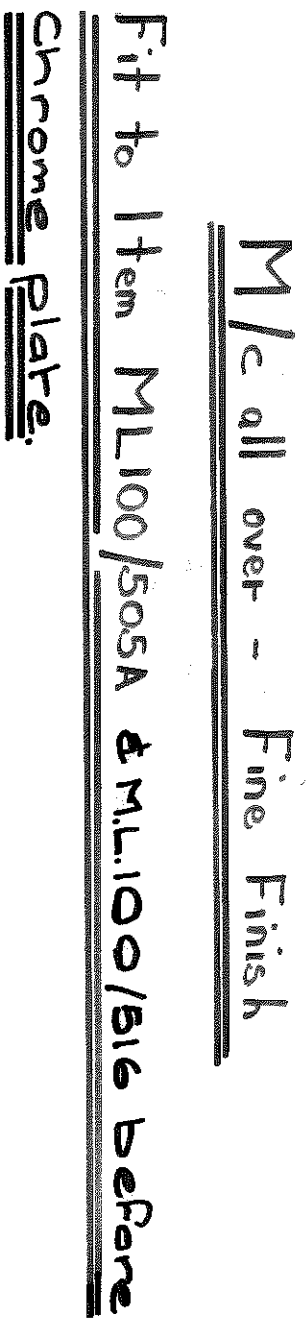


Redrawn 18-1-65
1650/69 18.4.69 R.D.
2103/74 18.6.74 DE

Redman 18-1-65
166069, 184, 69, R.D.
2103/74 18-6-74 DE

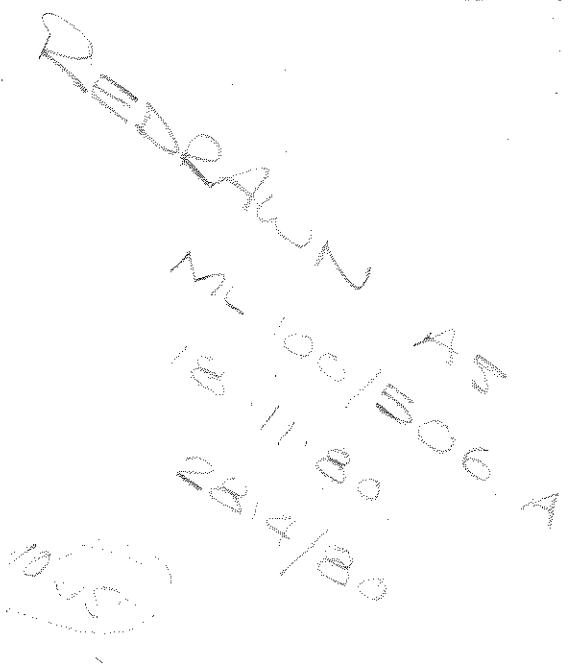


DENFORD MACHINE TOOLS LTD.
(INC.) DENFORD SMALL TOOLS (BRIG) LTD.
BRIGHOUSE,
YORKSHIRE.

MAT. Mild Steel Chrome Plate
MAT S (5.8) $\frac{5}{8}$ " dia x 2 $\frac{1}{4}$ " long (57.1.)
No. REQD. 1 SCALE Full
DRAWING No. ML 100/505 B

ML 100/505B

1445/67.11.4.678

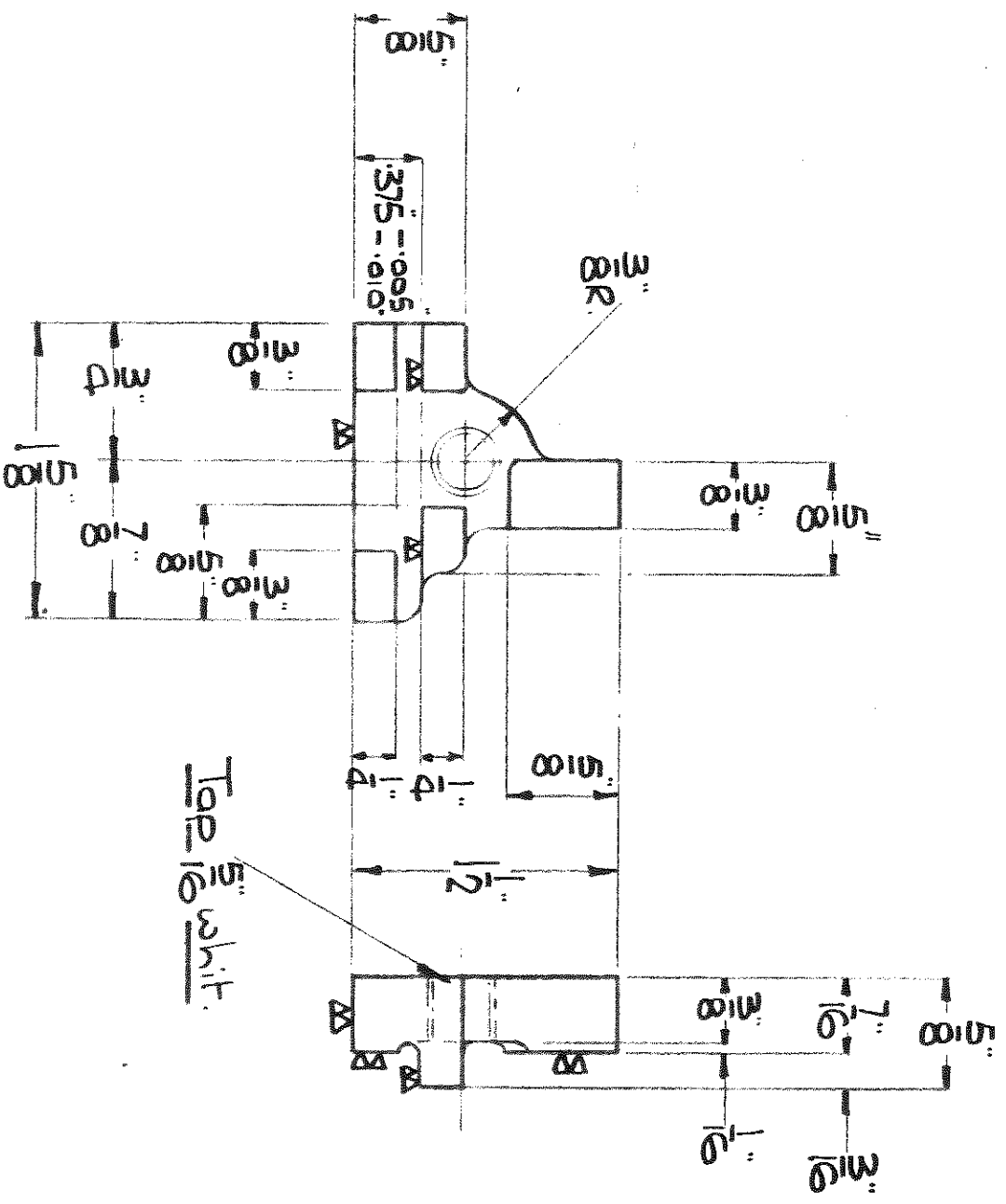


DENFORD MACHINE TOOLS LTD.
(INC) DENFORD SMALL TOOLS (BRIG) LTD.
BRIGHOUSE,
YORKSHIRE.

DATE 28.8.61.

M.L. 100/506

3 IN JOBBET ASK.



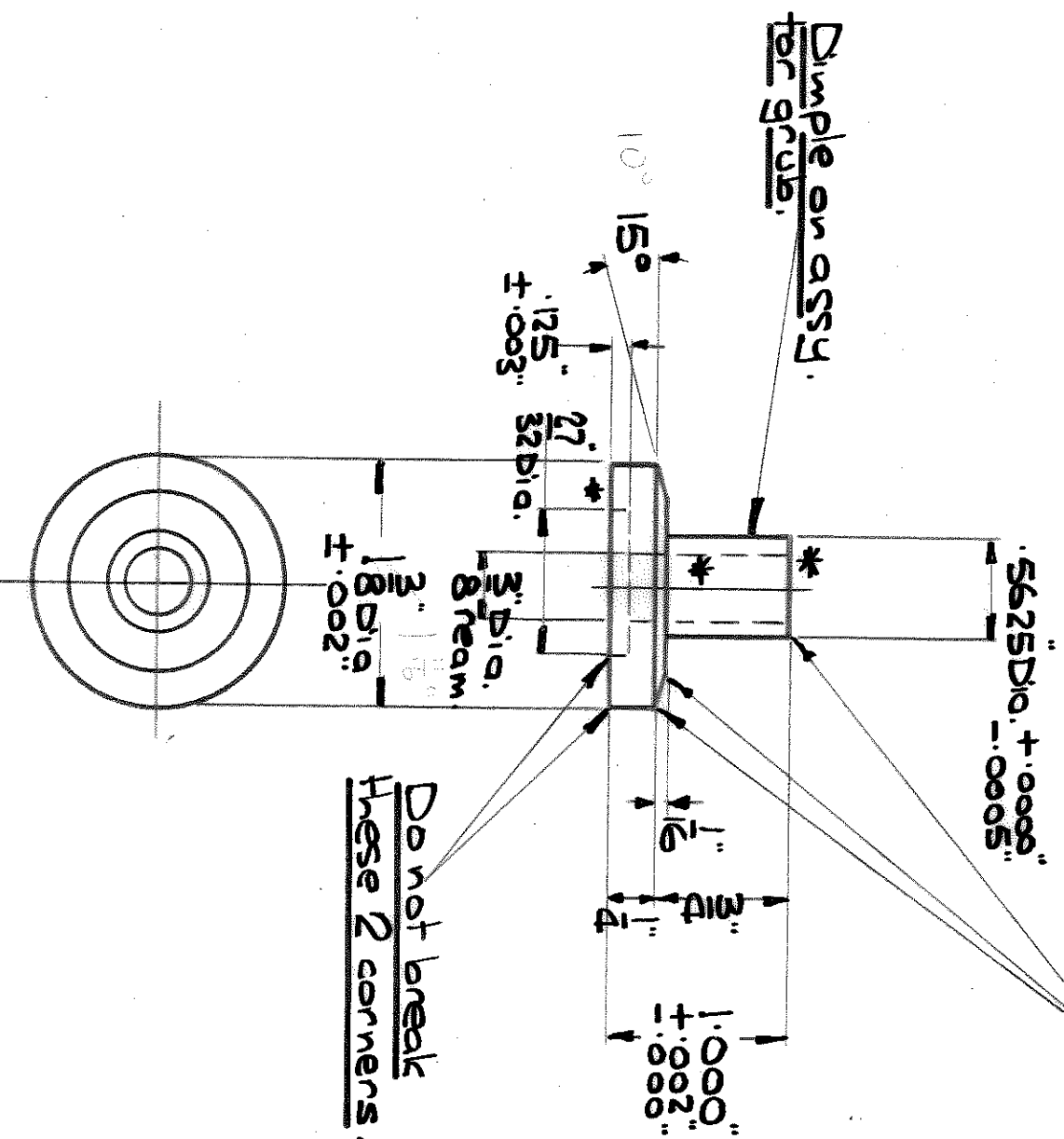
Machine of W.

D. O. Copy before Mod No 1445/67
11.4.67 B

5" Viceroy Metal Lathe - LOCKING PAD.

BY	MR. M. L. L. L. L.	DATE	28.8.61.
DIRECTOR	MR. M. L. L. L. L.	DATE	28.8.61.
ENGINEER	MR. M. L. L. L. L.	DATE	28.8.61.
CAST IRON.	CASTING.	Full.	M.L. 100/506

Break these 3 corners.



Johnson with Mad. B. 11/65

Machine all over.

* These faces must be parallel & square.

IF IN DOUBT ASK[®]

SViceroy Mehal Lathre - LEADSCREW BUSH.

