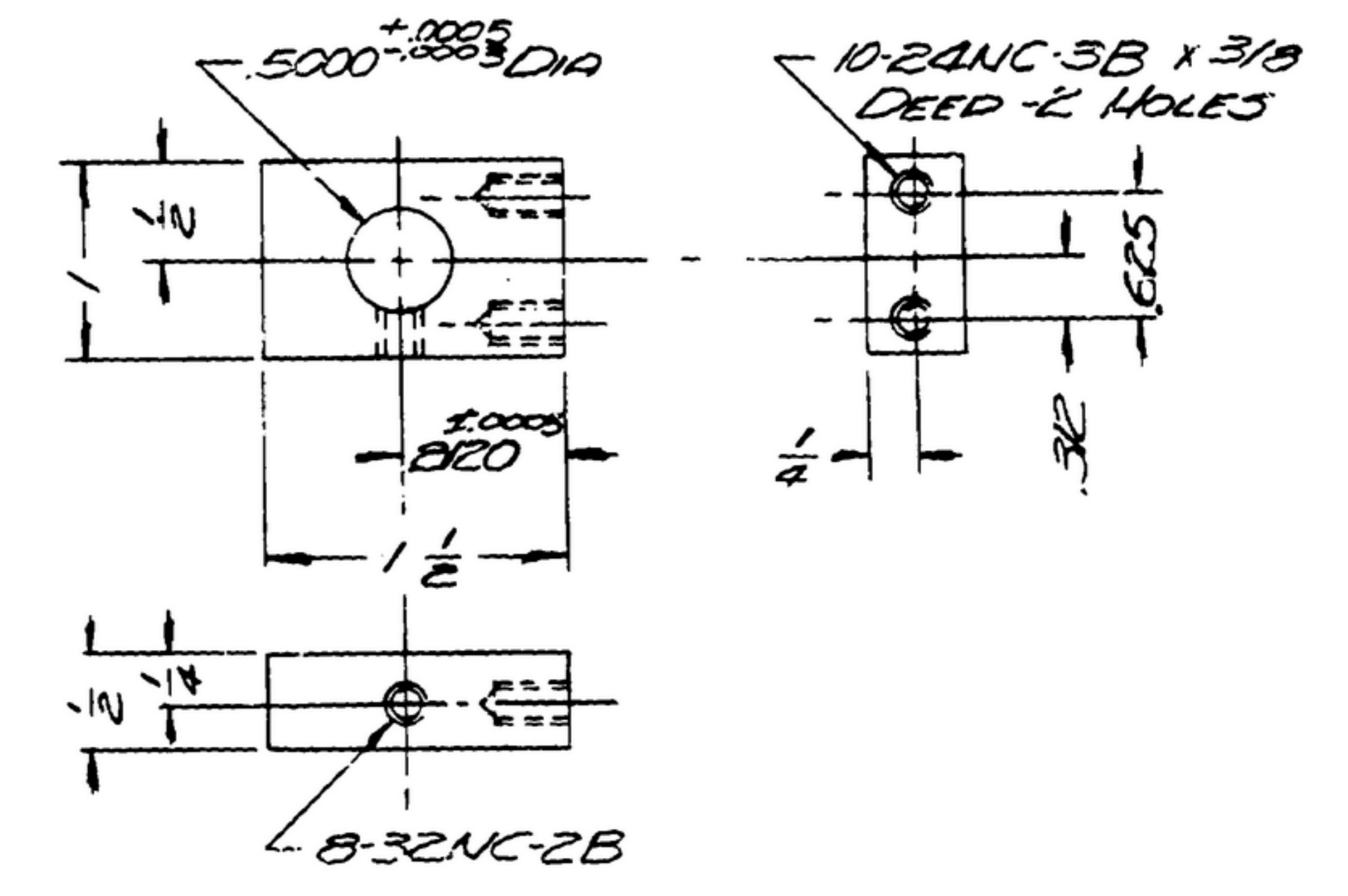
7 1 REQD - ALUM 245-T4 PER QQ-A-268 TEMPER T4 FINISH E513



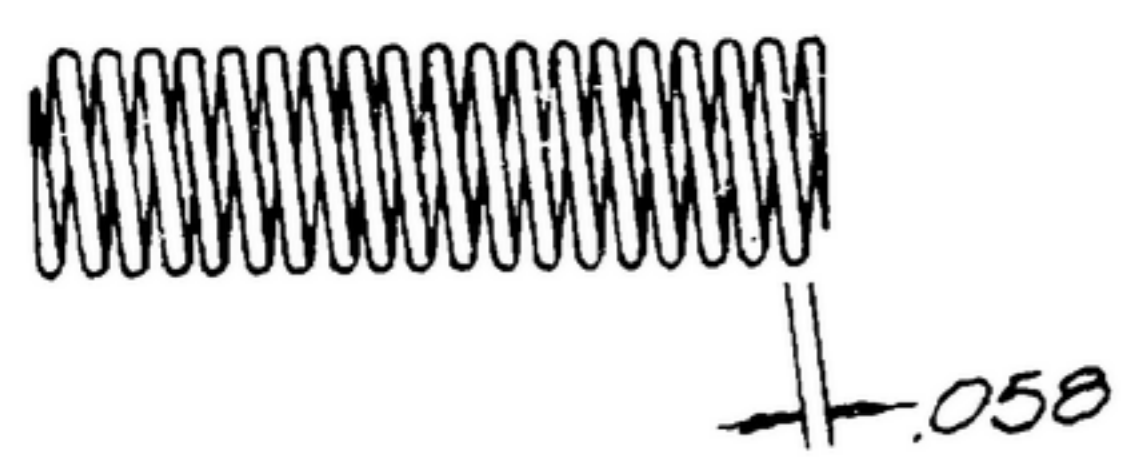
3 2 REQD - CRES CLASS 10 TYPE A PER QQ-5-763 FINISH E300



