ITEM NO.	PART NAME	PART DESCRIPTION	QTY.
1	███T-BP	R-PRESS BOTTOM PUNCH 1.248 DIA. X 4.500	1
2	███T-DC	R-PRESS DIE CAVITY 2.481 DIA. X 1.510	1
3	███1T-TP	R-PRESS TOP PUNCH 1.248 DIA. X 5.250	1

███-ASSY
R1

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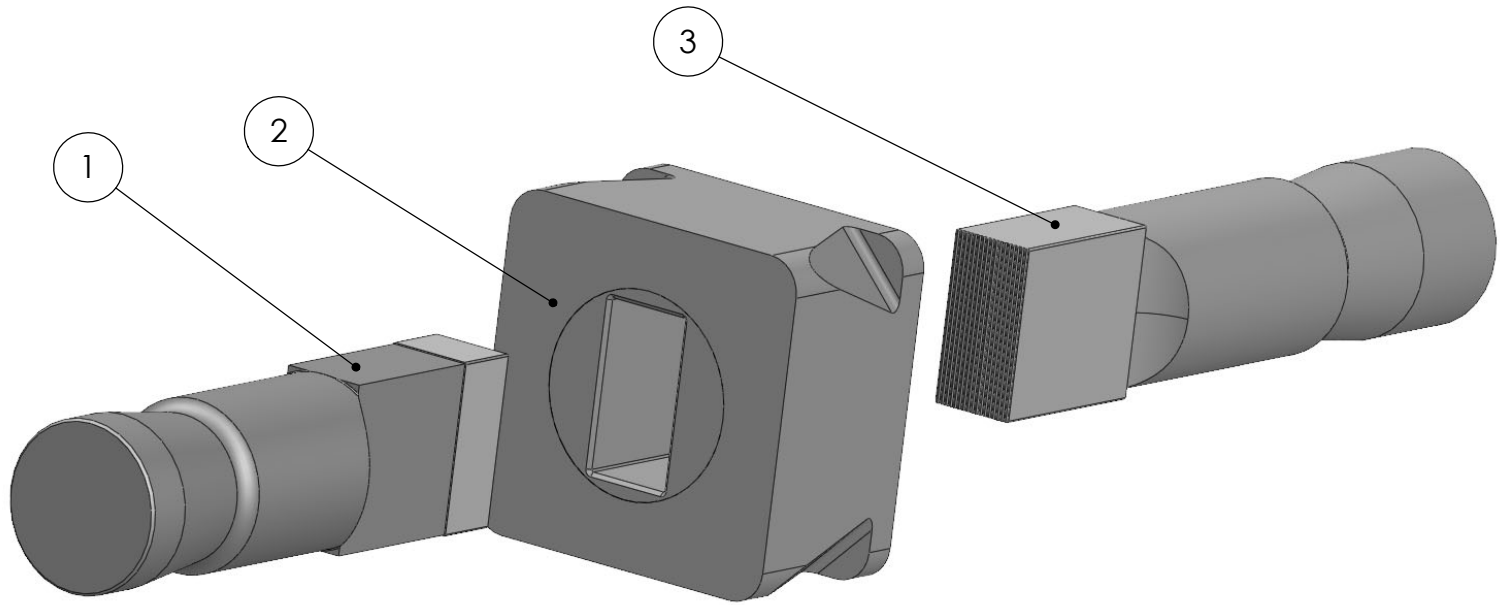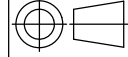
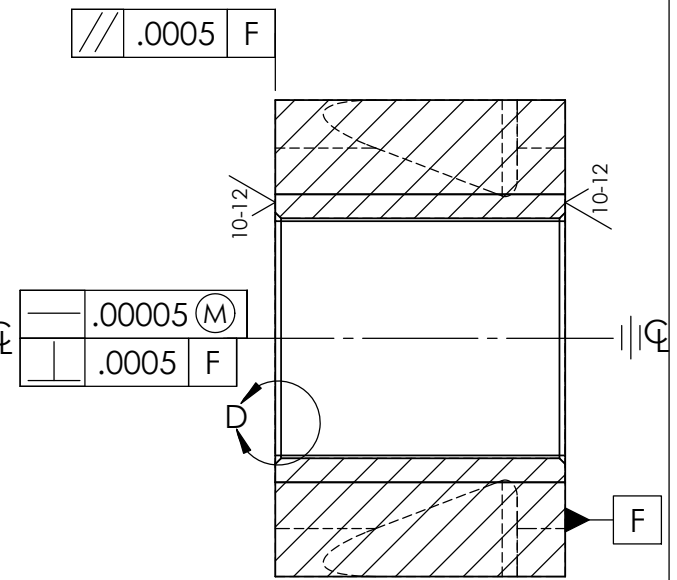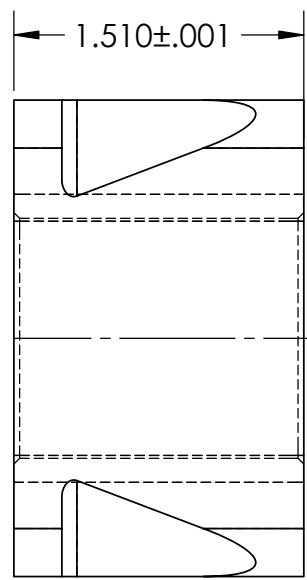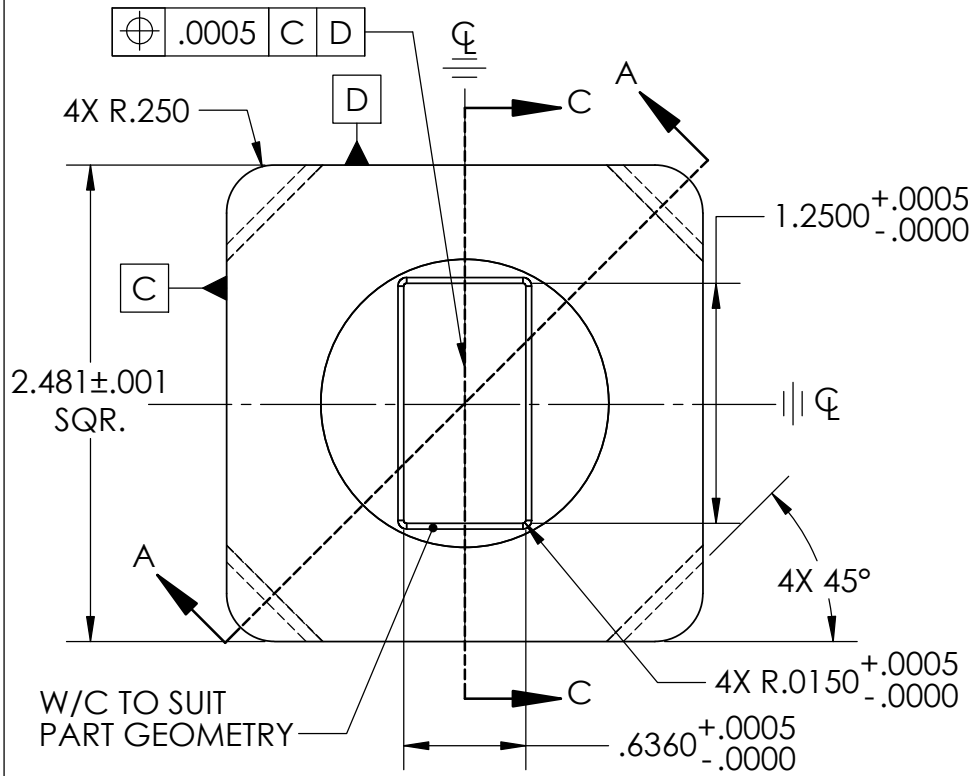| REV	INT	REVISION	YYYY-MM-DD	DCN
R1	NT	CREATE SOLDWORKS MODELS AND UPDATE THE DRAWING TO STD	2021-06-11	6082
R0	FC	REVISED SERR. ORIENTATION	1994-06-03	392
		REVISED BAR SERR.	1994-03-17	342
		ADDED BAR SERR.	1994-03-01	329
		REVISED AND REDAWN ON CAD	1993-11-11	0
		REMOVE 0.012 SERR.	1991-04-15	135

TITLE: ███T ASSY

DESCRIPTION: ███1T R-TOOLING ASSEMBLY

MATERIAL: REFER TO DRAWING
REFER TO DRAWING FOR SECONDARY MATERIALS

HARDNESS:

DATE CREATED: 2021-06-11

DRAWN BY: N. TRAN

CUST. PART #:

APPROVED BY

TOOL&DIE	DATE
ENGINEERING	DATE
N. TRAN DRAFTSMAN	2021-06-11 DATE

SHEET SIZE: A
SCALE: 2:3

TOLERANCES UNLESS SPECIFIED (INCHES)
.X   ±.030"
.XX   ±.010"
.XXX   ±.005"
.XXXX ±.0005"
ANGLES ±1°

SHEET 1 OF 4

4.500

2.551

1.750

| // | .0005 | A |
| ◻ | .0005 | |

A

$4X\ R.0145^{+.0000}_{-.0005}$

1.250

| ⌖ | .0005 | B |

.375 7°

.500

| ⊥ | .0005 | A |

$2X\ \varnothing 1.2480^{+.0005}_{-.0005}$

$1.2495^{+.0000}_{-.0005}$

⊥ ℄

℄

B

|‖| ℄

.020
45°

.015
.010 RELIEF

EDGES MUST BE
DEAD SHARP

$.6355^{+.0000}_{-.0005}$

BLEND RADIUS
1/8 REF.

BLEND RADIUS
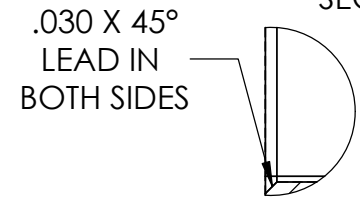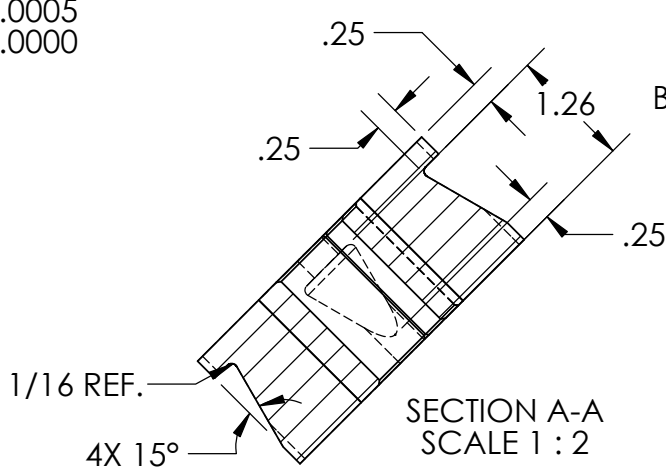TO SUIT

SHADED AREA
MUST BE
POLISHED 1-2
MICROINCHES

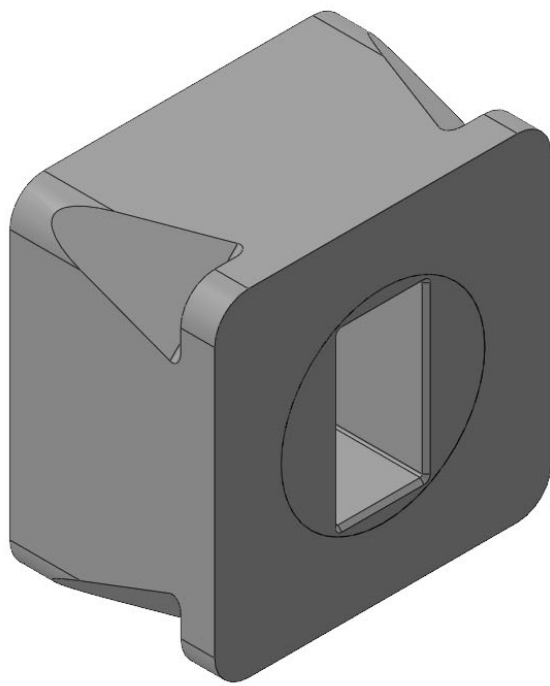**NOTE:**
1. NO SCRATCH OR TOOLING MARKS PERMITTED
2. ETCH: TOOL, REVISION & SERIAL NUMBER AROUND WHISTLE NOTCH

TITLE: ███ 1T-BP	**APPROVED BY**		SHEET SIZE: A SCALE: 1:1
DESCRIPTION: ███ T R-TOOLING BOTTOM PUNCH			
MATERIAL: A2 TOOL STEEL UNIFORM MATERIAL	TOOL & DIE	DATE	TOLERANCES UNLESS SPECIFIED (INCHES)
HARDNESS: 58-60 RC			.X ±.030"
DATE CREATED: 2021-06-11	ENGINEERING	DATE	.XX ±.010" .XXX ±.005"
DRAWN BY: N.TRAN			.XXXX ±.0005" ANGLES ±1°
CUST. PART #:	N. TRAN DRAFTSMAN	2021-06-11 DATE	SHEET 2 OF 4

⊕ | .0005 | C | D

4X R.250

D

C

A ← C

1.2500 +.0005 −.0000

2.481±.001 SQR.

