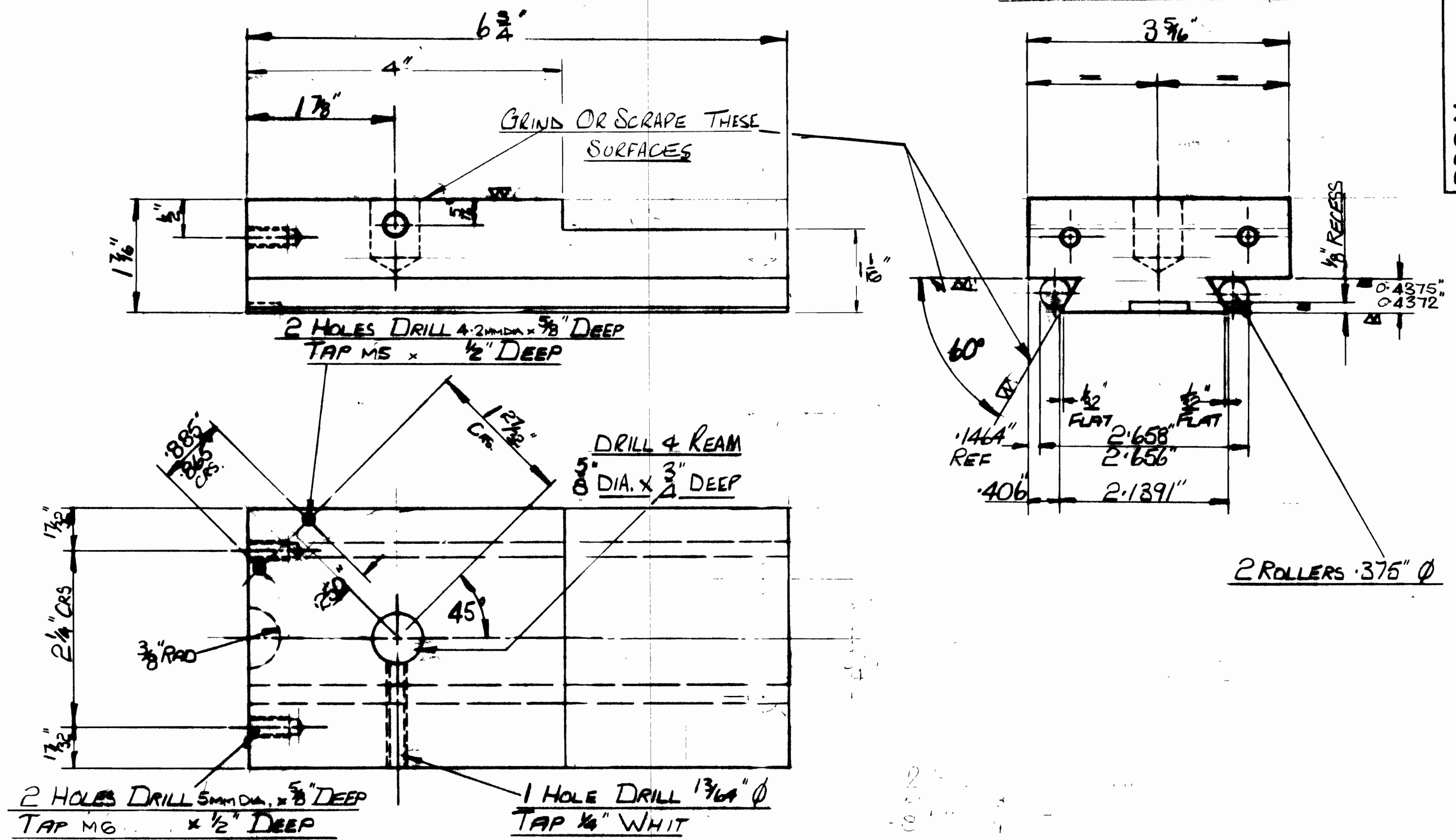


IF IN DOUBT ASK.

DRG. No.



DENTON MACHINE TOOLS LTD. ENCHOUSE, YORKSHIRE.

TDS 29-DRILL SHARPENING M<sup>C</sup> - TOP COMPOUND SLIDE

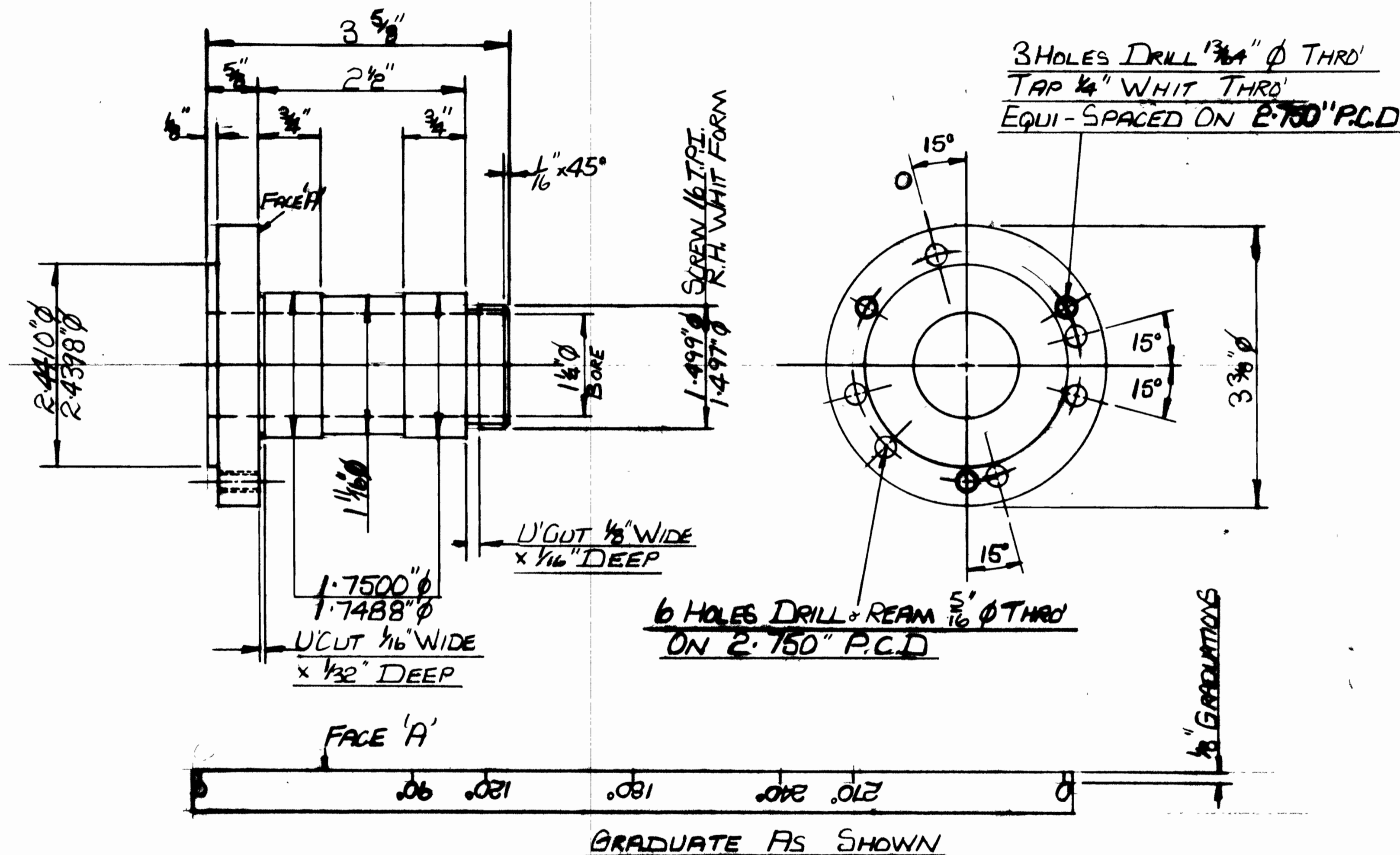
26/23/7330.10.2190					
No.	DESCRIPTION	DATE	DATE	DATE	DATE
ALTERATIONS					

ON DIMEN  
OTHERWISE STA  
N<sup>O</sup> RND  
MACHINE AT  
TOLERANCE ± 0.01" 3 PLACE DECIMAL  
TOLERANCE ± 0.01" 4 PLACE DECIMAL ± 0.01

DRAWN	TRACED	CHECKED	APPROVED	DATE	SCALE
J.P.				4-73	FULL
DRAWING No. D S M 100/12					

IF IN DOUBT ASK.

DRG. No.



DENFORD MACHINE TOOLS LTD. BRIGHOUSE, YORKSHIRE.

TDS 29 - DRILL SHARPENING M<sup>C</sup> - MAIN SPINDLE

2303/4 2.750					
No.	DESCRIPTION	CHG. NO.	DATE	ALTERATIONS	

ALL DIMENSIONS IN  
INCHES UNLESS STATED.