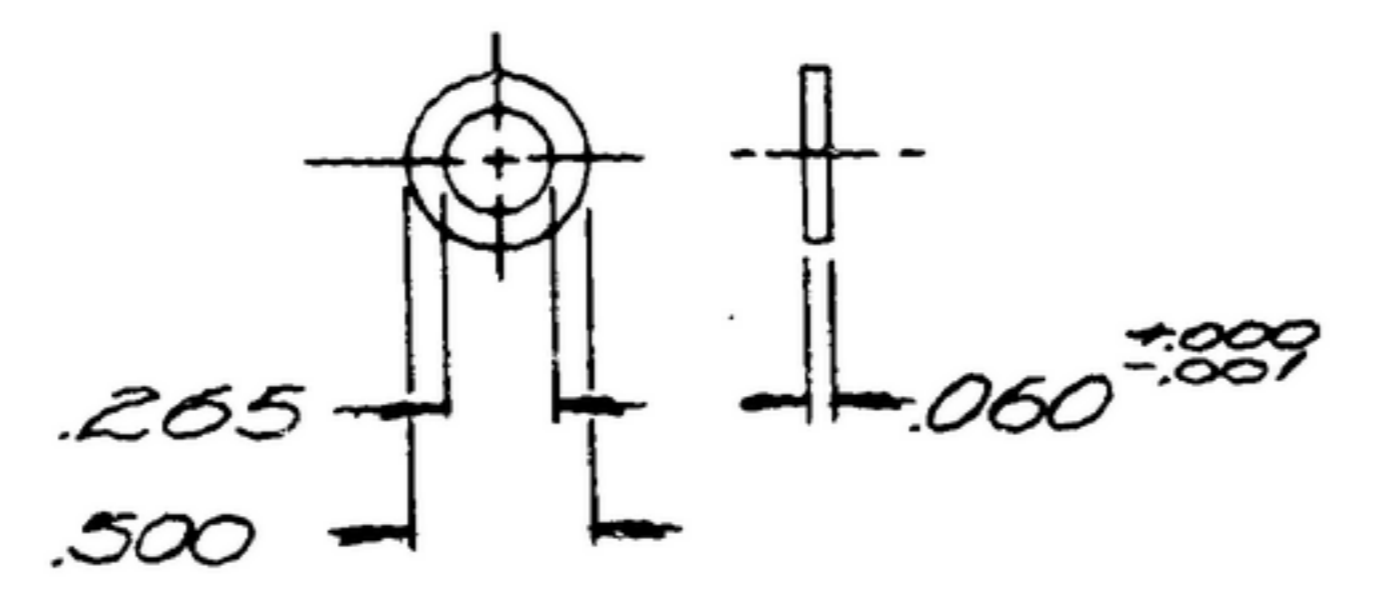
4 1 REQD - CRES CLASS 7 TYPE A PER QQ-5-763 FINISH E300



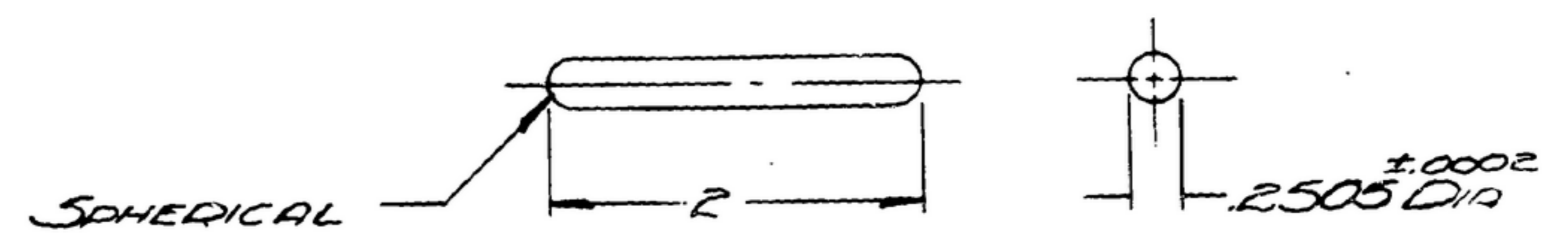
1 2 REQD - ALUMINUM 245-T4 PER QQ-A-268 TEMPER T4 FINISH E513