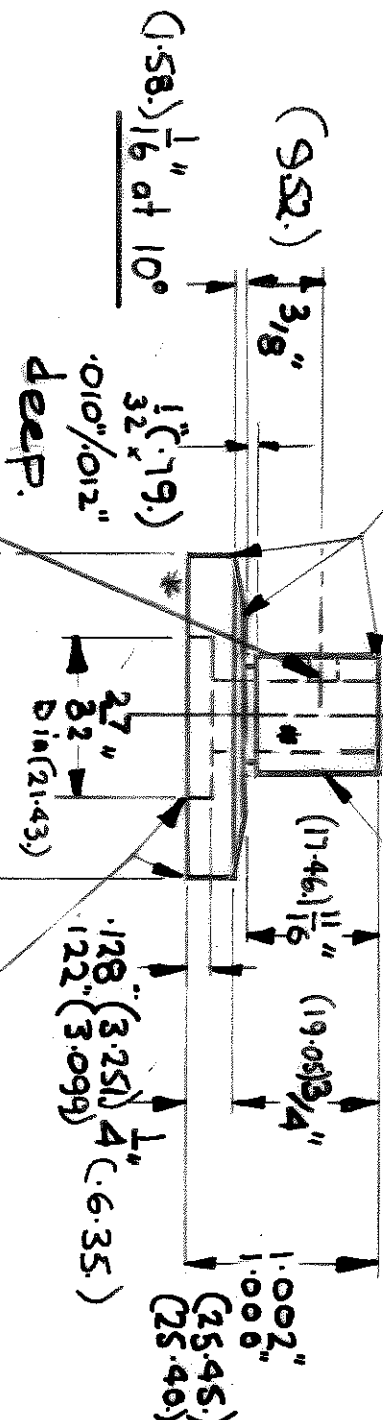
DENFORD MACHINE TOOLS LTD. (INC) DENFORD SMALL TOOLS (BRIG) LTD. BRIGHOUSE, YORKSHIRE.	
DRAWN	Adam S. Doble. 24.3.61.
CHECKED	[Signature] 24.3.61.
PASSED	
DATE	24.3.61.
MAT.	M.S.
MAT SIZE	13/8" Dia. x 1 1/8"
NO. READ.	1
SCALE	Full.
DRAWING No.	M.L.100/510

IF IN DOUBT ASK.

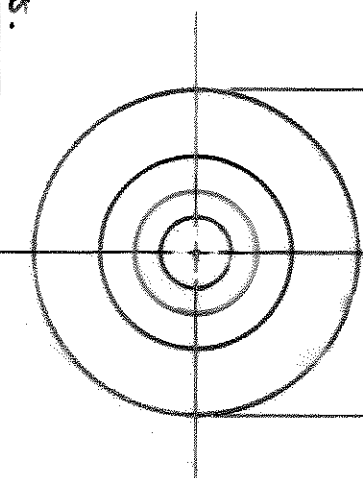
.6250" (15.8750.)
.6245" (15.8625.)

Break these 3 corners

Dimple on Assy. For
- grub.



Do not break these
2 corners.



Metric dims in brackets.

Machine all over

Grind at G.

* These Faces must be parallel & square.

5" Viceroy Metal Lathe - Lead screw Bush (English)

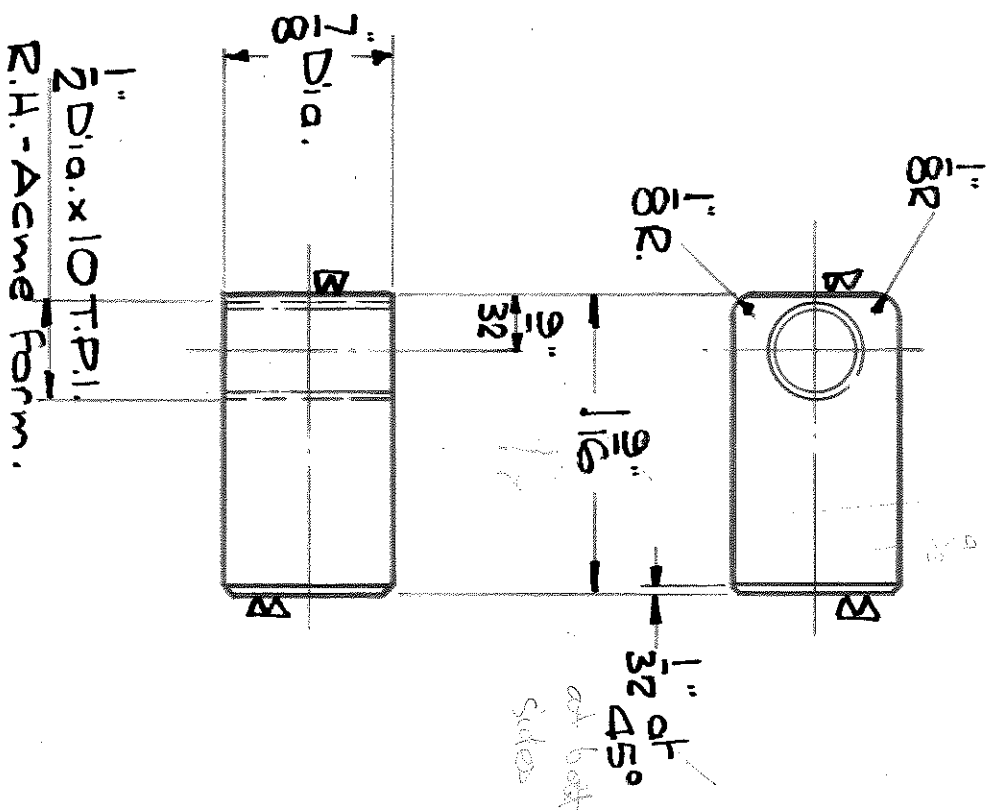
DENFORD MACHINE TOOLS LTD.
(INC) DENFORD SMALL TOOLS (BRIG) LTD.
BRIGHOUSE,
YORKSHIRE

DRAWN
M. M. Sowden
CHECKED
PACED
DATE
1. 11. 65

MAT. M. S.
MAT. (44.45) $\frac{3}{4}$ " dia x (28.57) $\frac{1}{8}$ "
No. REQD. 1 SCALE Full
DRAWING NO. ML 100/510

1229/6514-965 B.
Revised 1.11.65
1559/68 26.3.68 B.
1837 76.11.3.71 B.

IF IN DOUBT ASK.



M/c at W.

Reckman with Mod 1356/66 207.66 B

5" Metal Turning Lathe - FEED NUT.

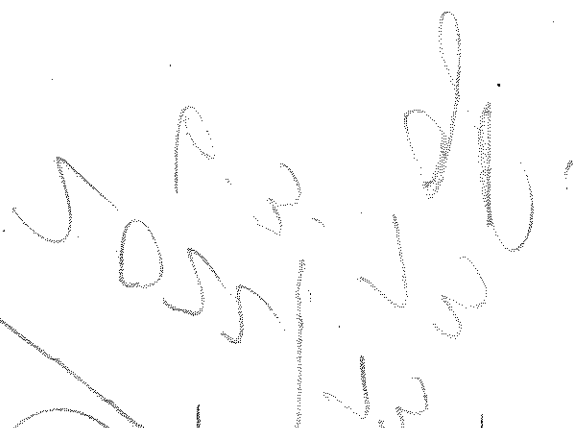
DENFORD MACHINE TOOLS LTD. (INC.) DENFORD SMALL TOOLS (BRIG) LTD. BRIGHOUSE, YORKSHIRE	DRAWN A. S. D. L. G. CHECKED P. S. PASSED DATE 1.4.64.	MAT. Free cutting PHOS. BRONZE. MAT. SIZE 7/8" Dia. x 1 3/16" No. REQD. 1 SCALE Full. DRAWING No. M.L.100/511
---	--	--

ALTERATIONS
356/66 20:7:66

1460/6717.4.67B

815-277

WAGB-TV



acme Form.

Machine all over. - Polish to Size

LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.

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

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

DRAWN
H. H. Sowden.

MAT. Phos. Bronze to B.S. 369 (dia $\pm .0005$ ")

CHECKED 

BRIGHOUSE

PASSED

No. REQD.	1	SCALE	Full
-----------	---	-------	------

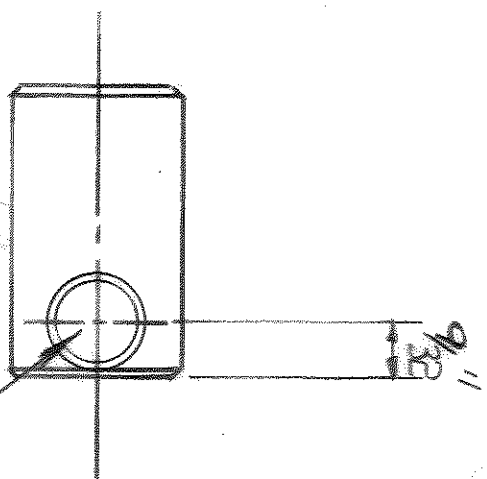
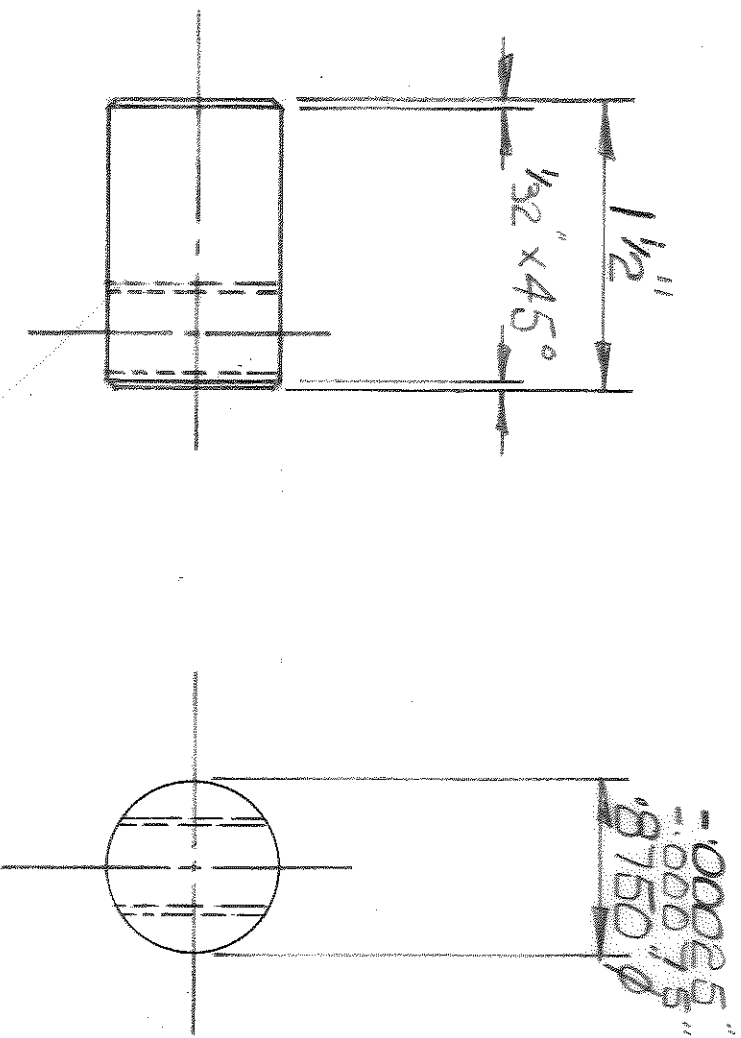
YORKSHIRE.