AND ALL DIMENSIONS TO 3 PLACE DECIMAL  $\pm .001$ "

RATIONAL  $\pm .010$ " 4 PLACE DECIMAL  $\pm .0005$ "

MATERIAL EN8

WHL SIZE  $3\frac{1}{2}$ "  $\phi$  x 4"

NO. REAM 1

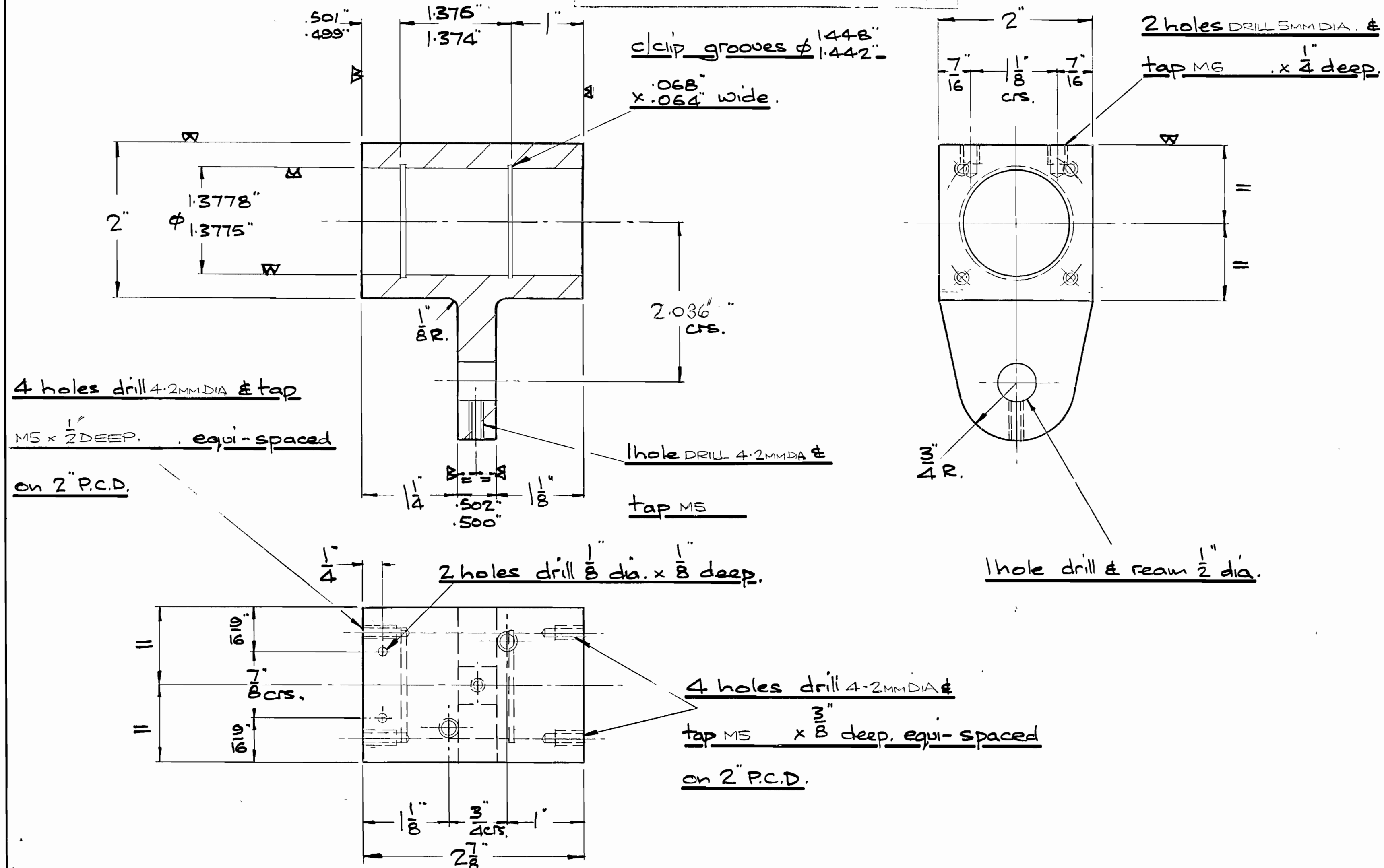
MACHINE ALL OVER.

DRAWN	TRACED	CHECKED	APPROVED	DATE	SCALE
J.P.				10-2-73	FULL

DRAWING No. D.S.M.0002/1

IF IN DOUBT ASK.

DRG.No.



DENFORD MACHINE TOOLS LTD. BRIGHOUSE YORKSHIRE

T.D.S. 29 Viceroy Drill Sharpening M/c :- Bearing Housing.

2623/7330 10 7303			
No.	DESCRIPTION	CHK'D	APP'D DATE
ALTERATIONS			

NOTES ON DIMENSIONS UNLESS OTHERWISE STATED.  
 REGULAR  $\pm \frac{1}{1000}$  3 PLACE DECIMAL  $\pm .005$   
 FINISH  $\pm .010$  4 PLACE DECIMAL  $\pm .0005$

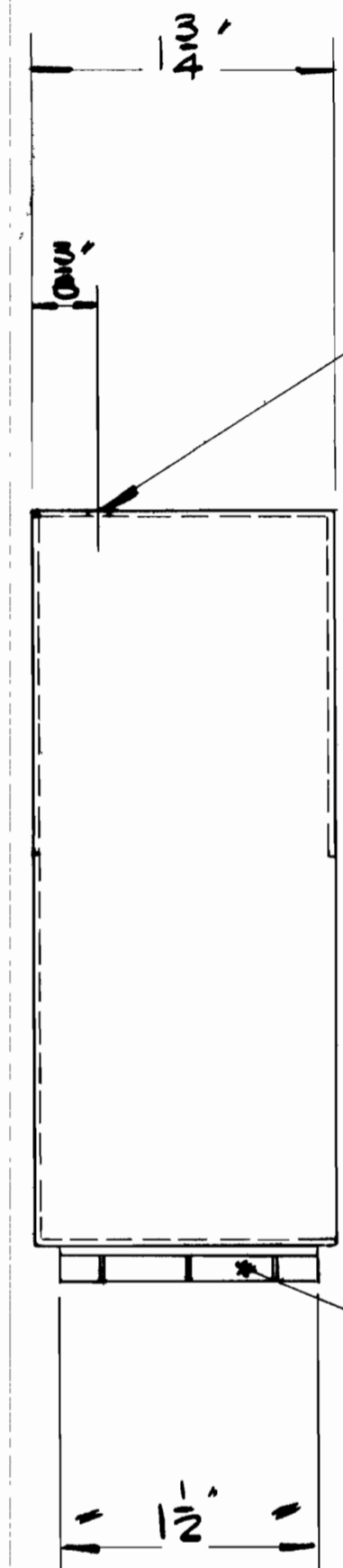
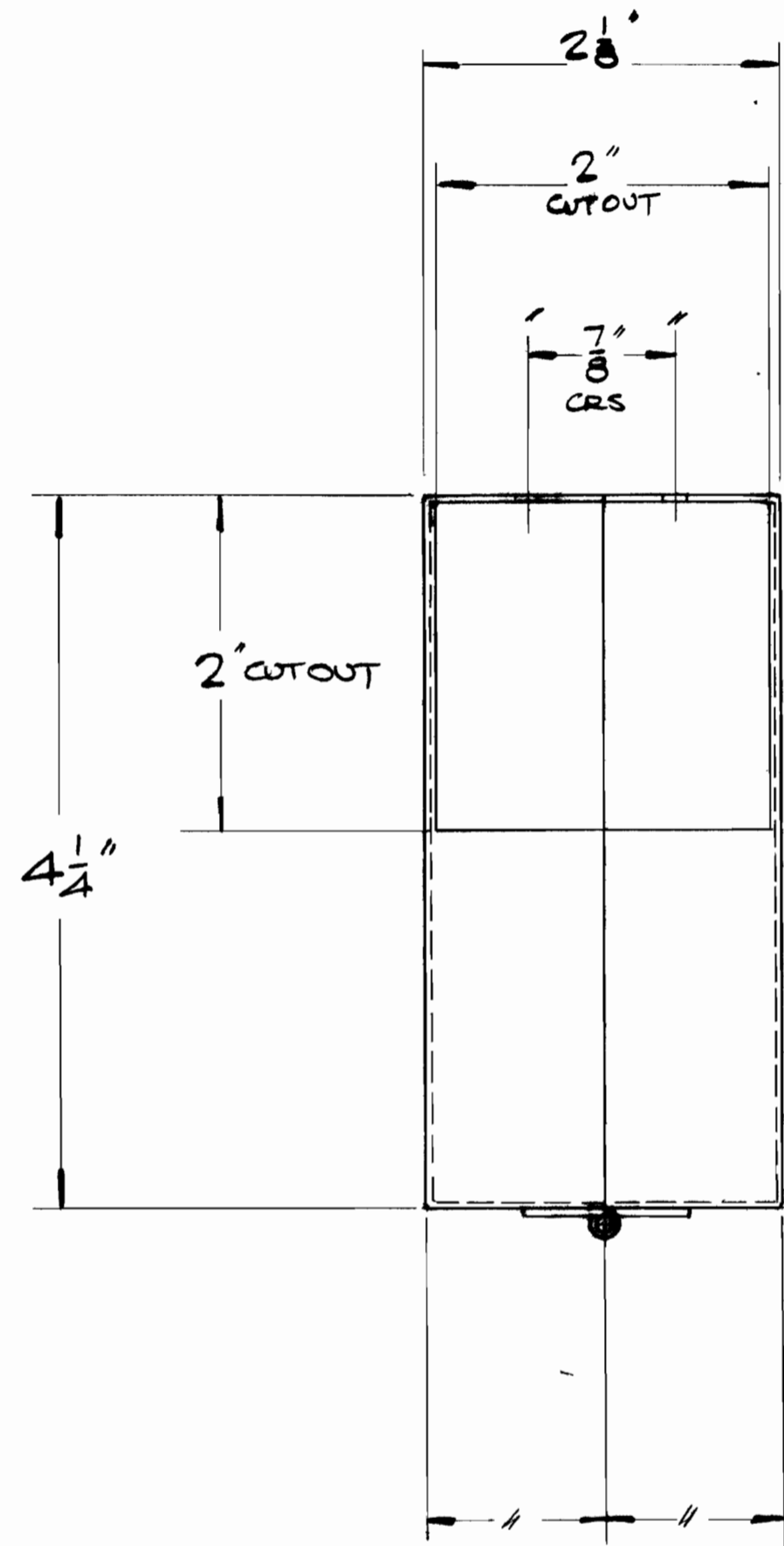
MATERIAL	Cast Iron.
PART SIZE	Casting.
NO. REQD	1.
MACHINE AT	
FINISH AT	

DRAWN	TRACED	CHECKED	APPROVED	DATE	SCALE
RD.				19.9.72.	Full.

