

2610/78. 10.10.78.RD



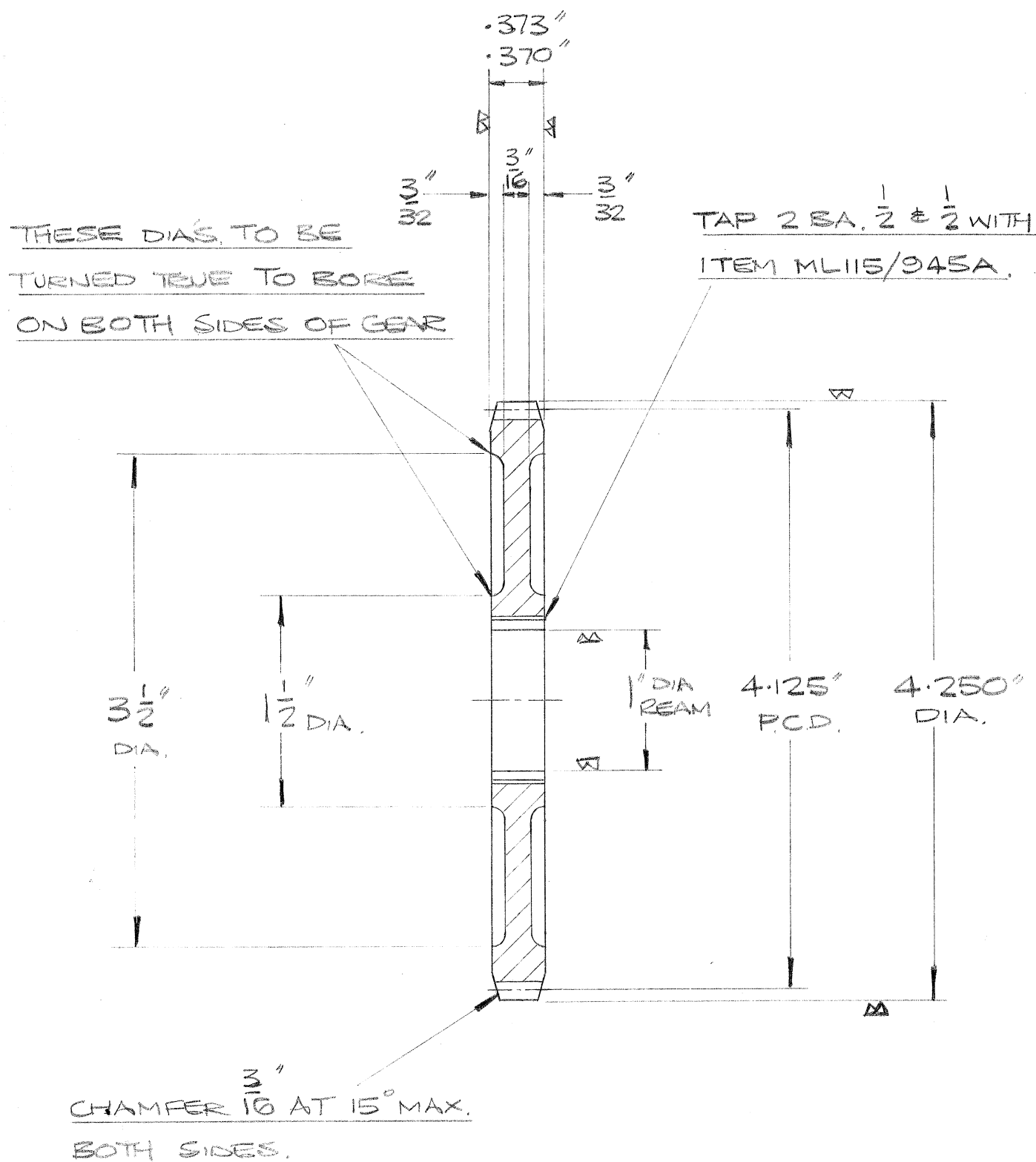
FRACTIONAL $\pm .010''$ 4 PLACE DECIMAL $\pm .0005''$

MAT.	CAST IRON.	
MAT. SIZE	CASTING.	
No. REQD.	1	SCALE FULL
DRAWING No.	ML115/908A	

IF IN DOUBT ASK

ALTERATIONS

2610/78.10.10.78RD



No OF TEETH	66T.
D.P.	16
PRESS. $\angle$	20°
WHOLE TOOTH DEPTH	.1348"

LIMITS ON DIMENSIONS UNLESS
OTHERWISE STATED.

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

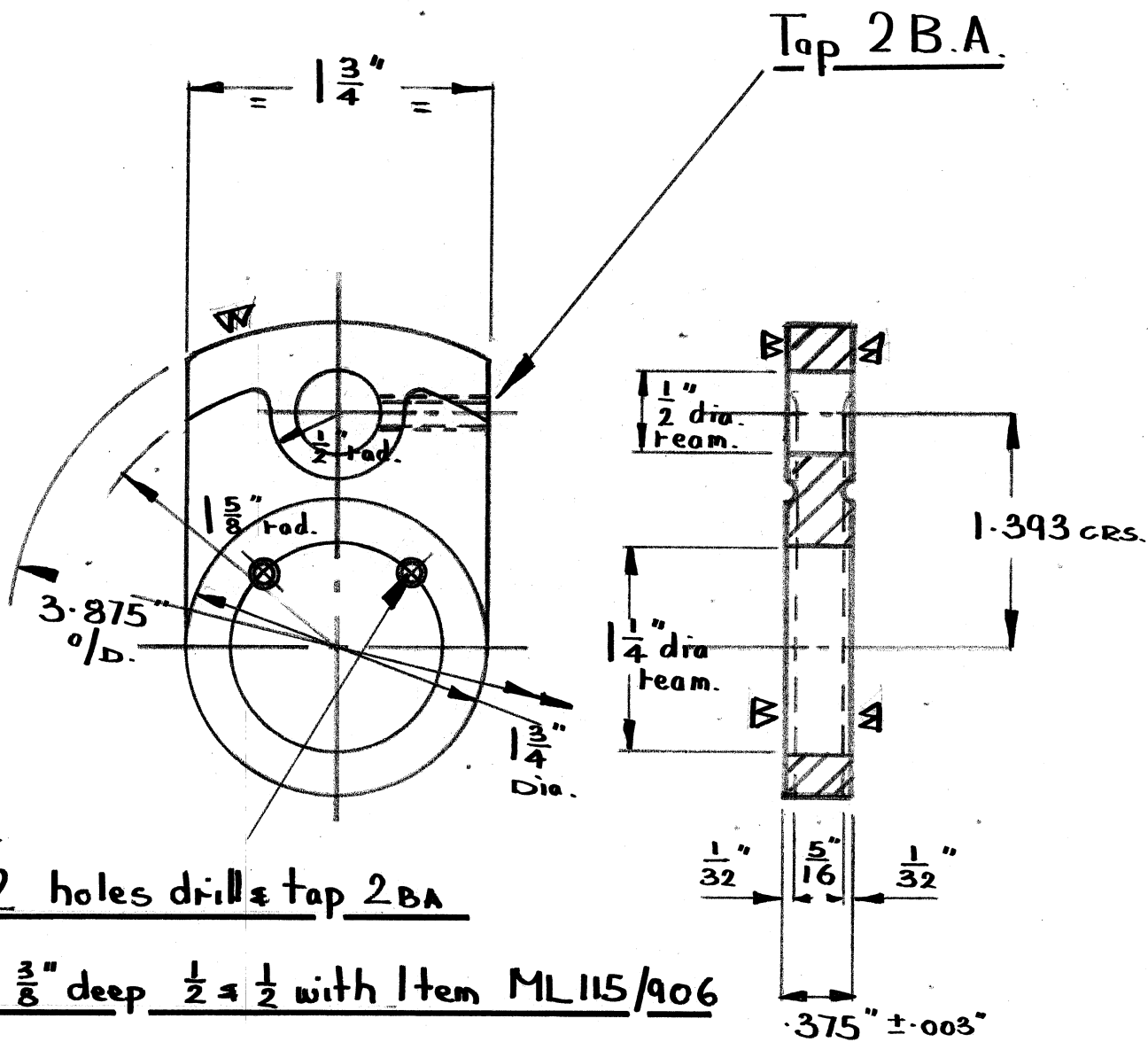
FRACTIONAL $\pm .010$ " 4 PLACE DECIMAL $\pm .0005$ "

5" # 280 VS. LATHE - 66T. QUADRANT GEAR.

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

DRAWN RD
CHECKED
PASSED
DATE 10.5.78.

MAT. CAST IRON
MAT. SIZE CASTING
No. REQD. 1
SCALE FULL
DRAWING No. ML115/909A.



5" Viceroy Gearbox Lathe - Tumbler Carrier End.

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

DRAWN M.M. Sowden
CHECKED AS
PASSED
DATE 25.8.64

MAT. Cast Iron
MAT SIZE Casting
No. REQD. 1 SCALE Full
DRAWING No. M.L. 115/910 A

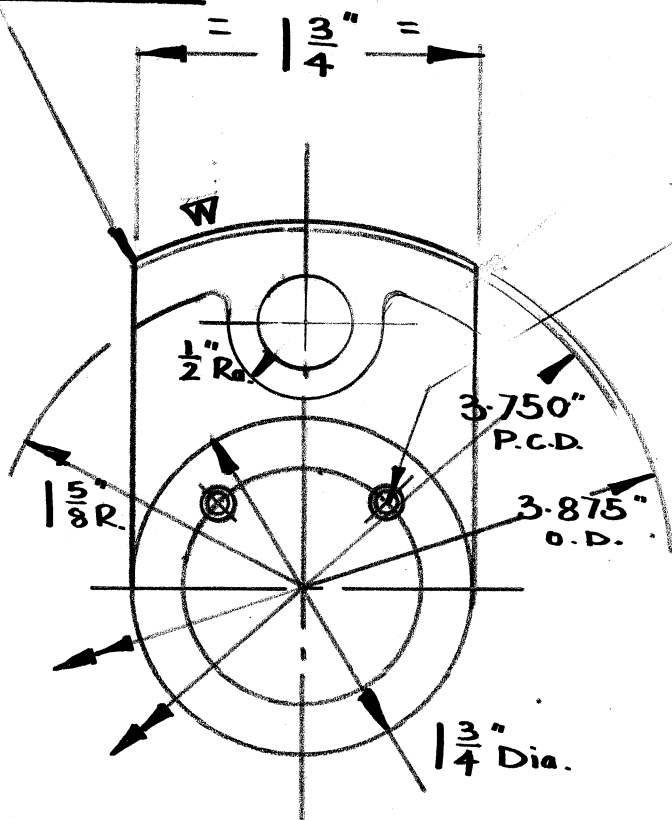
IF IN DOUBT ASK.

1303/66 3.3.66 B.

2739/79 15.5.79
W.

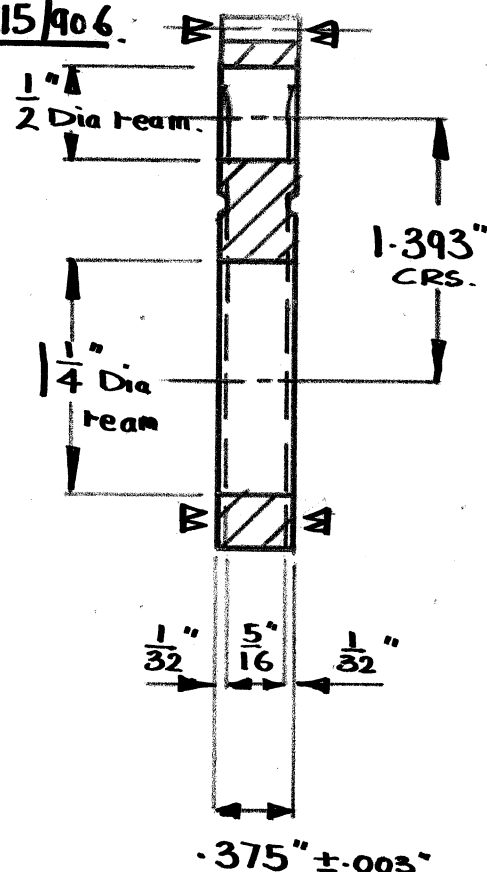
$\frac{3}{16}$ " at 15° max. Chft

on both sides



Machine at W

2 holes drill & tap 2 B.A x
 $\frac{3}{8}$ " deep : $\frac{1}{2}$ " & $\frac{1}{2}$ " with Item
ML 115/906.



16 D.P. - 20° PRESSURE ANGLE.

60 TEETH ON CIRCLE.

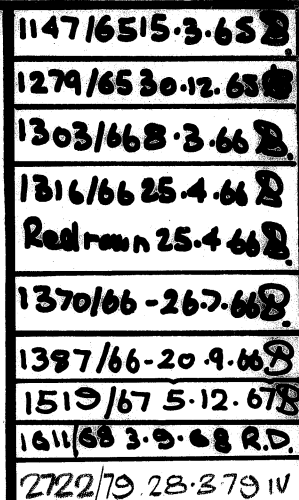
WHOLE TOOTH DEPTH - .1348"

5" Viceroy Gearbox Lathe - Tumbler Carrier End.

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

DRAWN M.M. Sowden
CHECKED *AR*
PASSED
DATE 25.8.64

MAT. Cast Iron
MAT SIZE Casting
No. REQD. 1 SCALE Full
DRAWING No. M.L 115/910 B.



IF IN DOUBT ASK.

5" Viceroy Gear Box Lathe - Tumbler Gear.

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

DRAWN *M. M. Sowden*
CHECKED *A. S. Clarke*
PASSED
DATE *25.4.66*

Mild Steel.	
2" Dia x 7/8"	
No. REQD.	SCALE
1	Full
DRAWING No.	
ML 115/911	

DRAWING No.

IF IN DOUBT ASK.

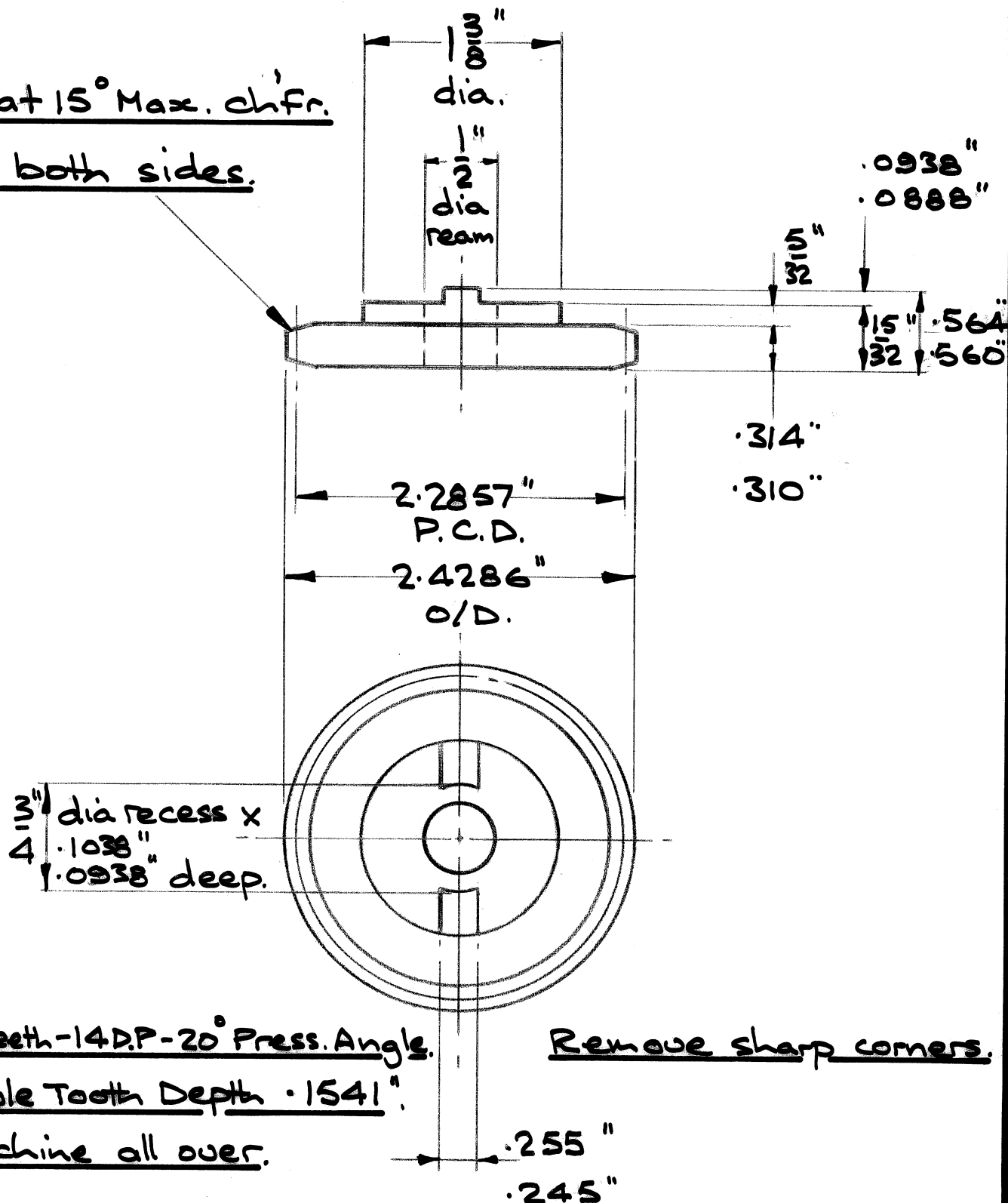
ALTERATIONS

1820/71.5.3.71(R)

Redrawn 6.3.71(R)

1937/72.28.2.7220

$\frac{3}{16}$ " at 15° Max. ch'fr.
on both sides.



LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.

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

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

5" Viceroy G.B. Lathe: G.Train: Driving Gear & Dog Insert.

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

DRAWN R.D.
CHECKED
PASSED
DATE 5.3.71.

MAT. M.S.
MAT. SIZE 2 1/2" Dia x 13/16"
No. REQD. 1 SCALE Full.
DRAWING No. M.L.115/924A.

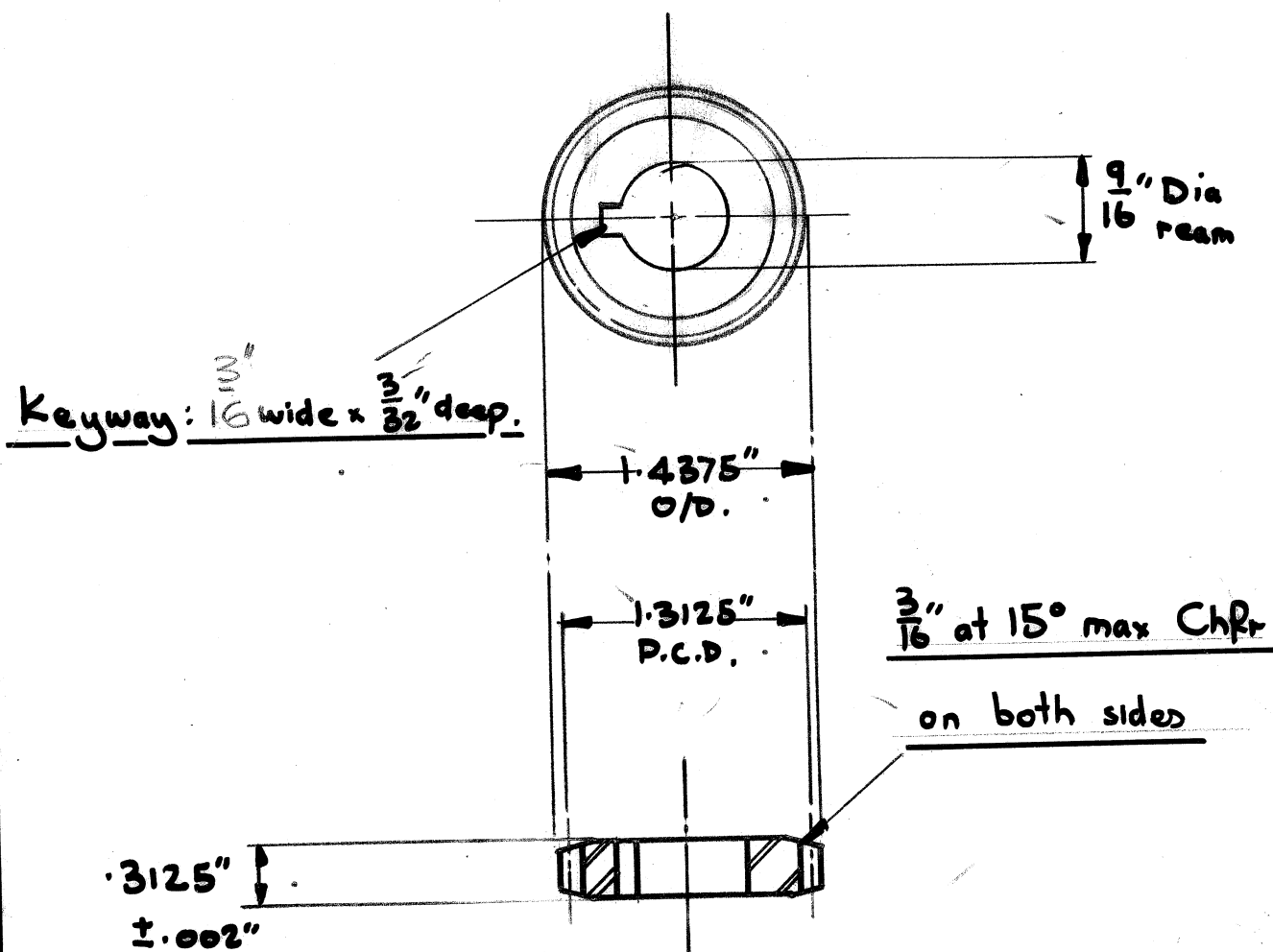
IF IN DOUBT ASK.

1303/66 8.3.66

Reck 10.3.66 B

1678/69.21.5.69.R.D.

2769/79.3.11.79.11



21 Teeth - 16 D.P. - 20° Press. Angle

Whole Tooth Depth = .1348"

Machine all over

5" Viceroy G.B. Lathe - Sliding shaft Driven Gear

M. M. Bowden

M.S.

1 1/2" D. x 9/16"

1

Full

ML 115/926

10.3.66

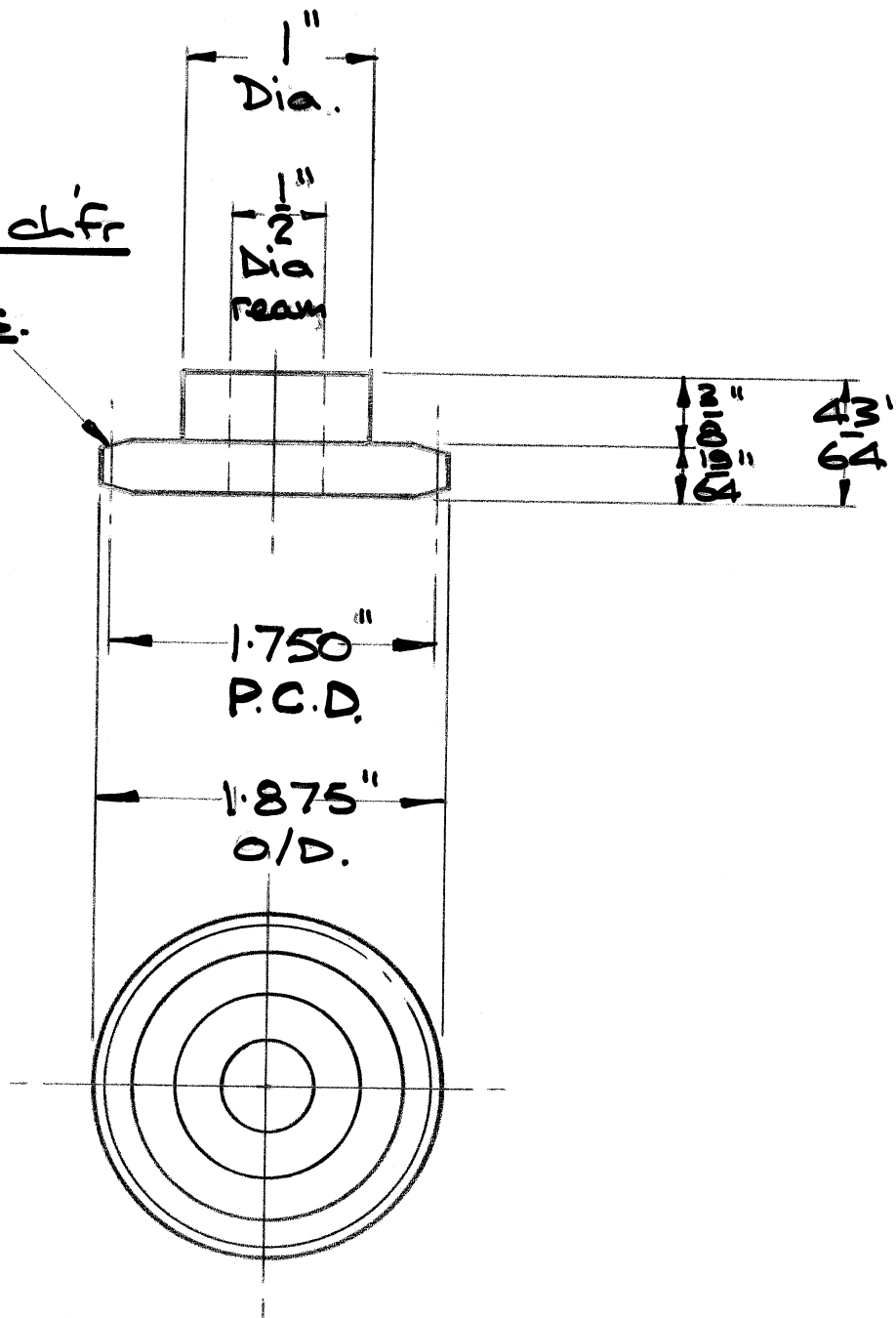
IF IN DOUBT ASK.

ALTERATIONS

1820/71.5.3.71.R.D

Redrawn 5.3.71.

3"
16 at 15° max. chfr
on both sides.



28 Teeth-16 D.P-20° Press Angle.

Whole tooth depth = .1348."

Machine all over. Remove sharp corners.

LIMITS ON DIMENSIONS UNLESS
OTHERWISE STATED.