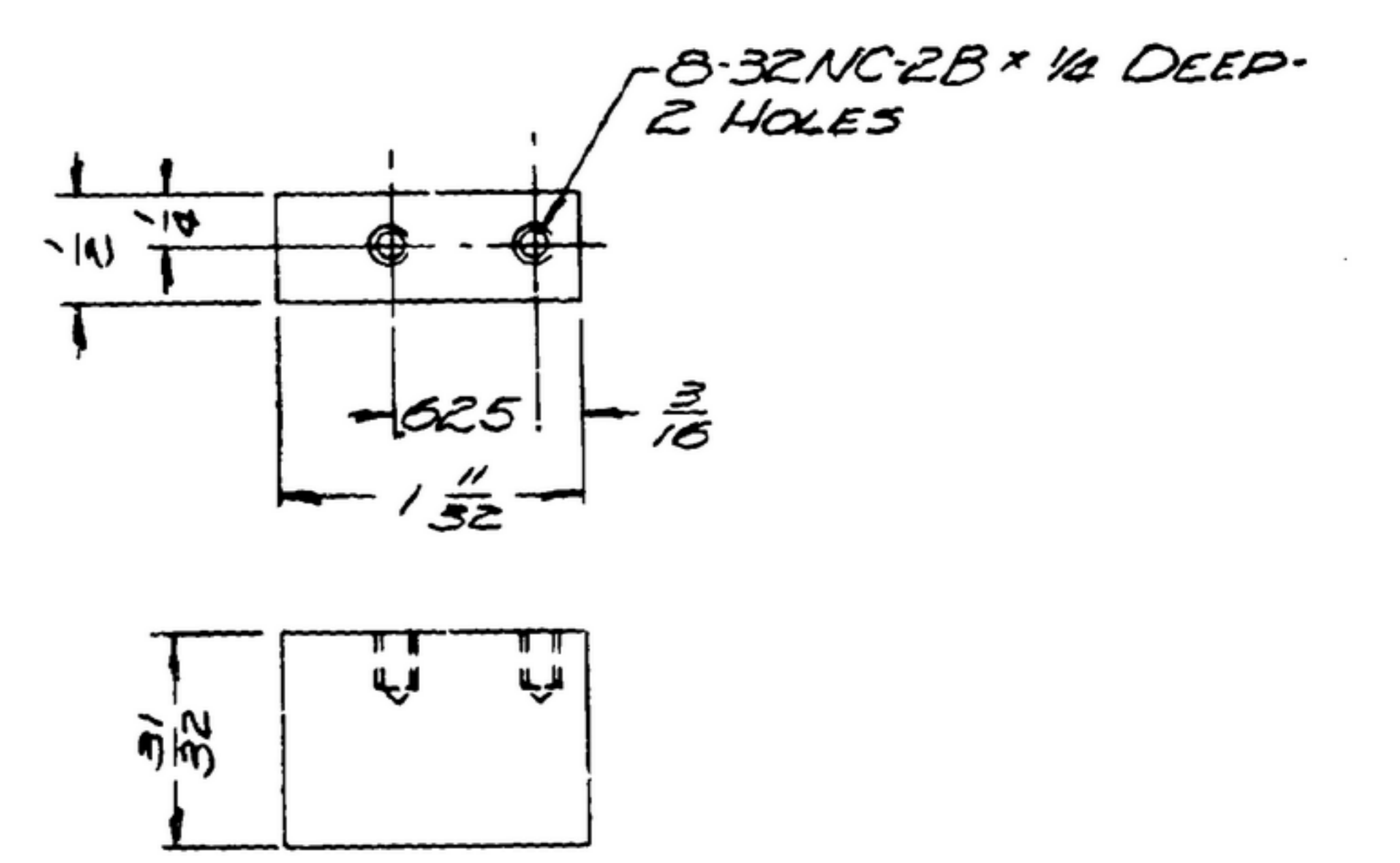
11 2 REQD - BERY COPPER WIRE PER QQ-C-530 COND A FINISH: BRIGHT ALLOY PLATE PER ALBALLOY PROCESS BY HANSON-VAN WINKLE-MUNNING, MATAMoras, N.J. OR EQUAL. I.D. 594 6 TURNS PER INCH FREE LENGTH 2.375 SOLID HEIGHT 1.316 PLAN ENDS GROUND HEAT TREAT - 600°F FOR 2 HOURS ON FORM