DATE 30/11/2011

ML100/511A

M.H. 15-2274/66

IF IN DOUBT ASK



1 HOLE $\frac{1}{2}$ " ϕ x 10 T.P.I. R.H
ACME FORM

MACHINE ALL OVER

POLISH TO SIZE

5" VICEROY METAL LATHE-TOP SLIDE FEED NUT (ENGLISH)

DENFORD MACHINE TOOLS LTD.

(INC.) DENFORD SMALL TOOLS (BRIG) LTD.

BRIGHOUSE,

YORKSHIRE

DRAWN

J.P.

CHECKED

PASSED

DATE

6-3-73

MAT. PROS BRONZE CONTINUOUS CAST BAR

MAT. SIZE 1" ϕ x 1 3/4"

NO. RECD.

1

SCALE FULL

DRAWING NO.

ML 100/511A

LIMITS ON DIMENSIONS UNLESS
OTHERWISE STATED.

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

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

REDRAWN 19/9/78.10.

ALTERATIONS

REDRAWN 6-3/73

202773 JP

2562/78

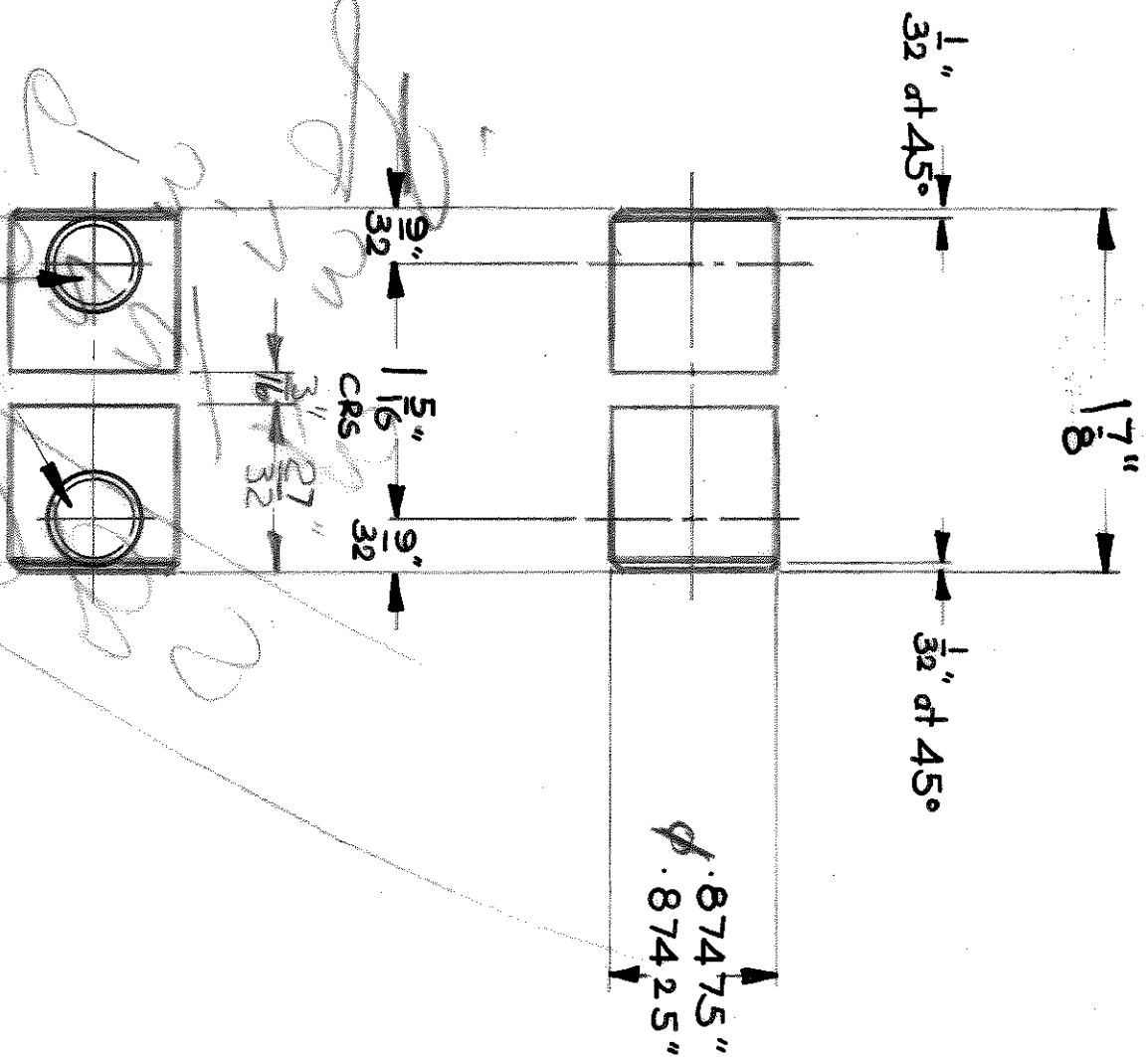
5.7.78.10

IF IN DOUBT ASK.

ALTERATIONS

16/9/69, 22.6.69, R.D.

20/6/73-122734



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

5" Viceroy Metal Lathes - Top Slide Feednut (Metric)

DENFORD MACHINE TOOLS LTD.
(INC.) DENFORD SMALL TOOLS (BRIG) LTD.

BRIGHOUSE,

YORKSHIRE.

DRAWN
M. M. Sowden.

CHECKED
A.

PASSED

DATE
6.6.67

MAT. Phos. Bronze to BS369 (dia $\pm .0005''$)

MAT. SIZE
7/8" Dia x 2 1/8"

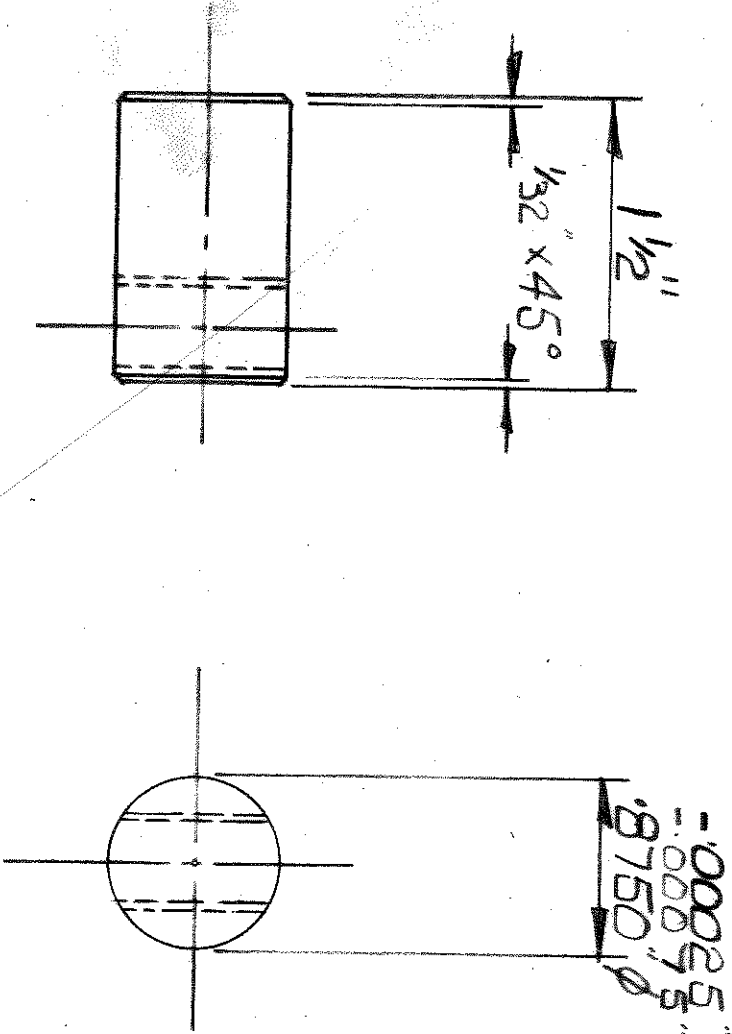
No. REQD. 1 SCALE Full

DRAWING No.

ML100/511B

M.H.L. 2374/1A

IF IN DOUBT ASK



1 HOLE 1/2" ϕ x .25" M DITCH R.H.

MODIFIED SQUARE FORM

MACHINE ALL OVER

POLISH TO SIZE

5" VICEROY METAL LATHE-TOP SLIDE FEED NUT (MERC)

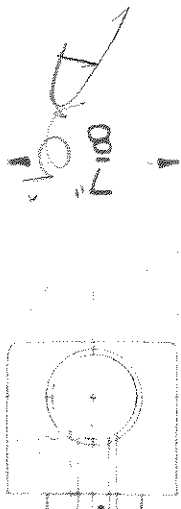
DENFORD MACHINE TOOLS LTD.		DRAWN J.P.		MAT 1/1	
(INC.) DENFORD SMALL TOOLS (BRIG) LTD.		CHECKED		MAT SIZE 1" ϕ x 1 3/4"	
BRIGHOUSE		PASSED		NO. RECD 1	
YORKSHIRE		DATE 6-3-73		DRAWING NO. ML 100/511B	

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

REDRAWN 19/9/78 14

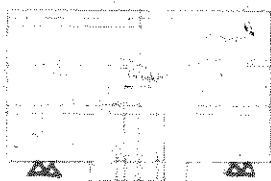
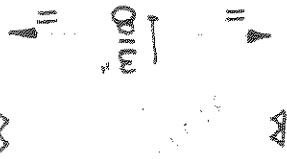
ALTERATIONS
REDRAWN 6-3-73
202273 JP
2562/78
5778 11

TAP 4 WHIT. - MARK
OFF ON ASSY.



1.500 ± .001

3/32



1.500 ± .002
1.000 ± .002
1.000 ± .002

1/2 DIA. x 10 TPI.
2 ACME FORM (LH)

M/C AT W

D.O. *Copy*

27 MAR 1961

P.C.S LATHE CROSS SLIDE UNIT - FEED NUT.

DATE	19 APR 1961	DRAWN	A.S. CLARK	MAT	FREE CUTTING P105.3R.
CHECKED	<i>(Signature)</i>	NO. FILED	1	SCALE	FULL.
DATE	24.3.61.	DATE	24.3.61.	DATE	M.L. 100/512