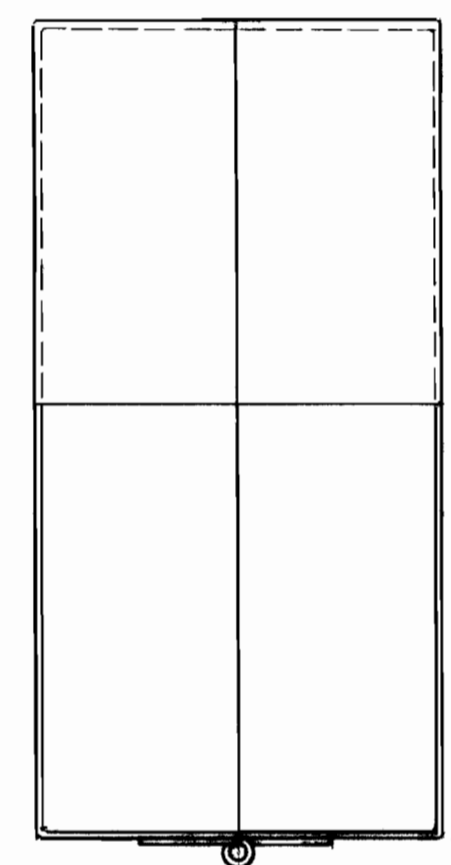
DRAWING No.D.S.M100/3

IF IN DOUBT ASK.

DRG. No.



2 HOLES DRILL 1/8 DIA.



2 1/4" CUT OUT.

PIANO HINGE WELDED TO BOTH HALVES.

3RD ANGLE PROJECTION.

DENFORD MACHINE TOOLS LTD. BRIGHOUSE, YORKSHIRE.

TDS 29 DRILL SHARPENING MACHINE - PULLEY GUARD.

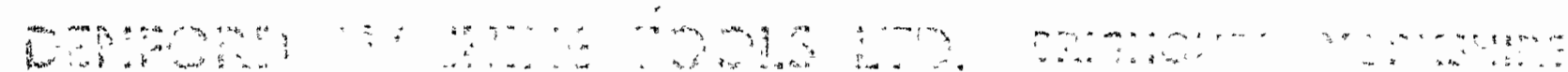
2623/78, 3010, 7810					
2623/78, 3010, 7810					
No.	DESCRIPTION	CHKD	APPD	DATE	
ALTERATIONS					

LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.  
ANGULAR  $\pm \frac{1}{2}^\circ$  3 PLACE DECIMAL  $\pm .005^\circ$   
FRACTIONAL  $\pm .010$  4 PLACE DECIMAL  $\pm .0005$

MATL SHEET STEEL.  
MATL SIZE 20 S.W.G.  
No. REQD 1.  
MACHINE AT W  
GRIND AT 'G'

DRAWN RD.	TRACED	CHECKED	APPROVED	DATE 23.9.78	SCALE FULL
DRAWING No. D5M100/33A.					

**DRG.No.**



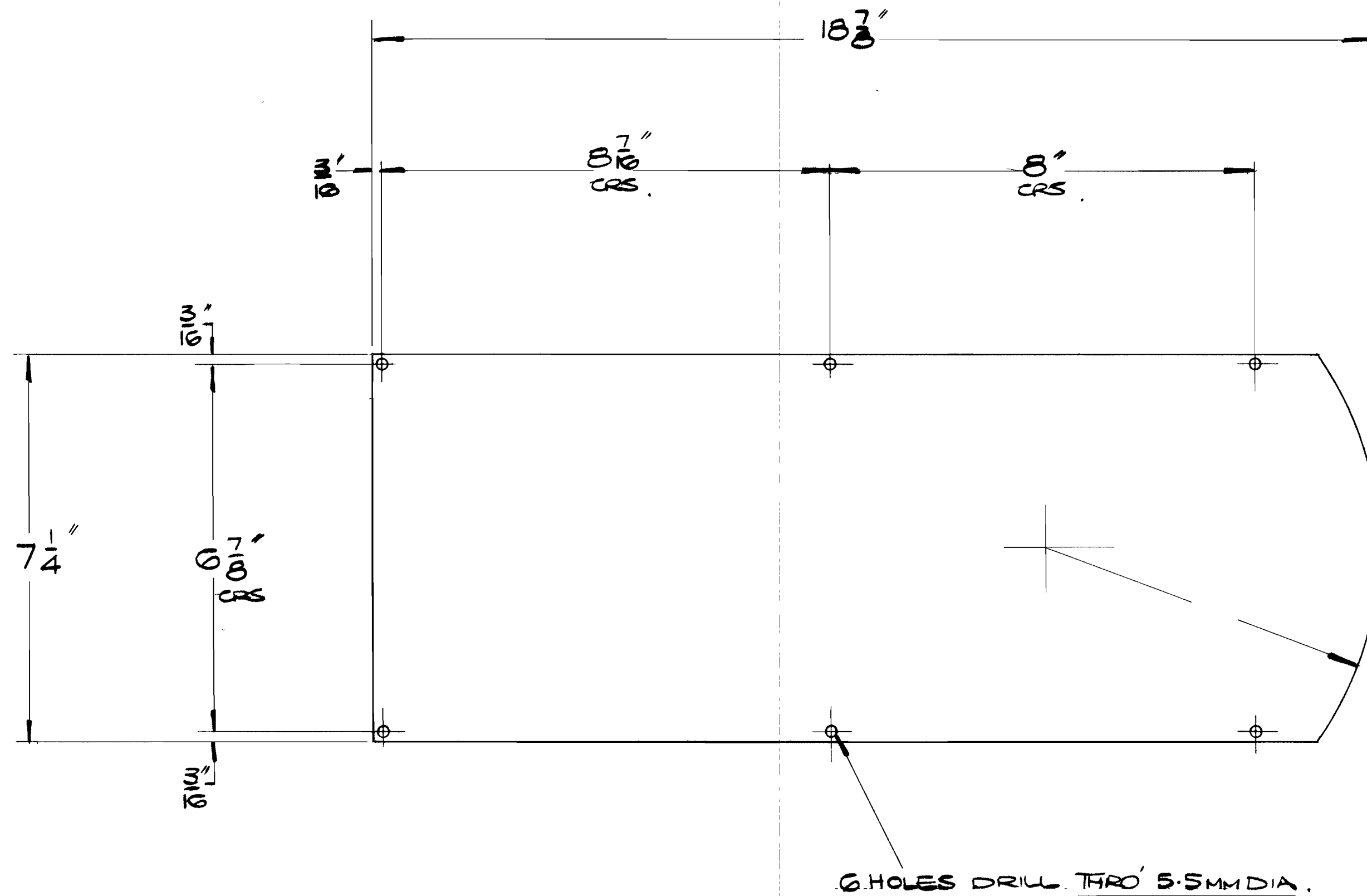
UNITS ON DIMENSIONS UNLESS  
OTHERWISE STATED.

DRAWN R.D.	TRACED	CHECKED	APPROVED	DATE 20.9.72.	SCALE Full.
---------------	--------	---------	----------	------------------	----------------

ANGULAR  $\pm \frac{1}{2}^\circ$  3 PLACE DECIMAL  $\pm .005''$   
FRACTIONAL  $\pm .010''$  4 PLACE DECIMAL  $\pm .0001''$

**DRAWING No.** D.S.M100/4..

IF IN DOUBT ASK.



DRG. No.

DENFORD MACHINE TOOLS LTD. BRIGHOUSE, YORKSHIRE.

VICEROY DRILL GRINDING MACHINE - BASE COVER.