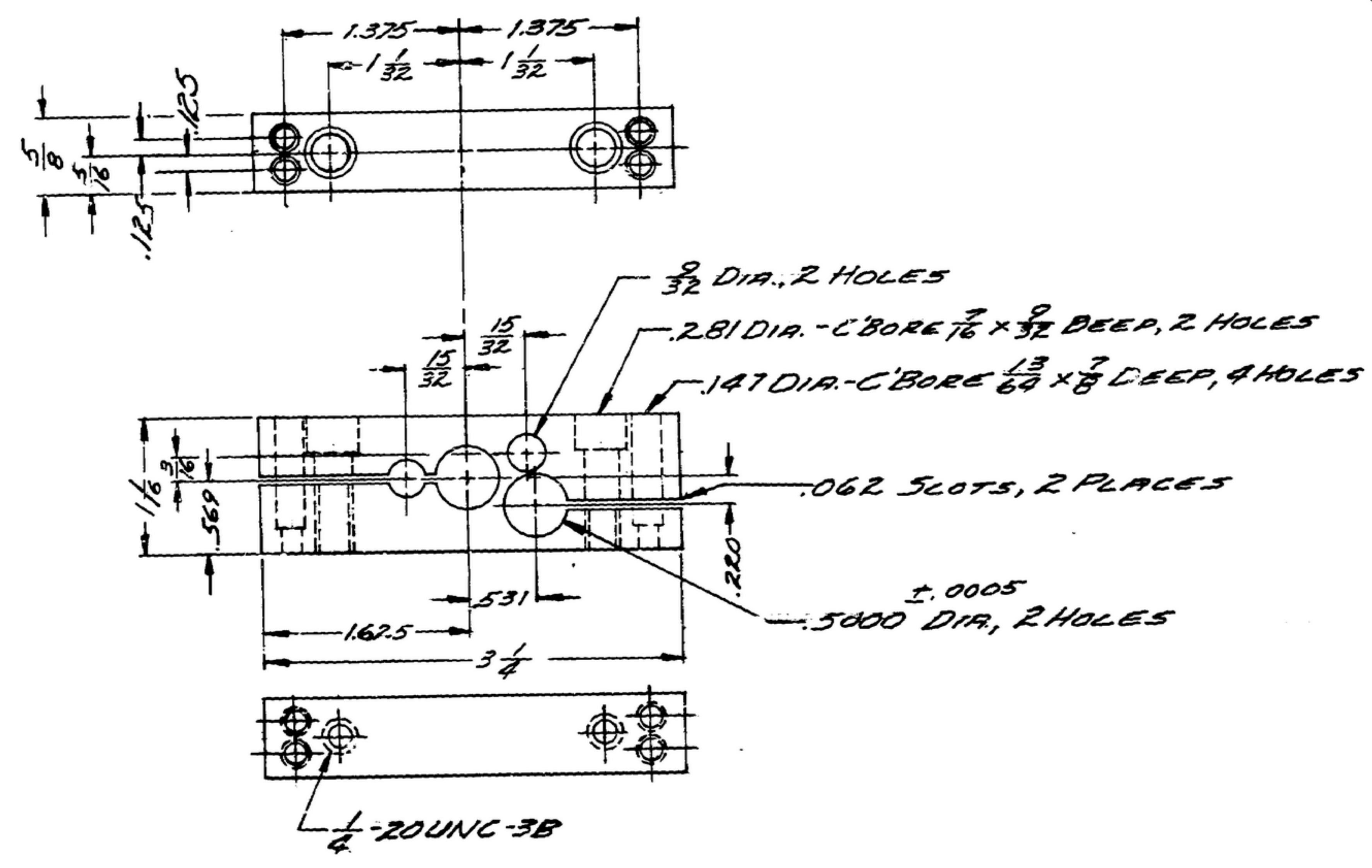
8 2 REQD - ALUM 245-T4 PER QQ-A-268 TEMPER T4 FINISH E513



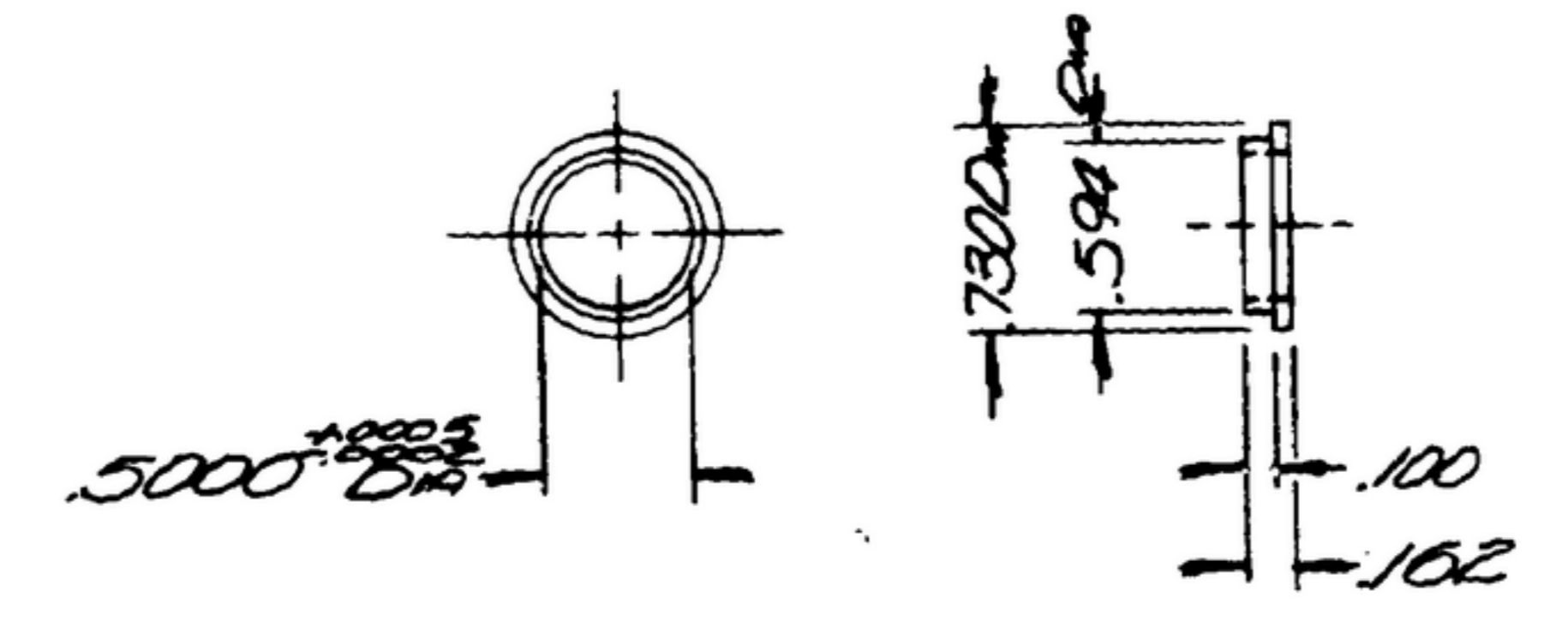
5 1 REQD - CRES CLASS 7 TYPE A PER QQ-5-763 FINISH E300