1.500 DIA.
WHIT. 500 TPI
TENSORS
18. 5.2 G2

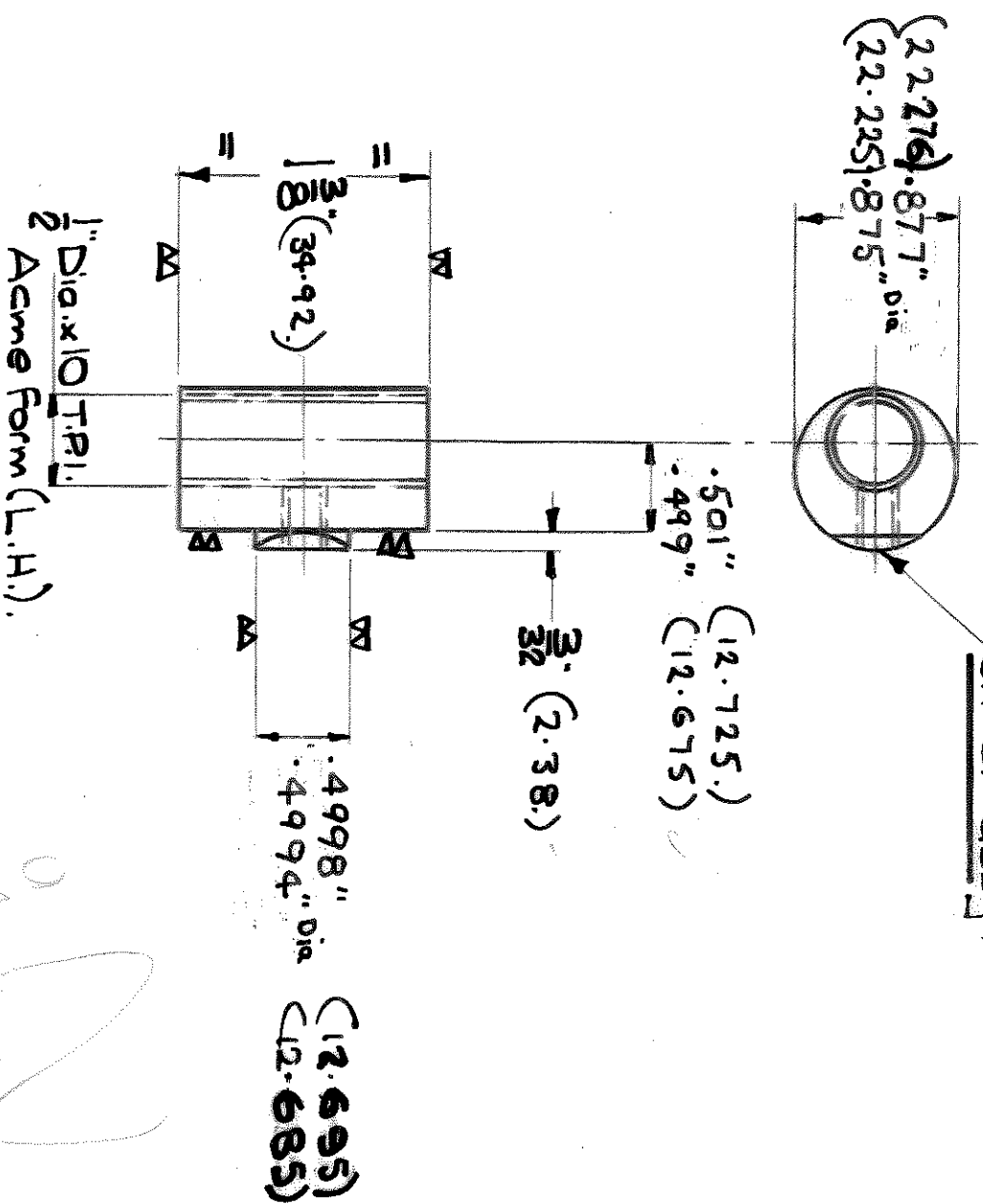
875
500
375

875
893
782
776

- 004
497
248

502
248
252

TOP 1" Whit-Mark
off on assy.



Machine at W

Metric dim's in brackets.

IF IN DOUBT ASK.

5" Viceroy Metal Lathe - FEED NUT. (English)

DENFORD MACHINE TOOLS LTD.
(INC) DENFORD SMALL TOOLS (BRIG) LTD.
BRIGHOUSE,
YORKSHIRE

DRAWN AcS Date.
CHECKED EB
PASSED
DATE 24.3.61.

MAT SIZE Phos. Bronze to BS369 (dia. $\pm .000''$)
(22.227) 8" Dia. x 1 5/8" (41.27)
No. REQD. 1 SCALE FULL.

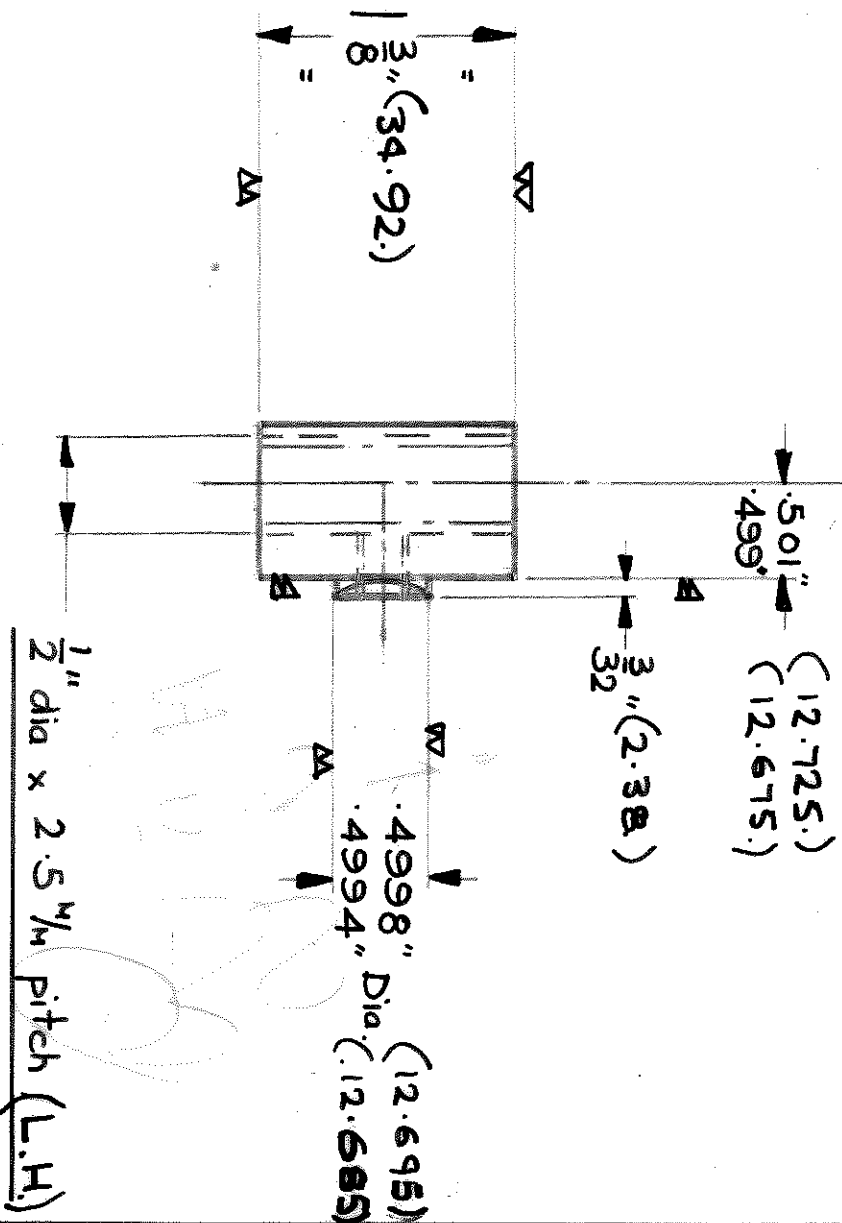
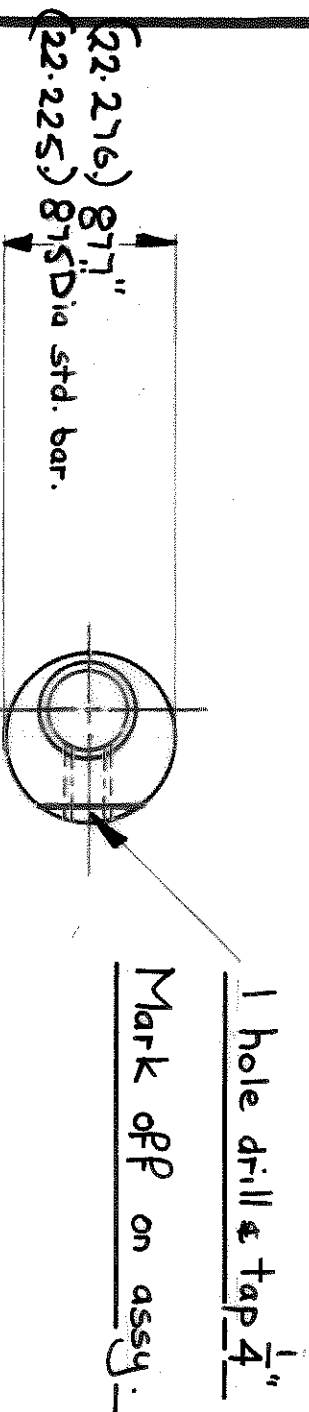
DRAWING No.

M.L.100/512A

IF IN DOUBT ASK.

ALTERATIONS

161969.276.69.RD.



Metric dim's in brackets

Modified Square Form.

Machine at W

5" Viceroy Metal Lathes - Feed Nut (Metric)

DENFORD MACHINE TOOLS LTD.
(Inc.) DENFORD SMALL TOOLS (BRIG) LTD.
BRIGHOUSE,
YORKSHIRE.

DRAWN *M. H. Soudan*
CHECKED *AS*
PASSED
DATE 6.6.67

MAT. Phos. Bronze to BS369 (dia $\pm .005$)
MAT. SIZE $\frac{1}{2}$ " Dia x $1\frac{5}{8}$ " (4.21.)
No. REQD. 1 SCALE Full
DRAWING No. ML100/512B

LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.

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

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

IF IN DOUBT ASK.

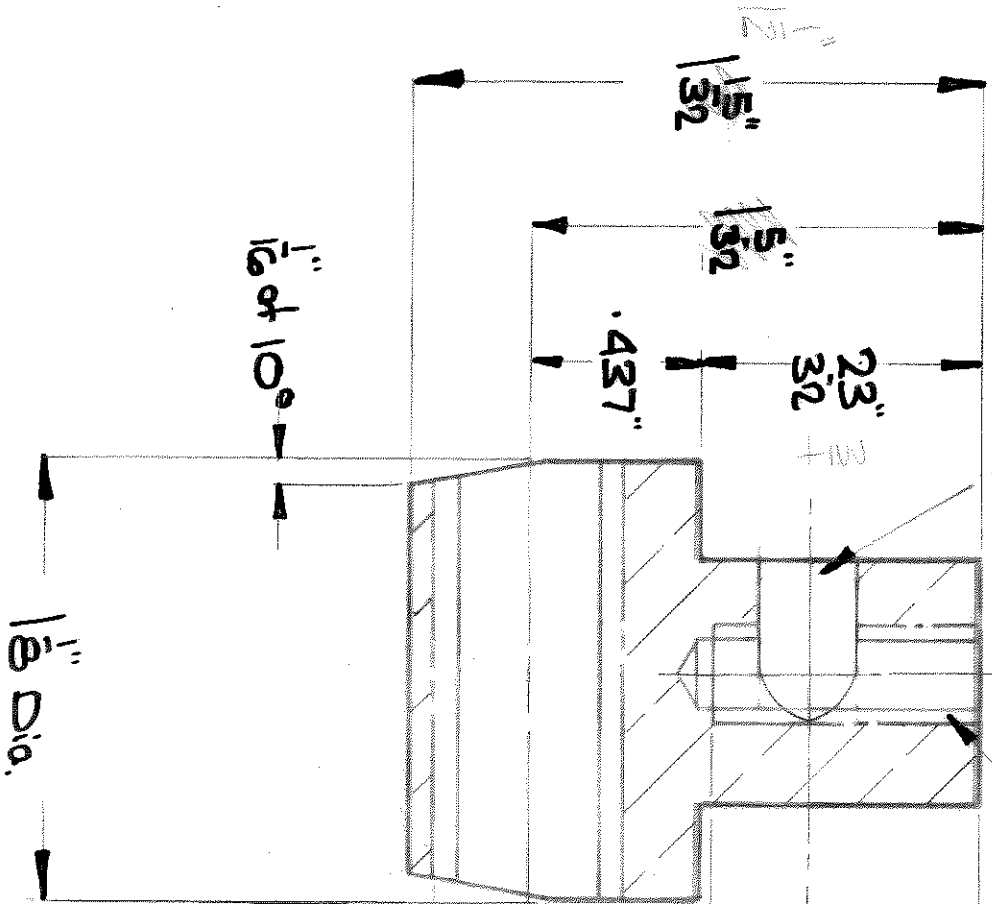
ALTERATIONS

2562/78 57.78
2415/78 23.028
14

1 hole drill
1/4 Dia

.0245"
.0230"
Dia

1 hole drill 6.8mm
at top MB



1/2 Dia x 10 TPI
Modified square thread
(L.H.)
Bore = .405"
Thd depth = .050"

REDRAWN
12/9/84

Machine all over

Remove all sharp corners

5" Viceroy Metal Lathe - FEED NUT (ENGLISH)

LIMITS ON DIMENSIONS UNLESS
OTHERWISE STATED.