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

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

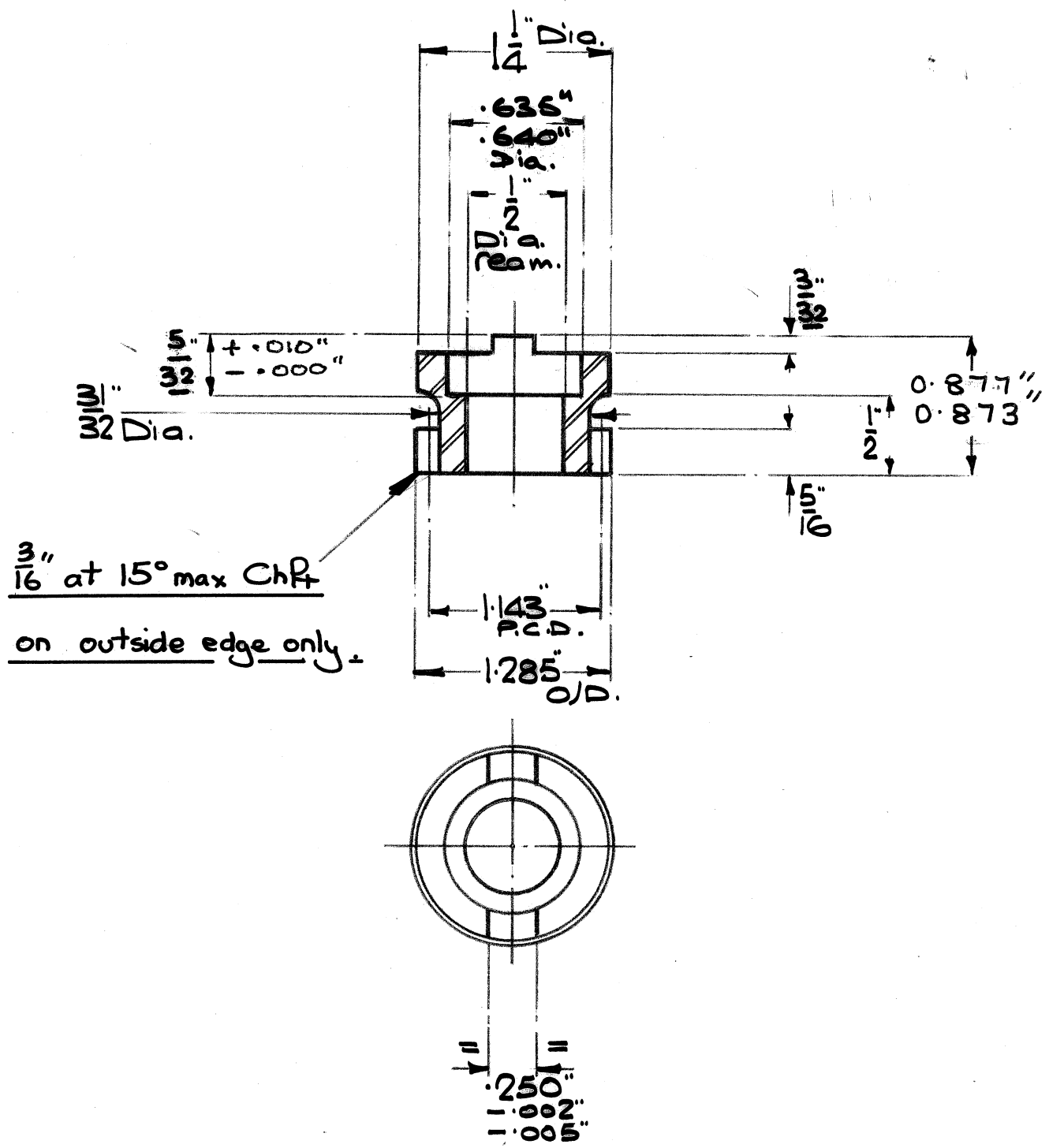
5" Viceroy G.B. Lathe: Sliding G: Shaft Driving Gear & Collar

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

DRAWN R.D.
CHECKED 
PASSED
DATE 5.3.71.

MAT. M.S.
MAT. SIZE 2" Dia x 15/16"
No. REQD. 1 SCALE Full.
DRAWING No. M.L.115/927A

1113/65	19.1.65	AD.
1300/66	8.3.66	D.
1303/66	8.3.66	D.
1437/67	14.2.67	D.
1573/68	29.4.68	D.
1781/70	24.7.70	RD
1875/71	15.7.71	RD



16 Teeth - 14 D.P. - 20° Press. Angle.
Whole tooth depth = .1541"
Machine all over - Oil toughen.

IF IN DOUBT ASK.

5" Viceroy Gear Box Lathe - FIXED DOG & GEAR.

DENFORD MACHINE TOOLS LTD. (Inc.) DENFORD SMALL TOOLS (BRIG) LTD. BRIGHOUSE, YORKSHIRE.	DRAWN	A.S. Clark	MAT.	M.S.
	CHECKED	(Signature)	MAT SIZE	1 3/8" Dia x 1/8"
	PASSED		No. REQD.	1
	DATE	22.1.62.	SCALE	Full.
			DRAWING No.	M.L.115/930

IF IN DOUBT ASK.

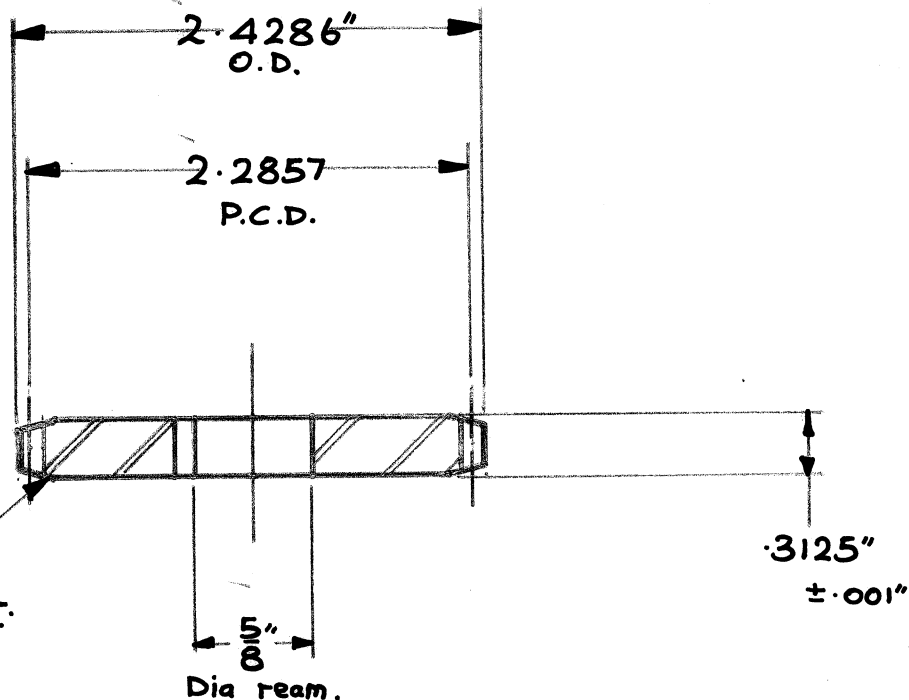
ALTERATIONS

1303/66 8.3.66 D.

Redrawn 2.11.66 D.

1519/67 5.12.67 D.

1611/68 3.9.68 D.



LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.

ANGULAR ± 1/2° 3 PLACE DECIMAL ± .005"

FRACTIONAL ± .010" 4 PLACE DECIMAL ± .0005"

3/16" at 15° max. ChFr.
on both sides.

5/8"
Dia ream.

.3125"
± .001"

Keyway: 3/16" wide x
3/32" deep.

Machine all over.

32 Teeth - 14 D.P. - 20° Press. Angle.

Whole tooth depth - .1541"

5" Viceroy Gear Box Lathe - Gear Train. - 32 T. Gear.

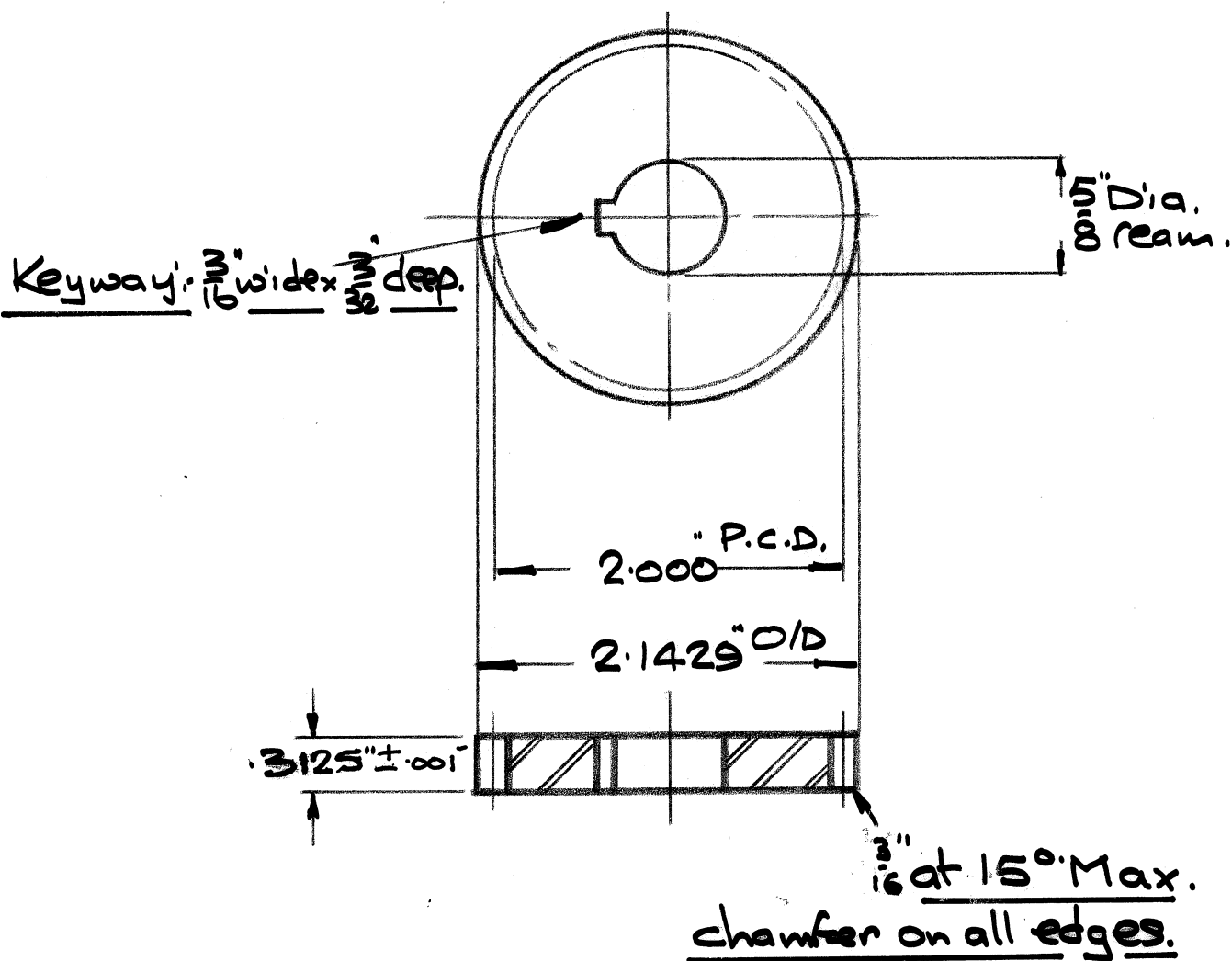
DENFORD MACHINE TOOLS LTD.
(Inc.) DENFORD SMALL TOOLS (BRIG) LTD.
BRIGHOUSE,
YORKSHIRE.

DRAWN M. M. Sowden.
CHECKED AS
PASSED
DATE 2.11.66

MAT. M.S.
MAT. SIZE 2 1/2" dia x 9/16" long
No. REQD. 1 SCALE Full
DRAWING No. ML115/932

IF IN DOUBT ASK.

1147/65.
15.3.65.
1279/65. 15
30.12.65.
1303/66 8.3.66 15
1519/67 5.12.67 15
1611/68 3.9.68 15



28 Teeth - 14 D.P. - 20° Press. Angle.

Whole tooth depth = .1541"

M/C all over.

5" Viceroy Gear Box Lathe - Gear Train - 28T Gear.

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

DRAWN Alan S. Cole
CHECKED AS
PASSED
DATE 15.3.65.

MAT. M.S.
MAT SIZE 2 1/4" Dia $\times$ 9/16"
No. REQD. 1 SCALE Full.
DRAWING No. M.L.115/933.

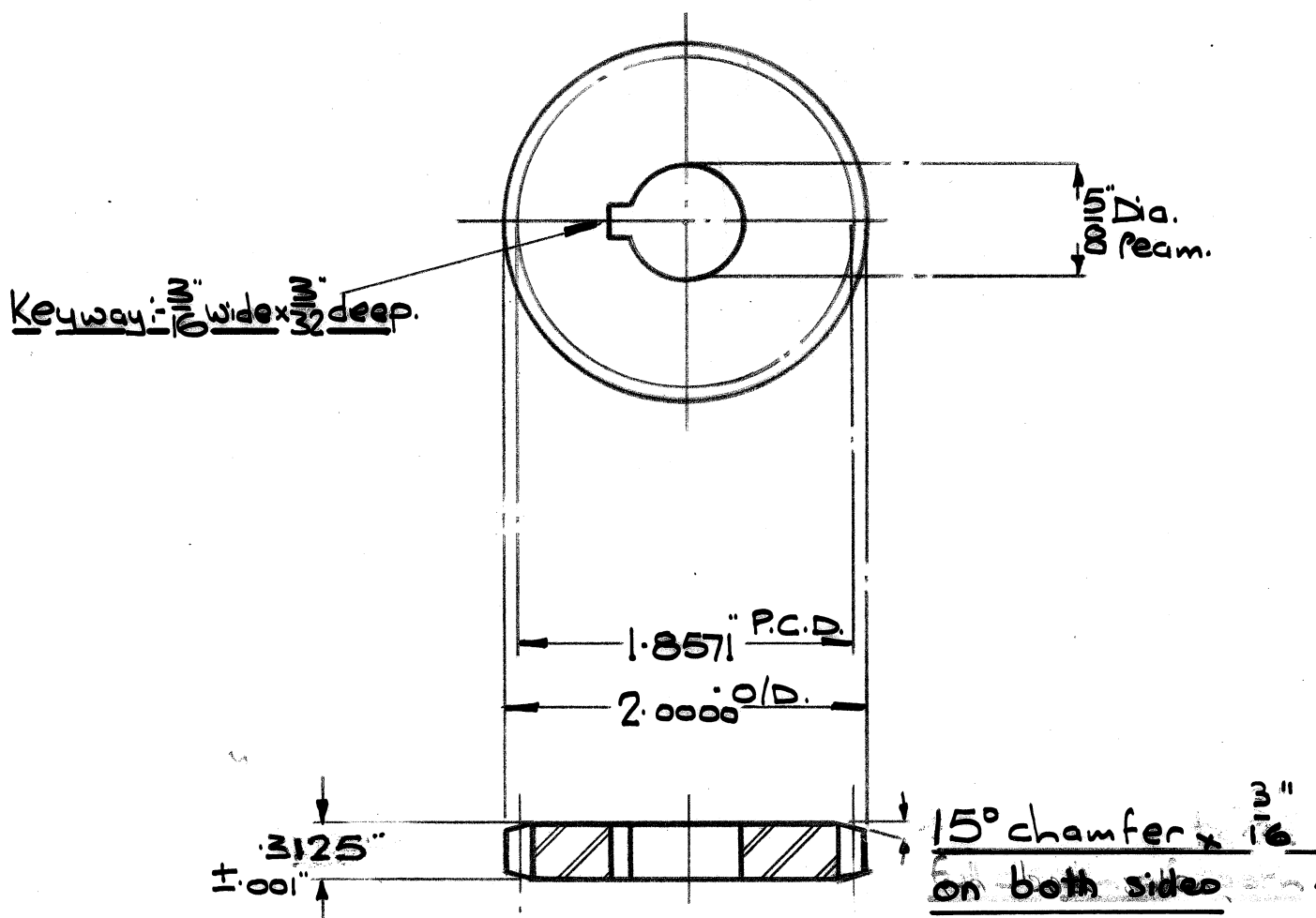
IF IN DOUBT ASK.

1147/65. 15.3.65.

1279/65. 30.12.65.

1519/67 5.12.67

1611/68 3.9.68



Gauge made 3.4.63.

26 Teeth - 14 D.P. - 20° Press. angle.

Whole tooth depth = .1541"

Machine all over.

5" Viceroy Gear Box Lathe - GEAR TRAIN - 26T GEAR.

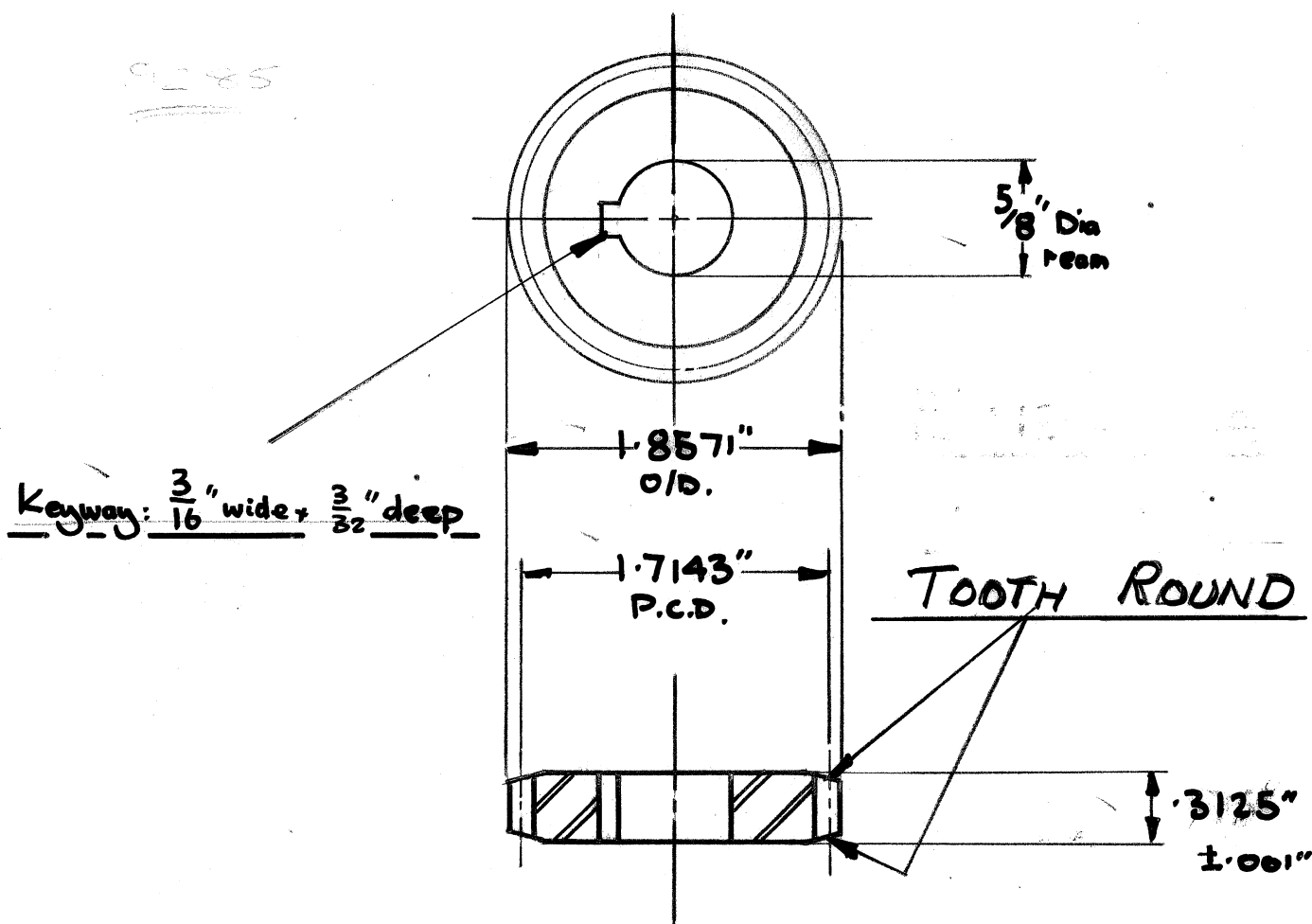
REYNOLD MACHINE TOOLS LTD.
(INCORPORATED SMALL TOOLS (BRIG) LTD.)
BRIGHOUSE,
YORKSHIRE.

DRAWN A. S. Clarke.
CHECKED E
PASSED
DATE 3.1.62.

MAT. M.S.
MAT SIZE 2 1/8" Dia. x 9 1/16"
No. REQD. 1 SCALE Full.
DRAWING No. M.L. 115/934

IF IN DOUBT ASK.

1303/66 8-3-66
Redrawn 10-3-66
1519/67 5-12-67
1611/68 3-9-68
1987/72 6-9-72



24 teeth - 14 D.P. - 20° Press. Angle.

Whole Tooth Depth = .1541.

Machine all over

5" Viceroy G.B. Lathe - Gear Train - 24 T Gear

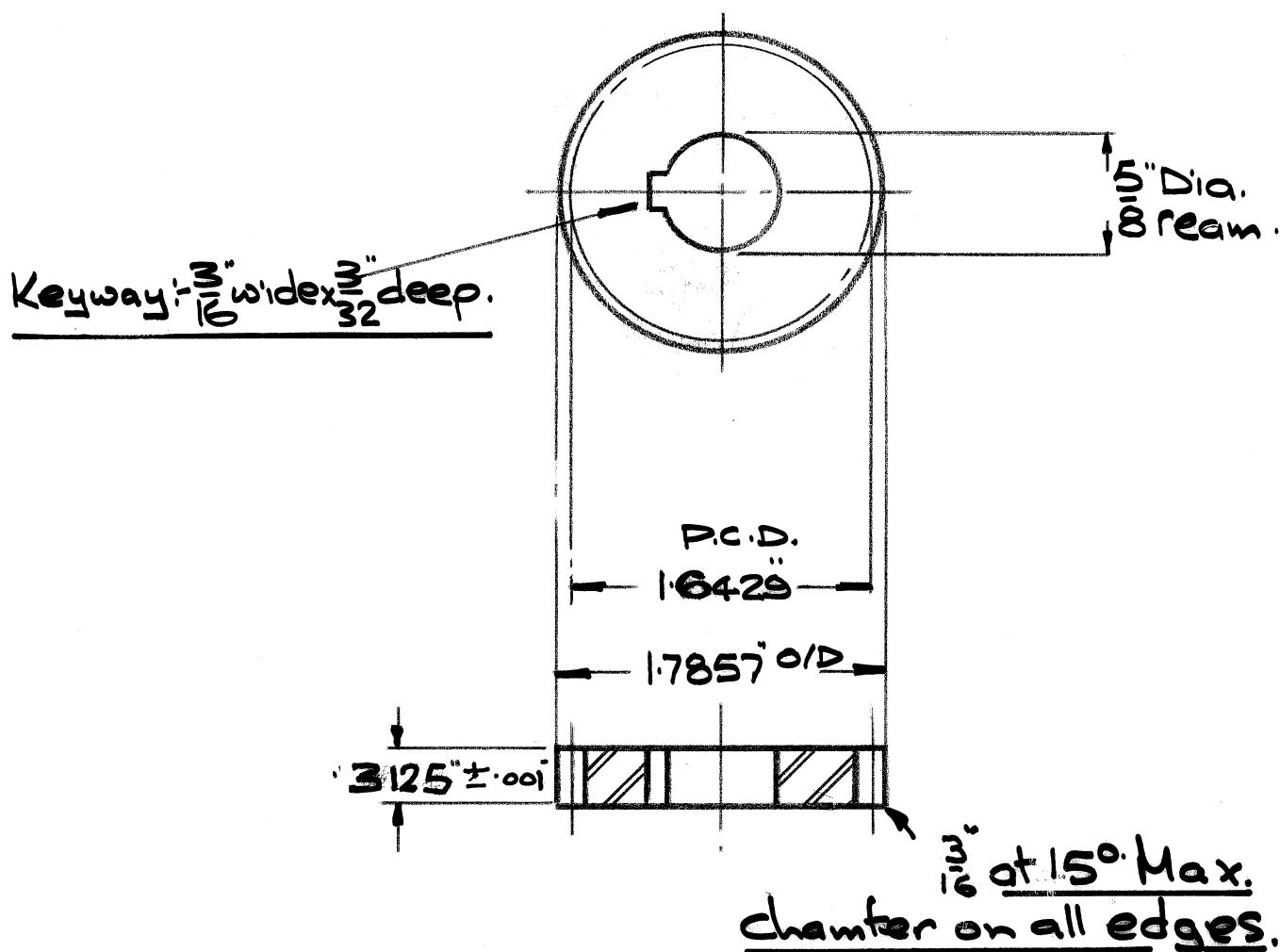
WATSON MACHINE TOOLS LTD.
WATSON & D SMALL TOOLS (LTD) LTD.
BRIGHOUSE,
YORKSHIRE

DRAWN
M. M. Sowda
CHECKED
(Signature)
DATE
10.3.66

MAT. MS
PART LINE 17/8" D. $\times$ 9/16"
No. 1
Full
DRAWING No.
ML 115/935

IF IN DOUBT ASK.

1147/65.
AB 15.3.65.
1279/65. AB
30.12.65.
1303/66 8.3.66 B.
1519/67 5.12.67 B.
1611/68 3.9.68 B.



23 Teeth - 14 DP. - 20° Press. Angle.

Whole tooth depth = .1541\"

M/call over.

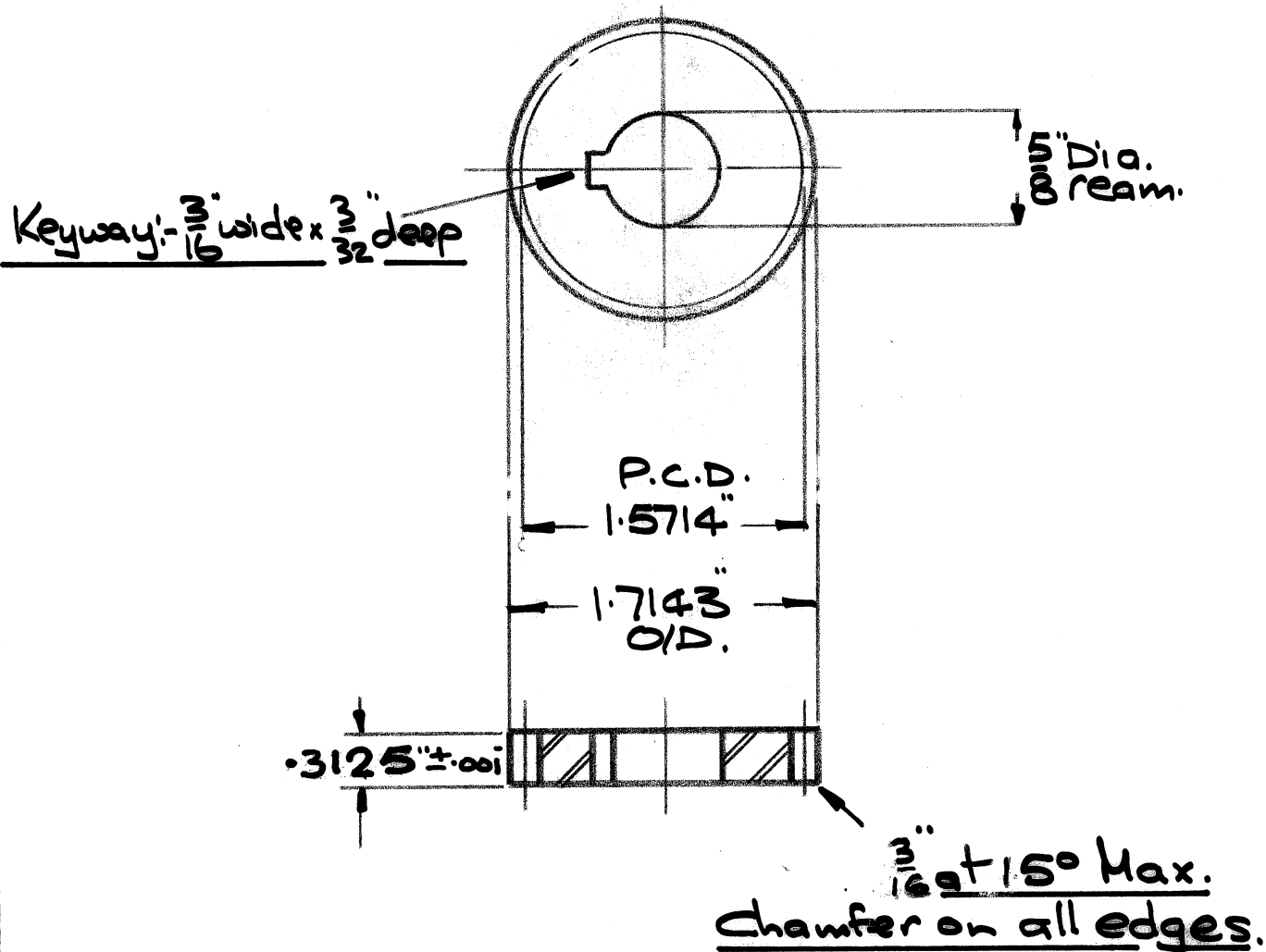
5\" Viceroy Gear Box Lathe - Gear Train 23T Gear.

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

DRAWN Alan S. Clarke
CHECKED AB
PASSED
DATE 15.3.65.

MAT. M.S.
MAT SIZE 1 7/8\" Dia. x 9/16\"
No. REQD. 1 SCALE Full.
DRAWING No. M.L. 115/936.

IF IN DOUBT ASK.



22 Teeth - 14 D.P. 20° Press. Angle.

Whole Tooth depth = .1541"

M/C all over.