2 1 REQD - CRES CLASS 7 TYPE A PER QQ-5-763 FINISH E300



9 1 REQD - ALUM 245-T4 PER QQ-A-268 TEMPER T4 FINISH E513



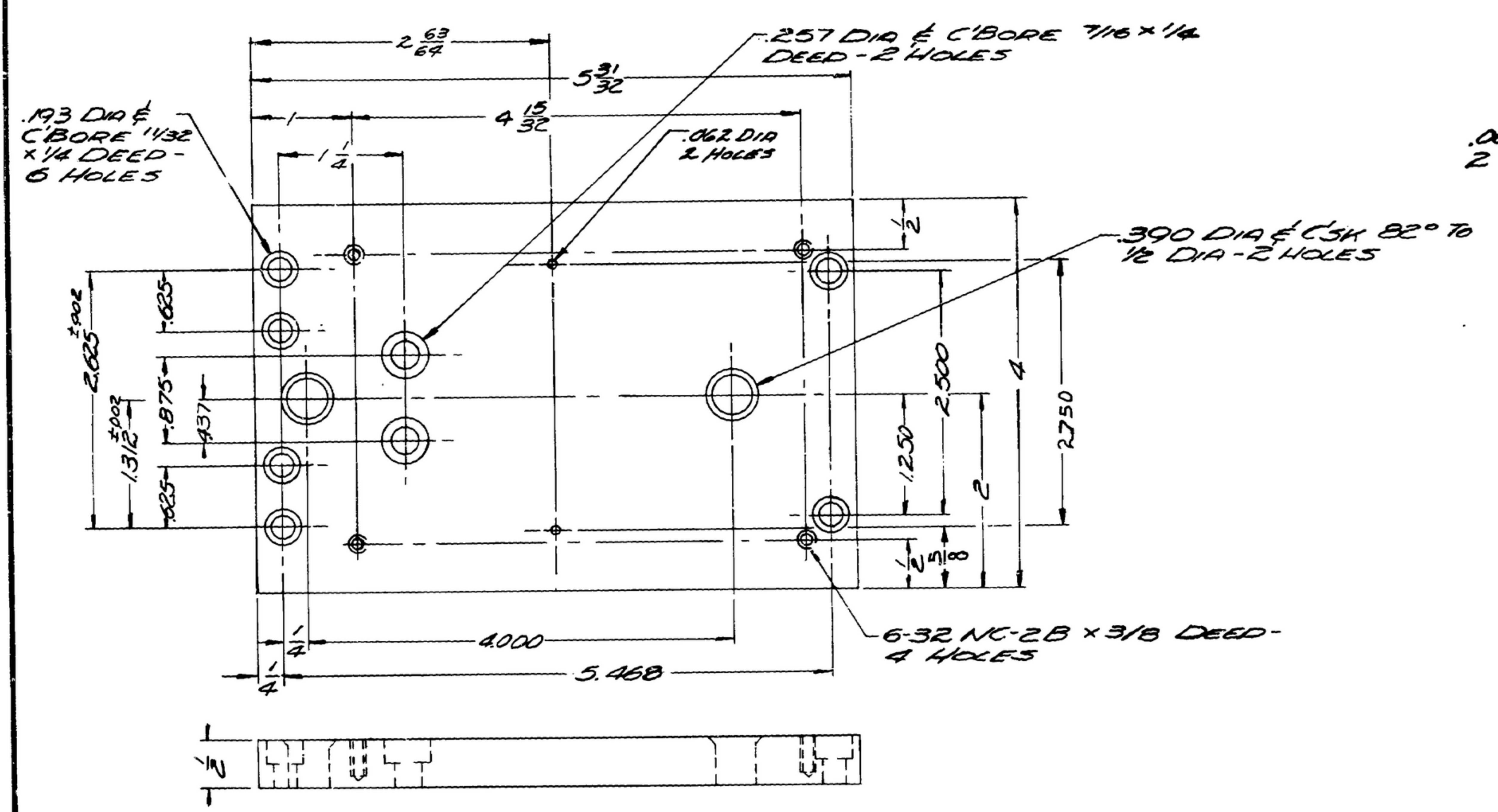
6 4 REQD - ALUM 245-T4 PER QQ-A-268 TEMPER T4 FINISH E513

DET. NO	ISS	PART NO.	DESCRIPTION	MATL	FINISHED SIZE	QTY	NOTE
LIST OF MATERIAL							
GAGE							
FOR CHECKING INTERCHANGEABILITY OF R-390A/URR & R-392/URR COILS							
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON FRACTIONS DECIMALS ANGLES							
+1/64 ±.005							
COLLINS DDDG Co. CEDAR RAPIDS, IA 52414-1435-93 SIGNAL CORPS							
REVIEWED XXX							
APPROVED [Signature]							
DATE 2 AUG 56 SCALE 1/1							
APPLICATION							
DEPARTMENT OF THE ARMY SIGNAL CORPS ENGINEERING LABORATORIES PORT MONMOUTH NEW JERSEY SM-D-57292 SHEET 2 OF 3							