ANGULAR $\pm \frac{1}{2}^\circ$ 3 PLACE DECIMAL $\pm .005''$
FRACTIONAL $\pm .010''$ 4 PLACE DECIMAL $\pm .0005''$

DENFORD MACHINE TOOLS LTD.

(Inc.) DENFORD SMALL TOOLS (BRIG) LTD.

BRIGHOUSE,

YORKSHIRE.

DRAWN

1/2

CHECKED

1/2

PASSED

DATE 1.7.70

MAT. PROS BRONZE CONTINUOUS CAST BAR

MAT. SIZE 1/4 Dia x 1 3/16 long

No. REOD. 1 SCALE 2 x FULL

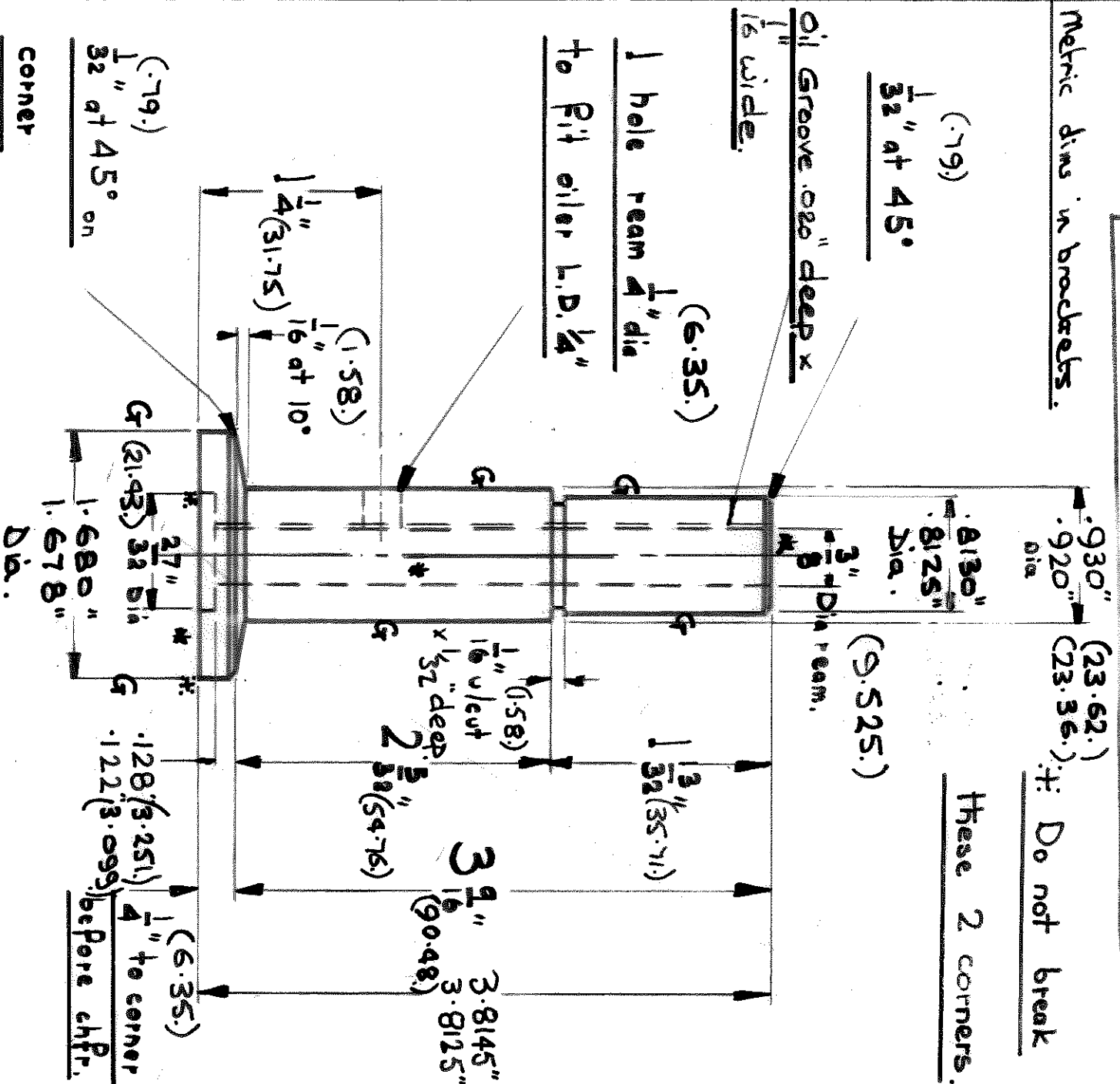
DRAWING No.

ML100/512.C.

GA.FL0179/69

IF IN DOUBT ASK.

Metric dims in brackets.



5" Viceroy P.C.S. Lathe - Saddle Leadscrew Bush. (English)

DRAWN M.M. Souden		MAT. M.S. (44.45 x 103.2)	
CHECKED		MAT SIZE 1 3/4" D. x 4 1/16" long	
PASSED		No. REQD. 1	
DATE 1. 11. 65		SCALE Full	
DENFORD MACHINE TOOLS LTD. (INC.) DENFORD SMALL TOOLS (BRIG) LTD. BRIGHOUSE, YORKSHIRE		DRAWING No. ML 100/513	

IF IN DOUBT ASK.

ALTERATIONS

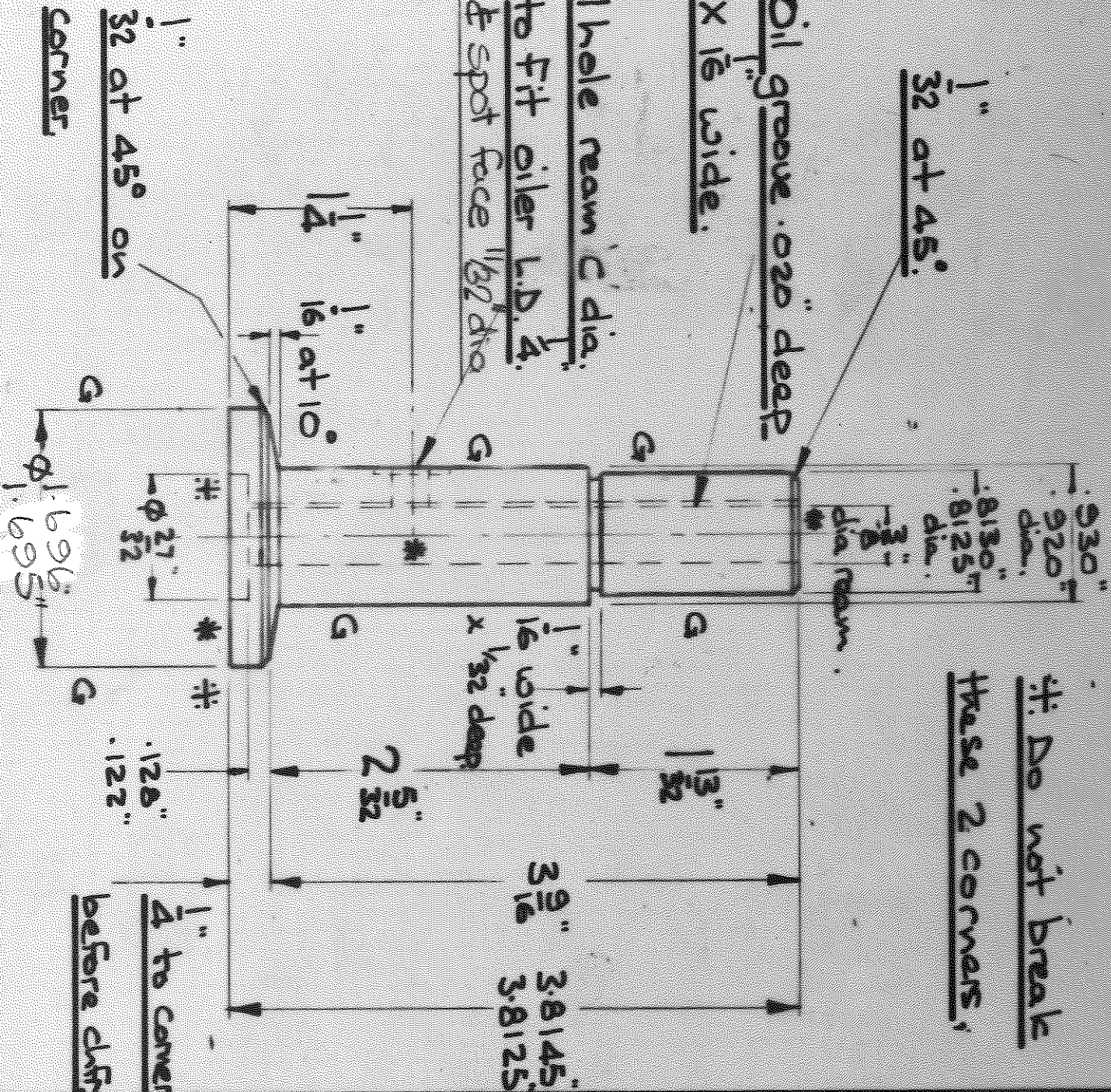
1994/11.16.10.71.8D
2000/01.16.10.71.8D
1994/11.16.10.71.8D
2020/13.5.33.71
2020/11.6.8.6.7.6.8D

$\frac{1}{32}$ " at 45°

Do not break these 2 corners

Oil groove .020" deep
X 16 wide.

1 hole ream C dia.
to fit oiler L.D. $\frac{1}{4}$ "
& spot face $\frac{1}{32}$ " dia.



Machine all over. — Grind at 'G'

* These faces must be parallel & square.
Remove sharp corners.

5" Viceroy Metal Lathe: — Saddle Lead screw Bush (ENGLISH)

DRAWN		MAT.	
RD.		M.S.	
CHECKED		MAT. SIZE	
RD.		16.16 dia x 4.16" long.	
PASSED		No. REQD.	
		1	
DATE		SCALE	
20.10.71.		Full.	
YORKSHIRE.		DRAWING No.	
		ML100/513E	

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

1980

1-8125 D1A
+ 0015
+ 0010

1050

$\frac{1}{32} \text{ AT } 45^\circ$

THE
JOURNAL
OF
THE
ROYAL
ANTHROPOLOGICAL
INSTITUTE

2046

27
D.A. Rices
Added

8125 DIA MAS
750 DIA
750 DIA

INVESTIGATIONS



 DEPARTMENT OF HEALTH AND HUMAN SERVICES

Chambers added

420

2/10/63

READY-DRILL-HOLE
FIT OVER REELDS

1. *...and the ...*

11

51
52

北

100

100

100

To Vertical

ACORN

000000

3/10/68

* THESE FACES MUST BE PARALLEL & SQUARE

FROM THE UNITED STATES

7
Z
O
O
L
G

S
E

PC S. LATHE SADDLE UNIT-LEADSCREW BUSH

DENFORD SMALT TOOLS

DAVIDSON

3
2
1
0

BOOKED

4 x 21 1/2 1/2

Abstract The purpose of this study was to determine the effect of a 12-week training program on the physical fitness of 10-year-old children. The study was conducted in a primary school in the city of Ankara, Turkey. The study group consisted of 20 children (10 boys and 10 girls) who were randomly selected from the 10-year-old children in the school. The children were divided into two groups: a control group and an experimental group. The control group did not participate in any physical activity during the study period, while the experimental group participated in a 12-week training program. The training program consisted of aerobic, strength, and flexibility exercises. The physical fitness of the children was measured at the beginning and at the end of the study period. The results showed that the experimental group had significantly higher levels of physical fitness than the control group at the end of the study period. The study suggests that a 12-week training program can improve the physical fitness of 10-year-old children.