DRAWING No. 21023/78 30.10.78									
No.	DESCRIPTION	DATE							
ALTERATIONS									

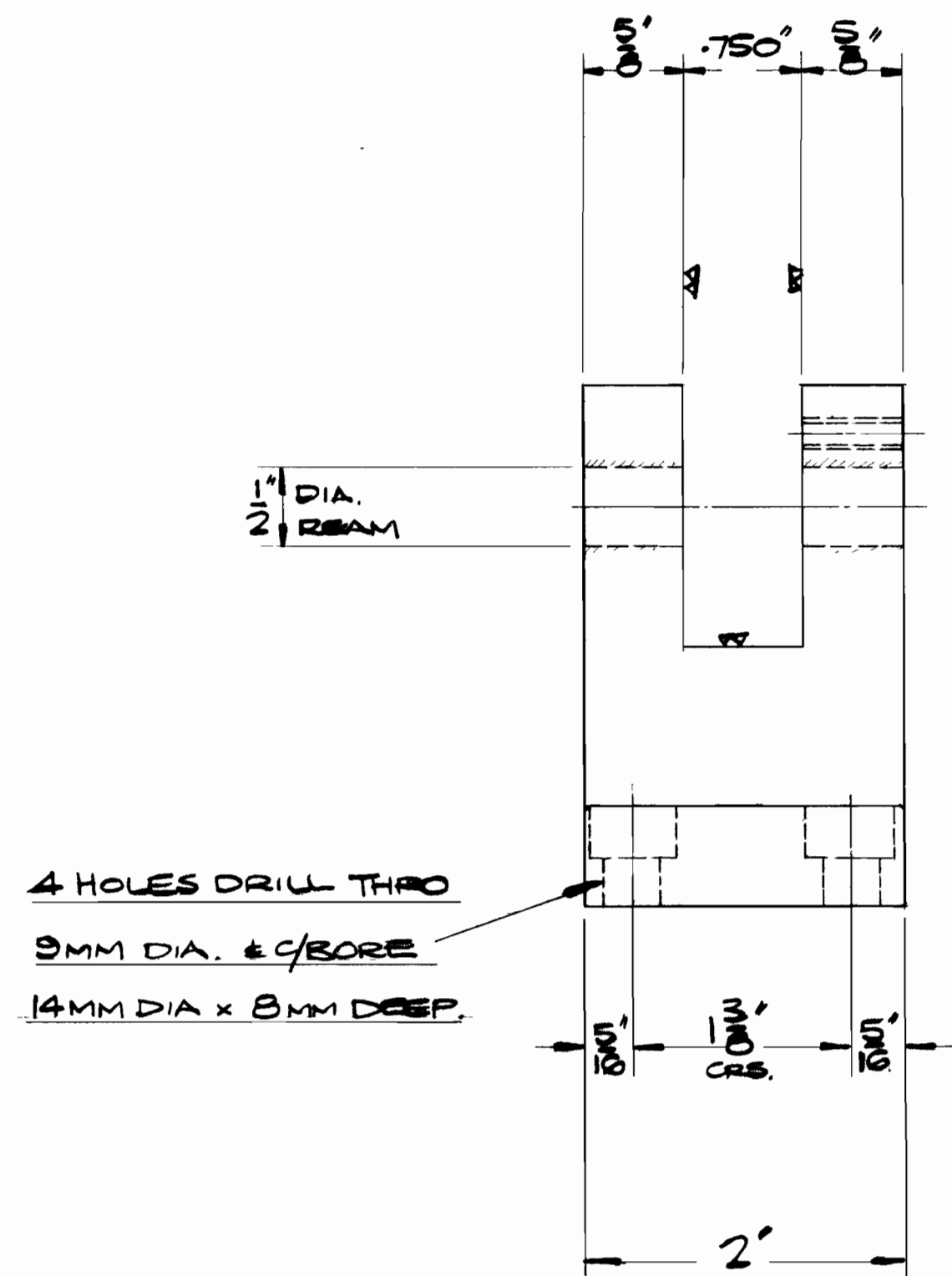
LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.	
UNUSUAL ± 1/2° 3 PLACE DECIMAL ± .005"	
REASONABLE ± .010" 4 PLACE DECIMAL ± .0005"	

MATL.	
MATL. SIZE	
No. REQD.	
MACHINE AT	✓
GRIND AT	G.

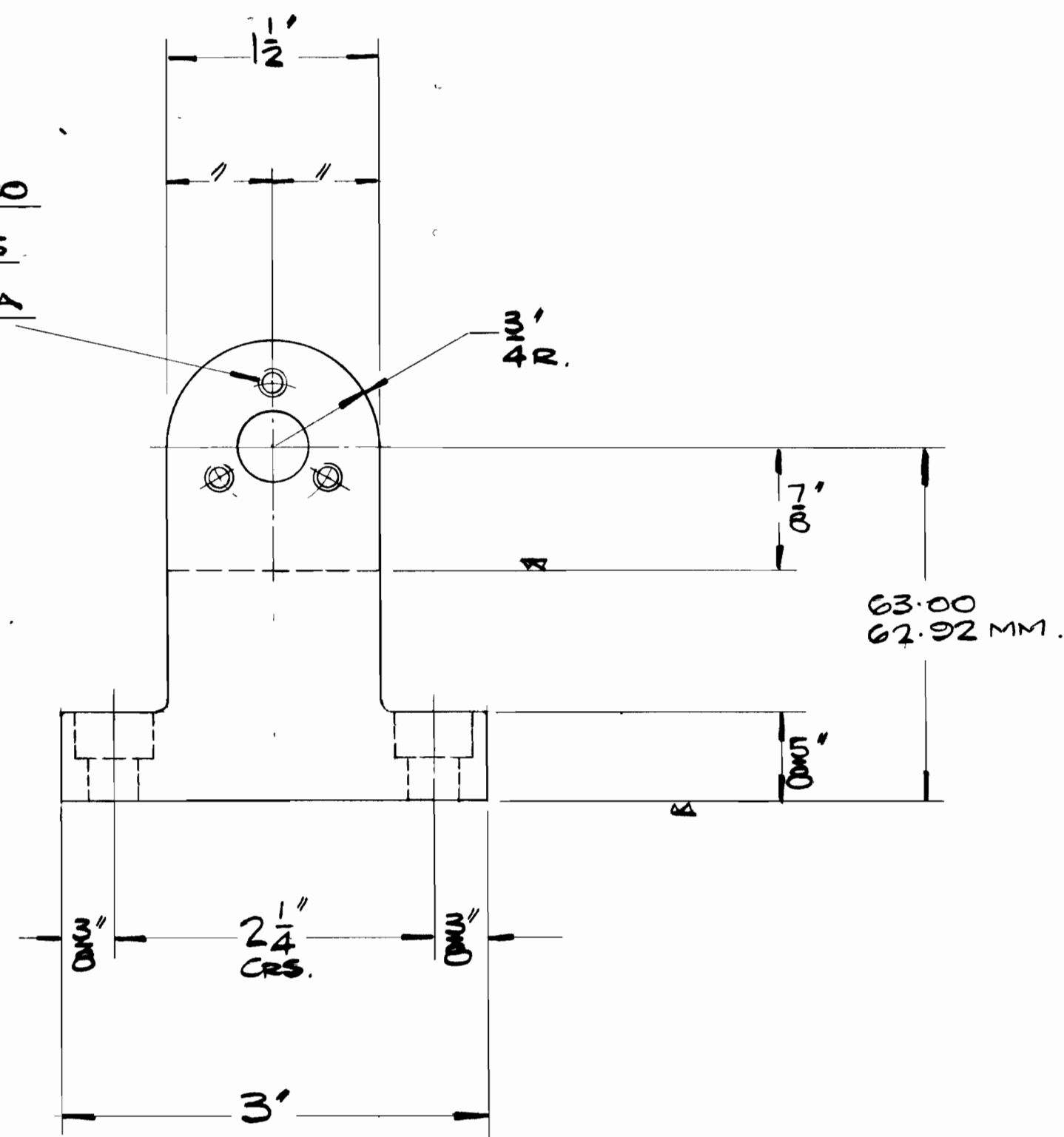
DRAWN	TRACED	CHECKED	APPROVED	DATE	SCALE
RD.				17.10.78	1/2 SIZE
DRAWING No. DSM100/53A.					

IF IN DOUBT ASK.

DRG. No.



3 HOLES DRILL THRO  
4.2MM DIA. & TAP MS  
EQUI-SPACED ON A  
7" P.C.D.



3RD. ANGLE PROJECTION.

DENFORD MACHINE TOOLS LTD. BRIGHOUSE, YORKSHIRE.

TDS 29 - DRILL SHARPENING M/C - BEARING HEAD CARRIER.

No.	DESCRIPTION	DATE	APPROVED
	ALTERATIONS		

LIMITS ON DIMENSIONS - UNLESS  
OTHERWISE STATED.