5" Viceroy Gear Box Lathe - Gear Train 22 T. Gear.

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

DRAWN *Alan S. Galle*
CHECKED *AS*
PASSED
DATE 15.3.65.

MAT. M.S.
MAT SIZE $3\frac{1}{4}" \text{ Dia} \times 9/16"$
No. REQD. 1 SCALE Full.
DRAWING No.
M.L.115/937.

1147/65.

AS 15.3.65.

1279/65. *AS*

30.12.65.

1303/66 8.3.66 *AS*.

1519/67 5.12.67 *AS*

1611/68 3.9.68 *AS*.

IF IN DOUBT ASK.

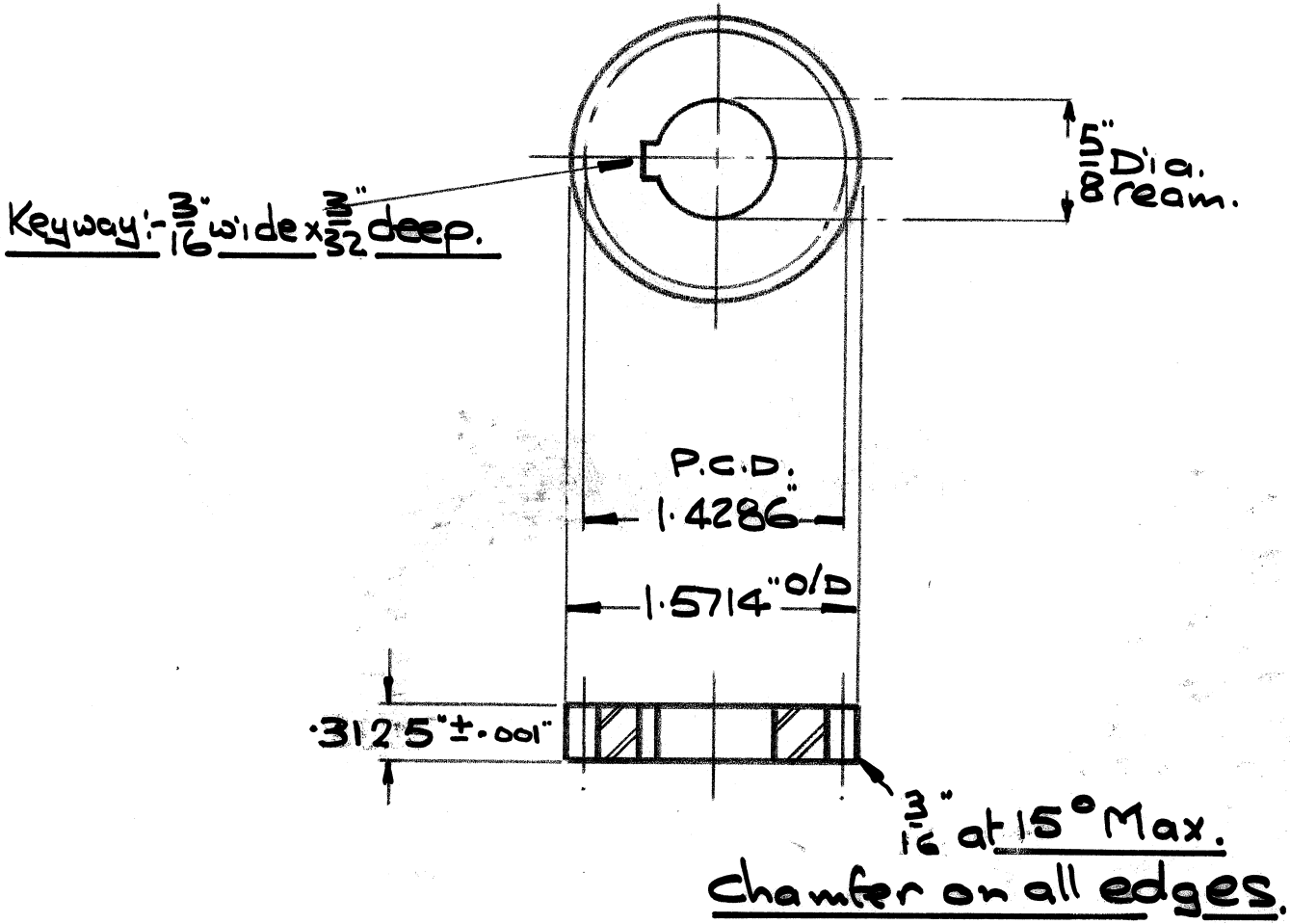
1147/65.
15.3.65.

1279/65.
30.12.65.

1303/66 8.3.66

1519/67 5.12.67

1611/68 2.9.68



20 Teeth - 14 D.P. - 20° Press. Angle.

Whole tooth depth = .1541"

M/C all over.

5" Viceroy Gear Box Lathe - Gear Train 20T Gear.

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

DRAWN
CHECKED
PASSED
DATE 15.3.65.

MAT. M.S.
MAT SIZE 15/16" Dia x 9/16"
No. REQD. 1 SCALE Full.
DRAWING No. M.L.115/938.

IF IN DOUBT ASK.

1147/65,
15.3.65,

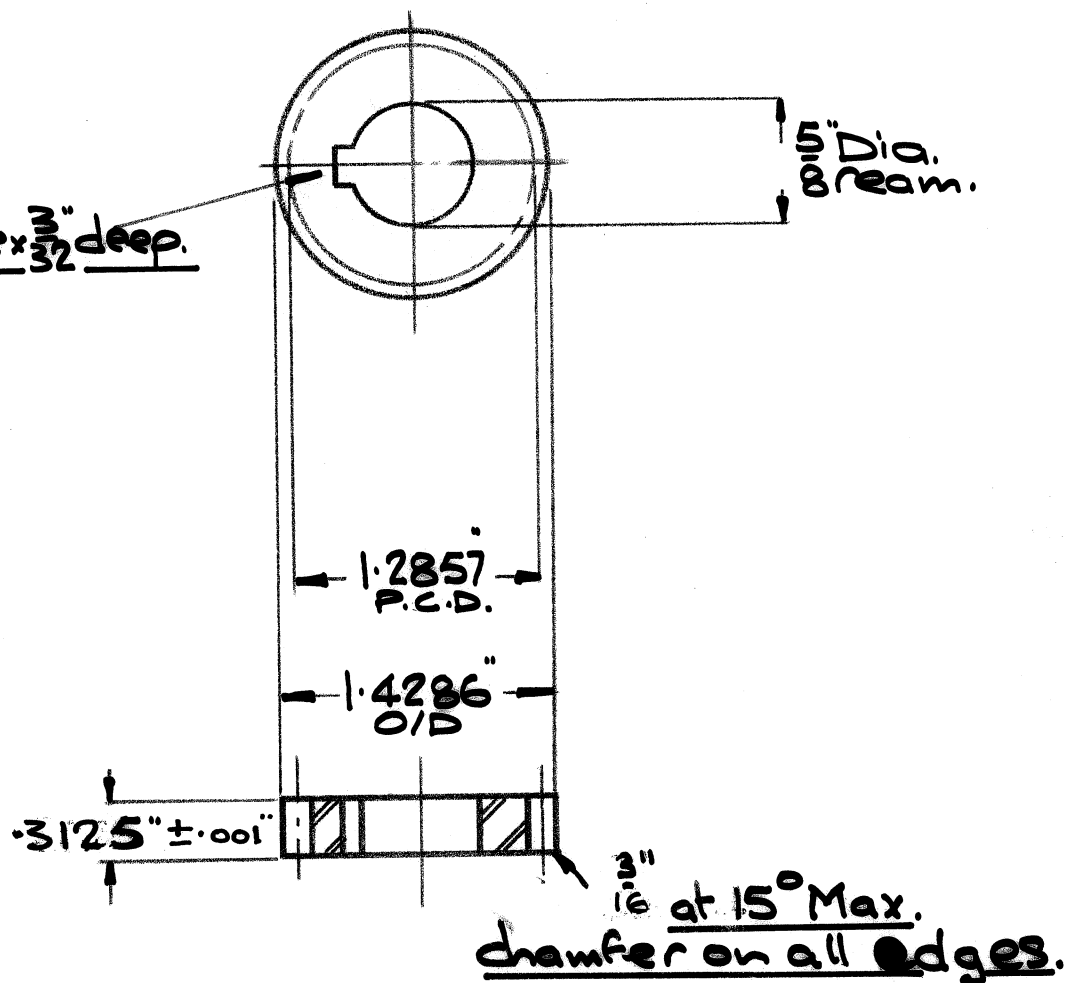
1279/65
30.12.65.

1303/66 8.3.66 D.

1519/67 5.12.67 S

1611/68 3.9.68 P

Keyway: $\frac{3}{16}$ " wide x $\frac{3}{32}$ " deep.



18 Teeth - 14 D.P. - 20° Press. Angle.

Whole Tooth Depth = .1541"

M/c all over.

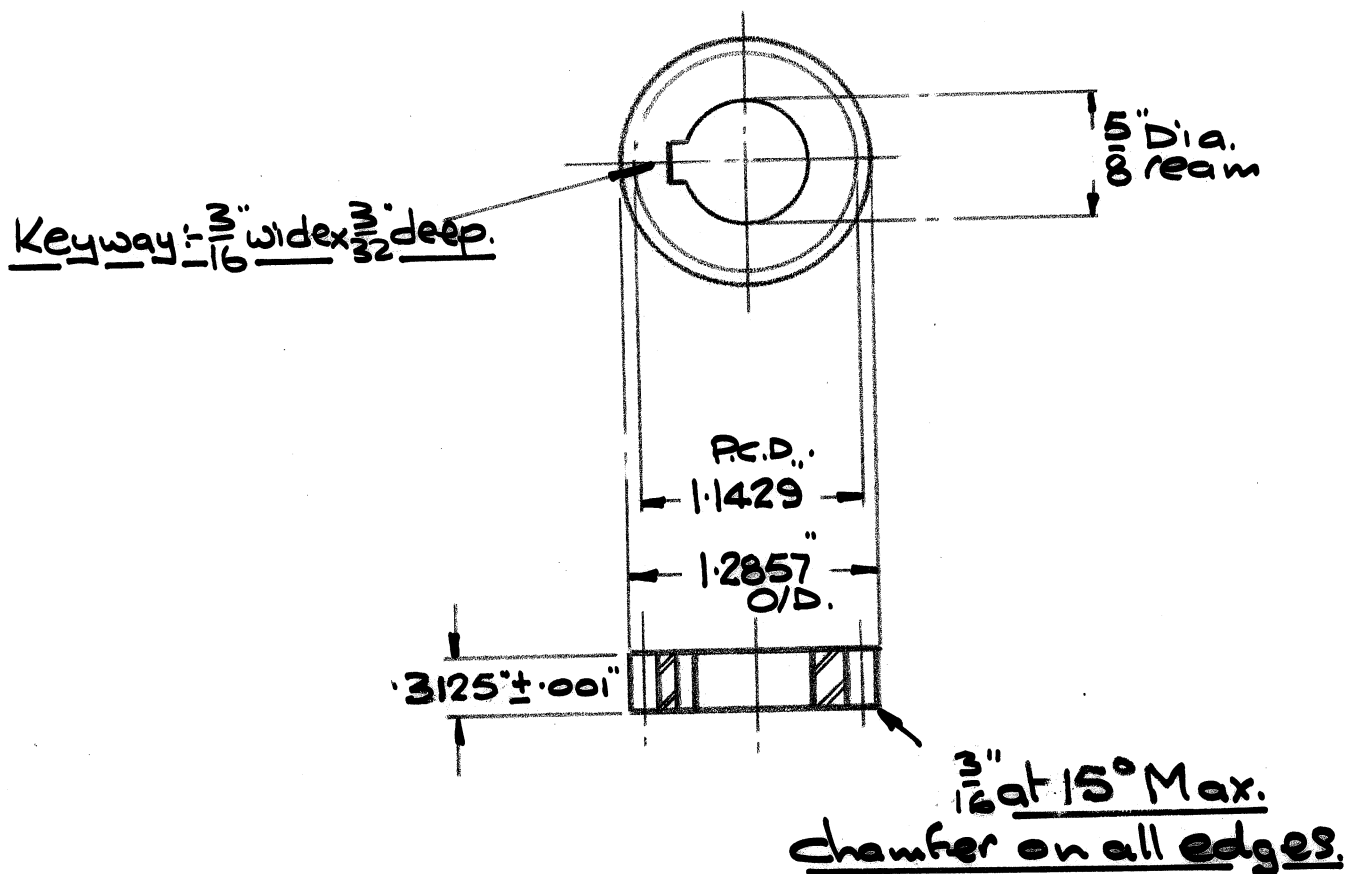
5" Viceroy Gear Box Lathe - Gear Train 18T Gear.

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

DRAWN
A. S. Clarke
CHECKED
PASSED
DATE 15.3.65.

MAT. M.S.
MAT SIZE $1\frac{1}{2}$ " Dia x $\frac{9}{16}$ "
No. REQD. 1 SCALE Full.
DRAWING No.
M.L.115/939

IF IN DOUBT ASK.



16 Teeth - 14 D.P. - 20° Press. Angle.

Whole tooth depth = .1541\"

M/C all over.

5\" Viceroy Gear Box Lathe - Gear Train 16T Gear.

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

DRAWN *Mansel*
CHECKED *AB*
PASSED
DATE 15.3.65.

MAT. M.S.
MAT SIZE $1\frac{3}{8}$ \" Dia x $\frac{9}{16}$ \"
No. REQD. 1 SCALE Full.
DRAWING No. M.L.115/940

1147/65.
12.15.3.65.

1279/65. 42
30.12.65.

1303/66 8.3.66 8

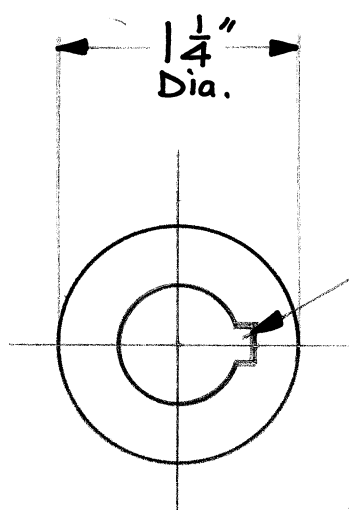
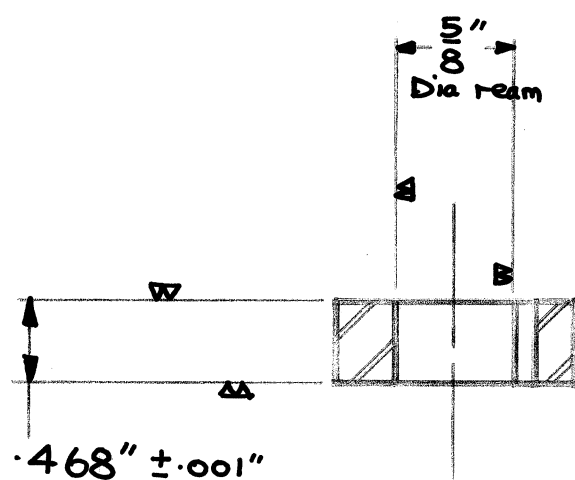
1519/67 5.12.67 8

1611/68 3.9.68 8

IF IN DOUBT ASK.

ALTERATIONS

Redrawn 1.11.66 *B*



Keyway: $\frac{3}{16}$ " wide
x $\frac{3}{32}$ " deep.

Machine at W

LIMITS ON DIMENSIONS UNLESS
OTHERWISE STATED.

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

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

5" Viceroy G.B. Lathe - Gear Train Spacing Coller.

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

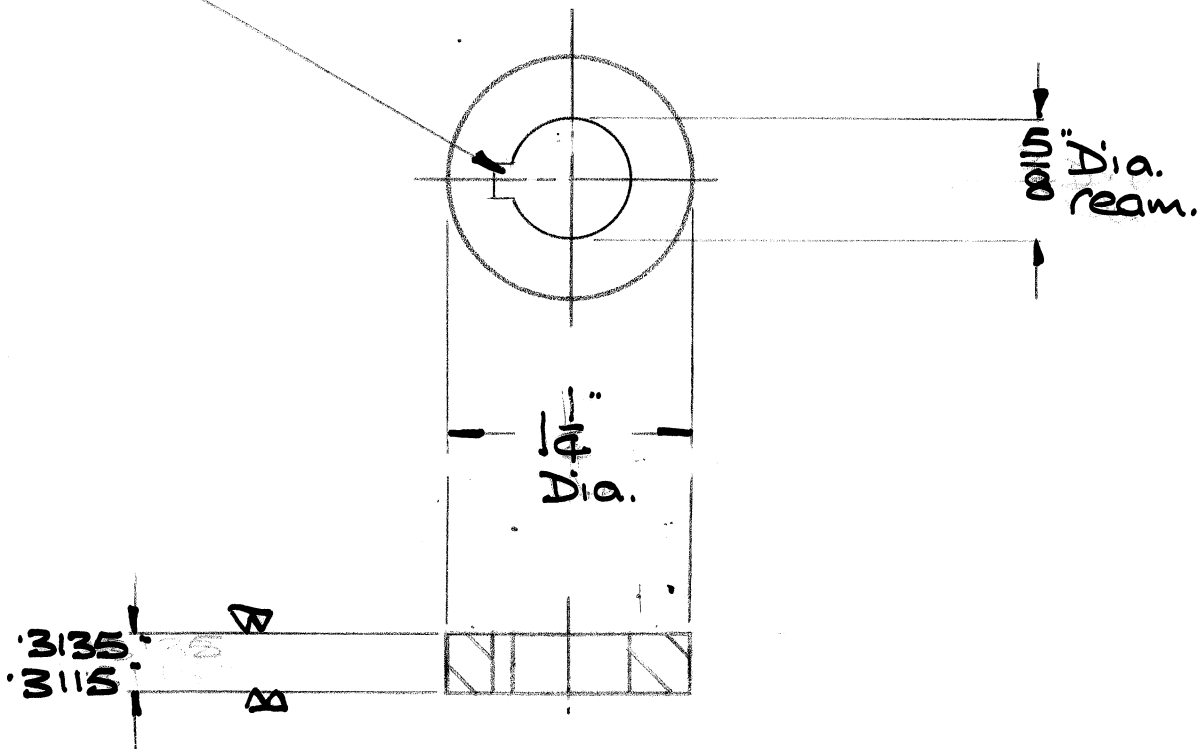
DRAWN *M. M. Sowden.*
CHECKED *[Signature]*
PASSED
DATE 1. 11. 66

MAT. M.S.
MAT. SIZE $1\frac{1}{4}$ " dia x $\frac{3}{4}$ " long
No. REQD. 2 SCALE Full
DRAWING No. ML115/941

IF IN DOUBT ASK.

ALTERATIONS

Keyway: $\frac{3}{16}$ " w. x $\frac{3}{32}$ " deep.



M/C at W

(MK2)

5" Viceroy C.B. Lathe - METRIC GEAR TRAIN SPACING GUAGE

LIMITS ON DIMENSIONS UNLESS
OTHERWISE STATED.

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

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

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

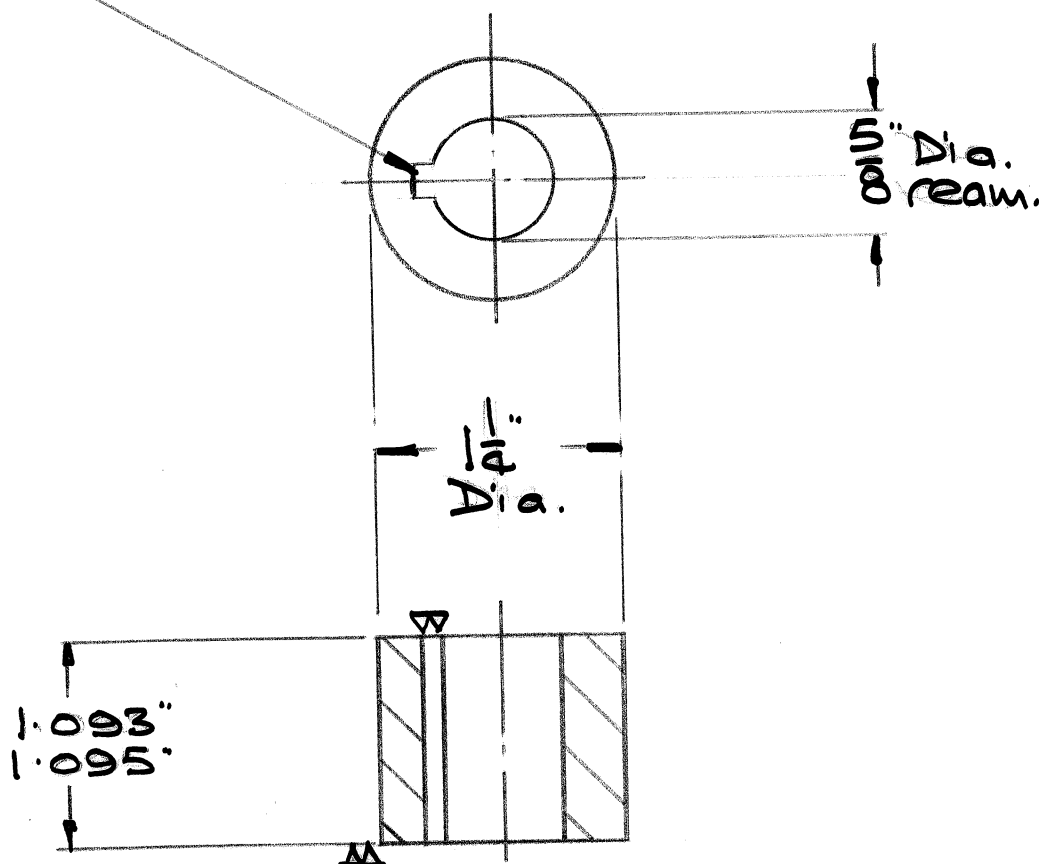
DRAWN 
CHECKED 
PASSED
DATE 19.9.68.

MAT. M.S.
MAT. SIZE $1\frac{1}{4}$ " Dia. x $\frac{1}{2}$ "
No. REQD. 1 SCALE Full
DRAWING No. M.L.115/941-B

IF IN DOUBT ASK.

ALTERATIONS

Keyway: $\frac{3}{16}$ " w. x $\frac{3}{32}$ " deep.



M/C at W

(MK.2)

5" Viceroy G.B. Lathe - METRIC GEAR TRAIN SPACING COLLAR.

LIMITS ON DIMENSIONS UNLESS
OTHERWISE STATED.

ANGULAR $\pm 1^\circ$ 3 PLACE DECIMAL $\pm .005^\circ$

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

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

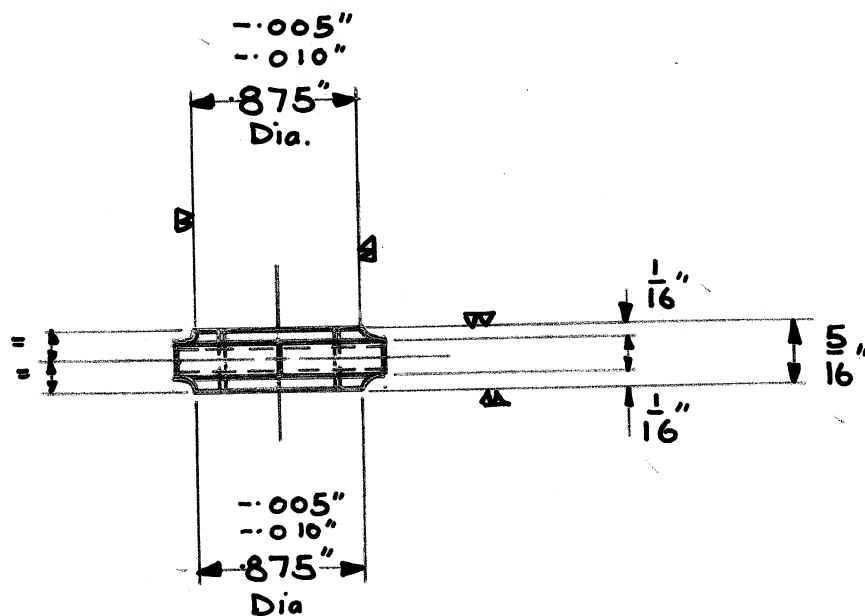
DRAWN 
CHECKED 
PASSED
DATE 19.9.68.

MAT. M.S.
MAT. SIZE $1\frac{1}{2}$ " Dia. x $1\frac{3}{8}$ "
No. REQD. 1 SCALE FULL.
DRAWING No. M.L.115/941-D

IF IN DOUBT ASK.

ALTERATIONS

Redrawn 2.11.66 B.

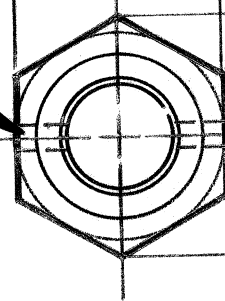


1 hole drill $\frac{1}{8}$ " dia

For $\frac{1}{8}$ " dia sel-lok

pin on assy.

1.100"
A/c Flats



1.170"
A/c corners

Machine at 

Make from std. $\frac{5}{8}$ " B.S.F. locknut.

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 Gear Box Lathe - Gear Train Locking Nut.

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

DRAWN
M. H. Sowden.

CHECKED

PASSED

DATE
2.11.66

MAT. M.S.

MAT. SIZE Std. $\frac{5}{8}$ " B.S.F. locknut.

No. REQD. 1.

SCALE Full

DRAWING No.

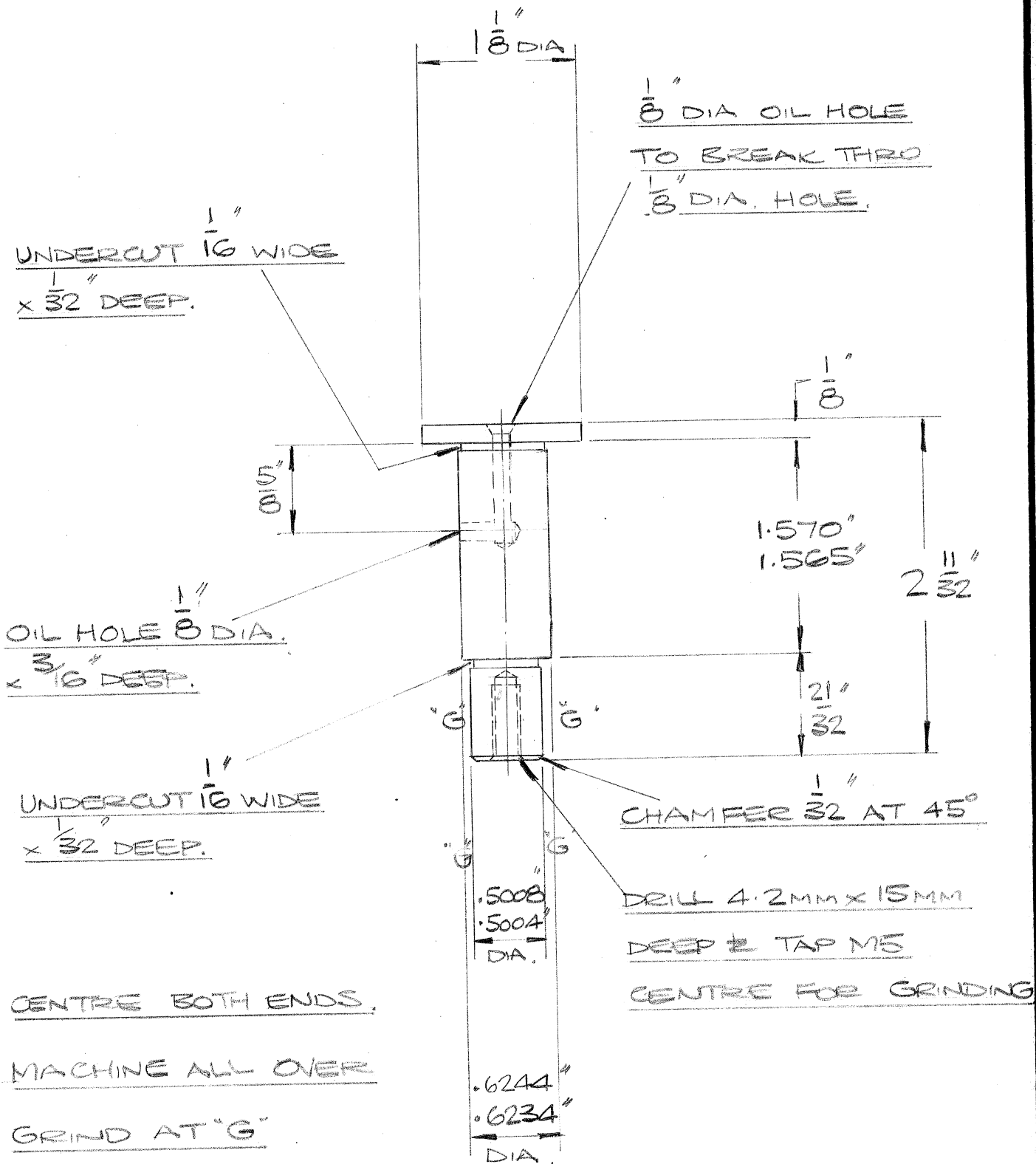
ML115/942

IF IN DOUBT ASK

ALTERATIONS

2610/78.10.10.78RD

2663/78.12.12.78RD



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" $\pm$ 280 VS. LATHE - 64T & 22T QUAD, GEAR SHAFT.