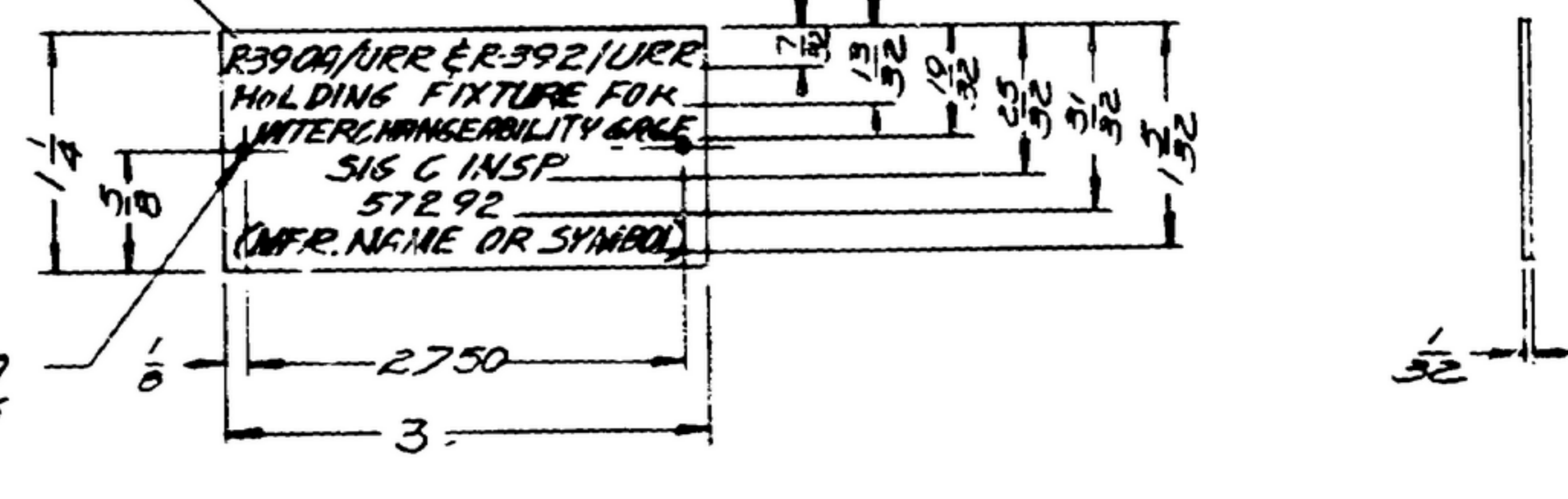
NOTE: WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED FOR ANY DRAWING OTHER THAN IN CONNECTION WITH A SPECIFICALLY RELATED SOURCE, THE DRAWING ENGINEER OR DESIGNER SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF SUCH DATA. WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED IN CONNECTION WITH A SPECIFICALLY RELATED SOURCE, THE DRAWING ENGINEER OR DESIGNER SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF SUCH DATA. WHEN GOVERNMENT DRAWINGS, SPECIFICATIONS, OR OTHER DATA ARE USED IN CONNECTION WITH A SPECIFICALLY RELATED SOURCE, THE DRAWING ENGINEER OR DESIGNER SHALL BE RESPONSIBLE FOR THE CORRECTNESS OF SUCH DATA.

THIS DOCUMENT HAS BEEN PREPARED BY THE GOVERNMENT AND IS NOT TO BE DISTRIBUTED OUTSIDE THE GOVERNMENT UNLESS SO INDICATED BY THE GOVERNMENT. IT IS TO BE USED ONLY FOR THE PURPOSES INTENDED THEREBY.