A

W/C TO SUIT PART GEOMETRY

4X 45°

4X R.0150 +.0005 −.0000

.6360 +.0005 −.0000

C

1.510±.001

// | .0005 | F

10-12   10-12

— | .00005 Ⓜ
⊥ | .0005 | F

D

F

SECTION C-C

.25

.25

1.26

.030 X 45° LEAD IN BOTH SIDES

.25

1/16 REF.

4X 15°

SECTION A-A
SCALE 1 : 2

DETAIL D
SCALE 2 : 1

NOTE:
1. NO SCRATCH OR TOOLING MARKS PERMITTED
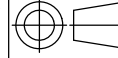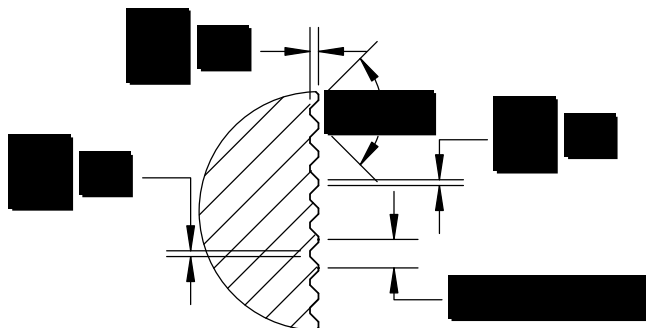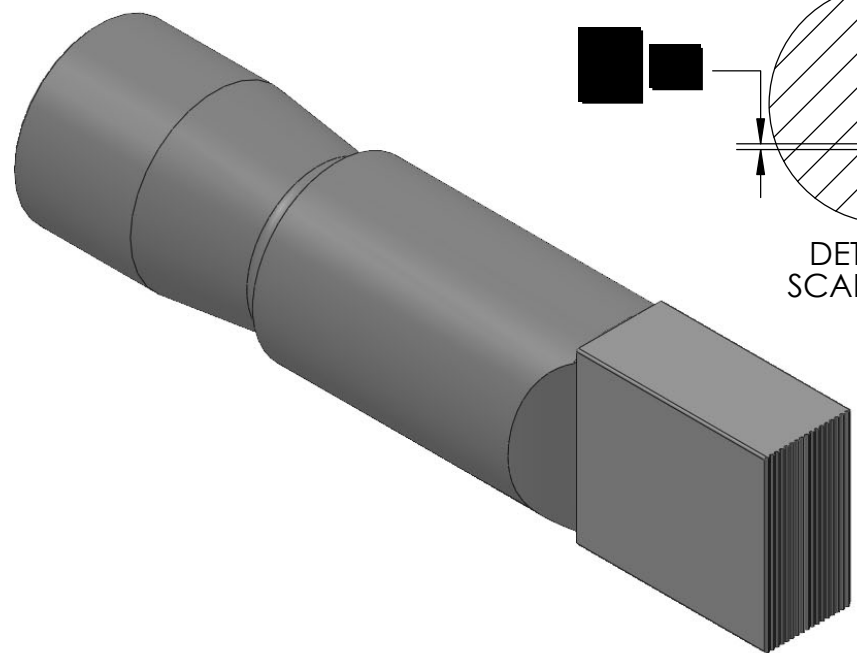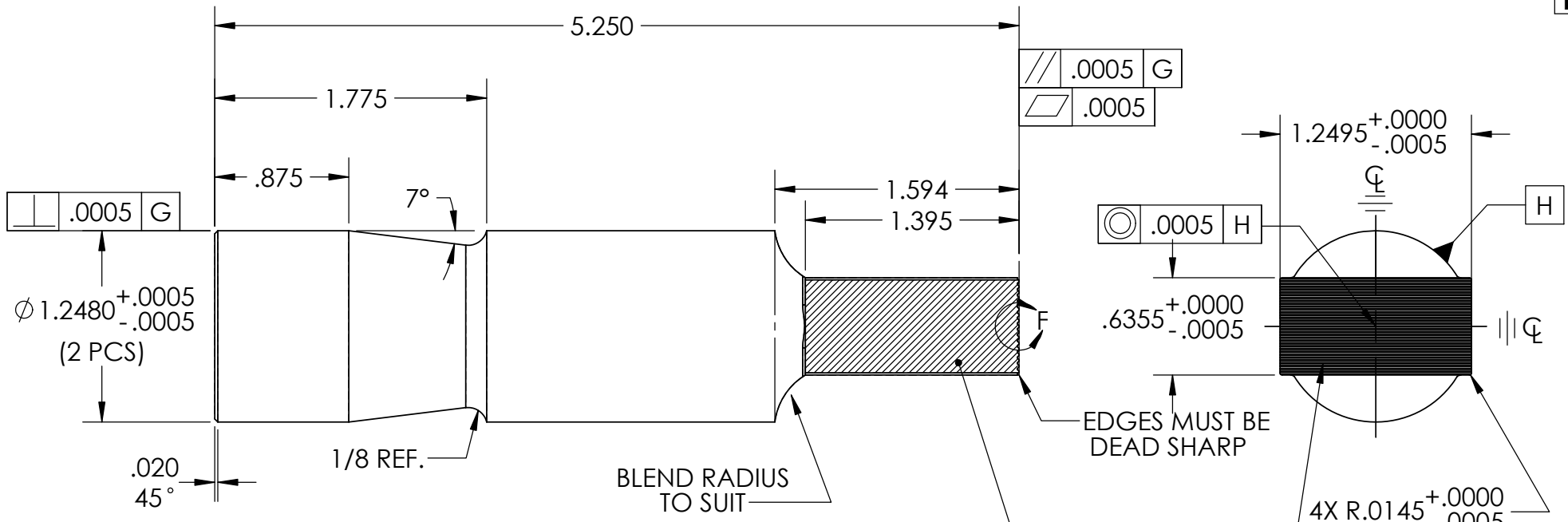2. ETCH: TOOL, REVISION & SERIAL NUMBER ON SIDE