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

DRAWN RD.

CHECKED

PASSED

DATE 17.5.78.

MAT. M.S.

MAT. SIZE $1\frac{1}{8}$ " DIA x $2\frac{1}{2}$ "

No. REQD. 1

SCALE FULL

DRAWING No.

ML115/943A.

MAT.		M.S.
MAT. SIZE		1 3/4" DIA. 1 3/4"
No. REQD.	1	SCALE FULL
DRAWING No.		

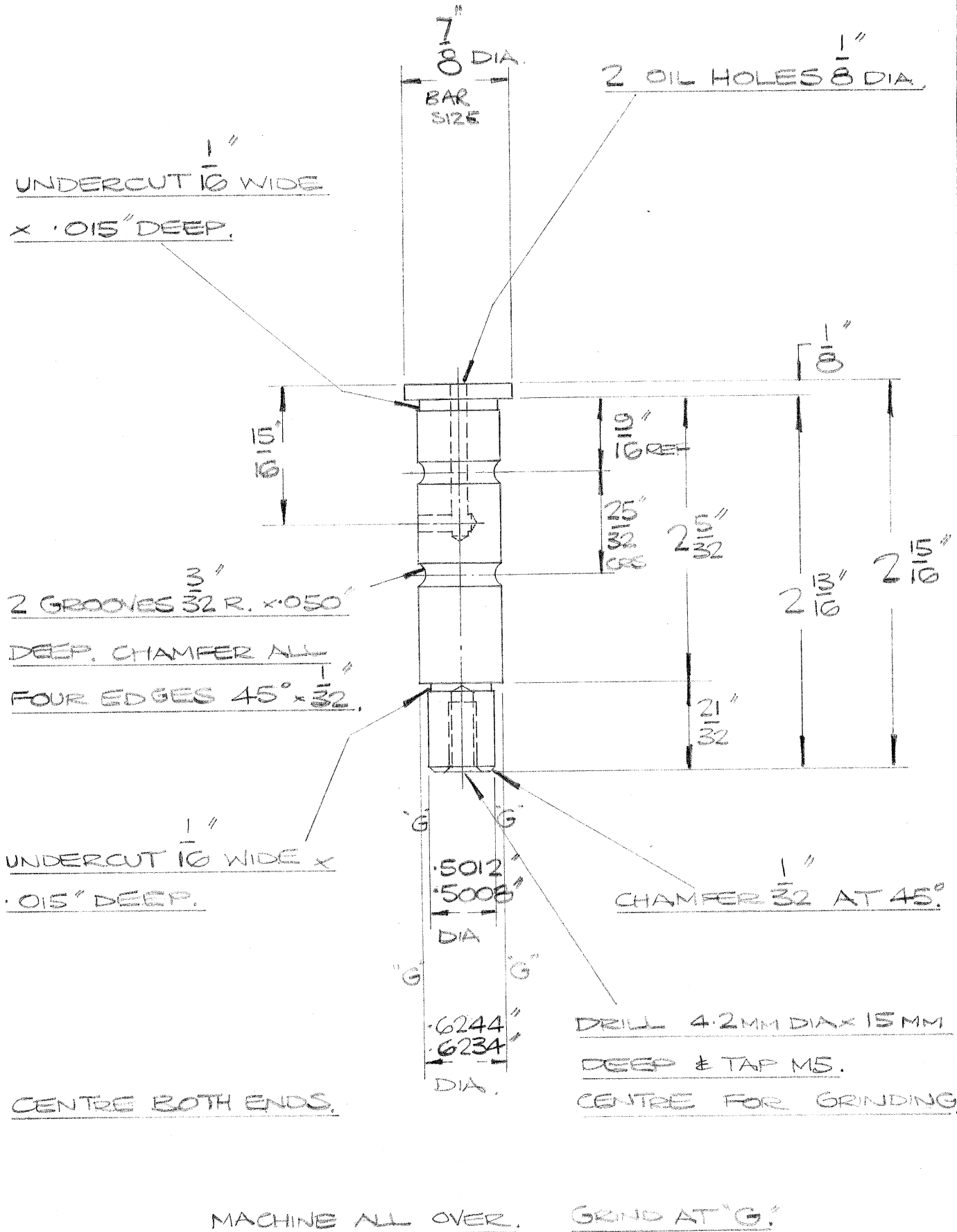
IF IN DOUBT ASK

ALTERATIONS

2583/78 29.8.78
N.

2610/78, 10.10.78 RD

2663/78, 12.12.78 RD



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" $\pm$ 280 VS LATHE - 66T $\pm$ 24T QUAD GEAR SHAFT.

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

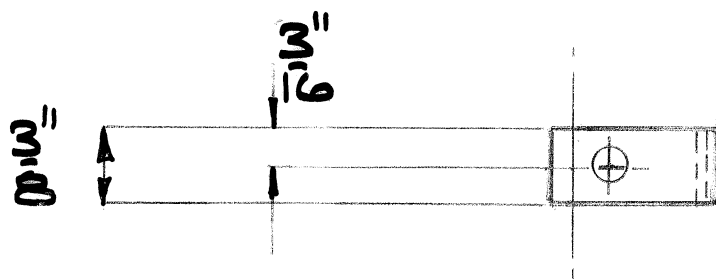
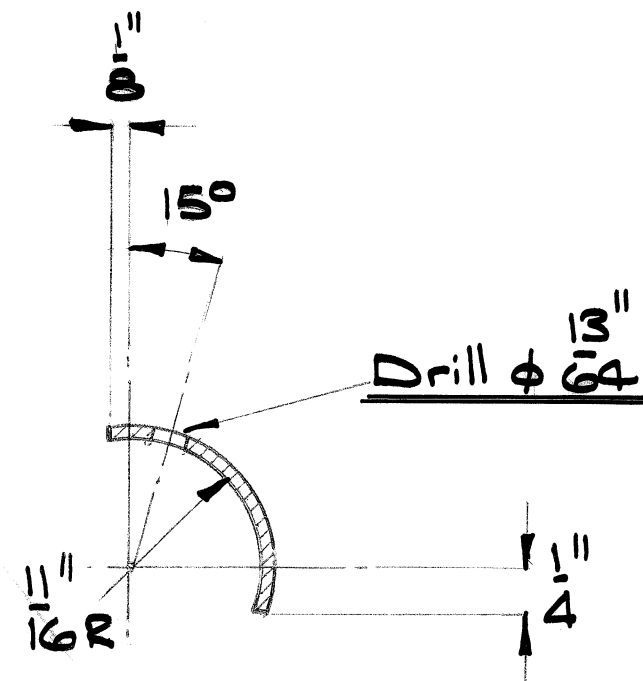
DRAWN RD
CHECKED
PASSED
DATE 16.5.78

MAT. M.S.
MAT. SIZE $7\frac{1}{8}$ DIA x $3\frac{1}{8}$ "
No. REOD. 1 SCALE FULL
DRAWING No. ML115/946A.

IF IN DOUBT ASK.

ALTERATIONS

Redrawn
10.9.71
1887/71



2.5

LIMITS ON DIMENSIONS UNLESS
OTHERWISE STATED.

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

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

5" Viceroy Gear Box Lathe - QUADRANT-LEAF SPRING.

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

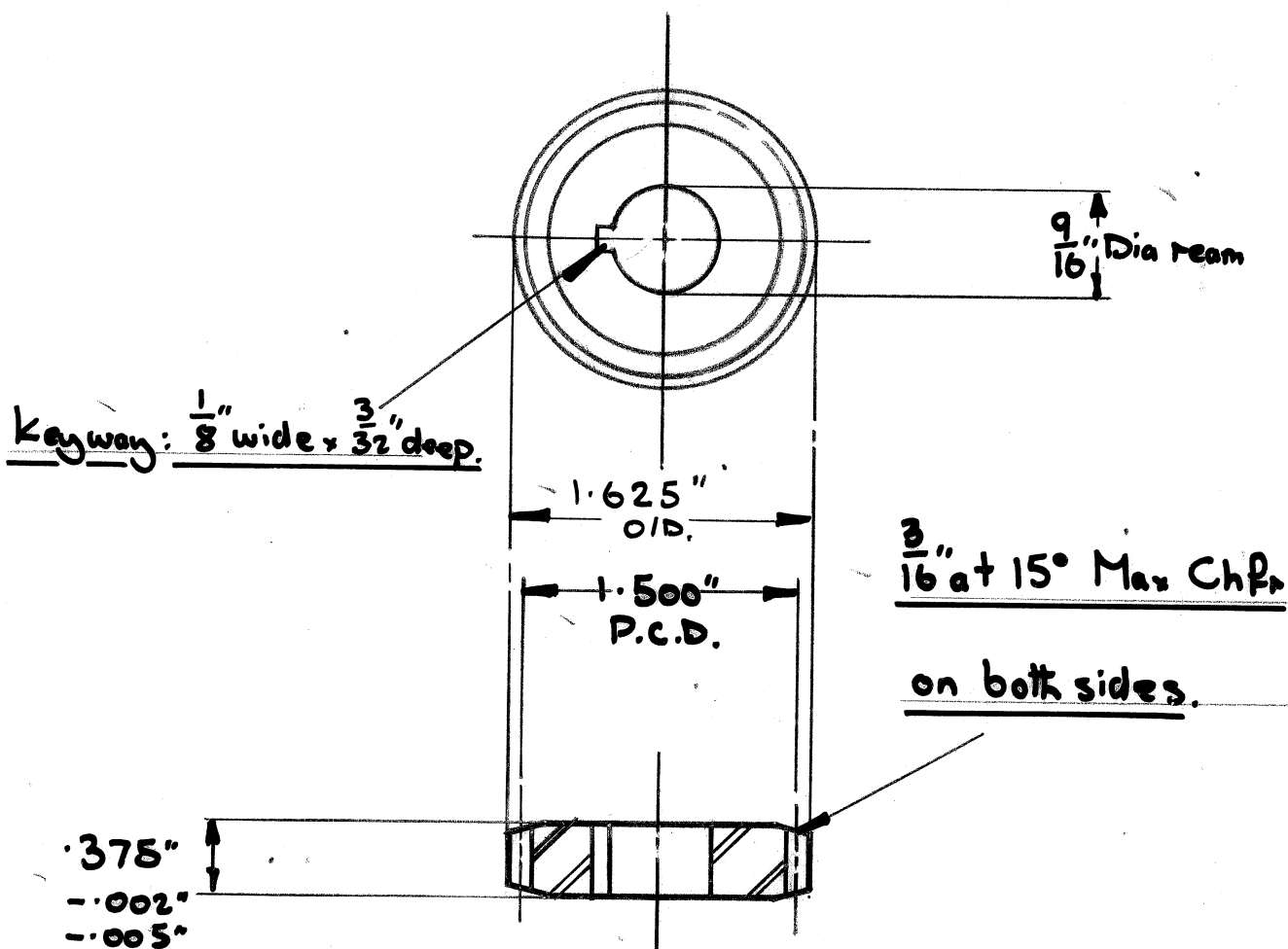
DRAWN #1
CHECKED
PASSED

MAT. M.S.
MAT. SIZE $2 \frac{1}{16} \times 3 \frac{1}{8} \times 18$ S.W.G.
No. REQD. 1. SCALE Full.
DRAWING No. ML.115/947.

IF IN DOUBT ASK.

1303/66 8.3.66 B
Redrawn 8.3.66 B.

STAMP 'D'.



24 teeth - 16 D.P. - 20° Pressure Angle

Whole tooth depth = .1348"

Machine all over

Special Stud gear For Reversing Bracket

5" Viceroy G.B. Lathe - Stud Gear.

DENFORD MACHINE TOOLS LTD.
and DENFORD SMALL TOOLS (ENGINE) LTD.
BRIGHOUSE,
YORKSHIRE.

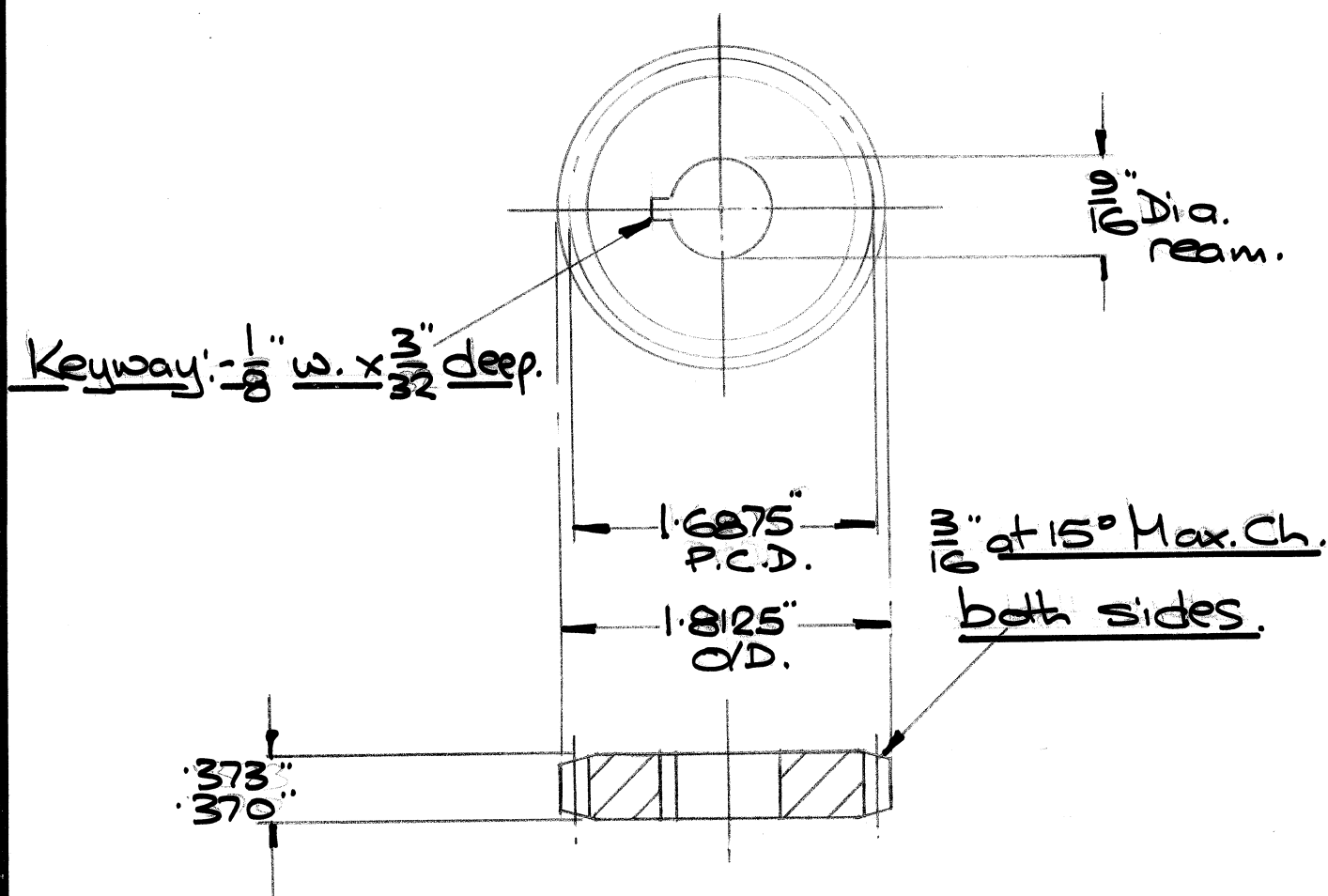
DRAWN
M. M. Sowden
CHECKED
[Signature]
DATE
8-3-66

MAT. M.S.
MAT. FILE 1 3/4" Dia x 5/8"
FOR FILE 1 SCALE Full
DRAWING NO.
ML 115/948

IF IN DOUBT ASK.

ALTERATIONS

STAMP 'F'



27 Teeth - 16 D.P. - 20° Press. L.

Whole tooth depth = .1348"

M/C all over.

(MK2)

5" Viceroy G.B. Lathe - METRIC LATHE STUD GEAR - 27T.

LIMITS ON DIMENSIONS UNLESS
OTHERWISE STATED.

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

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

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

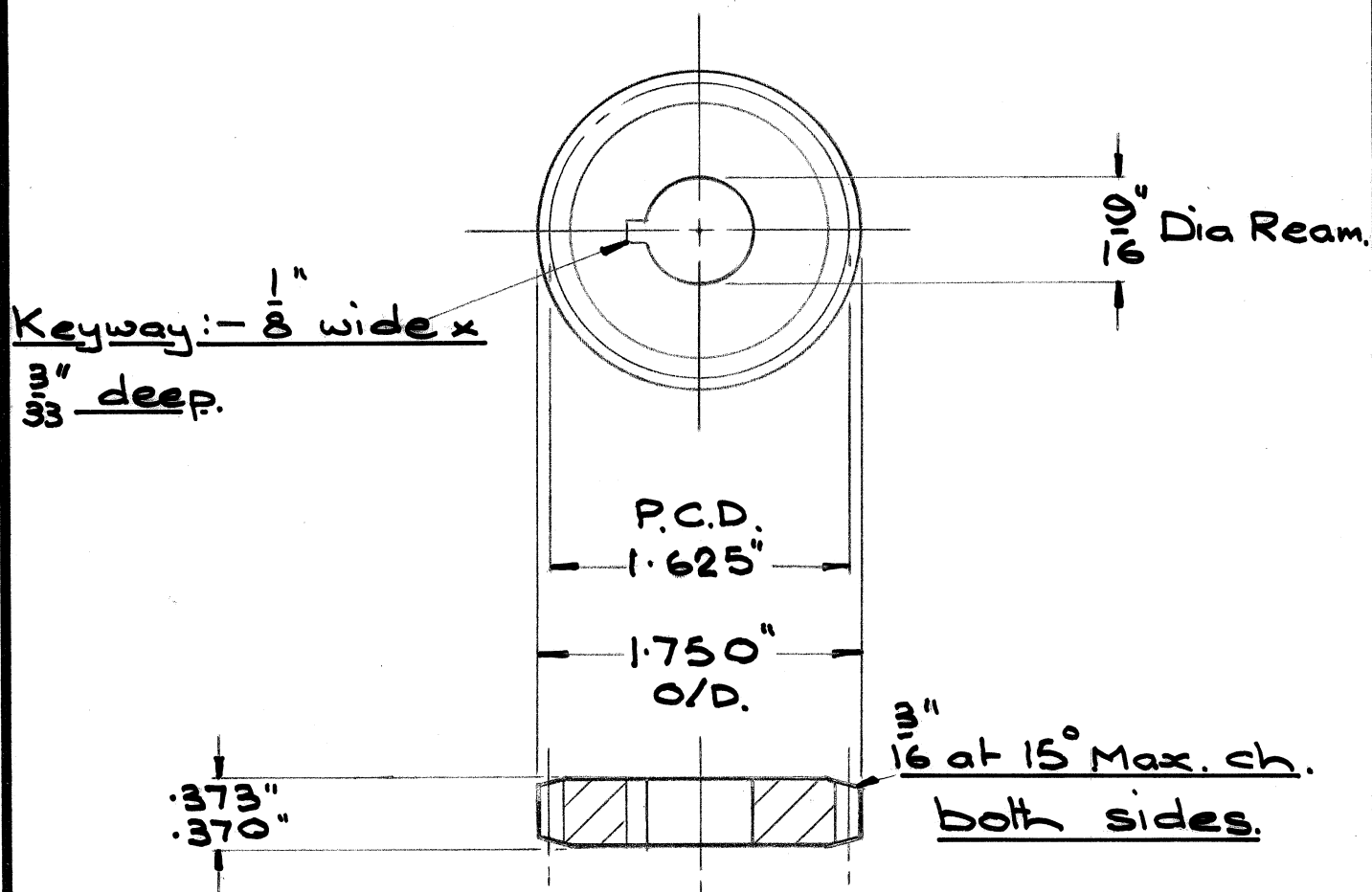
DRAWN
CHECKED
PASSED
DATE 18.9.68.

MAT. M.S.
MAT. SIZE 2" O/D x 5/8"
No. REQD. 1 SCALE Full.
DRAWING No. M.L.115/948-C

IF IN DOUBT ASK.

ALTERATIONS

Stamp 'E'



26 Teeth - 16 D.P. - 20° Press <

Whole tooth depth = .1348"

M/C all over.

LIMITS ON DIMENSIONS UNLESS
OTHERWISE STATED.

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

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

5" Viceroy G.B. Lathe - METRIC LATHE STUD GEAR-26T.

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

DRAWN
R. Derdowski
CHECKED
PASSED
DATE
5.6.69.

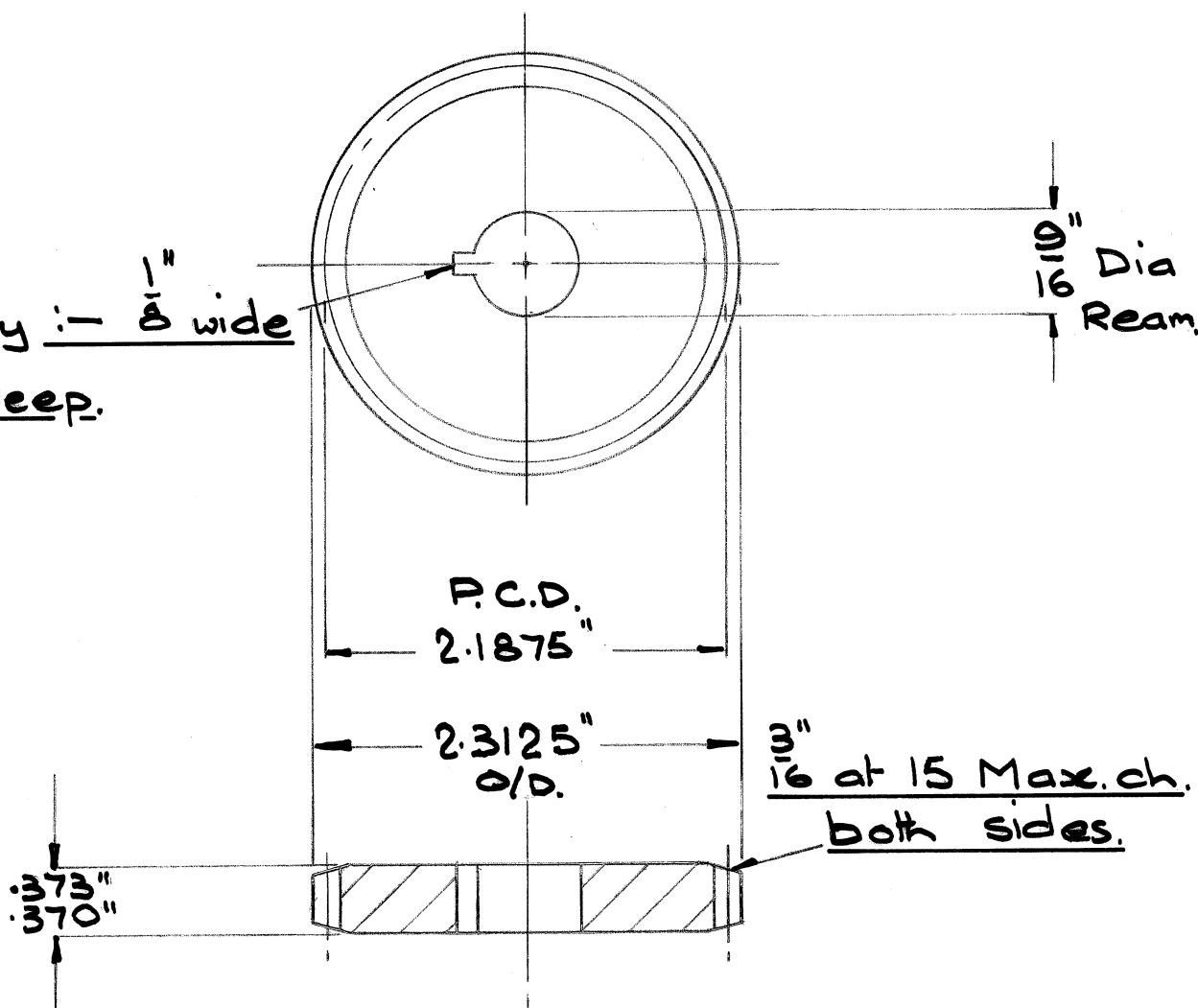
MAT. M.S.
MAT. SIZE 1 7/8" O/D x 5/8"
No. REQD. 1 SCALE Full.
DRAWING No.
M.L.115/948-E

IF IN DOUBT ASK.

ALTERATIONS

Stamp 'G'

Keyway :- $\frac{1}{8}$ " wide
x $\frac{3}{32}$ " deep.



35 Teeth - 16 DP. - 20° Press <.

Whole tooth depth = .1348"

M/C all over.

(MK.2)

5" Viceroy G.B. Lathe - METRIC LATHE STUD GEAR 35T

LIMITS ON DIMENSIONS UNLESS
OTHERWISE STATED.

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

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

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

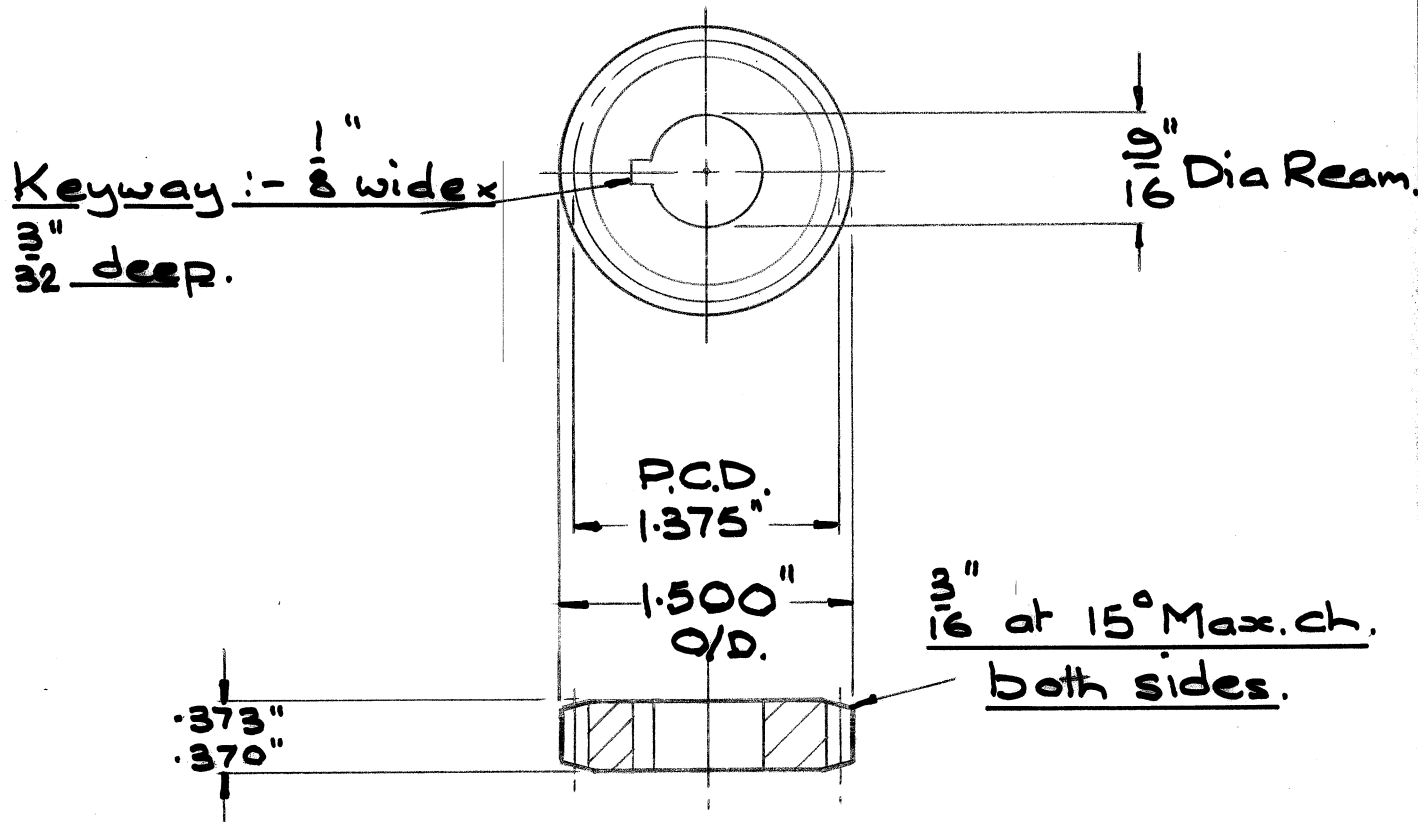
DRAWN
R. Derdowski
CHECKED [Signature]
PASSED
DATE
5. 6. 69.