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



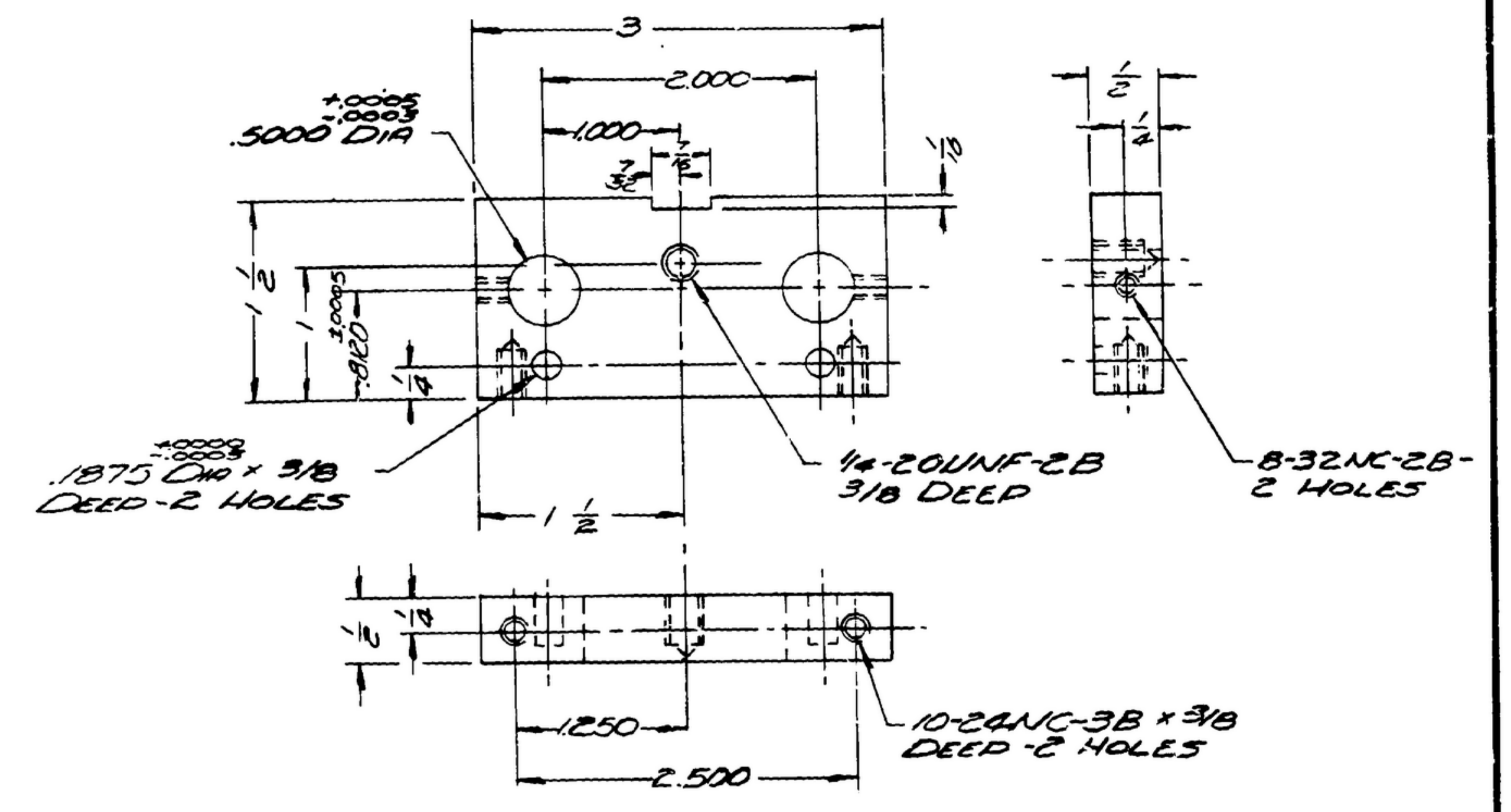
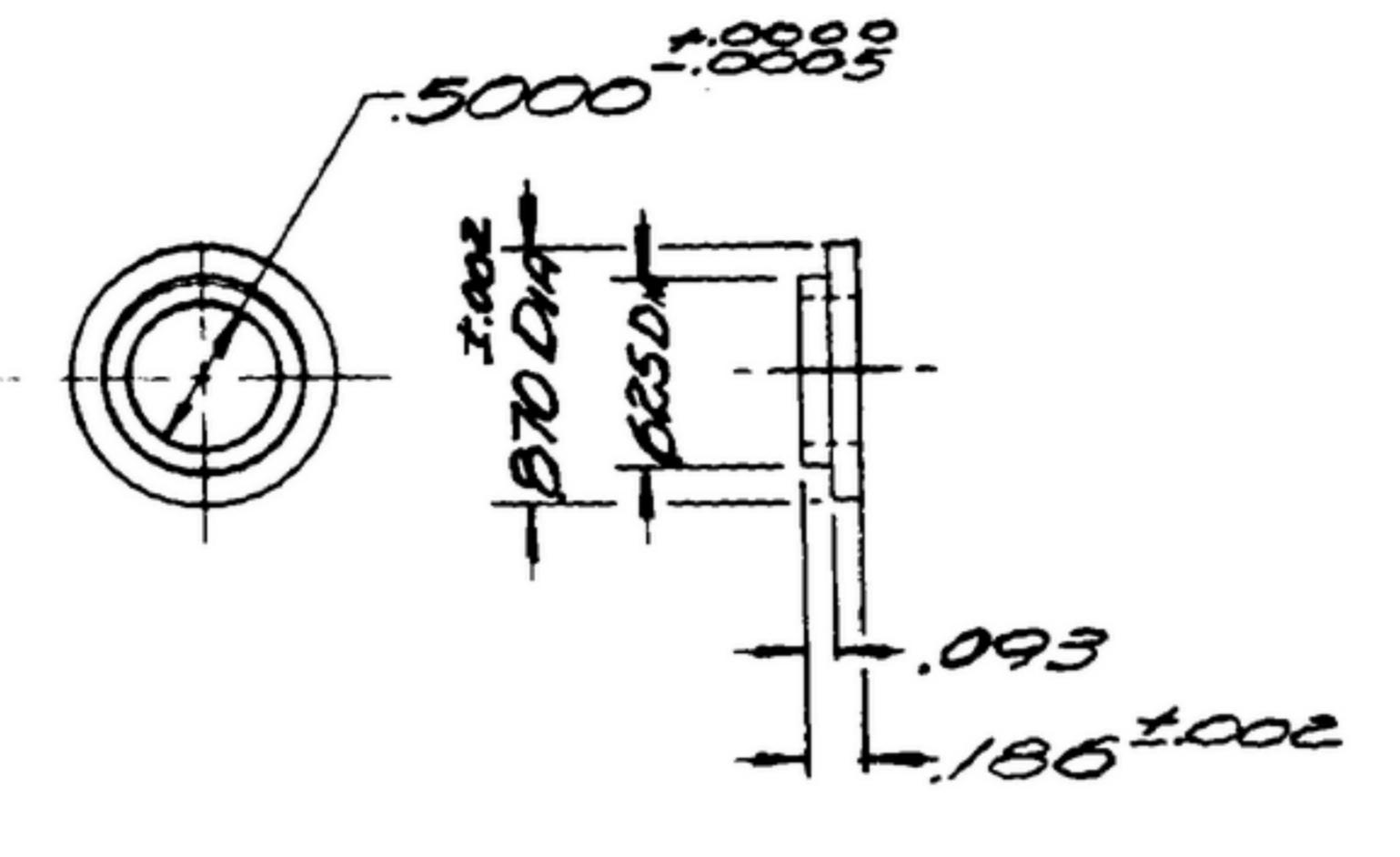
METAL STAMP CHARACTERS IN VERTICAL GOTHIC $1/8$ HIGH SPACED & CENTERED AS SHOWN AFTER FINISH HAS DRIED FILL CHARACTERS WITH P5118.