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TITLE: T-DC	APPROVED BY		SHEET SIZE: A SCALE: 1:1
DESCRIPTION: R TOOLING DIE CAVITY			
MATERIAL: A2 TOOL STEEL UNIFORM MATERIAL	TOOL & DIE	DATE	TOLERANCES UNLESS SPECIFIED (INCHES)
HARDNESS: 58-60 RC			.X ±.030" .XX ±.010" .XXX ±.005"
DATE CREATED: 2021-06-11	ENGINEERING	DATE	.XXXX ±.0005" ANGLES ±1°
DRAWN BY: N. TRAN	N. TRAN	2021-06-11	
CUST. PART #:	DRAFTSMAN	DATE	SHEET 3 OF 4

5.250

1.775

.875

7°

// .0005 G
▱ .0005

1.2495 +.0000 / -.0005

⟂ .0005 G

◎ .0005 H

H

⌖ 1.2480 +.0005 / -.0005
(2 PCS)

1.594

1.395

.6355 +.0000 / -.0005

F

|||| ℄

.020
45°

1/8 REF.

F

EDGES MUST BE
DEAD SHARP

BLEND RADIUS
TO SUIT

SHADED AREA
MUST BE
POLISHED 1-2
MICROINCHES

4X R.0145 +.0000 / -.0005

DETAIL F
SCALE 4 : 1

NOTE:
1. NO SCRATCH OR TOOLING MARKS PERMITTED
2. ETCH: TOOL, REVISION & SERIAL NUMBER AROUND WHISTLE NOTCH

TITLE: EC531T-TP	APPROVED BY		SHEET SIZE: A SCALE: 1:1
DESCRIPTION: ▮▮▮ T-TP TOOLING TOP PUNCH			
MATERIAL: A2 TOOL STEEL UNIFORM MATERIAL	TOOL & DIE	DATE	TOLERANCES UNLESS SPECIFIED (INCHES)
HARDNESS: 58-60 RC			.X ±.030"
			.XX ±.010"
DATE CREATED: 2021-06-11	ENGINEERING	DATE	.XXX ±.005"
			.XXXX ±.0005"
DRAWN BY: N. TRAN			ANGLES ±1°
CUST. PART #:	N. TRAN DRAFTSMAN	2021-06-11 DATE	SHEET 4 OF 4