MAT. M.S.
MAT. SIZE 2 7/16" O/D x 5/8"
No. REQD. 1 SCALE Full
DRAWING No.
M.L.115/948-F.

IF IN DOUBT ASK.

ALTERATIONS

Stamp 'C'.



22 Teeth - 16 D.P. - 20° Press L.

Whole tooth depth = $.1348$ ".

M/c all over.

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 G.B. Lathe - METRIC LATHE STUD GEAR 22T. (MK 2)

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

DRAWN
R. Derdowski

CHECKED

PASSED

DATE
4. 6. 69.

MAT. M.S.

MAT. SIZE $1\frac{5}{8}$ " O/D. x $\frac{5}{8}$ "

No. REQD. 1

SCALE Full

DRAWING No.

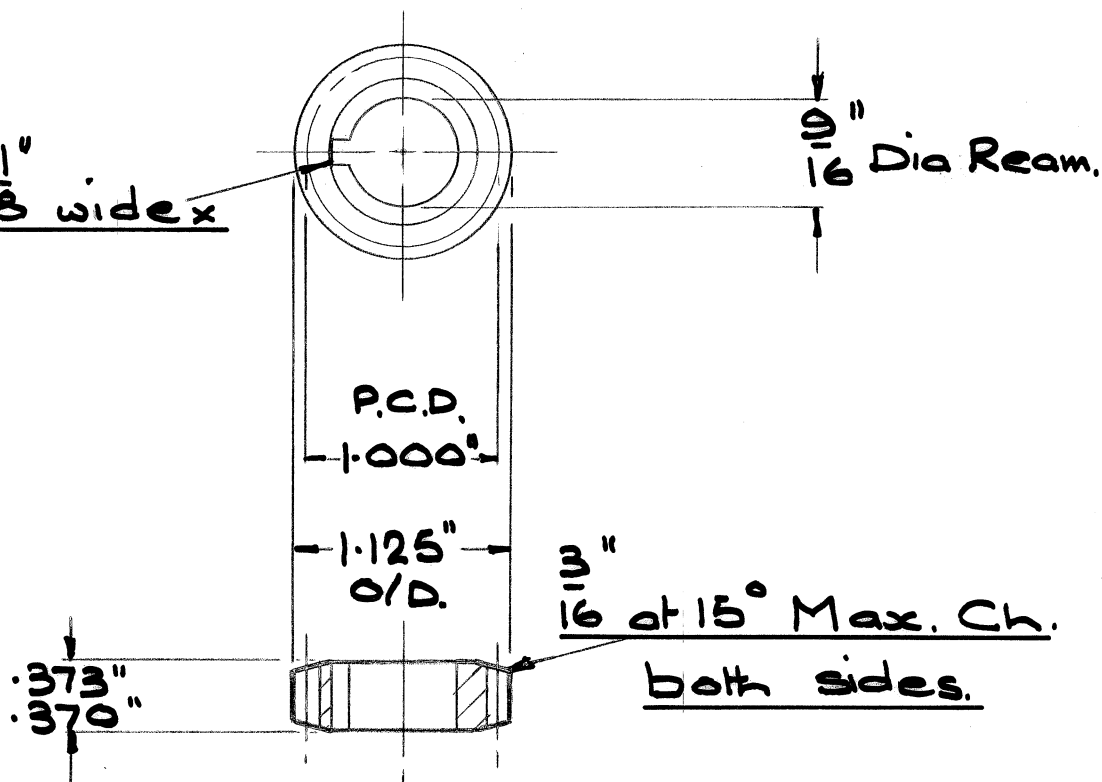
M.L. 115/948-G

IF IN DOUBT ASK.

ALTERATIONS

Stamp 'A'

Keyway:- $\frac{1}{8}$ wide x
 $\frac{3}{32}$ deep.



16 Teeth - 16 D.P. - 20° Press L.

Whole tooth depth = .1348\"

M/C all over.

LIMITS ON DIMENSIONS UNLESS
OTHERWISE STATED.

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

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

(MK2)

5" Viceroy G.B. Lathe - METRIC LATHE STUD GEAR 16T.

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

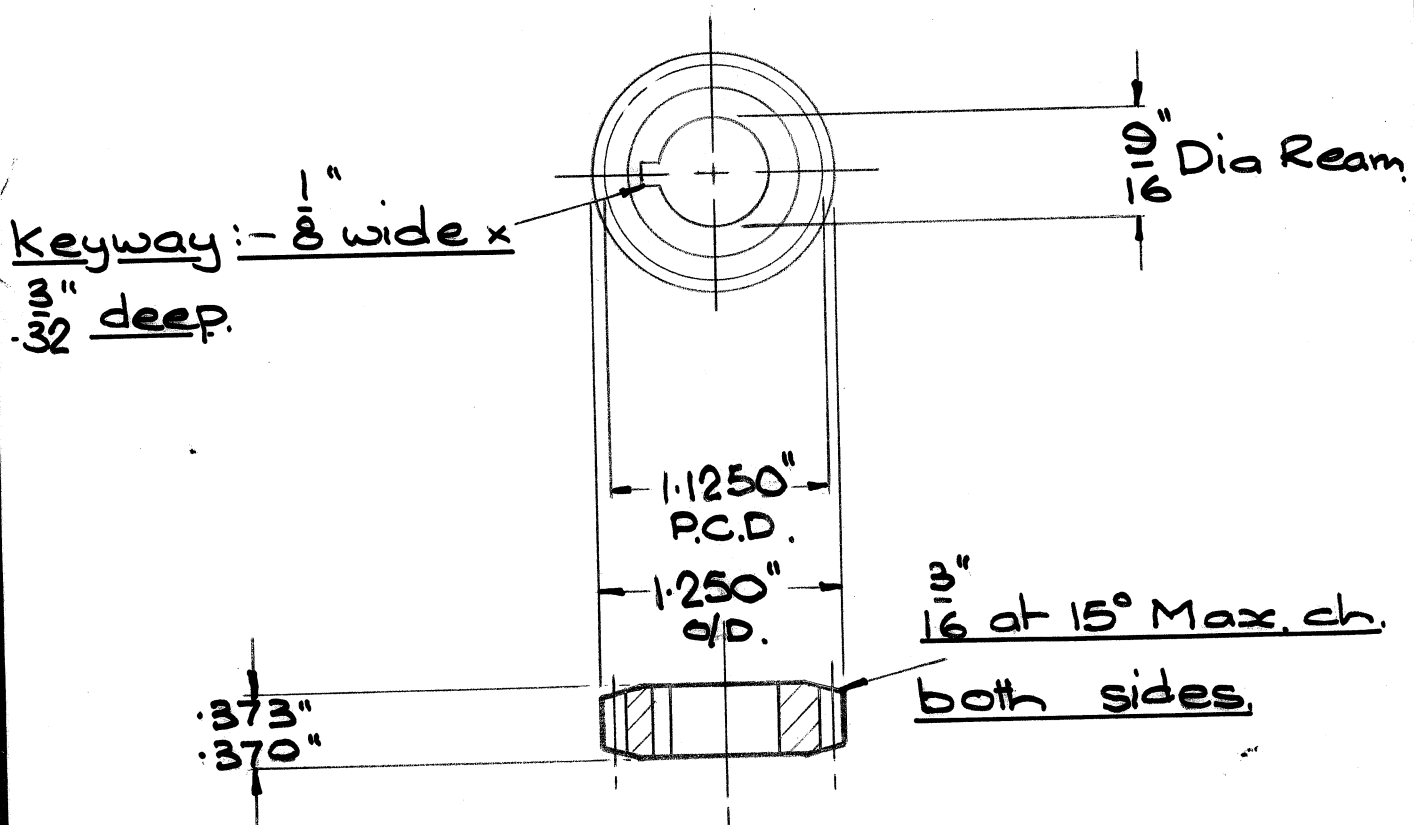
DRAWN
R. Derdowski
CHECKED 
PASSED
DATE
5.6.69.

MAT. M.S.
MAT. SIZE 1 1/4" O/D x 5/8"
No. REQD. 1 SCALE Full
DRAWING No. M.L.115/948-H.

IF IN DOUBT ASK.

ALTERATIONS

Stamp 'B'.



18 Teeth - 16 D.P. - 20° Press Angle.

Whole tooth depth = .1348"

M/C all over.

SEE

ML.115/953.

(MK.2)

5" Viceroy G.B. Lathe - Metric Lathe Stud Gear 18T.

LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.

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

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

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

DRAWN
R. Dondowski
CHECKED
PASSED
DATE
4.6.69.

MAT. M.S.
MAT. SIZE $1\frac{3}{8}$ " O/D x $5/8$ "
No. REQD. 1 SCALE Full.
DRAWING No.
M.L.115/948-J.

IF IN DOUBT ASK.



Cyanide harden.

M/call over.

Grind at 'C'

5" Viceroy Gear Box Lathe - INTERMEDIATE STUD.

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

DRAWN *A. S. Clarke.*

CHECKED 

PASSED

DATE **28.12.62.**

MAT. M.S.

MAT SIZE 1" Dia. x 4 5/16"

No. REQD.	1	SCALE	Full.
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DRAWING No.

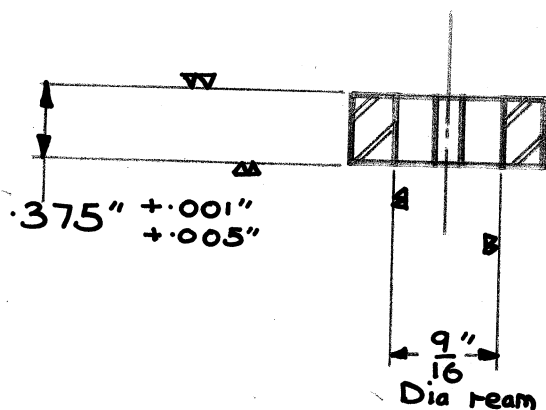
M.L.115/949

IF IN DOUBT ASK.

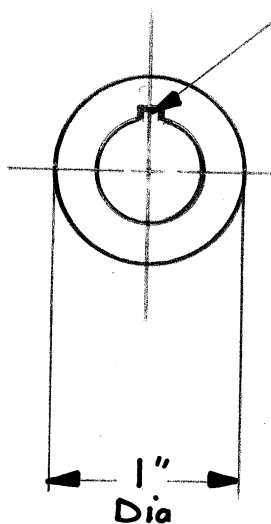
ALTERATIONS

Redrawn 1-11-66 D.

1672/40 21.5.69 R.D.



Keyway: $\frac{1}{8}$ " wide
 $\times \frac{1}{32}$ " deep.



Machine at w

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 Gear Box Lathe - Stud Gear Spacer.

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

DRAWN
M. M. Sowden.
CHECKED
PASSED
DATE

MAT. M.S.

MAT. SIZE 1" dia x $\frac{5}{8}$ " long

No. REQD. 1

SCALE Full

DRAWING No.

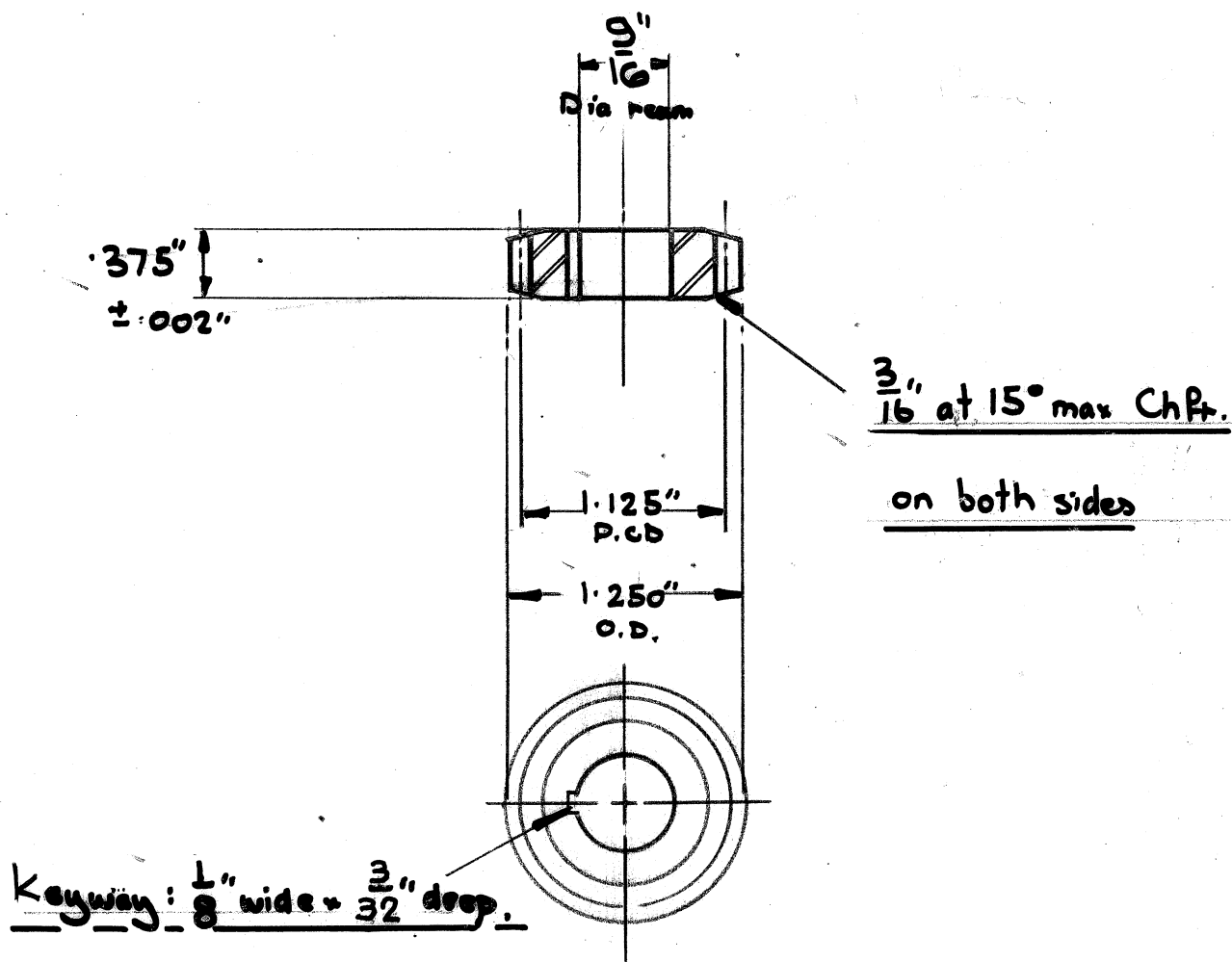
ML115/950

IF IN DOUBT ASK.

1303/66 8.3.66.B

Redrawn 10.3.66.B

1822/71.5.3.71



18 teeth - 16 D.P. - 20° Press. Angle.

Whole Tooth Depth = .1348"

SEE
ML 115/948-J

Machine all over

5" Viceroy G.B. Lathe - Rack Moving Gear

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

DRAWN
M. M. Souden
DATE
10.3.66

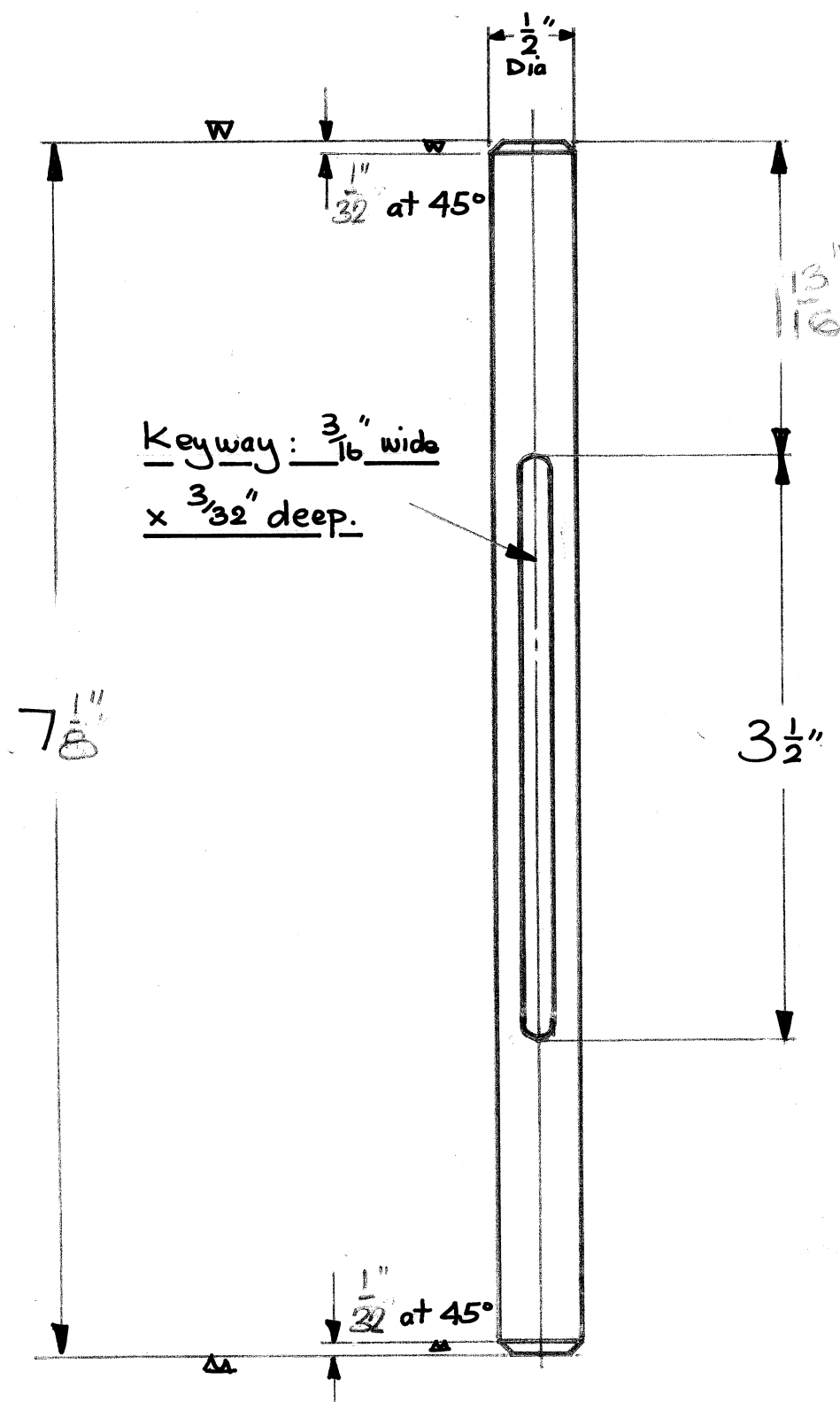
MAT.
M.S.
1 3/8" D. x 5/8"
SCALE Full
ML 115/953

IF IN DOUBT ASK.

ALTERATIONS

Redrawn 1.11.66 D

2563/78 11778 IV.



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 Gear Box Lather - Rack Shaft

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

DRAWN *M. M. Sowden.*
CHECKED *AS*
PASSED
DATE 1.11.66

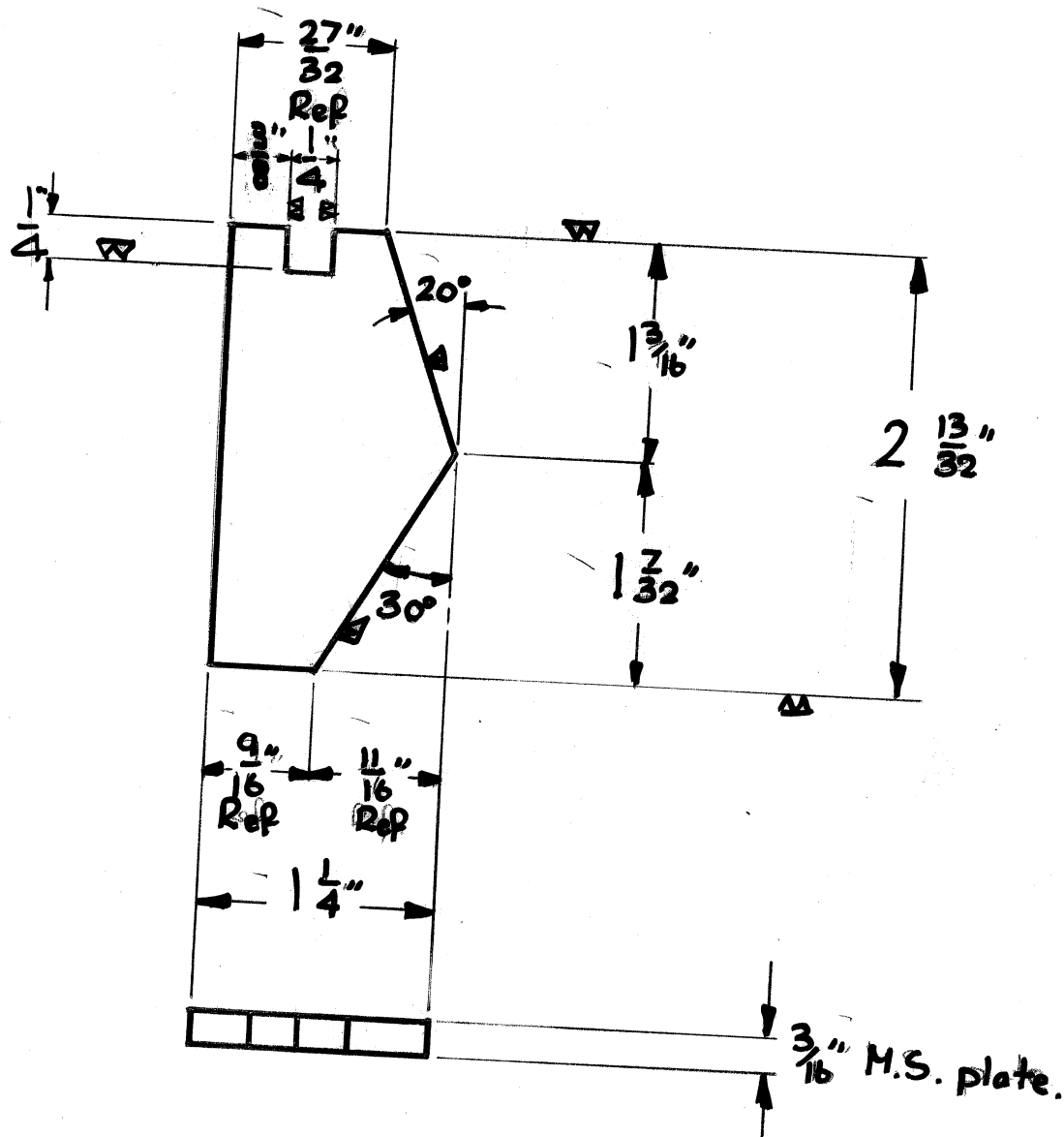
MAT. M.S.
MAT. SIZE $\frac{1}{2}$ " dia x $7\frac{1}{2}$ " long.
No. REQD. 1 SCALE Full
DRAWING No. ML115/956

IF IN DOUBT ASK.

1317/66 26.5.66

Redrawn 26.5.66

1947/72 29.2.72 RD



Machine at W - Remove all sharp edges.

Fit to Item ML115/958 - Rack & Weld together.

5" Viceroy G.B. Lathe - Tumbler Trip Lever.

M.M. Sowden.

Ans. 10/6

26.5.66

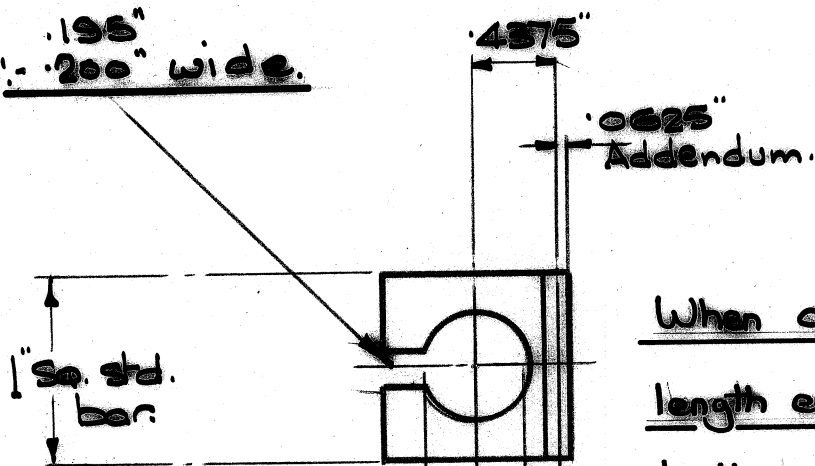
M.S. Plate.

3/16" x 1 1/4" x 2 5/8" long

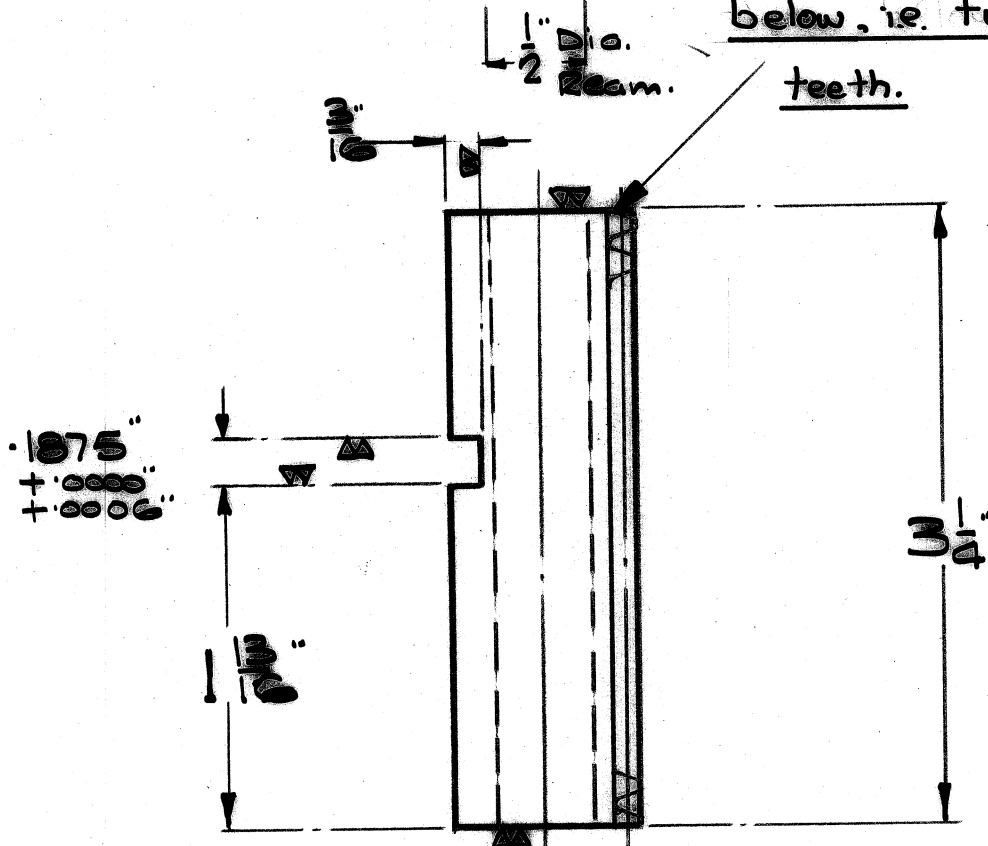
1 SCALE Full

ML115/957

Keyway: $\cdot 195''$ wide.