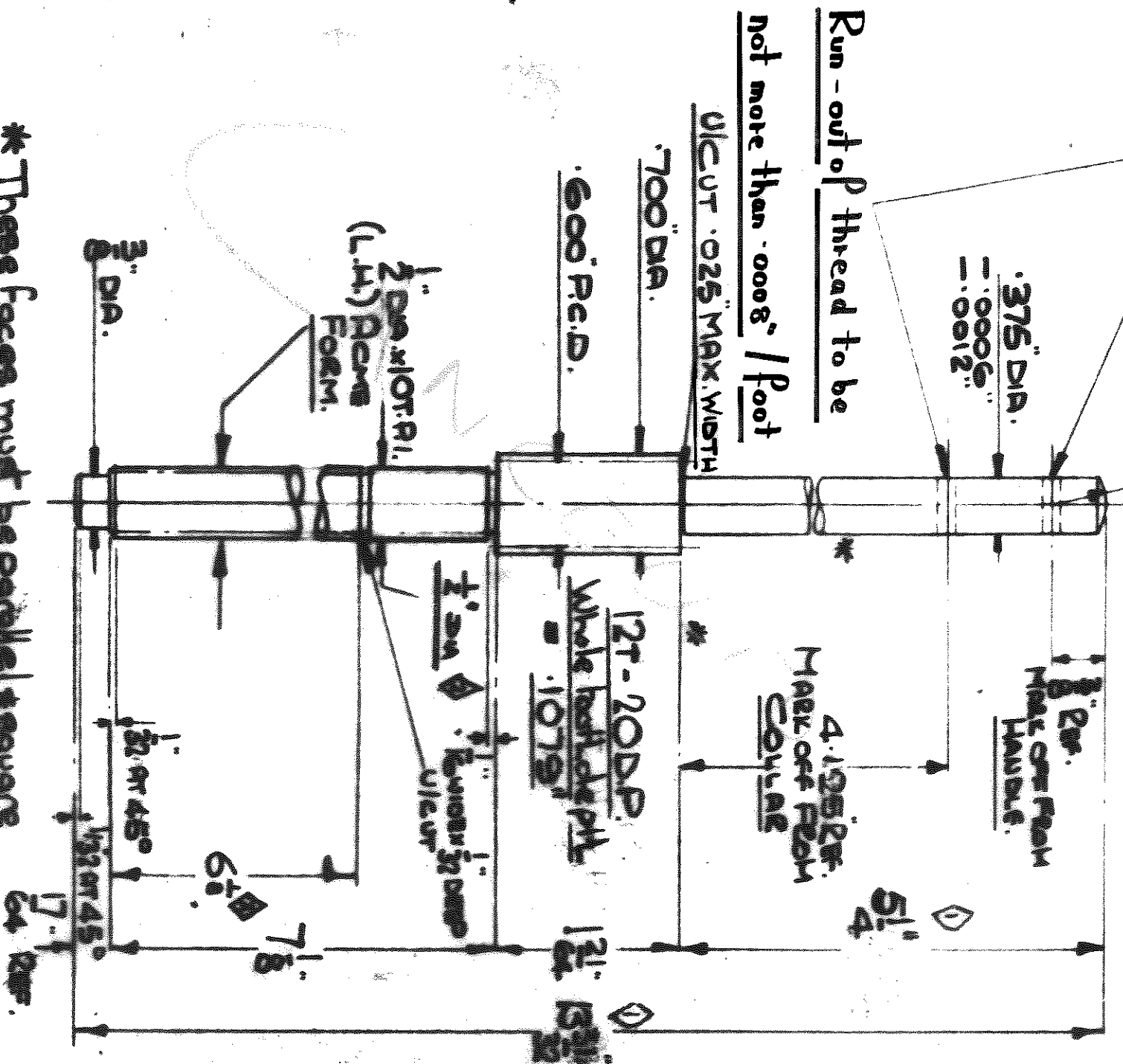
五ノ

310041

2 Holes Ready for the No.

Remove All Sharp Edges.

Hack off. Or assy.



* These faces must be parallel & square.

M/C ALL OVER.

KNOWERS

5" Viceroy Metal Lathe - Cross-Slide Lathe

69

DRAWN AT 10.5.04

MA
I

CHILD



TCR



DATE 2-1-63

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was subjected to a control protocol (CP) and the EG to an experimental protocol (EP). The CP consisted of a 10-min rest period followed by a 10-min work period. The EP consisted of a 10-min rest period followed by a 10-min work period. The work period was divided into two phases: a 5-min phase of low intensity (LI) and a 5-min phase of high intensity (HI). The LI phase was performed at 50% of the maximum heart rate (HR_{max}) and the HI phase at 80% of HR_{max}. The subjects were then subjected to a 10-min recovery period. The subjects were then subjected to a 10-min rest period followed by a 10-min work period. The work period was divided into two phases: a 5-min phase of low intensity (LI) and a 5-min phase of high intensity (HI). The LI phase was performed at 50% of the maximum heart rate (HR_{max}) and the HI phase at 80% of HR_{max}. The subjects were then subjected to a 10-min recovery period.

378

1329
1331
1332

2523

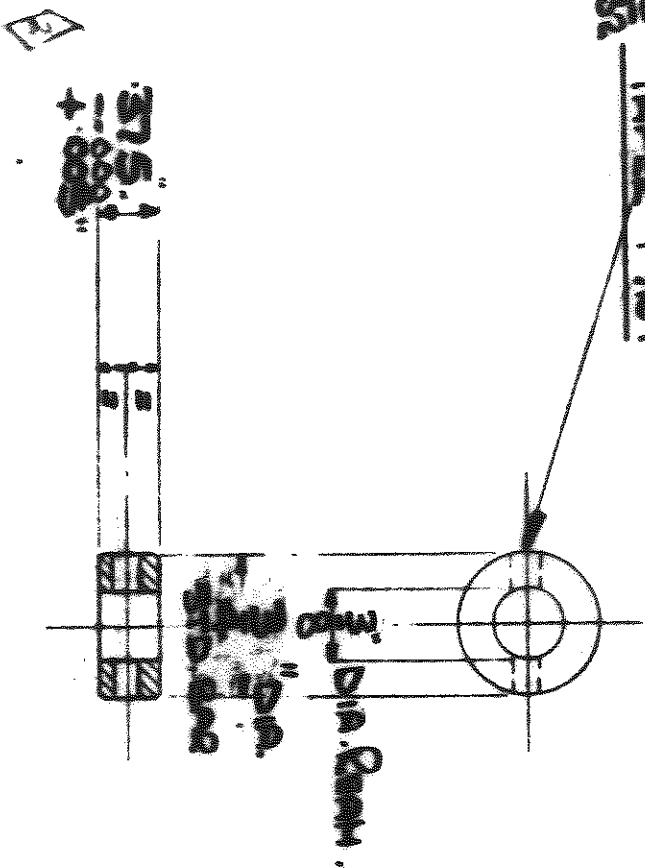
1. plan, made
or approved
by D. M. Note

1064/64-2-10-64-2

IF IN DOUBT - ASK

Remove ALL SHARP EDGES.

Drill & Ream To Suit
5" TAPER P.I.D.



ALL FACES MUST BE PARALLEL & SQUARE.

M/C ALL OVER.

2nd 1/2 1/2

ELONG

5" Viceroy Metal Lathe - Top & Cross Slide Drilling Center.

DENFORD SMALL TOOLS

(BRIG.) L...

BRIHOUSE,

YORKSHIRE.

DRAWN AND SIGNED

CHECKED BY

PASSED

DATE 2.1.62.

MAT. M.S.

MAT. SIZE 5/8" x 3/4" DIA.

NO. RECD 2 SCA. FULL

DRAWING NO.

M.L. 1001/101

3/4" DIA.
+0.000
-0.015
-0.025

2.2.1.63

+0.000
-0.015
-0.025

DR No. 101

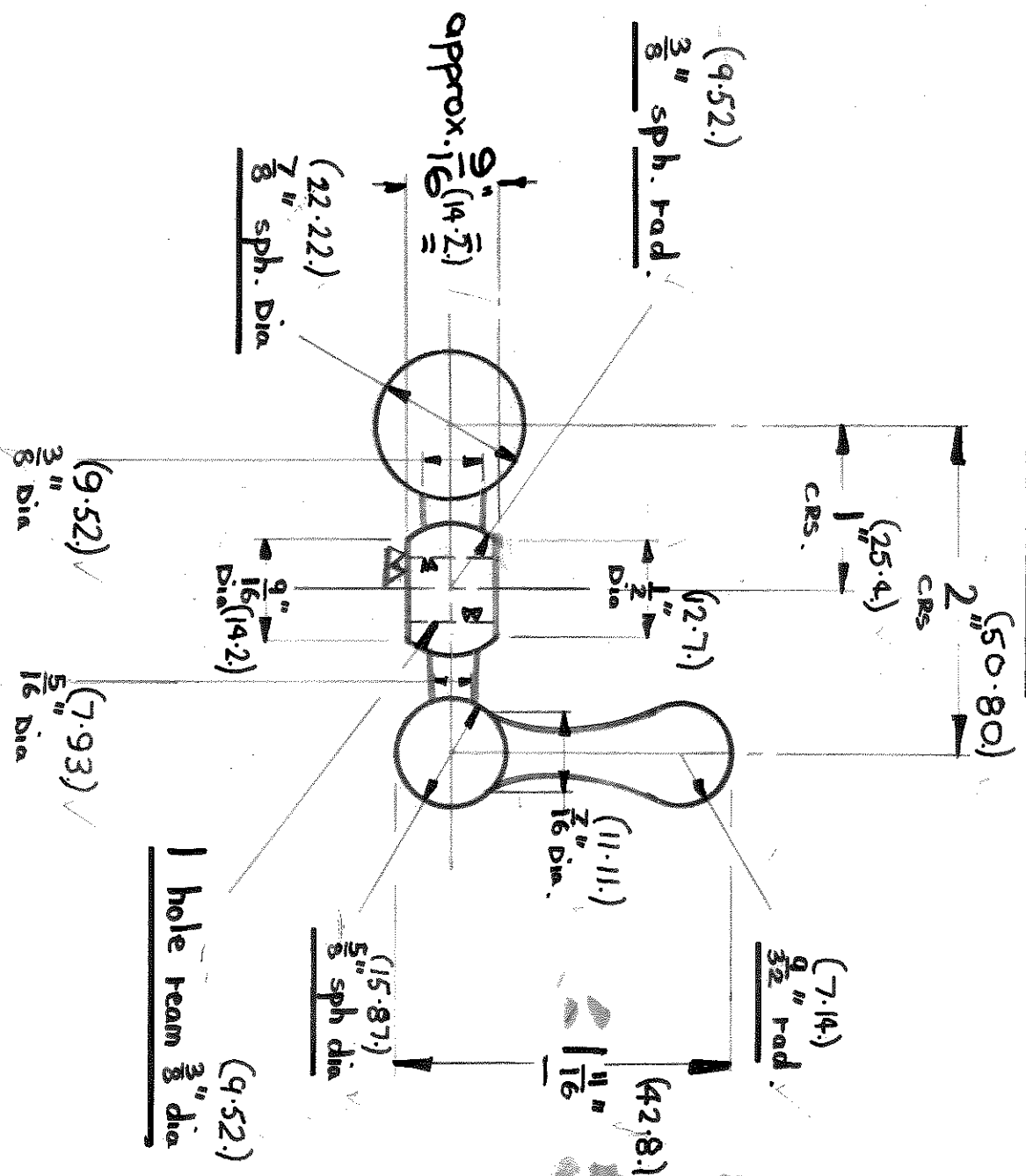
M/S 2.10.63

FE IN DOUBT ASK.