ANGULAR  $\pm \frac{1}{2}^\circ$  3 PLACE DECIMAL  $\pm .005^\circ$

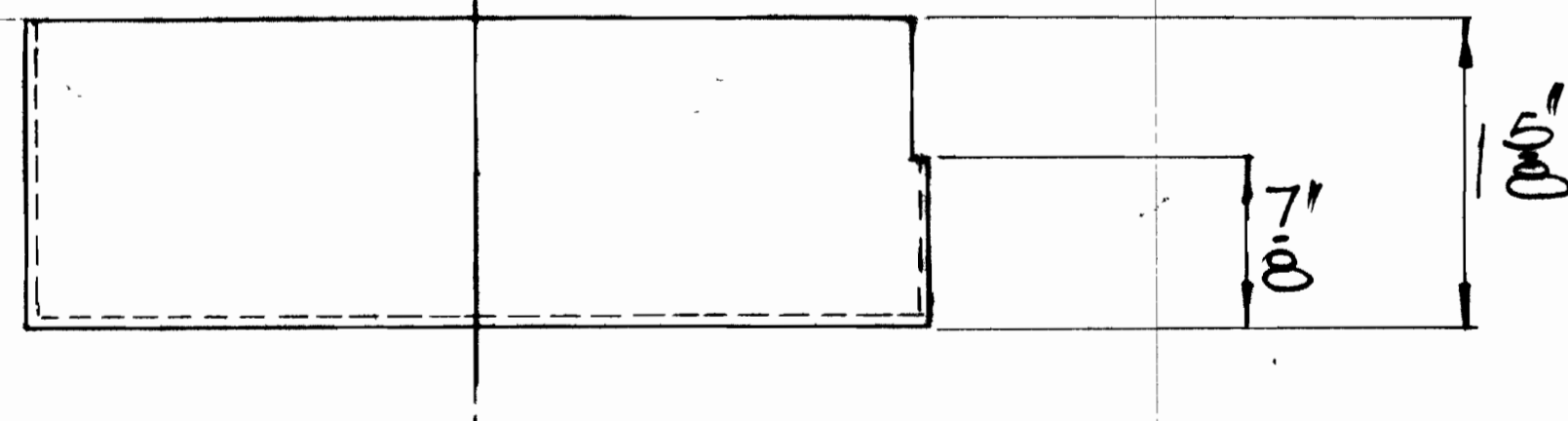
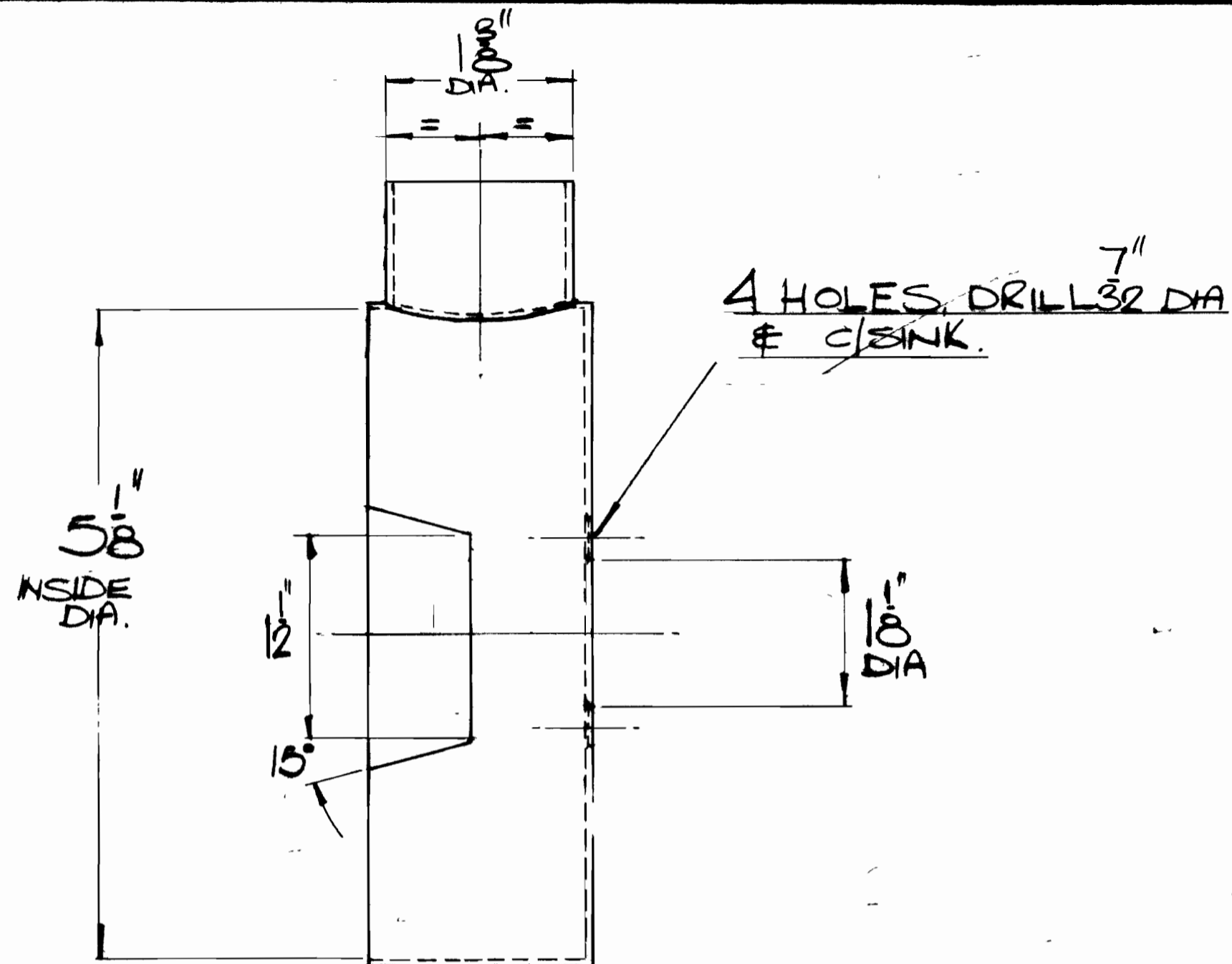
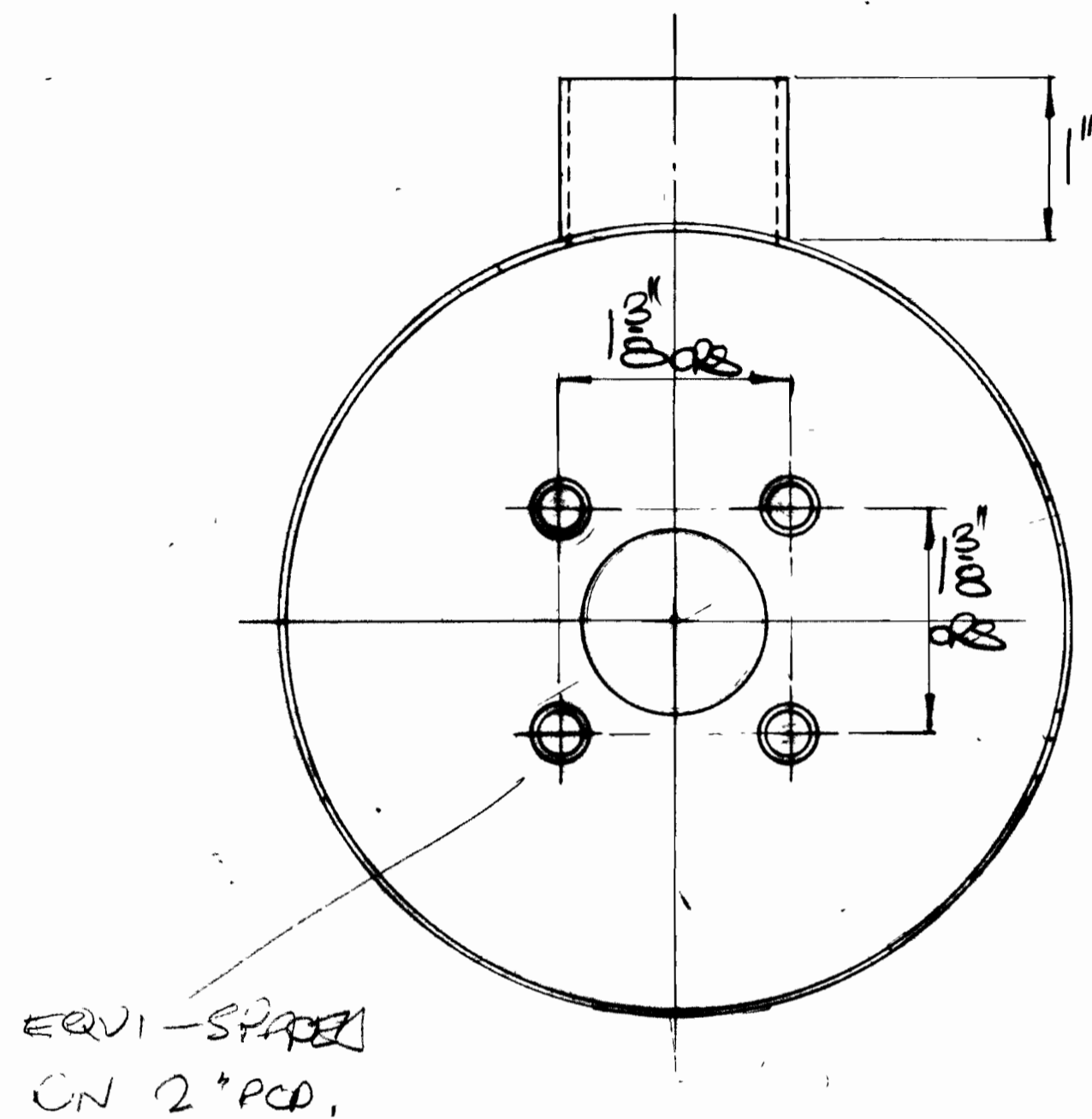
FRAC TIONAL  $\pm .010$  4 PLACE DECIMAL  $\pm .0005$

MATL. C.I.  
MATL. SIZE CASTING.  
No. REQD. 1  
MACHINE AT 77  
GRIND AT 'G'.

DRAWN	TRACED	CHECKED	APPROVED	DATE	SCALE
RD.				20.9.78	FULL.

DRAWING No. DSM 100/SSA.

IF IN DOUBT ASK.



DRG. No.

DENFORD MACHINE TOOLS LTD. DENFORD, YORKSHIRE.

TDS.29 'VICEROY' D.S.M/C - GRINDING WHEEL GUARD.