When cutting rack to length ensure that gear teeth are as shown below, i.e. two full teeth.



10 DP. - $\cdot 1963''$ Pitch. - 20° Press. Angle.

Whole tooth depth = $\cdot 1348''$

Machine at W.

IF IN DOUBT ASK.

5" Viceroy Gear Box Lathe - RACK.

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

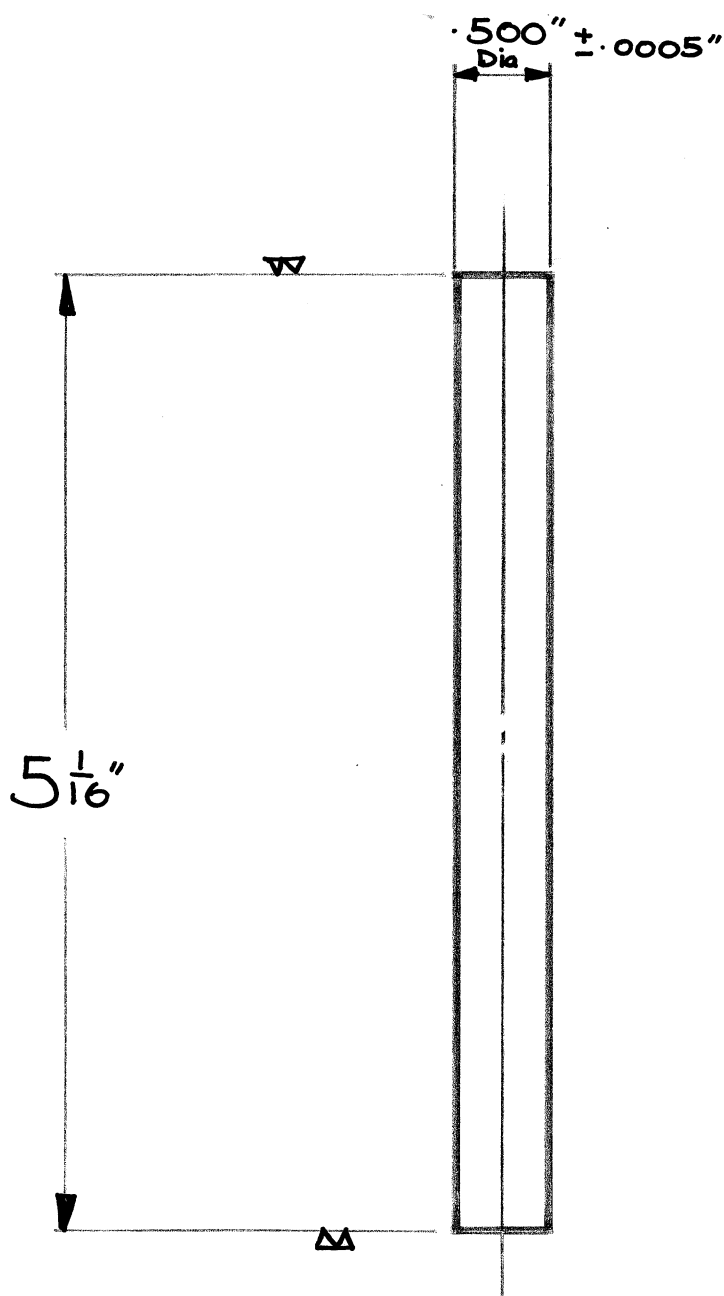
DRAWN *A. S. Galt*
CHECKED
PASSED
DATE 31.10.62.

MAT. M.S.
MAT SIZE $3\frac{1}{2}'' \times 1''$ sq.
No. REQD. 1 SCALE Full
DRAWING NO. M.L.115/2000

IF IN DOUBT ASK.

ALTERATIONS

Redrawn 1.11.66 D.



Machine at ∇

Remove all sharp corners.

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 Gear Box Lathe - Tumbler Shaft.

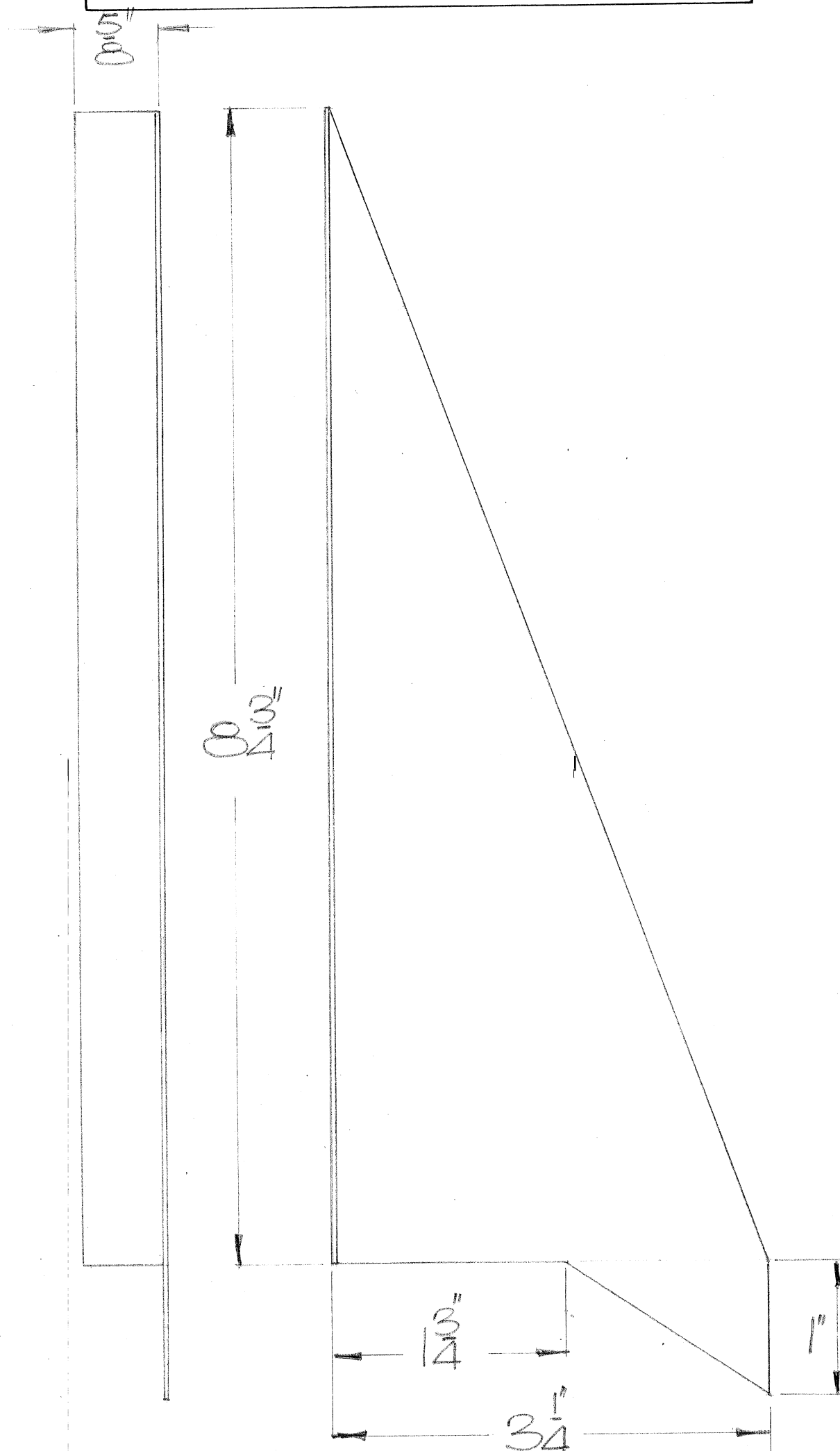
DENFORD MACHINE TOOLS LTD.
(Inc.) DENFORD SMALL TOOLS (BRIG) LTD.
BRIGHOUSE,
YORKSHIRE.

DRAWN *M. M. Sowden.*
CHECKED *AE*
PASSED
DATE 1. 11. 66

MAT. Silver Steel.
MAT. SIZE $\frac{1}{2}"$ dia x $5\frac{5}{16}"$.
No. REQD. 1 SCALE Full
DRAWING No. ML 115 / 959

IF IN DOUBT ASK

ALTERATIONS



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" G/B LATHE. -

ENG & MET CONVERSION END GUARD
FILL IN PLATE

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

DRAWN W.

CHECKED

PASSED

DATE 2-11-77

MAT. SHEET STEEL

MAT. SIZE 14 SWG.

No. REQD. 1

SCALE FULL

DRAWING No.

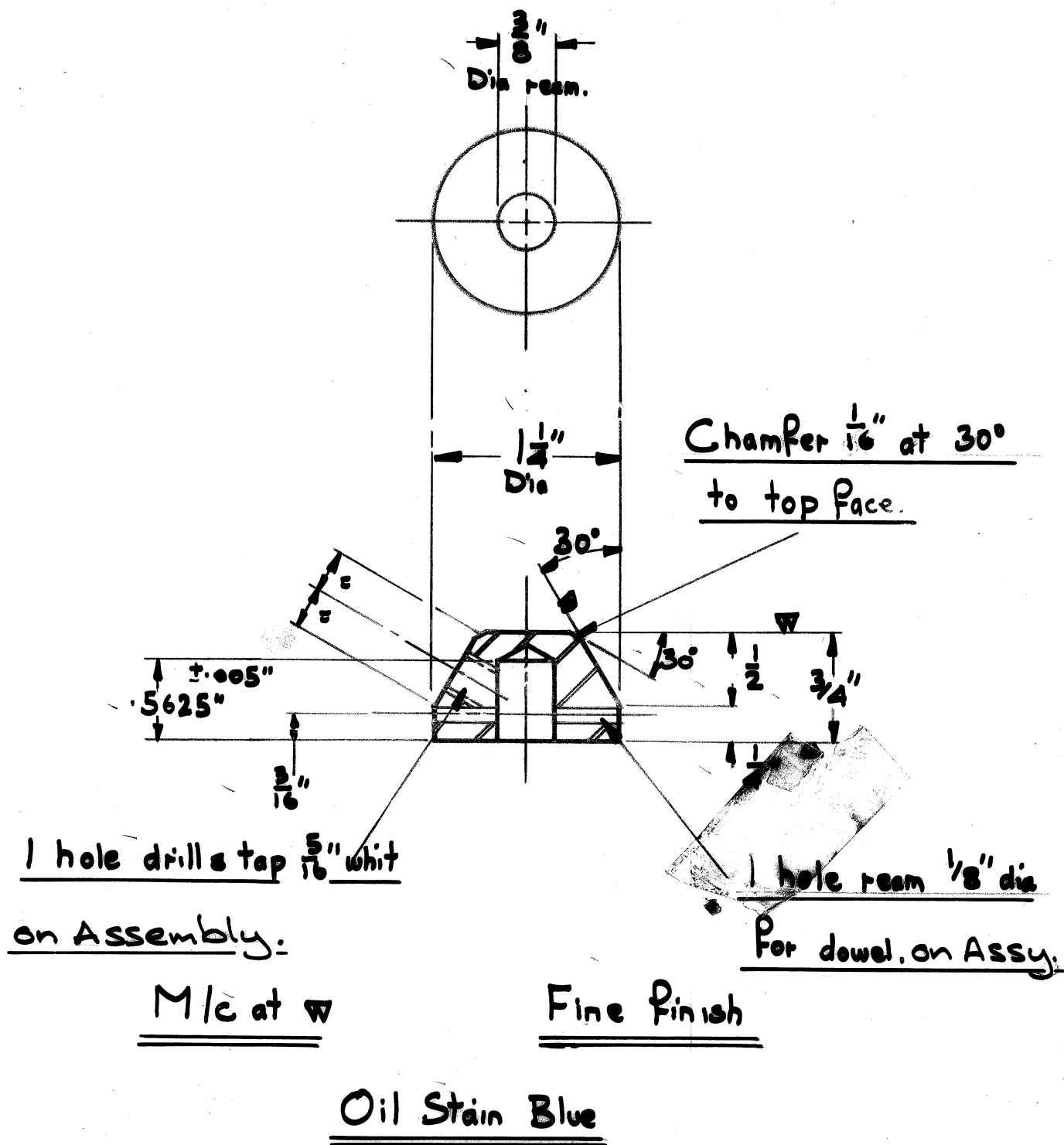
ML 115/971.

IF IN DOUBT ASK.

Redrawn 4.1.66

1423/66 13.12.66

1833/71.10.3.71.20.



5" Viceroy Metal Lathes - Trip Lever Handle Boss

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

DRAWN
M.M. Souden.
CHECKED
DATE
4.1.66

MAT. M.S.
MAT SIZE $1\frac{1}{4}$ " Dia x 1" long
No. REQ. See Parts List
SCALE Full
DRAWING No. ML115/979.

DENFORD MACHINE TOOLS LTD. (INC.) DENFORD SMALL TOOLS (BRIG) LTD. BRIGHOUSE, YORKSHIRE.		DATE 4.6.69. PASSED CHECKED DRAWN R. Dendewski.	MAT. M.S. MAT. SIZE 2" Dia x 9 1/16" No. REQD. 1. SCALE Full.	DRAWING No. M.L. 115/983.
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5" Viceroy G.B. Lathe (Metric) - Gear Train 25 T Gear.

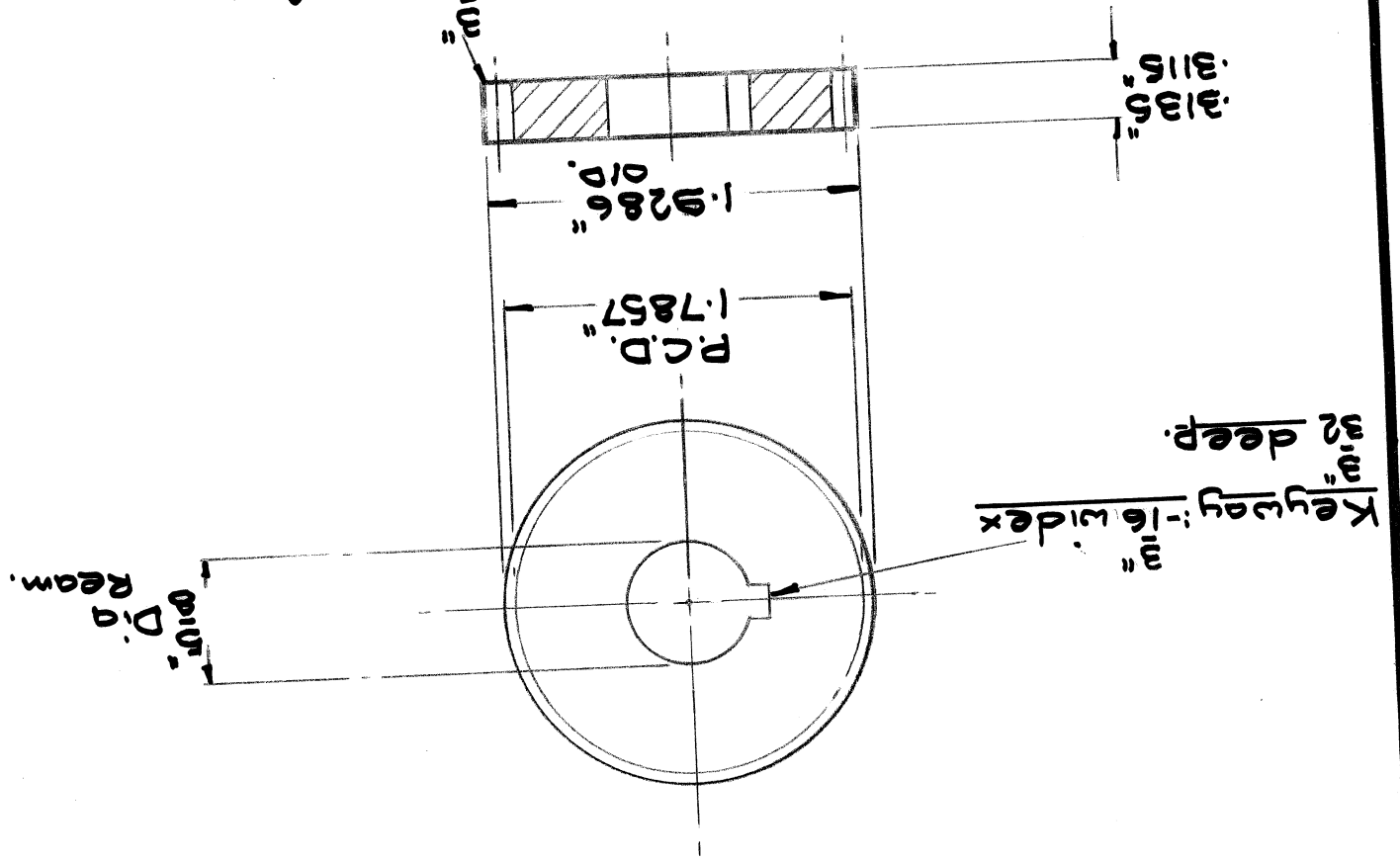
(14K2)

M/C all over.

25 Teeth - 14DP - 20° Press Angle.
 Whole tooth depth = .1541"

Chamfer on all edges

16 at 15° Max



LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.

ANGULAR ± 1/2° 3 PLACE DECIMAL ± .005"
 FRACTIONAL ± .010" 4 PLACE DECIMAL ± .0005"

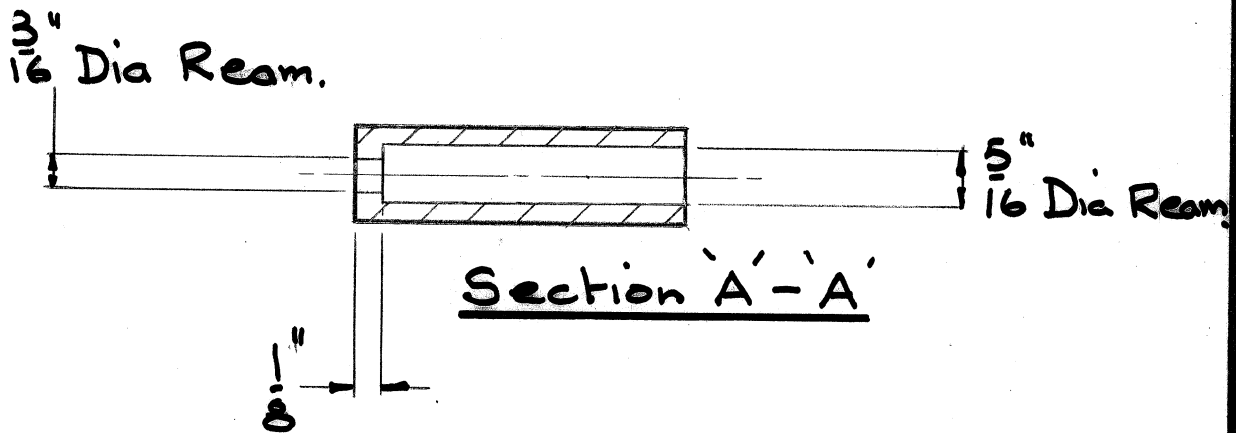
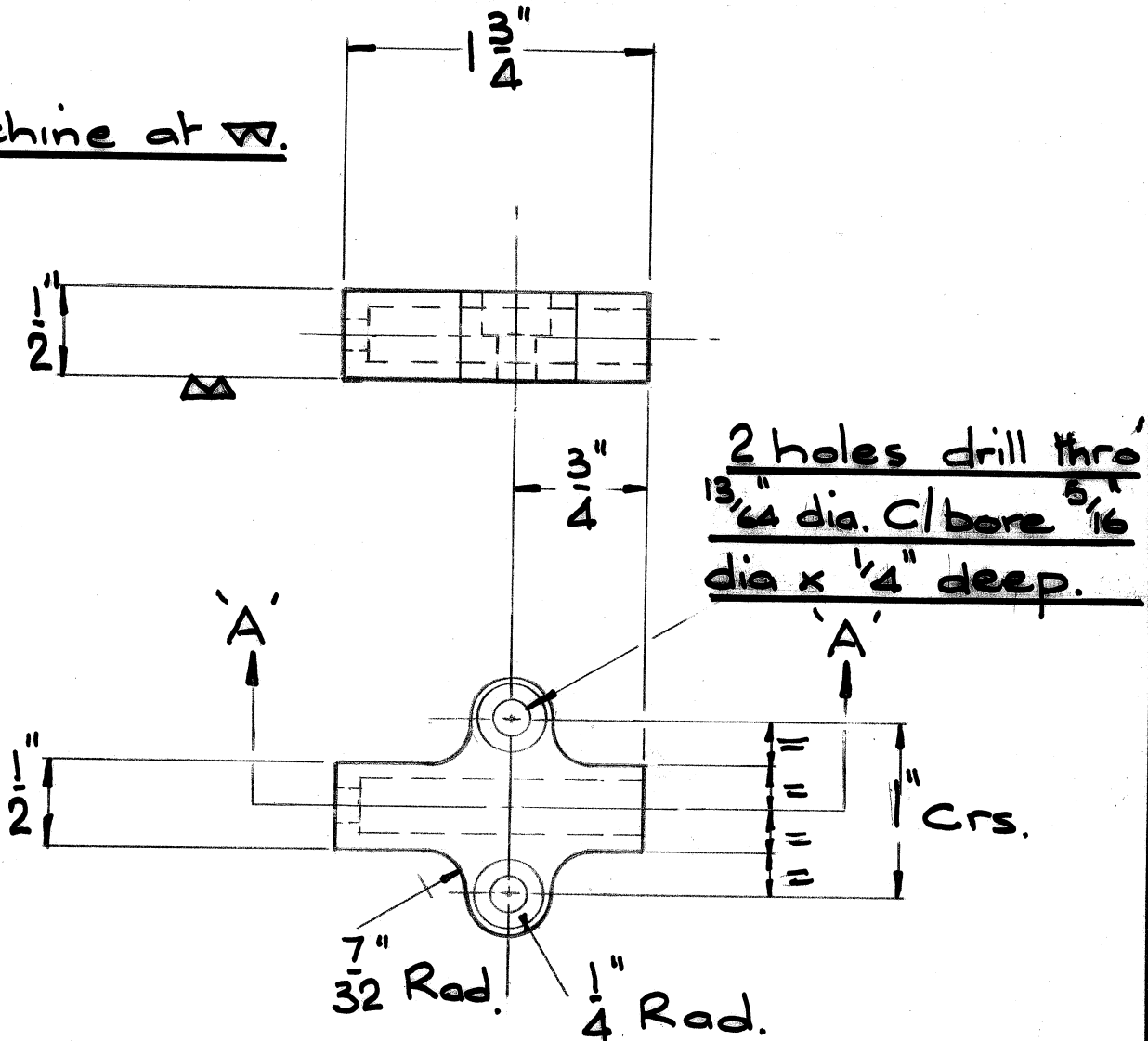
IF IN DOUBT ASK.

ALTERATIONS 1696/69 IS. 10.69.81

IF IN DOUBT ASK.

ALTERATIONS

Machine at W.



LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.

ANGULAR $\pm 1^\circ$ 3 PLACE DECIMAL $\pm .005^\circ$

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

5" Viceroy G.B. Lathe :- Fool Proof Pin Stop Housing.

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

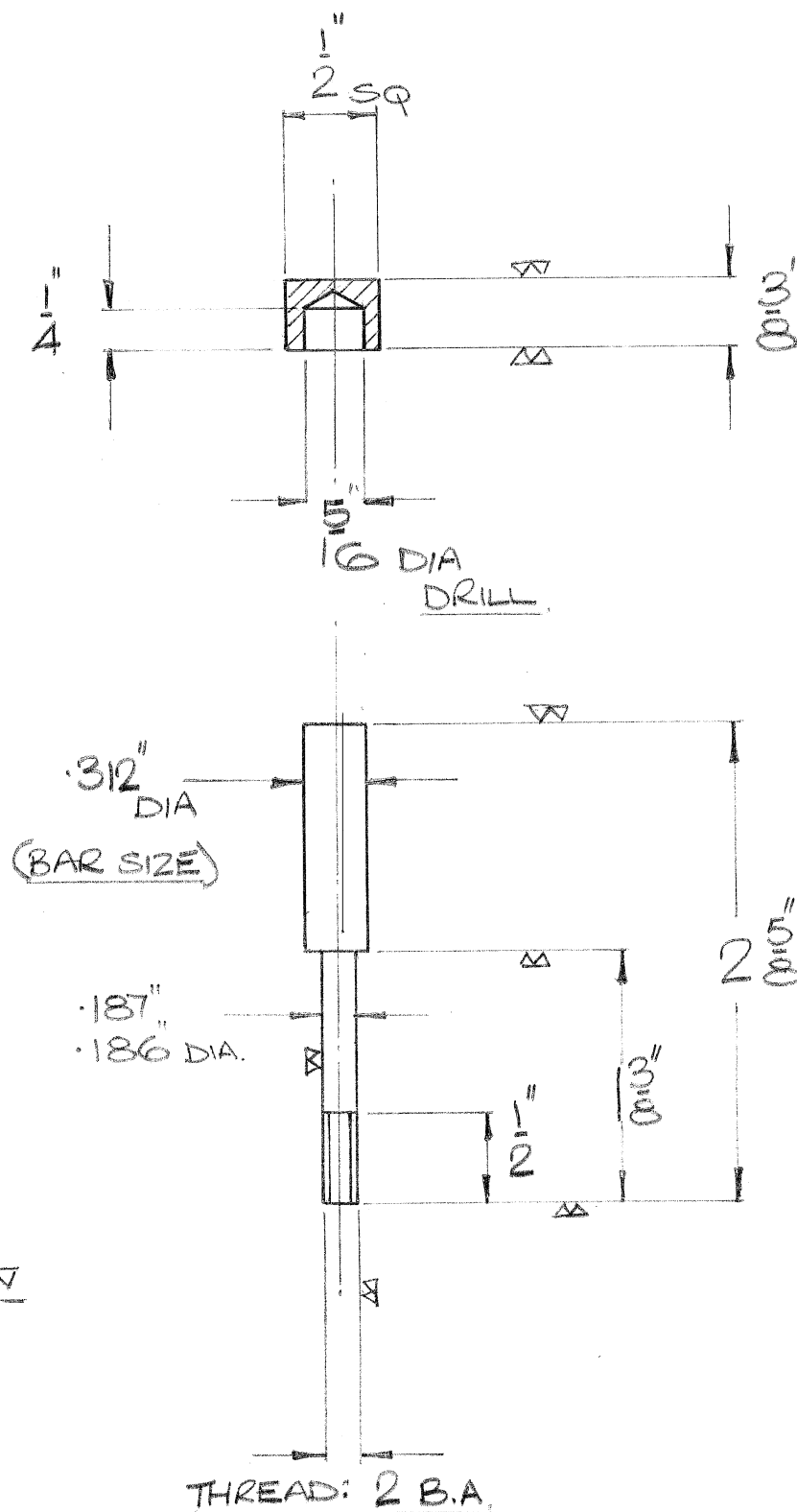
DRAWN
R. Derdowski
CHECKED
PASSED
DATE 3.9.69.

MAT. C.I.
MAT. SIZE Casting.
No. REQD. 1 SCALE Full.
DRAWING No. M.L. 115/984.

IF IN DOUBT ASK

ALTERATIONS

REDRAWN, 20.7.78



DRILL & PIN TOGETHER WITH
A 1/8" DIA SEL-LOC PIN - 1/2" LONG

LIMITS ON DIMENSIONS UNLESS
OTHERWISE STATED.