Return 26-1-65

Machine at w

Metric dims in brackets.



Remove sharp edges

Chrome Plate

Q
R
S
T
U
V
W
X
Y
Z

5" Viceroy Metal Lathe : 3 Ball Handle.

DENFORD MACHINE TOOLS LTD.
(INC) DENFORD SMALL TOOLS (BRIG) LTD.

DRAWN
M.H. Soudan.

CHECKED

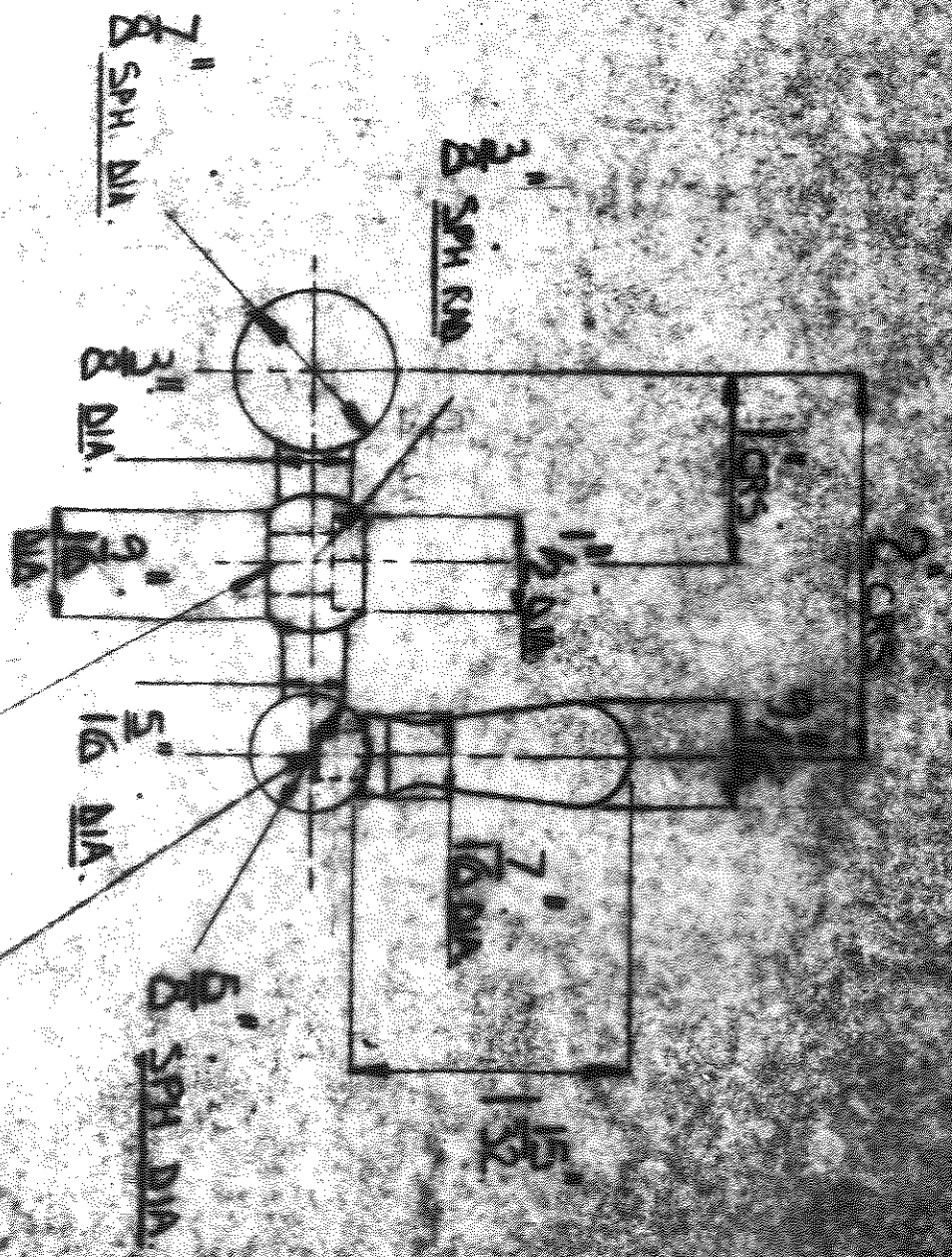

PAISiD

DATE 26-1-65

MAT. Malleable Iron - Chrome Plate
MAT SIZE Casting

NO. REC'D. SCALE

ML 100/516



ONE HOLE REAM 1/16 DIA.

C'BORE 1/2 DIA X 1/8 DEEP

ONE HOLE DRILL 1/4 DIA X 1/4 DEEP

IF IN DOUBT ASK

CHROME PLATE

5' VICEROY EDUCATOR METAL TURNING LATHE

3 BALL HANDLE

DENFORD SMALL TOOLS

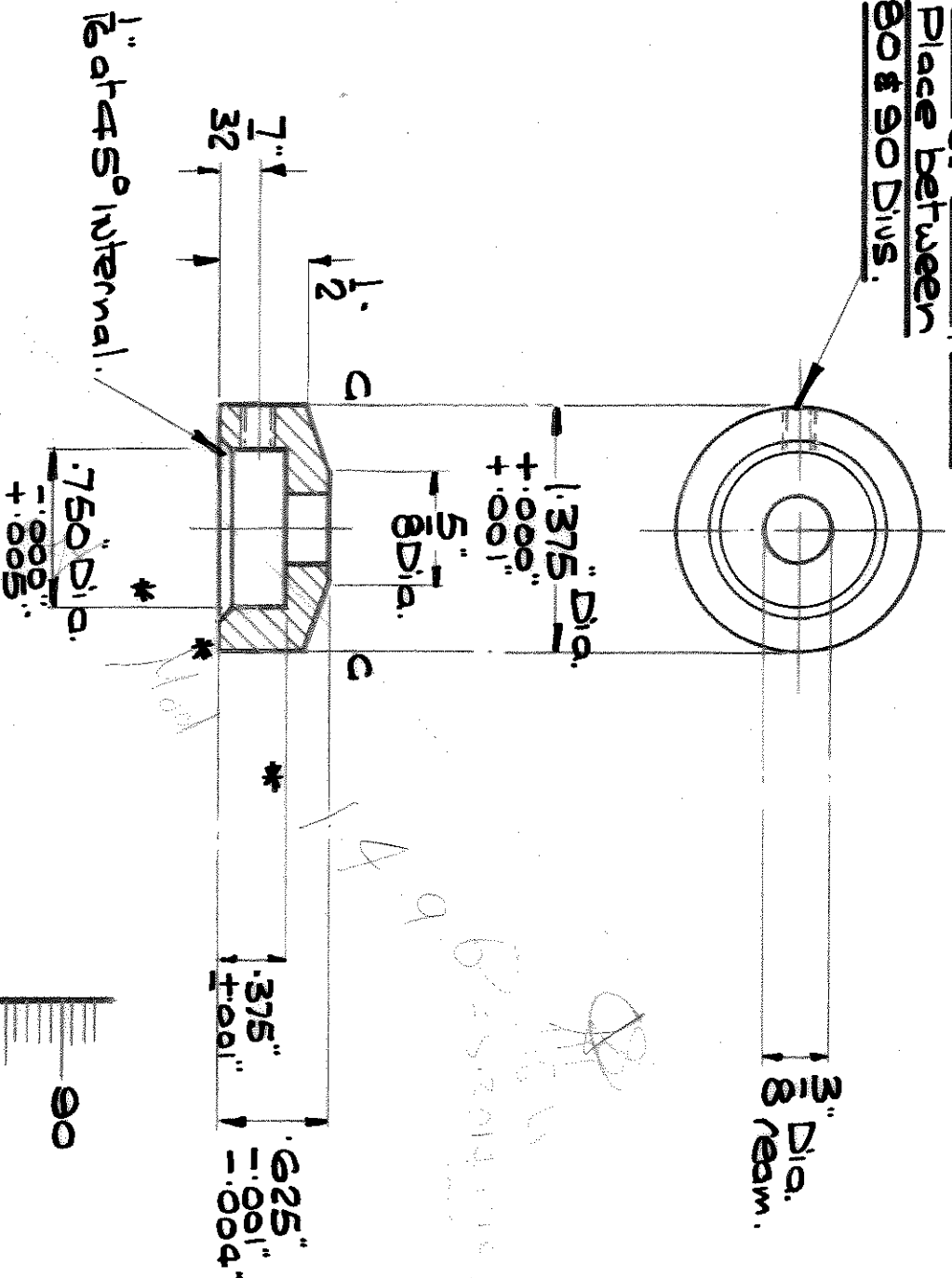
BRIG LTD.
BRIGHOUSE
YORKSHIRE

DRAWN	JP	MATERIAL	MALLEABLE IRON
CHECKED		MATERIAL SIZE	CASTING
PASSED		NO REAB	2 SCREW FULL SIZE
DATE	4.8.58	DRG	NO

IF IN DOUBT ASK.

Remove all sharp edges.

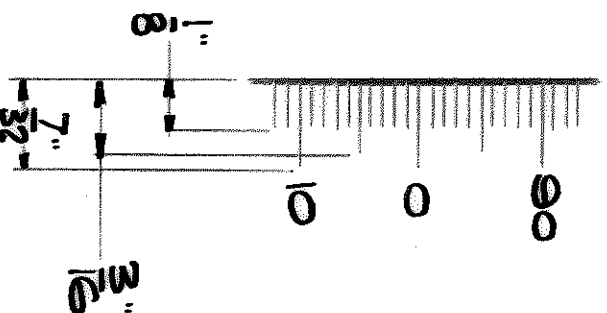
Drill $\frac{5}{16}$ " dia. & tap 2BA.-
Place between
80 & 90 Dirs.



* These faces must be parallel
& square with bore.

Machine all over - Grind at C.
Dull chrome.

Scrap view of engraving.



5" Viceroy Metal Lathe - Top & Cross-Slide Dial.