No.	DESCRIPTION	DATE
	ALTERATIONS	

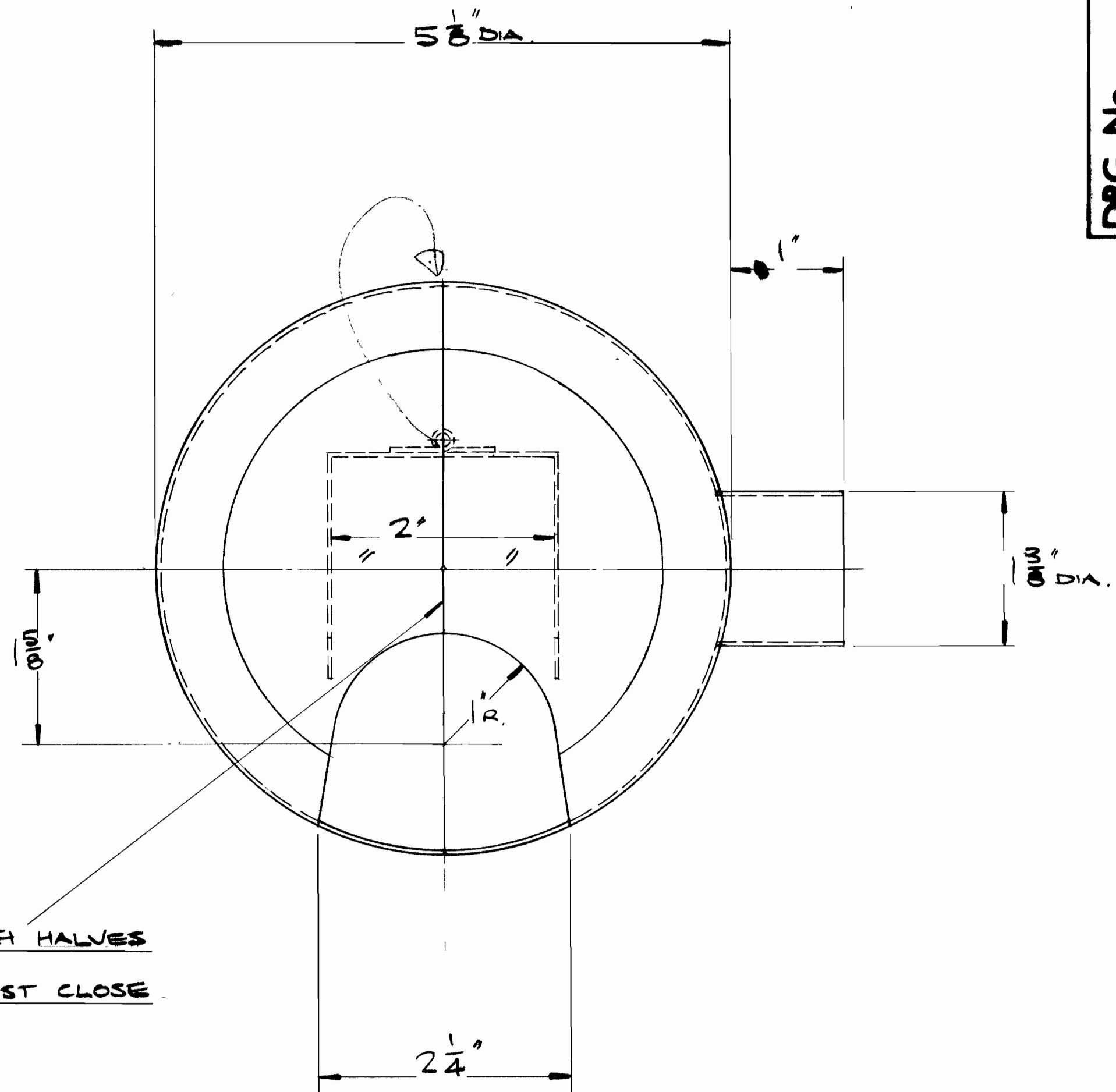
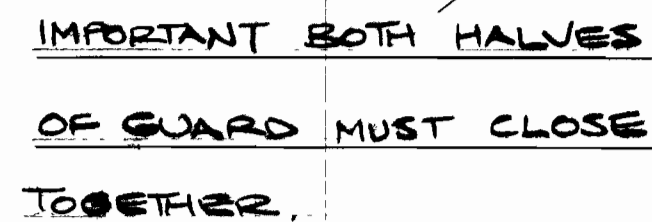
LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.  
 ANGULAR  $\pm \frac{1}{2}^\circ$  3 PLACE DECIMAL  $\pm .005^\circ$   
 RATIONAL  $\pm .010$  4 PLACE DECIMAL  $\pm .0005$

MATL 18 SWG  
 MATL SIZE  
 No. REQD. 1.  
 MACHINE AT W

DRAWN	TRACED	CHECKED	APPROVED	DATE	SCALE
IV.				12.1.76.	FULL

DRAWING No. DSM.100/61

**DRG. No.**



TD# 29 VICEROY DRILL SHARPENING MACHINE. - WHEEL GUARD.

**LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.**

**ANGULAR  $\pm \frac{1}{2}^\circ$  3 PLACE DECIMAL  $\pm .005^\circ$**

**FRACTIONAL  $\pm .010''$  4 PLACE DECIMAL  $\pm .0005''$**

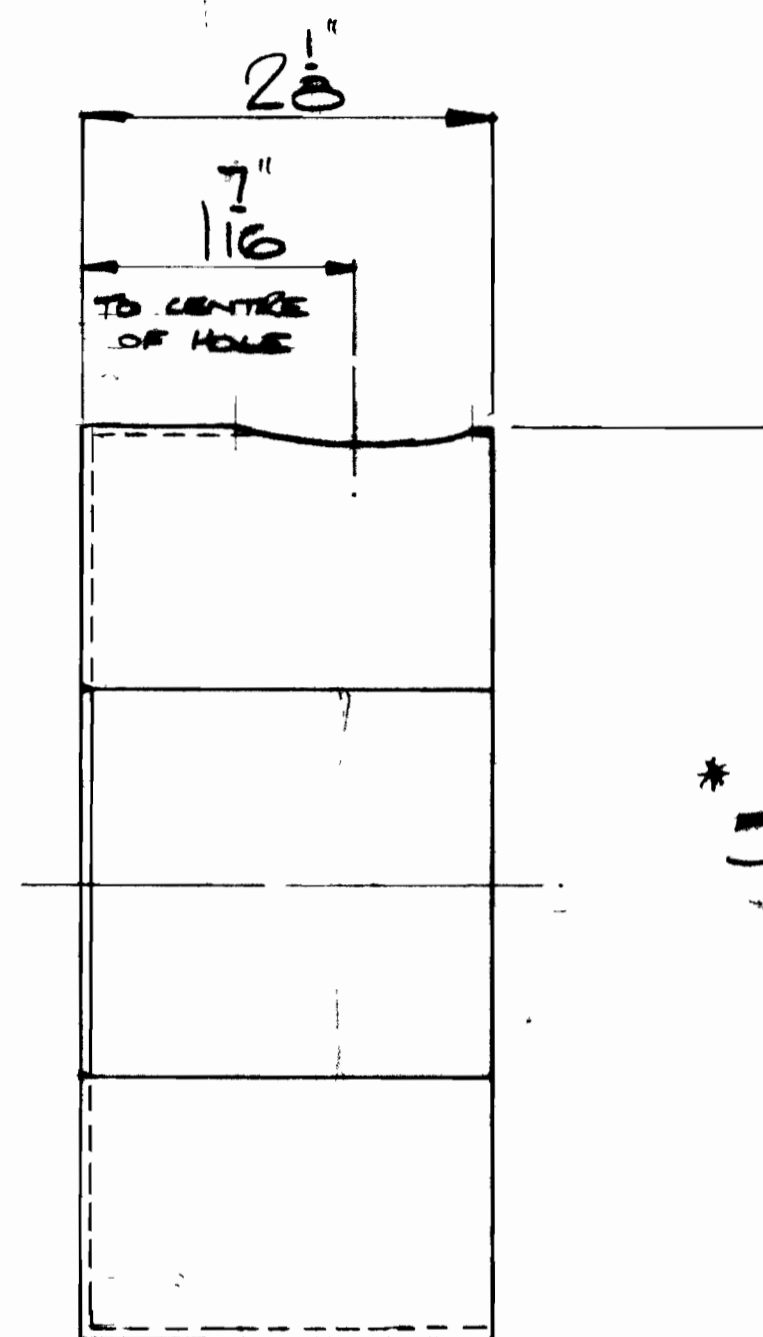
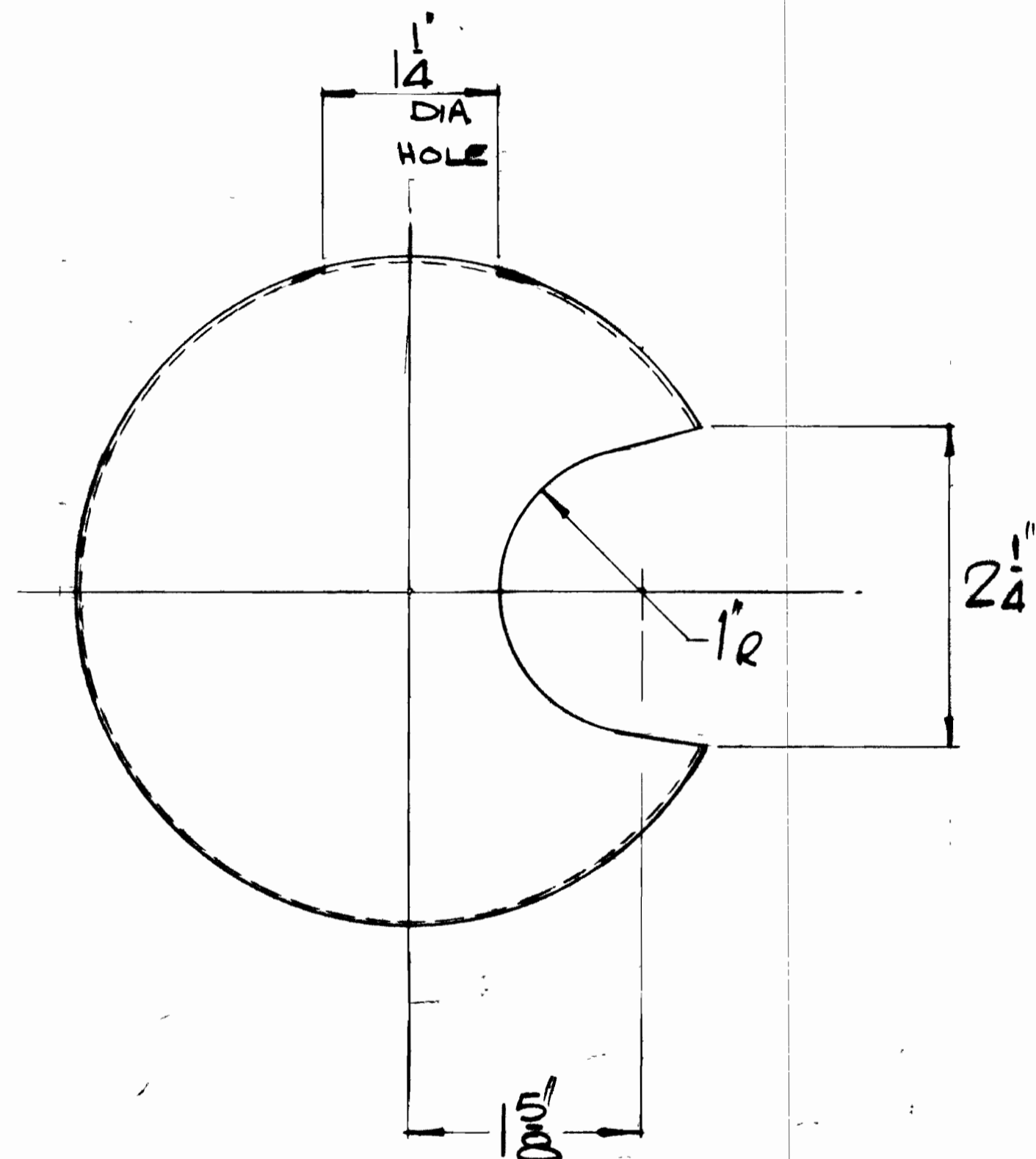
MATL SHEET STEEL  
MATL SIZE 18 S.W.G.  
No REQD 1.  
MACHINE AT 00  
GRIND AT 00

DRAWN	TRACED	CHECKED	APPROVED	DATE	SCALE
R.D.				7. 3. 79.	FULL.