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

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

5" & 280 VS, G.B. LATHE - FOOL PROOF PIN STOP.

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

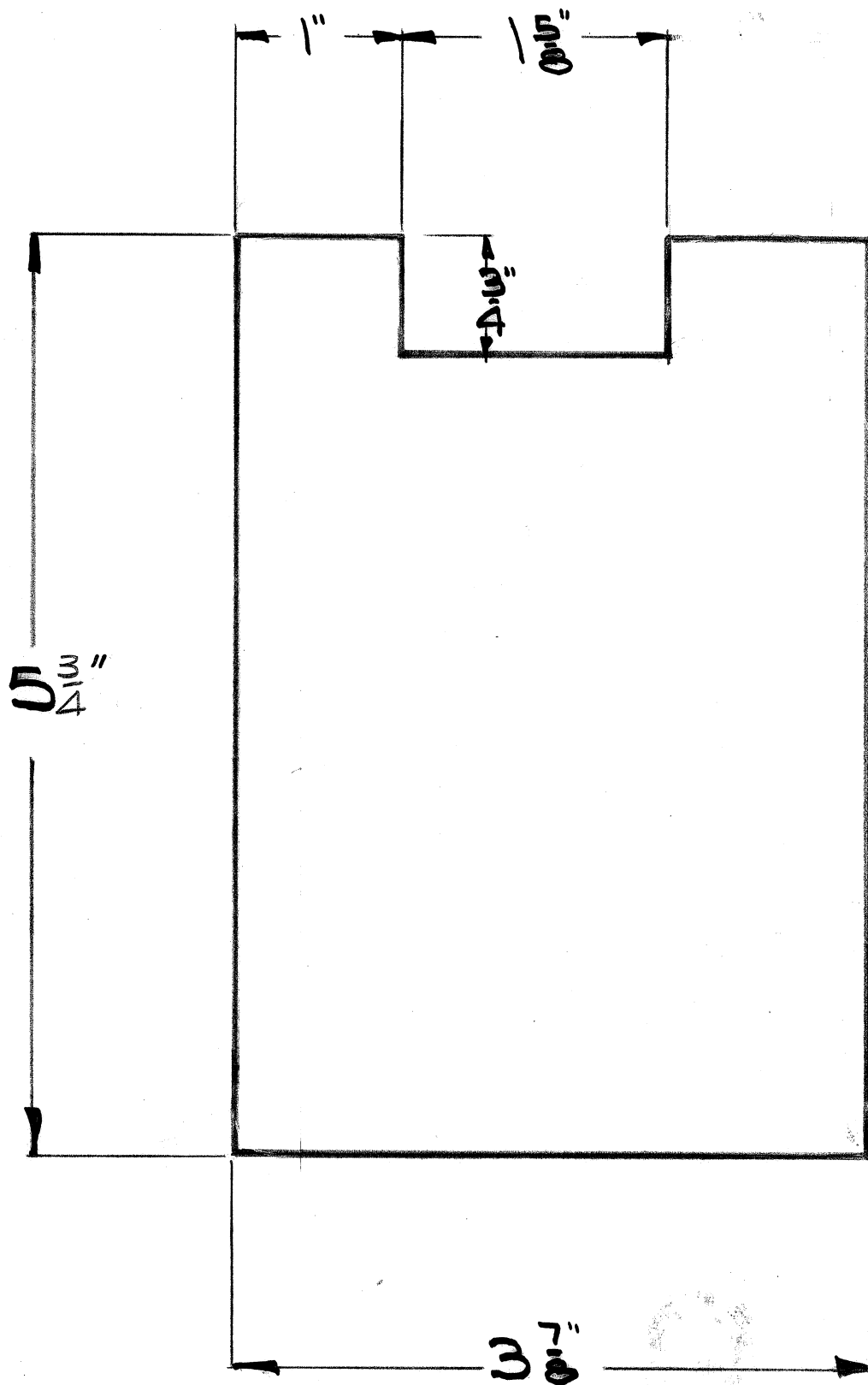
DRAWN IV.
CHECKED
PASSED
DATE 20.7.78

MAT. MILD STEEL
MAT. SIZE 1/2" SQ x 7/16" & 5/16" DIA x 2 1/16"
No. REQD. ONE SCALE FULL
DRAWING No. ML 115/985

IF IN DOUBT ASK.

ALTERATIONS

2705/19.5.3.79RD



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 G.B. Lathe - Back cover plate.

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

DRAWN

IV

CHECKED

☆

PASSED

DATE

7.10.69.

MAT.

16. S.W.G

MAT. SIZE

3 7/8 x 5 1/2

No. REQD.

1.

SCALE

FULL

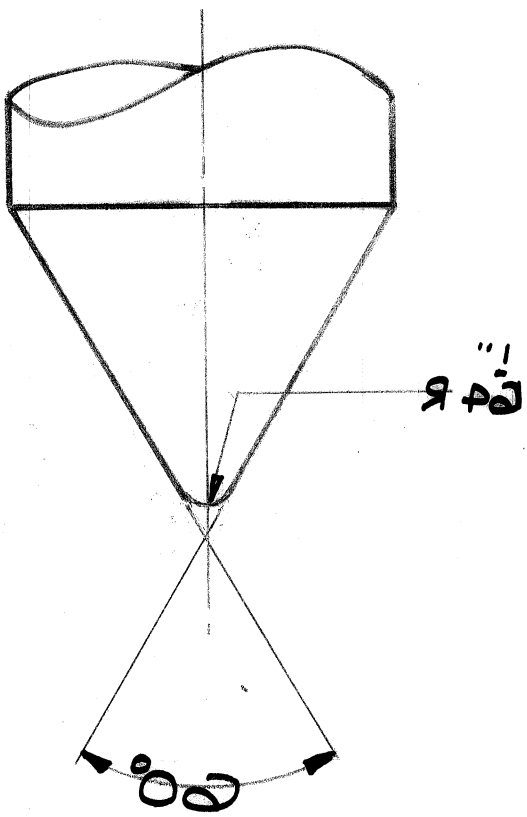
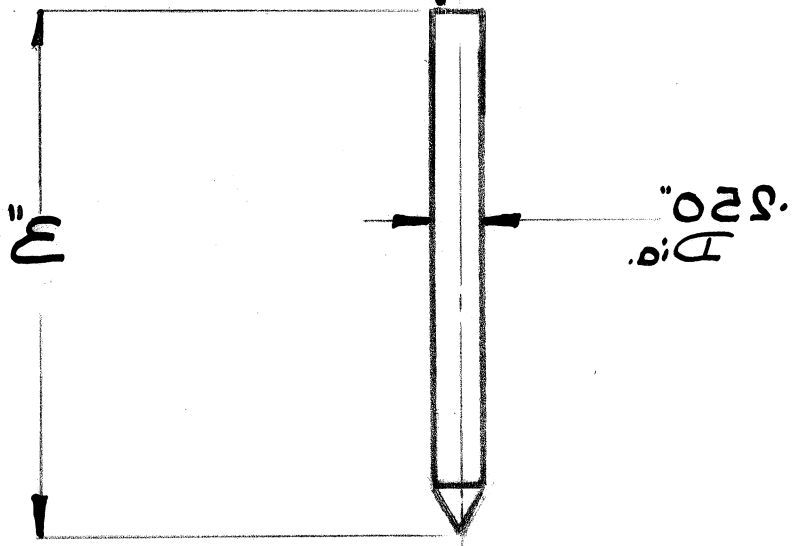
DRAWING No.

ML115/986.

ALTERATIONS
1208/1-20117

IF IN DOUBT ASK.

This end to be
machined on assembly



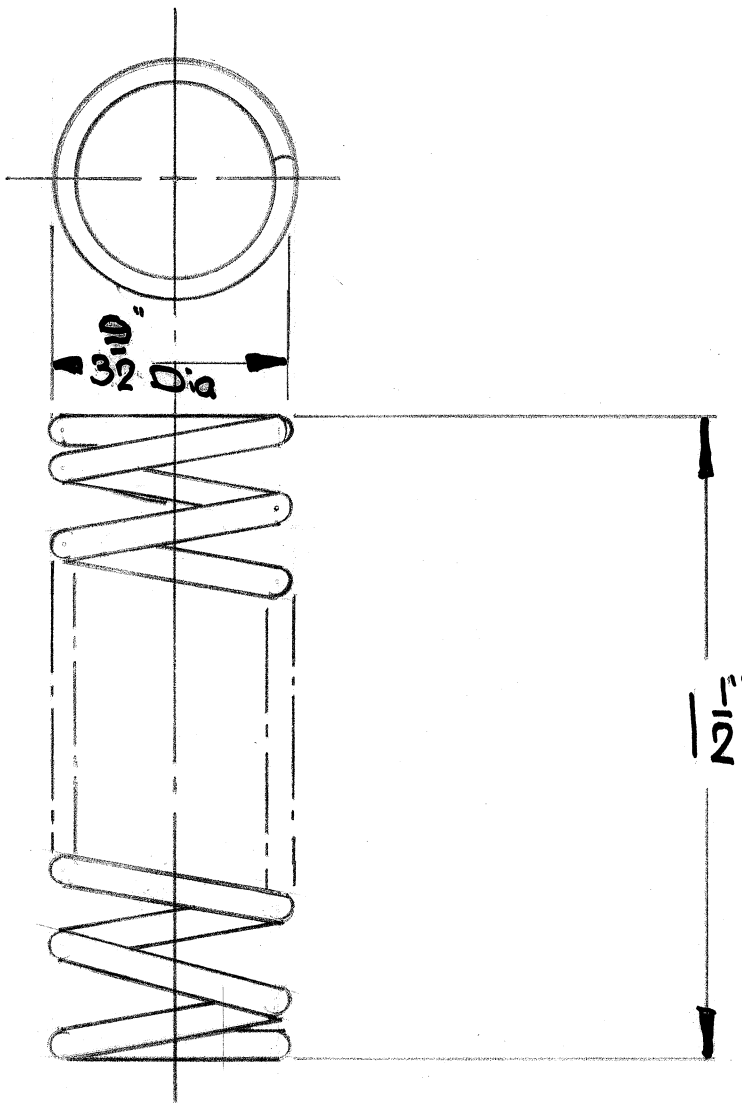
FUNCTIONAL $\pm .010$, 4 PLACE DECIMAL $\pm .0002$
ANGULAR $\pm 1^\circ$, 3 PLACE DECIMAL $\pm .002$
OTHERWISE STATED
LIMITS ON DIMENSIONS UNLESS

2 Viceroy GB 10th - Foot Proof Pin

DRAWING No. <u>ML112/287</u>		DATE <u>7.10.08</u>		YORKSHIRE	
No. RECD. <u>1</u>		PASSED		BRIGHOUSE	
SCALE <u>7/11 x 8 x 2 1/2</u>		CHECKED <u>[Signature]</u>		(Inc.) DENFORD SMALL TOOLS (BRIG) LTD.	
MAT. SIZE <u>.520 Dia x 3"</u>		DRAWN <u>[Signature]</u>		DENFORD MACHINE TOOLS LTD.	
MAT. <u>Silver Steel</u>					

IF IN DOUBT ASK.

ALTERATIONS



$\frac{3}{32}$ " O/D, $\frac{1}{2}$ " F.L. 20 S.W.G.,
12 c.p.i. & Ground ends.
Compression Spring.

LIMITS ON DIMENSIONS UNLESS
OTHERWISE STATED.

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

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

5" Viceroy Metal Lathe: G.B. Fool Proof SPRING.

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

DRAWN IV
CHECKED AR
PASSED
DATE 10.10.69.

MAT. as above.
MAT. SIZE as above.
No. REQD. 1. SCALE 4 x Full.
DRAWING No. ML.115/989.

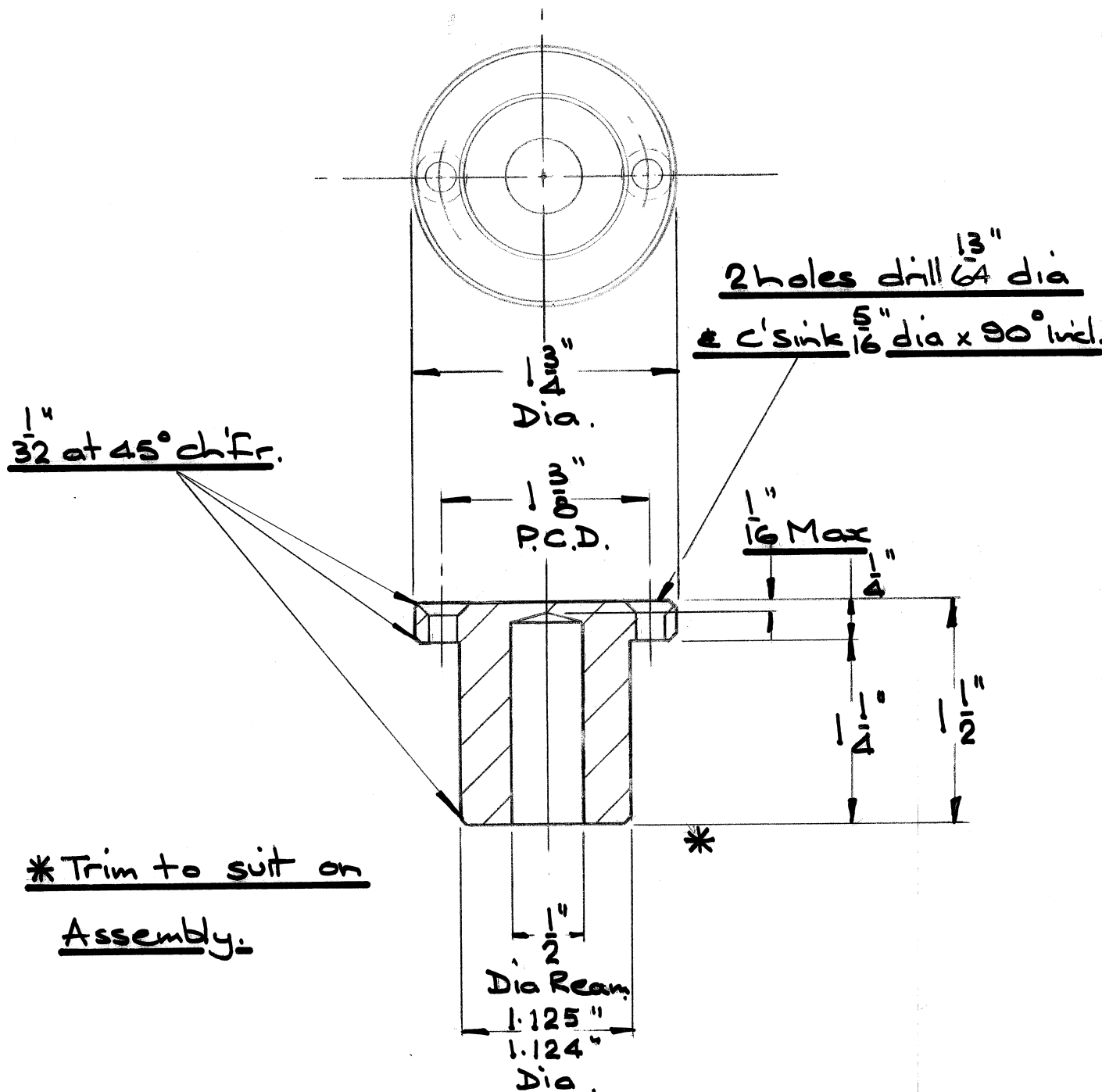
IF IN DOUBT ASK.

ALTERATIONS

1877/71.2.8.78D

2717/79.2237811.

Mc all over.



LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.

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

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

5" Viceroy G.B. Lathe : Tumbler Driving Shaft Bush.

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

DRAWN
R. D. Derdowski
CHECKED
[Signature]
PASSED
DATE
12.2.70.

MAT. C.I.
MAT. SIZE 1 3/4 Dia x 1 3/4" long.
No. REQD. 1. SCALE Full.
DRAWING No. M.L. 115/990.

IF IN DOUBT ASK.

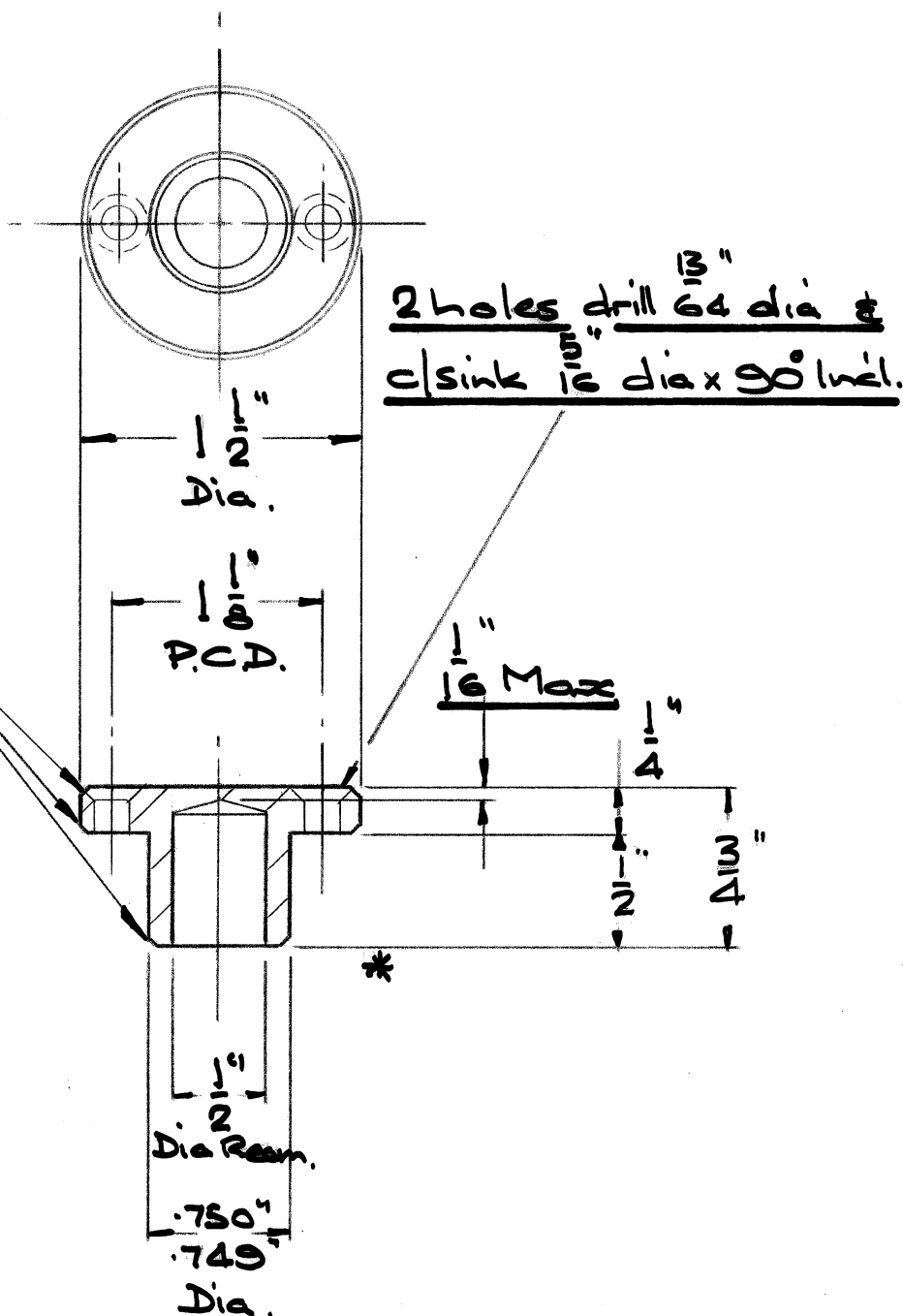
ALTERATIONS

1877/71.28.71.2

1999/72.1.11.72.20

2717/79.22.379.11

Mc all over.



*Trim to suit on Assembly.

LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.

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

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

5" Viceroy G.B. Lathe: Gear Train Shaft Bush.

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

DRAWN
R. Dendowski
CHECKED [Signature]
PASSED
DATE 13.2.70.

MAT. C.I.
MAT. SIZE 1 1/2" dia x 1" long.
No. REQD. 1 SCALE Full.
DRAWING No. M.L.115/991 B.

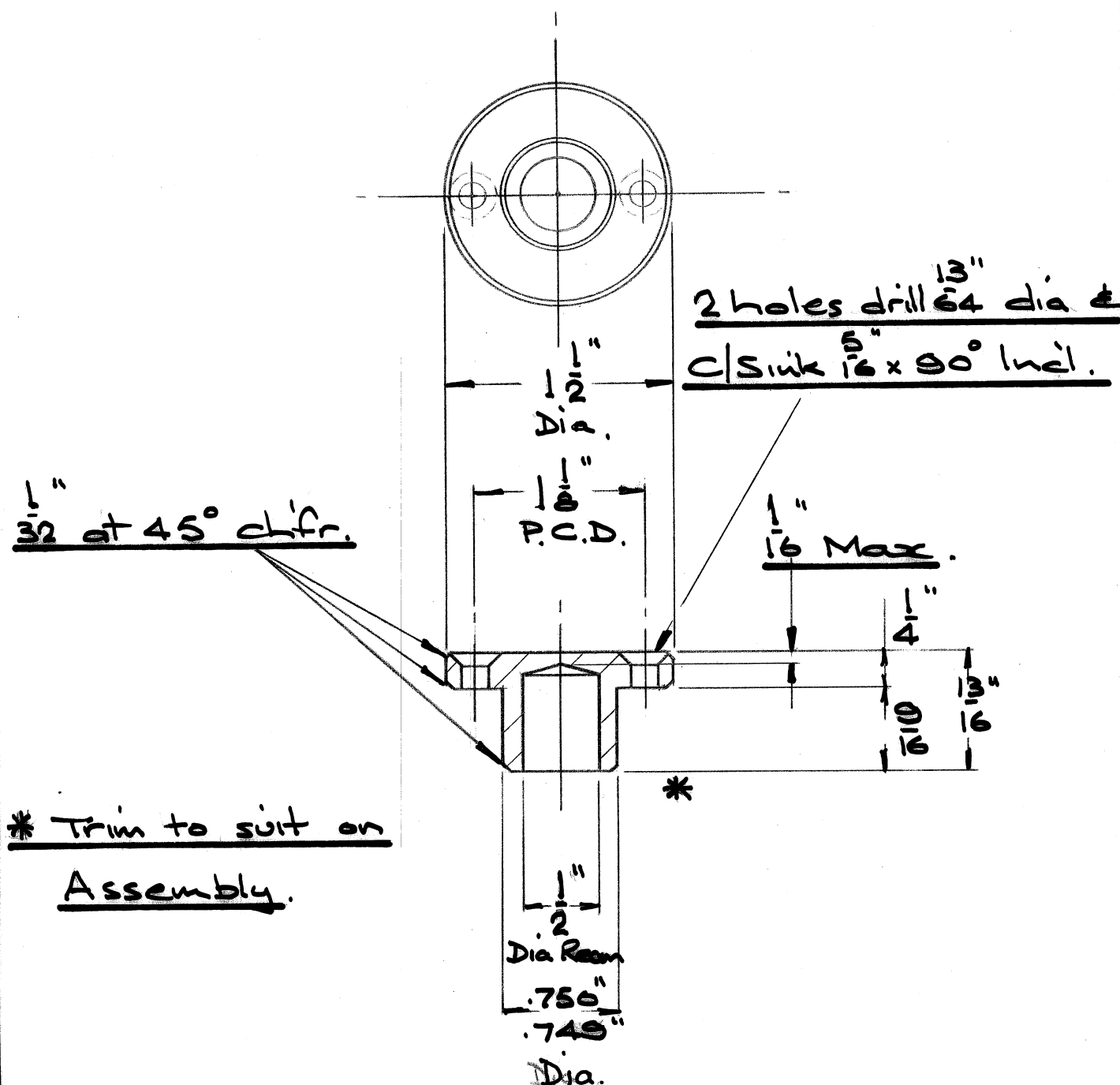
IF IN DOUBT ASK.

ALTERATIONS

1877/71.2.8.71.21

2717/79.22.3.71.11.

Mc all over.



LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.

ANGULAR $\pm 1^\circ$ 3 PLACE DECIMAL $\pm .005^\circ$

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

5" Viceroy G.B. Lathe: Sliding Dog Shaft Bush.

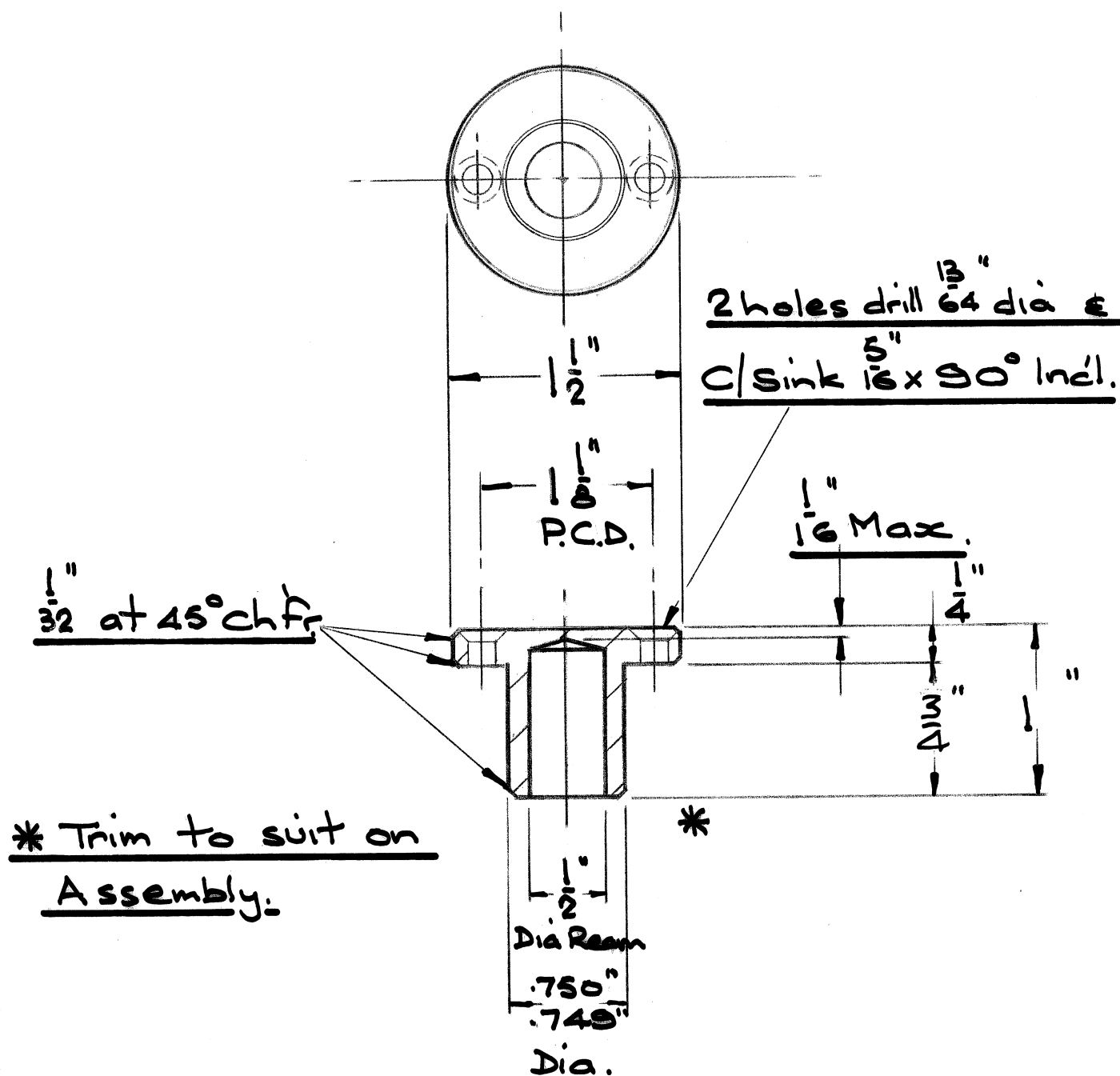
DENFORD MACHINE TOOLS LTD.
(Inc.) DENFORD SMALL TOOLS (BRIG) LTD.
BRIGHOUSE,
YORKSHIRE.