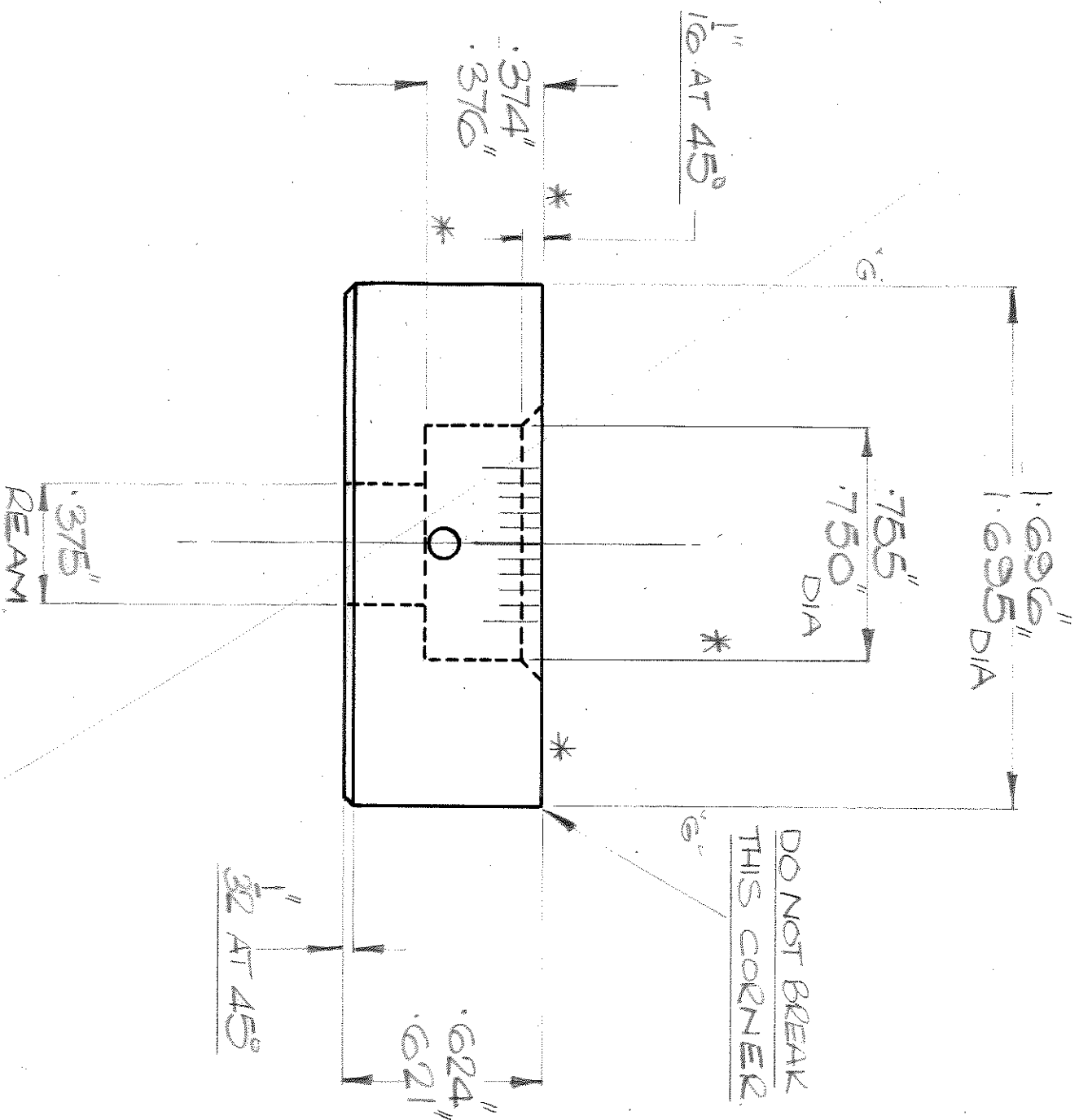
DUNFORD MACHINE TOOLS LTD.
(INC) DUNFORD SMALL TOOLS (BRIG) LTD.
BRICKHOUSE,
YORKSHIRE.

DRAWN Ans Rely
CHECKED B
PASSED
DATE 3.1.63.

MAT. M.S.
MAT SIZE 13/8" Dia. x 3/4"
No. REQD. 2 SCALE Full.
DRAWING No. M.L.100/520

IF IN DOUBT ASK

ALTERATIONS

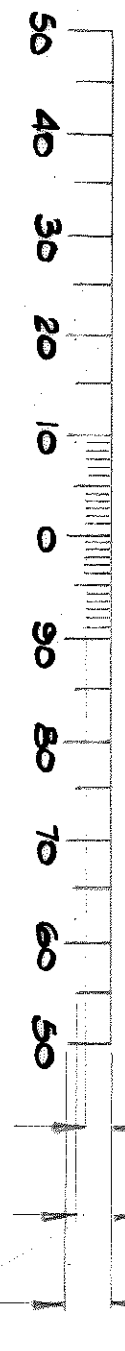


*

THESE FACES MUST BE SQUARE & PARALLEL

MACHINE ALL OVER - GRIND AT 'G'

DULL CHROME FINISH.



100 EQUISPACED DIVISIONS.

NUMBERS 3/32 HIGH.

VICE ROY METAL LATHE - TOP & CROSS SLIDE DIAL (ENG)

LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.

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

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

DENFORD MACHINE TOOLS LTD.
(INC.) DENFORD SMALL TOOLS (BRIG) LTD.
BRIGHOUSE,
YORKSHIRE.

DRAWN W.

CHECKED

PASSED

DATE 15-2-78

MAT. MILD STEEL

MAT. SIZE 1 3/4 DIA x 7/8

No. REQD. 2 SCALE 2 x FULL

DRAWING No.

ML.100/520.A.

WYDAS

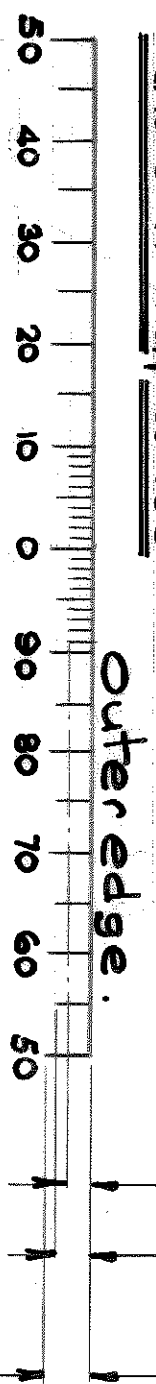
1229/05 14.9.65 B
1565/66. 27.3.68 B

1748/70.8470
1830/71.103.71.22
1963/72.19.672.22



Machine all over - Grind at C.
Pull chrome finish.
(3.17)(476)(553)
1" 3" 7"

Osteredse.



5" Viceroy Metal Lathe - TOP & CROSS-SLIDE DIAH. (ENGLISH).

DRAWN
CHECKED
Pam S. Delp

CHECKED
PASSED

DATE _____

M.L.100/520A

IF IN DOUBT ASK.

ALTERATIONS

1565 68.273.68.27

1037/71.11.3.71.Bb.

1824/71.16.10.71.20

Redman 16.10.71

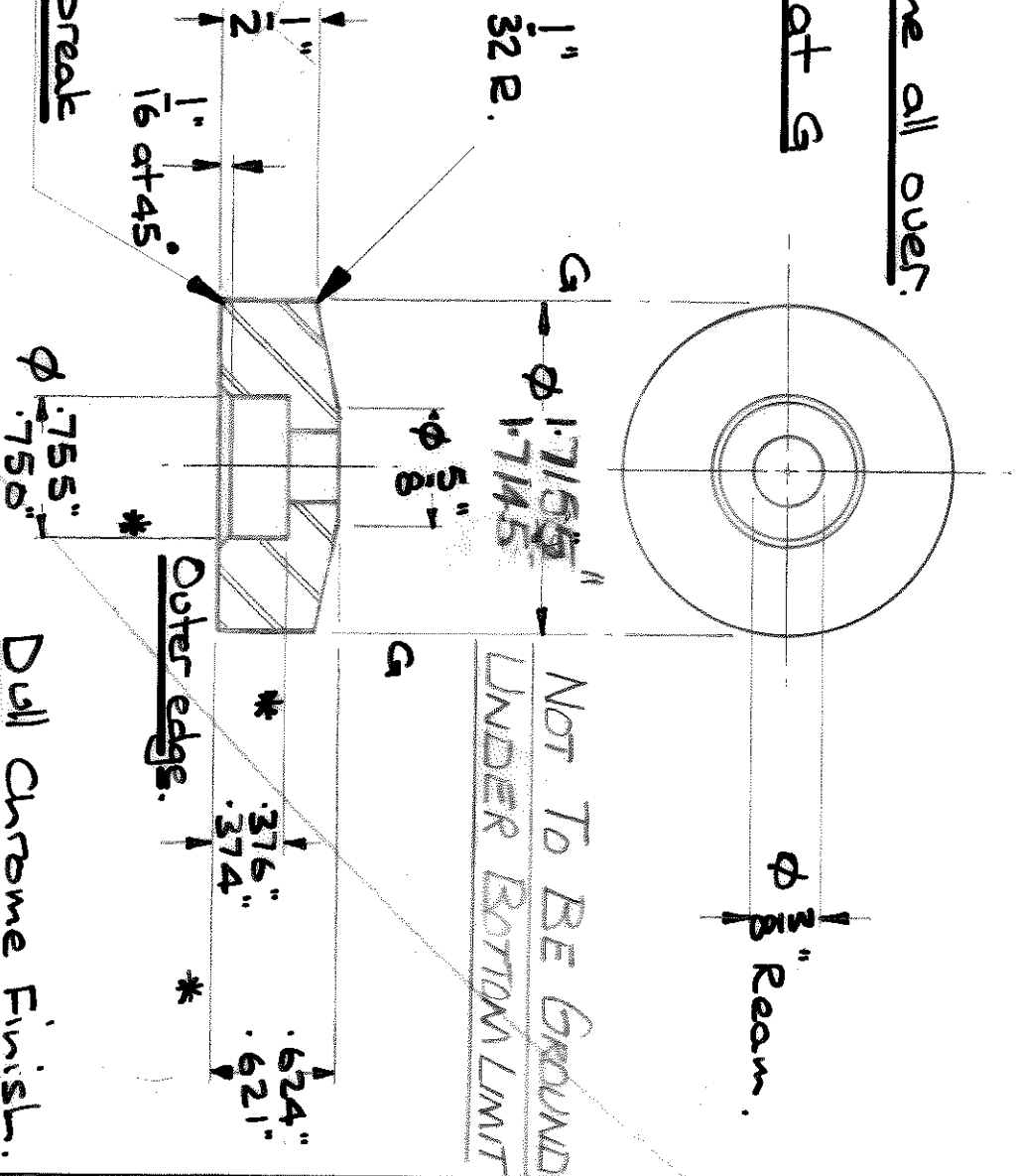
1963/72.19.6.72.80

2020/7/31-3/27

* These faces must be parallel & square.

Machine all over:

673



Do not break
this corner.

Dull Chrome Finish.

Remove all sharp corners

Details of engraving: Figs - $\frac{3}{32}$ high. outer edge. $\frac{1}{8}$ $\frac{7}{32}$



100 equi-spaced divisions on periphery:-

5" Viceroy Metal Lattex: Top & Cross Slide Dial (Metric)

DENFORD MACHINE TOOLS LTD.

(INC.) DENFORD SMALL TOOLS (BRIG) LTD.

BRIGHOUSE,

YORKSHIRE.

DRAWN

10
9

MAT.

И
в
.

CHECKED

△△

MAT. SIZE 1 5/16" dia x 7/8"

No. RECD. 2. SCALE Full.

DRAWING No.

SCALE Full.

DATE _____

16.10.71.

DRAWING No.

ML100/520B.

LIMITS ON DIMENSIONS UNLESS
OTHERWISE STATED.

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

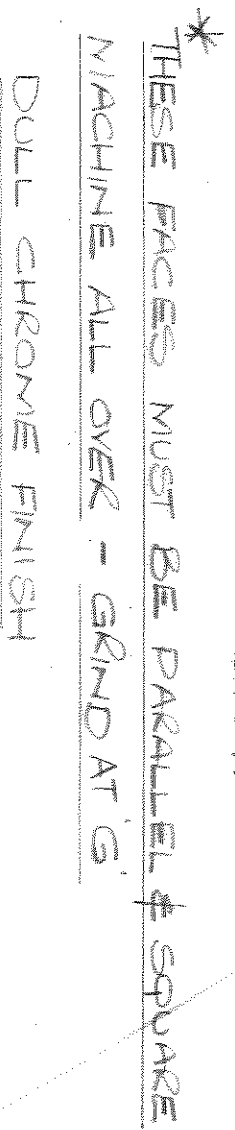
FRACTIONAL $\pm .010''$ 4 PLACE DECIMAL $\pm .0005''$

REDRAWN

1527

CSA.FA.0119/69

ALTERATIONS



DENFORD MACHINE TOOLS LTD.
(INC.) DENFORD SMALL TOOLS (BRIG) LTD.
BRIGHOUSE,
YORKSHIRE.

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

W.F.Y. D.O.S.