**DRAWING No. DSM. 100/61A.**

IF IN DOUBT ASK.

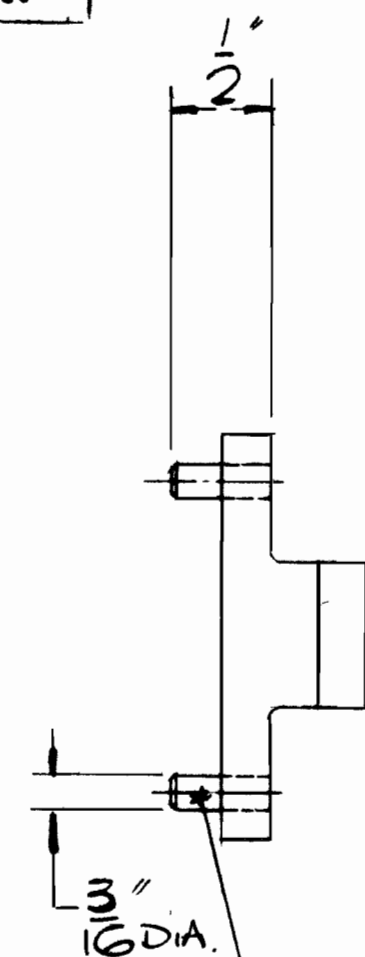
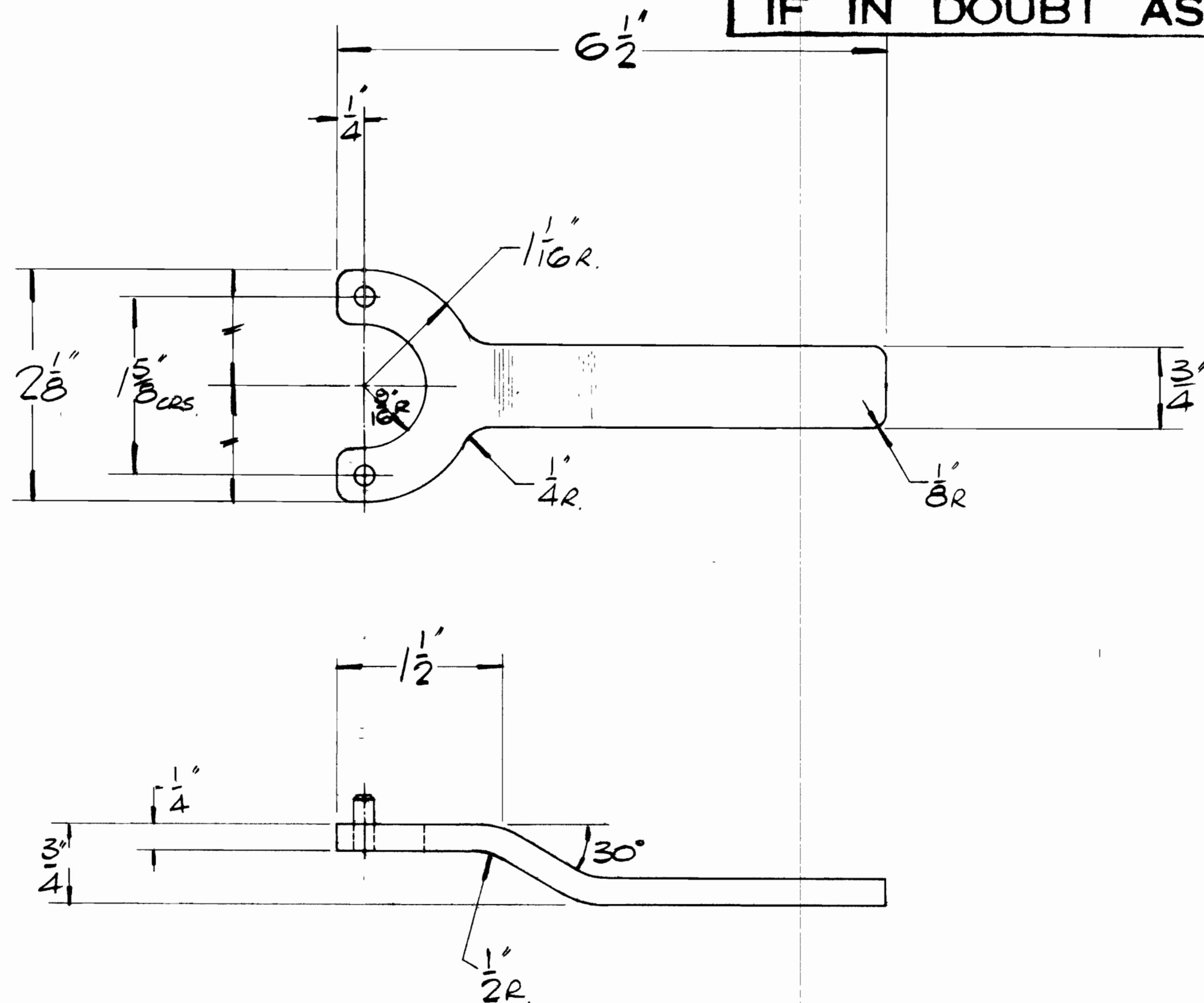
DRG. No.



\* THIS DIA IS  
TO FIT INSIDE  
THE 5 1/8 DIA IN  
GRINDING WHEEL  
GUARD N° DSM.100  
61

FETTL & REMOVE SHARP EDGES.

DENFORD MACHINE TOOLS LTD. WILKINS HOUSE, YORKSHIRE.				TDS.29 VICEROY DSM/6 - GRINDING WHEEL COVER.			
No.		DESCRIPTION		DATE APP'D		DATE	
		ALTERATIONS					
LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.				MATERIAL		DRAWN	
ANGULAR $\pm \frac{1}{2}^\circ$ 3 PLACE DECIMAL $\pm .005^\circ$				MATERIAL SIZE		TRACED	
RATIONAL $\pm .010$ 4 PLACE DECIMAL $\pm .0005$				No. REQD		CHECKED	
				MACHINE AT		APPROVED	
				GRIND AS SHOWN		DATE	
						SCALE	
						12.1.76 FULL	
				DRAWING No. DSM.100/62			



DRG. No.

DENFORD MACHINE TOOLS LTD. BRIGHOUSE, YORKSHIRE.

TSD 29 VICEROY DRILL SHARP & MIC - GRINDING WHEEL HUB-WRENCH.

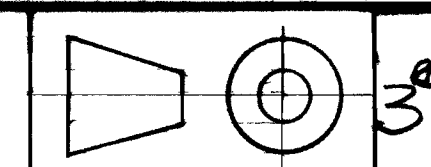
No.	DESCRIPTION	CHG. BY	DATE
	ALTERATIONS		

LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.  
 ANGULAR  $\pm \frac{1}{2}^\circ$  3 PLACE DECIMAL  $\pm .005$ "  
 DIMENSIONAL  $\pm .010$ " 4 PLACE DECIMAL  $\pm .0005$ "

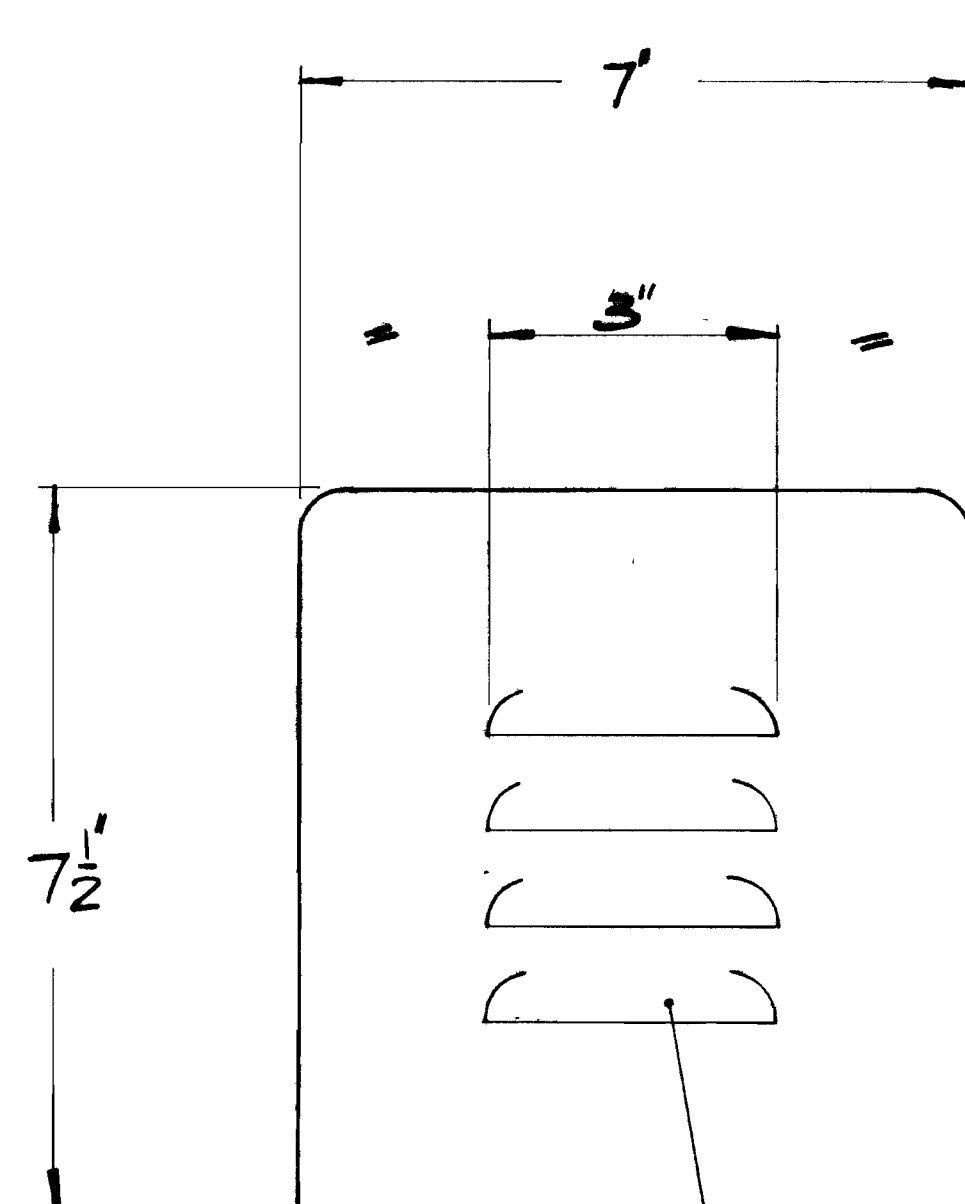
MATL.  $\frac{1}{2}$ " M.S. PLATE  
 MATL. SIZE FLAME CUT.  
 No. REOD 1  
 M.C. U.S. AT  $\infty$   
 GRIND