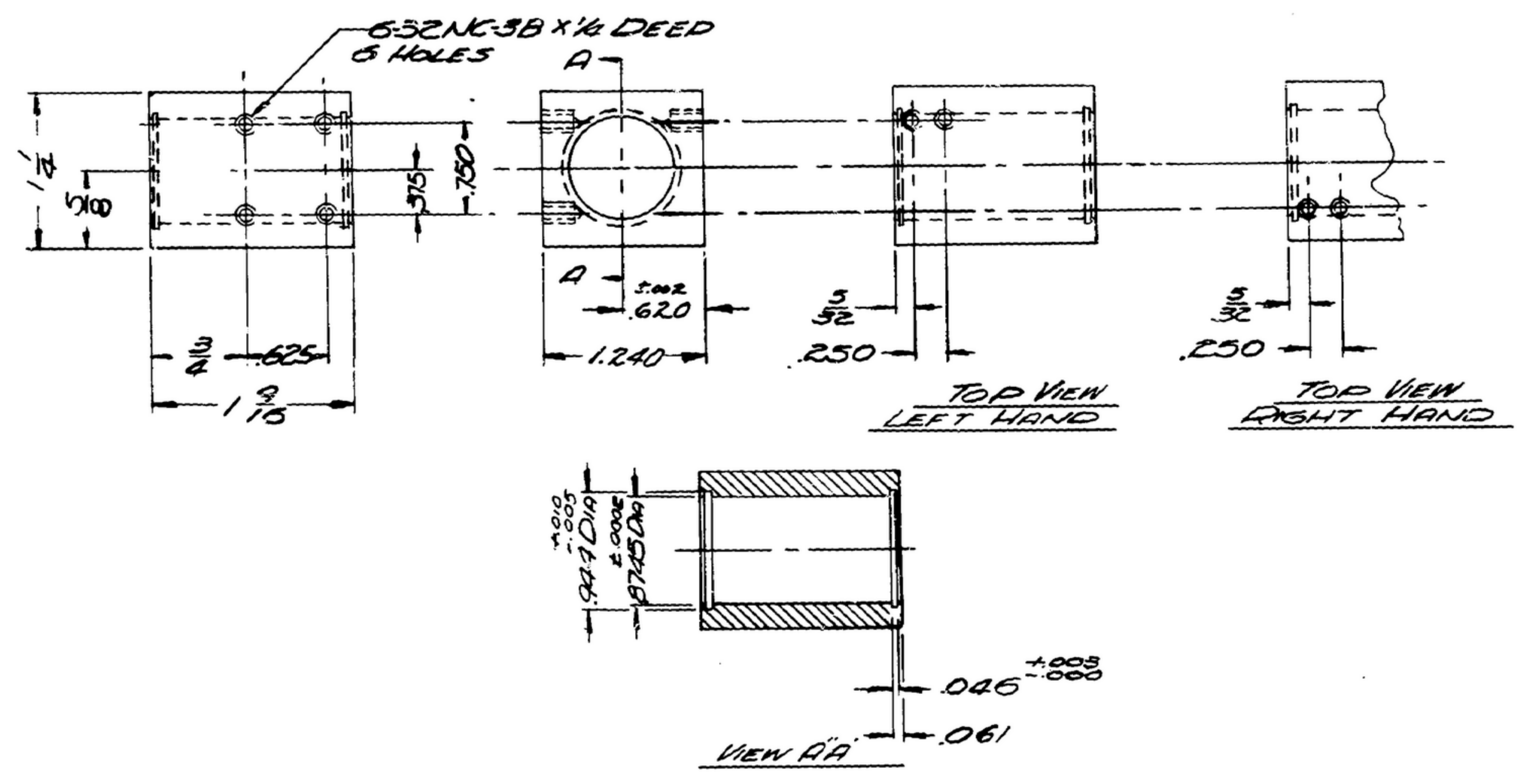
- (16) 1 REQD - ALUM 245-74 PER QQ-A-268, FINISH E513

- (19) 1 REQD - ALUM 5RS-H34 PER QQ-H-318, FINISH E513

- (14) 4 REQD - PLASTIC WIPER



- (12) 1 REQD - ALUM 245-74 PER QQ-A-268, FINISH E513



- (15) 2 REQD - CRYS CLASS 7 TYPE A, PER QQ-5-763, FINISH E500

- (13) 1 REQD - CRYS CLASS 7 TYPE A, PER QQ-5-763, FINISH E513

- (17) LEFT SIDE, 1 REQD - ALUM 245-74 PER QQ-A-268, FINISH, E513.
- (18) RIGHT SIDE, 1 REQD - ALUM 245-74 PER QQ-A-268, FINISH, E513.

QTY	REQD	PART NO.	DESCRIPTION	MATL.	FINISHED SIZE	QNT	NOTE
LIST OF MATERIAL							
			COLLINS RADIO CO.				
			LEGAL RADIOS, 1A				
			10719-134-55-23				
			SIGNAL CORPS				
REVIEWED			XXX				
APPROVED			JCA				
DATE			3 AUG 56	SCALE	1/1		
APPLICATION							

GAGE

FOR CHECKING INTERCHANGEABILITY OF R-390A/URR & R-392/URR COILS

DEPARTMENT OF THE ARMY
SIGNAL CORPS ENGINEERING LABORATORIES
FORT MONMOUTH, NEW JERSEY

SM-D-57292
SHEET 3 OF 3