DRAWN
R. Dudauski
CHECKED *[Signature]*
PASSED
DATE 14.2.70.

MAT. C.I.
MAT. SIZE 1 1/2" dia x 1" long.
No. REQD. 1. SCALE Full.
DRAWING No. M.L.115/992A.

2717/79. 22 3 79 W

Mc all over.



LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.

ANGULAR $\pm 1^\circ$ 3 PLACE DECIMAL $\pm .005''$

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

5" Viceroy G.B. Lathe : Sliding Dog Shaft Bush.

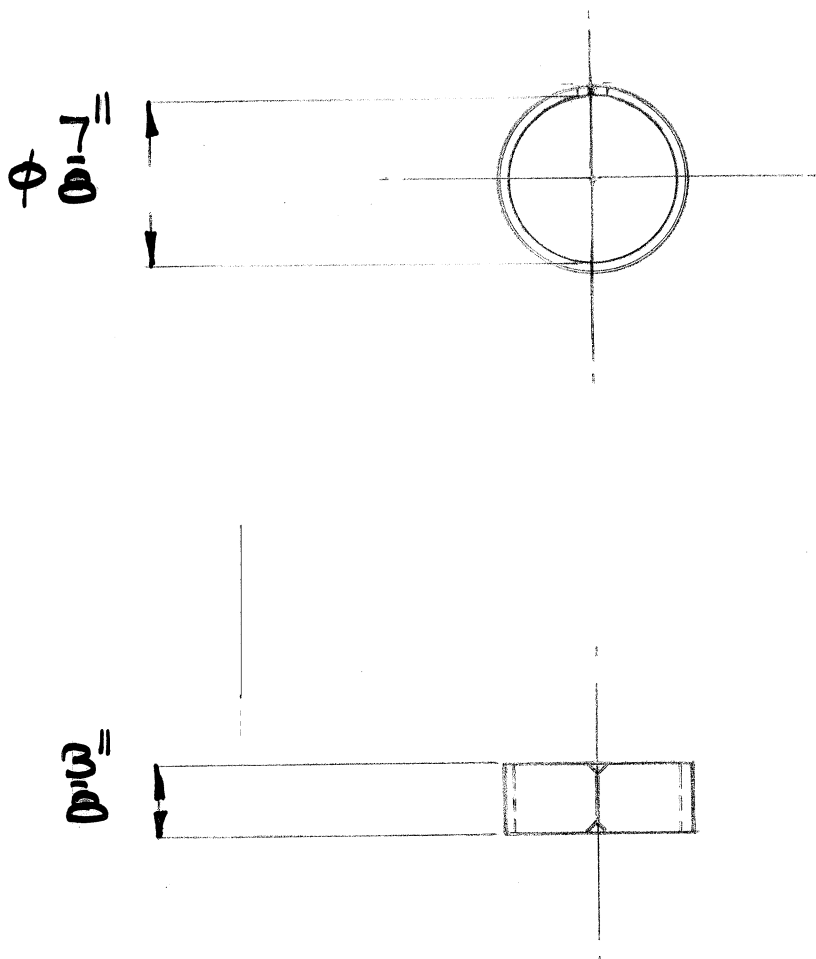
DENFORD MACHINE TOOLS LTD.
(Inc.) DENFORD SMALL TOOLS (BRIG) LTD.
BRIGHOUSE,
YORKSHIRE.

DRAWN	R.D.
CHECKED	
PASSED	
DATE	17. 2. 70.

MAT.		C.I.
MAT. SIZE $1\frac{1}{2}$ dia x $1\frac{1}{4}$ " long.		
No. REQD.	1	SCALE Full.
DRAWING No.		
M.L.115/992B.		

IF IN DOUBT ASK.

ALTERATIONS



NB. This is a bought out Part.

Rilo Super quality retaining spring.

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 GB. lathe - QUADRANT RETAINING SPRING.

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

DRAWN

~~II~~

CHECKED

PASSED

DATE

10.9.71

MAT. SPRING STEEL.

MAT. SIZE

22.S.W.G.

No. REQD.

2

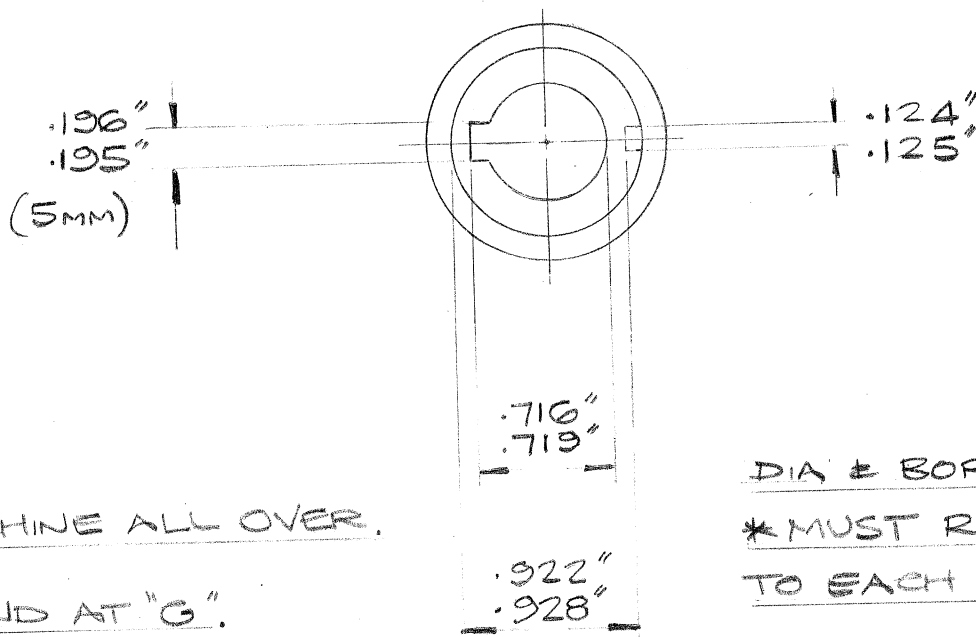
SCALE

Full

DRAWING No.

ML, 115/995.

2610/78.10.10.78.R



DIA & BORE MARKED
* MUST RUN TRUE
TO EACH OTHER.

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

ML115/996A.

G.A.F. 0119/68

ALTERATIONS
1956/7E-13-4-72 J1

ALTERATIONS



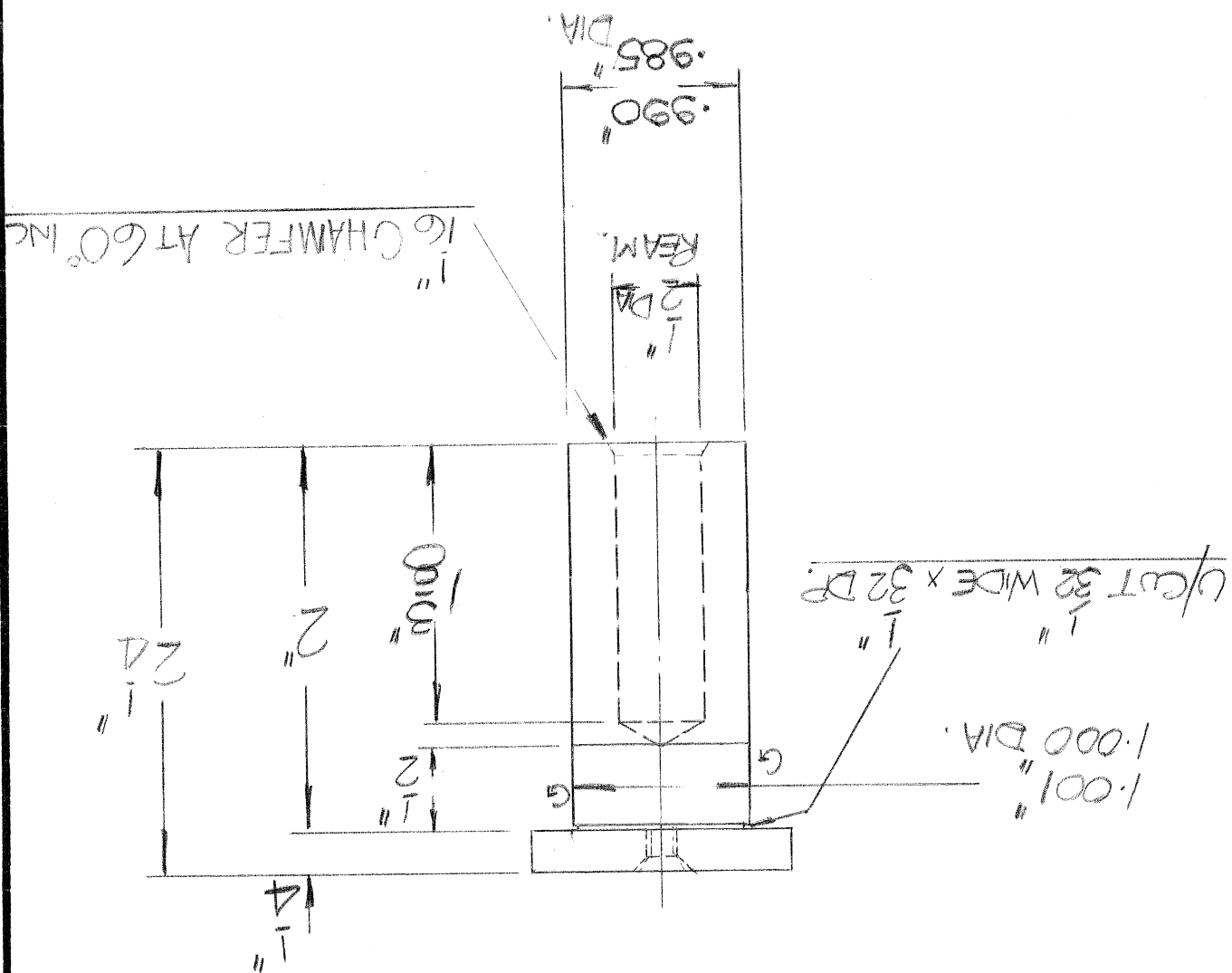
5" VICEROY G.B. LATHE - 66T.GEAR (STD. SET UP

DENFORD MACHINE TOOLS LTD.	DRAWN J.P.	MAT. C.I	LIMITS	TOLERANCES	FRACTIONAL
(INC.) DENFORD SMALL TOOLS (BRIG) LTD.	CHECKED -	MAT. SIZE CASTING			
5 VICEROY G.B. LATHE	PASSED	No. REQD.	SCALE	FULL	
DENFORD MACHINE TOOLS LTD. YORKSHIRE.	DRAWN DATE	DRAWING No.			
(INC.) DENFORD SMALL TOOLS (BRIG) LTD.	3P.3-72	MAT. M.B. 115/998			
BRIGHOUSE,	CHECKED	MAT. SIZE	No. REQD.	SCALE	FULL
YORKSHIRE.	PASSED	DRAWING No.			
	DATE	6-4-72	ML 115/999		

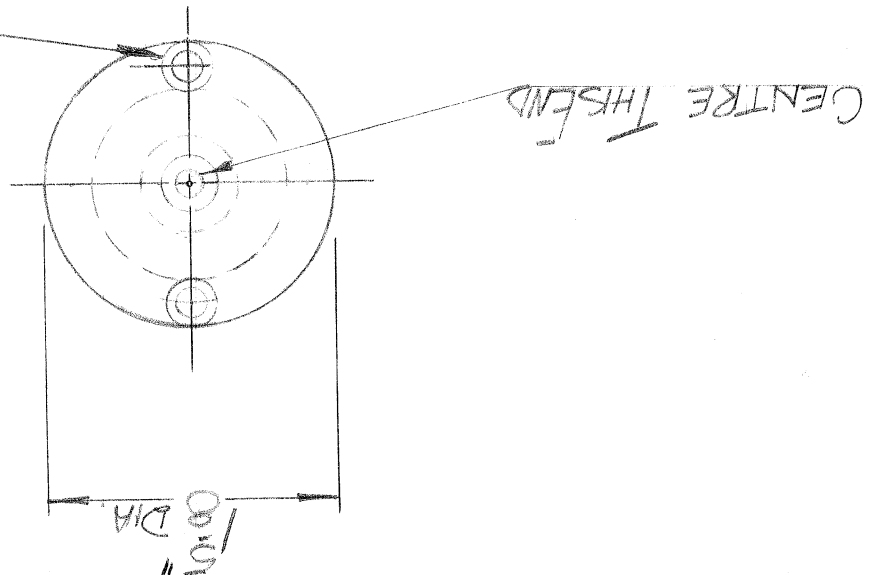
DENFORD MACHINE TOOLS LTD.		DRAWN		RD	
(Inc.) DENFORD SMALL TOOLS (BRIG) LTD.		CHECKED			
BRIGHOUSE,		PASSED			
YORKSHIRE.		DATE		21.3.74	
		DRAWING No.		ML115/1000	
		MAT.		CAST IRON	
		MAT. SIZE		3/4" DIA x 2 3/4"	
		No. RECD.		1	
		SCALE		FULL	

5 Viceroy - G.B. LATHES :- GEARBOX SPINDLE BUSH.

M/C ALL OVER.



2 HOLES DRILL 64 DIA.
5/16 DIA. X 90°
ON 1 1/4 PCD.

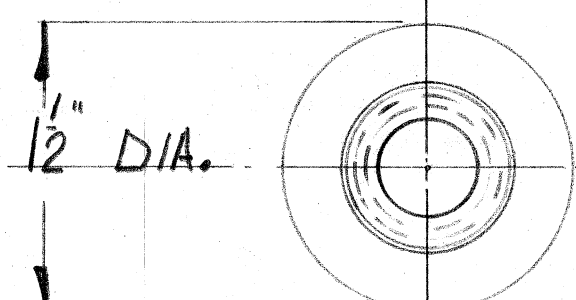
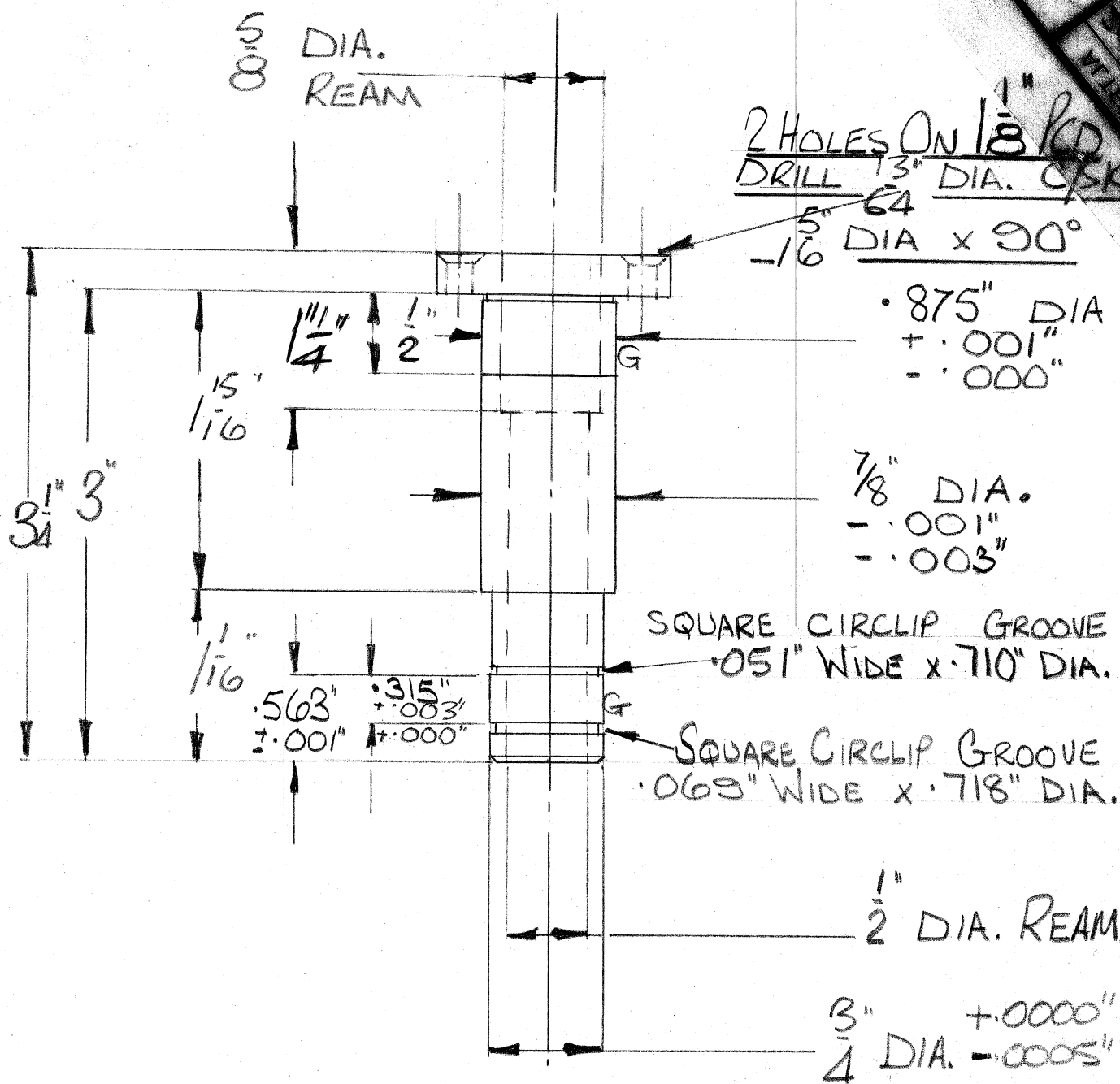
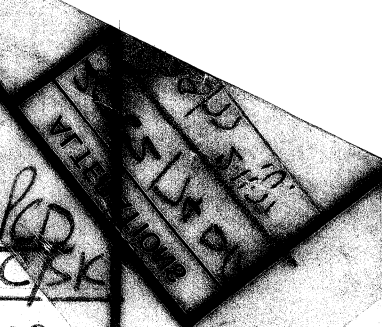


IF IN DOUBT ASK

2082/74	DR 3.1 74
85	MIN 2.3 74A
2091/74	DR 16.4 74
2107/74	DR 1.7 74
2112/74	DR 11.9 74
2492/78	30.1 78

ALTERATIONS

IF IN DOUBT ASK



GRIND AT 'G'

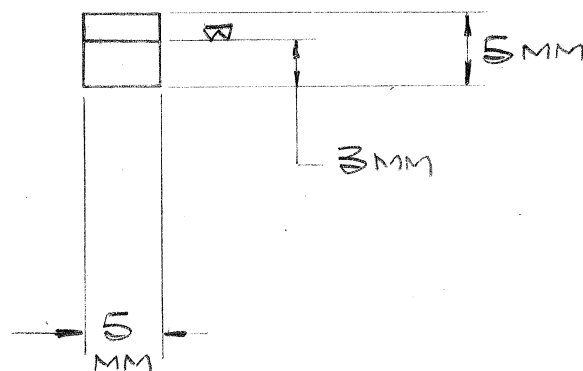
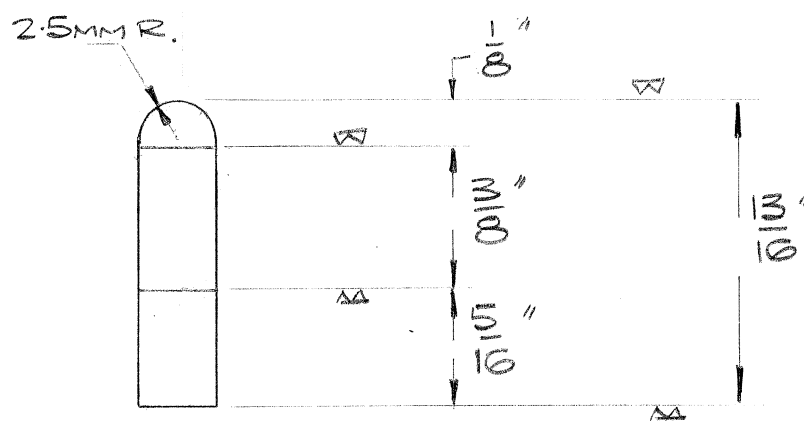
LIMITS ON DIMENSIONS UNLESS OTHERWISE STATED.
 ANGULAR $\pm \frac{1}{2}^\circ$ 3 PLACE DECIMAL $\pm .005$ "
 FRACTIONAL $\pm .010$ " 4 PLACE DECIMAL $\pm .0005$ "

5" VICEROY PCS and GB LATHES - SPACER SPINDLE BUSH

DENFORD MACHINE TOOLS LTD. (Inc.) DENFORD SMALL TOOLS (BRIG) LTD. BRIGHOUSE, YORKSHIRE.	DRAWN	DMR	MAT. MILD STEEL	
	CHECKED		MAT. SIZE $1\frac{5}{8}" \text{ } \phi \times 3\frac{1}{2}"$	
	PASSED		No. REQD. 1	SCALE FULL
	DATE	4/1/74	DRAWING No. ML 115/1001	

IF IN DOUBT ASK

ALTERATIONS



MACHINE AT W.

LIMITS ON DIMENSIONS UNLESS
OTHERWISE STATED.

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

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

VICEROY 5" & 280VS. LATHE - SHEAR KEY. (G.B.)

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

DRAWN RD

CHECKED

PASSED

DATE 28.6.78.

MAT. ALUMINIUM GR.1. NORMALISED

MAT. SIZE 5MM SQ x 1"

No. REOD. 1

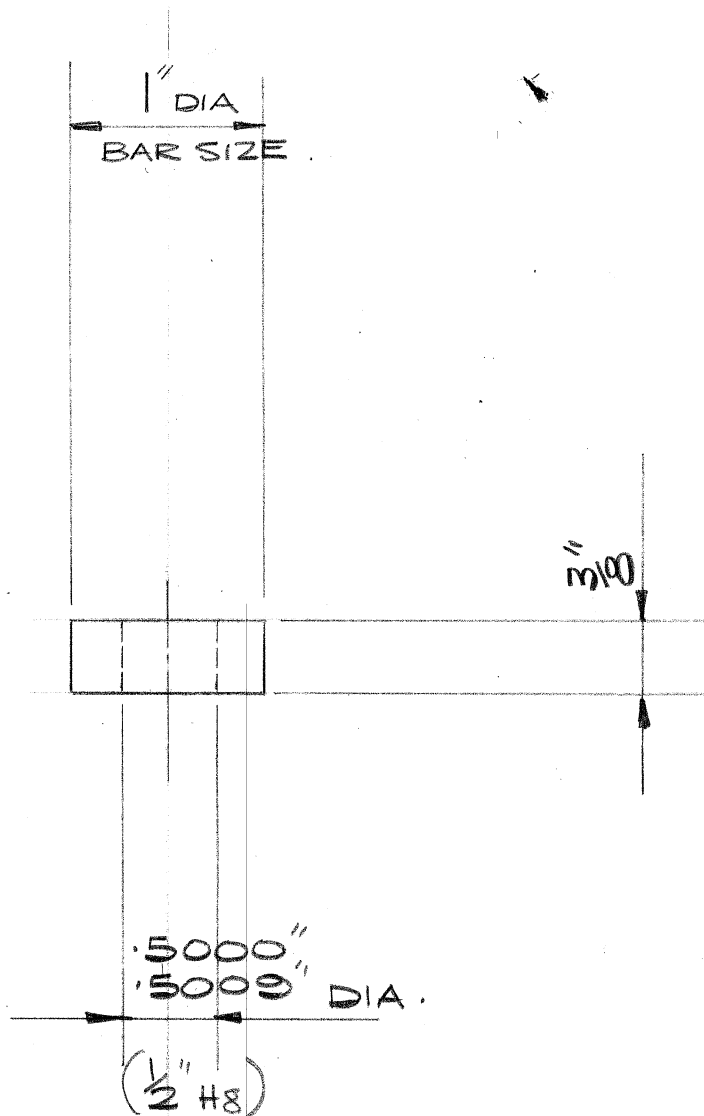
SCALE FULL x 2

DRAWING No.

ML115/1004.

IF IN DOUBT ASK

ALTERATIONS



LIMITS ON DIMENSIONS UNLESS
OTHERWISE STATED.

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

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

METAL LATHE GEAR BOX - COLLAR

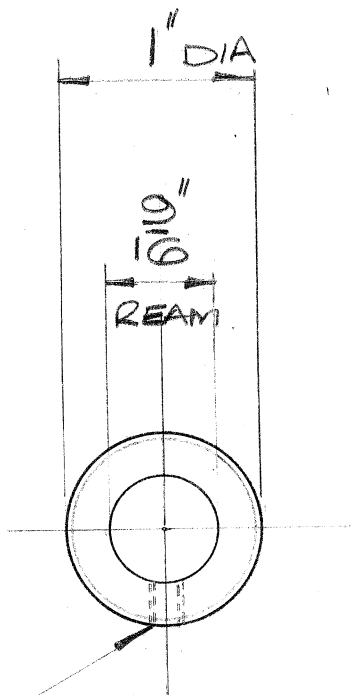
DENFORD MACHINE TOOLS LTD.
(Inc.) DENFORD SMALL TOOLS (BRIG) LTD.
BRIGHOUSE,
YORKSHIRE.

DRAWN mm
CHECKED
PASSED
DATE 20-4-77

MAT. EN1A
MAT. SIZE 1" DIA BAR x $\frac{5}{8}$ " LONG
No. REQD. SCALE FULL
DRAWING No. ML115/1005

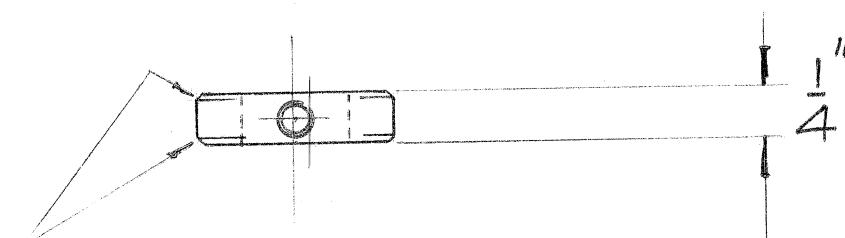
IF IN DOUBT ASK

ALTERATIONS



1 HOLE DRILL $\frac{5}{32}$ DIA $\neq$
TAP 2 B.A.

$\frac{1}{32}$ AT 45°



LIMITS ON DIMENSIONS UNLESS
OTHERWISE STATED.

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

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

METRICE ENGLISH GEARBOX - SLIDING GEAR SHAFT COLLAR

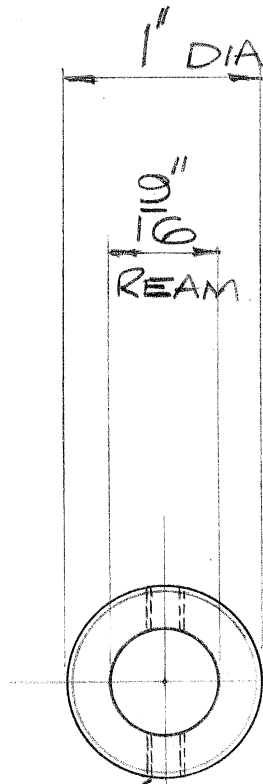
DENFORD MACHINE TOOLS LTD.
(Inc.) DENFORD SMALL TOOLS (BRIG) LTD.
BRIGHOUSE,
YORKSHIRE.

DRAWN *W*
CHECKED
PASSED
DATE 15.9.80

MAT. MILD STEEL
MAT. SIZE 1" DIA X 3/8"
No. REOD. ONE SCALE FULL
DRAWING No. ML 115/1006

IF IN DOUBT ASK

ALTERATIONS



2 HOLES DRILL 5/32 DIA &
TAP 2 B.A.

1/32 AT 45°

0.012"

LIMITS ON DIMENSIONS UNLESS
OTHERWISE STATED.

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

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

METRIC & ENGLISH GEARBOX - SLIDING GEAR SHAFT COLLAR

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

DRAWN IV
CHECKED
PASSED
DATE 15-9-80

MAT. MILD STEEL
MAT. SIZE 1" DIA x 1/2"
No. REOD. ONE SCALE FULL
DRAWING No. ML115/1007