DRAWN	TRACED	CHECKED	APPROVED	DATE	SCALE
RD				14.6.77	FULL

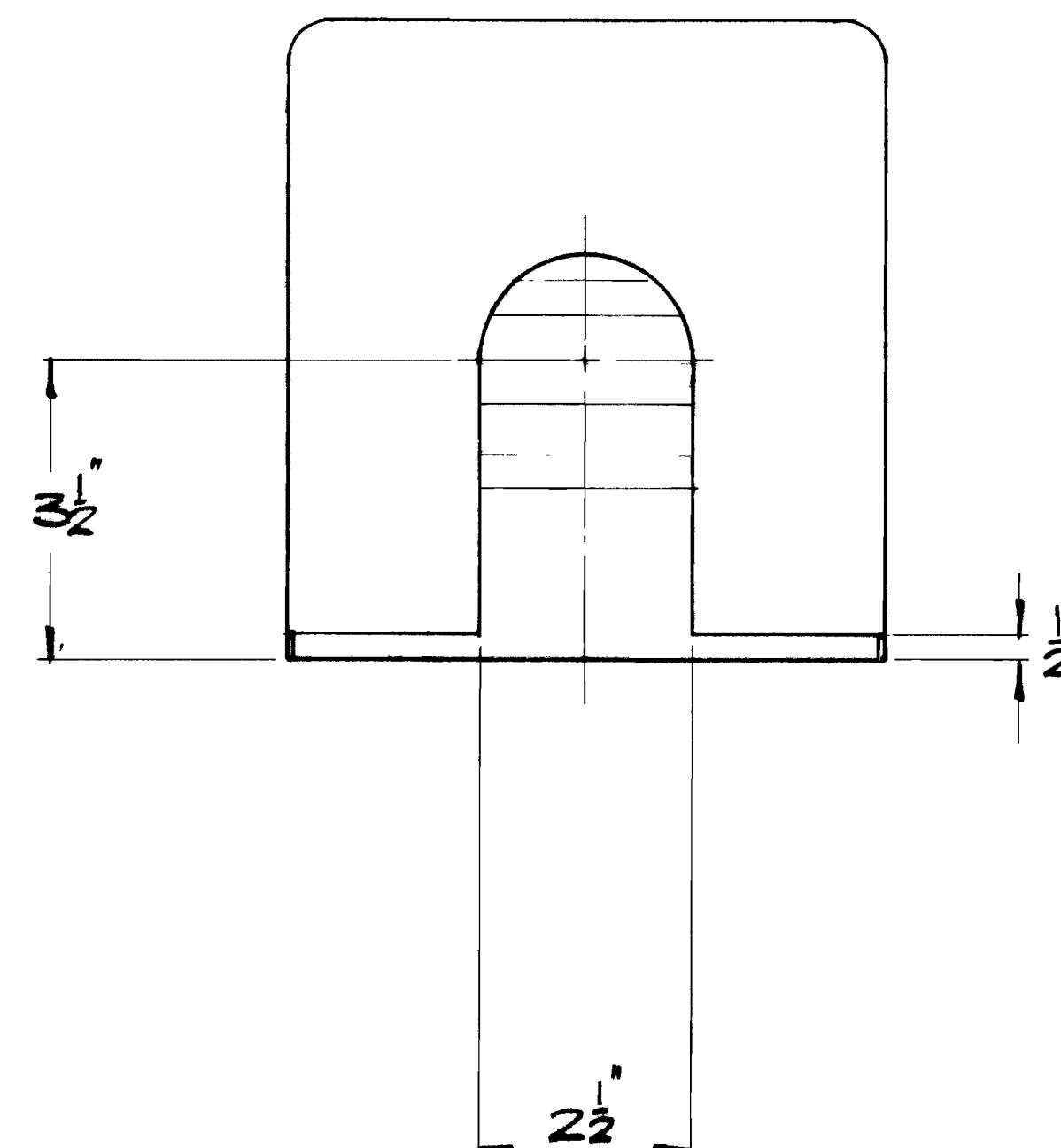
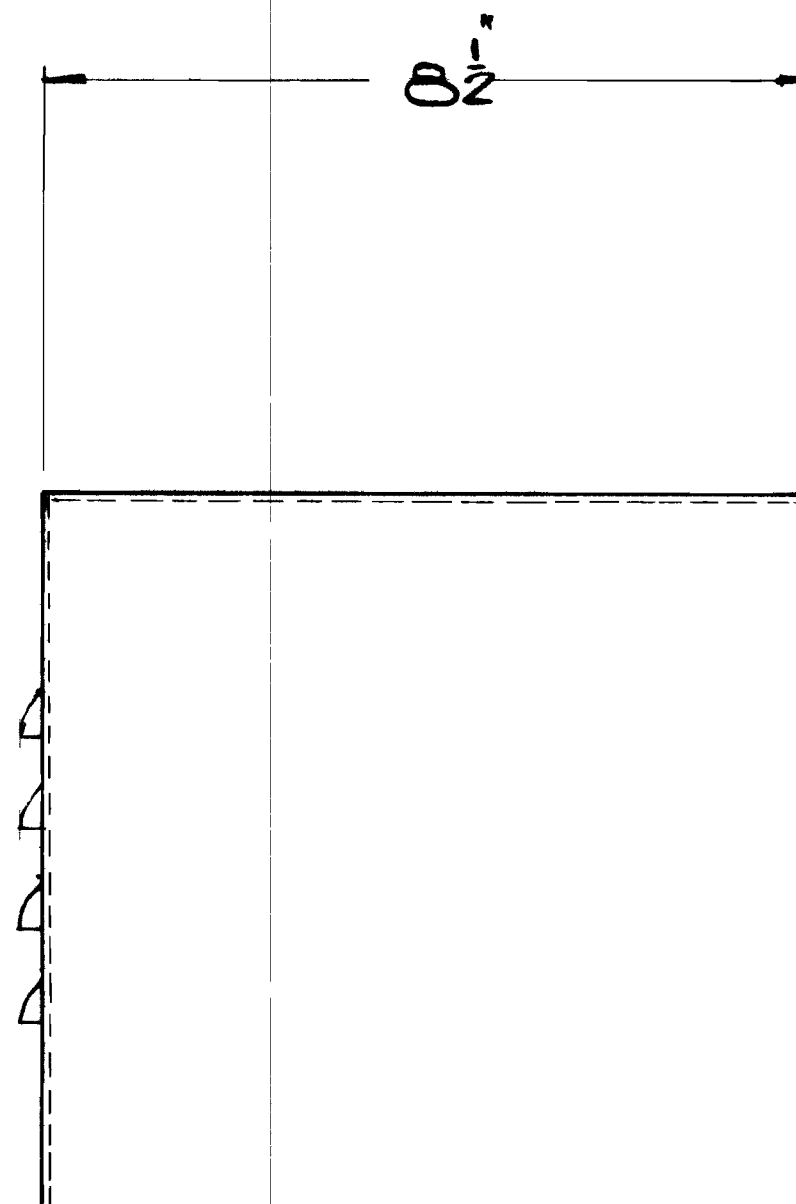
DRAWING No. DSM 100/64.



DRG. No.



4 - 3" LOWERS.



DENFORD MACHINE TOOLS LTD. BRIGHOUSE, YORKSHIRE.

DRILL SHARPENING MACHINE - MOTOR COVER

No.	DESCRIPTION	CHKD	APPD	DATE
	ALTERATIONS			

LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.

ANGULAR  $\pm \frac{1}{2}^\circ$  3 PLACE DECIMAL  $\pm .005^\circ$

ACTIONAL  $\pm .010$ " 4 PLACE DECIMAL  $\pm .0005$ "

MATL. SHEET STEEL

MATL. SIZE 16 SWG.

No. REQD. ONE per m/c

MACHINE AT W

GRIND AT 'G'.

DRAWN	TRACED	CHECKED	APPROVED	DATE	SCALE
IV.				2.1.80	$\frac{1}{2}$ x Full

DRAWING No. DSM.100/67