

TOLERANCE UNLESS NOTED:
 DECIMAL
 $.XXX \pm .005$
 $.XX \pm .01$
 FRACTIONAL $\pm 1/64$
 ANGULAR $\pm 1^\circ$

DWG BY: COOK

DATE: 11/02/21

CHK BY:

MATL: DELRIN

CAMDEN COUNTY COLLEGE

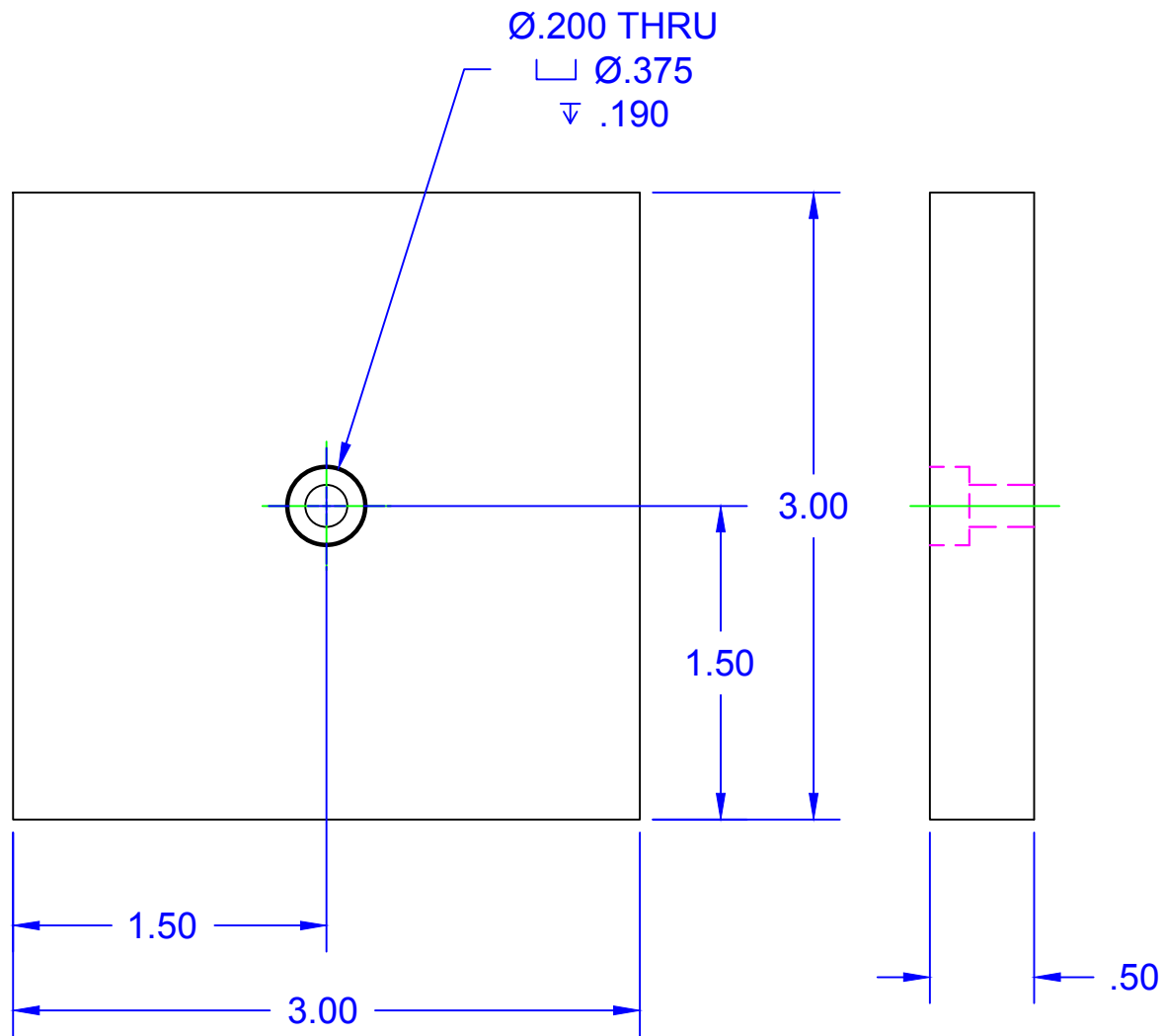
TITLE: WASHER FOR AIR ENGINE

SIZE
A

DWG NO: CAD-101-P01-01

SCALE: 2:1

SHEET 1 OF 10



TOLERANCE UNLESS NOTED:
 DECIMAL
 .XXX±.005
 .XX±.01
 FRACTIONAL ± 1/64
 ANGULAR ± 1°

DWG BY: COOK

DATE: 11/2/2021

CHK BY:

MATL: T6061-T8

CAMDEN COUNTY COLLEGE

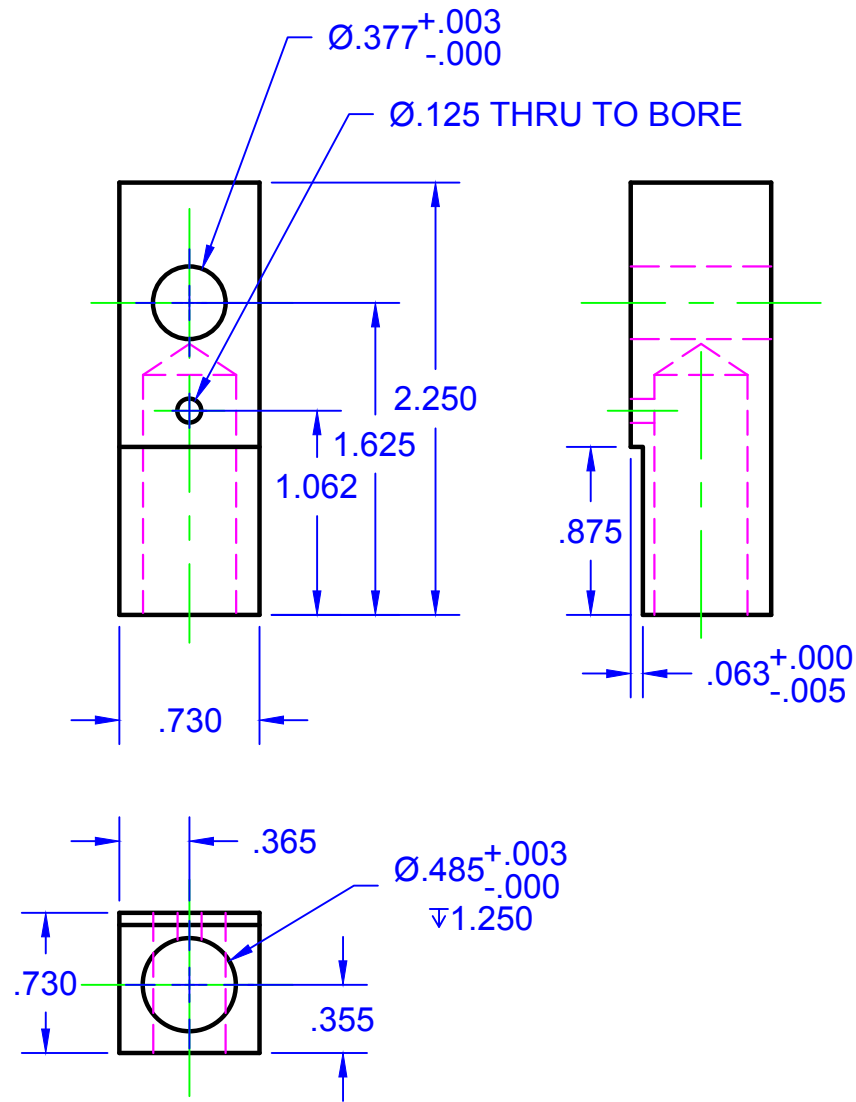
TITLE: BASE FOR AIR ENGINE

SIZE
 A

DWG NO: CAD-101-P01-02

SCALE: 1:1

SHEET 2 OF 10



TOLERANCE UNLESS NOTED:
 DECIMAL
 .XXX \pm .005
 .XX \pm .01
 FRACTIONAL \pm 1/64
 ANGULAR \pm 1°

DWG BY: COOK

DATE: 11/2/2021

CHK BY:

MATL: 6160-T6

CAMDEN COUNTY COLLEGE

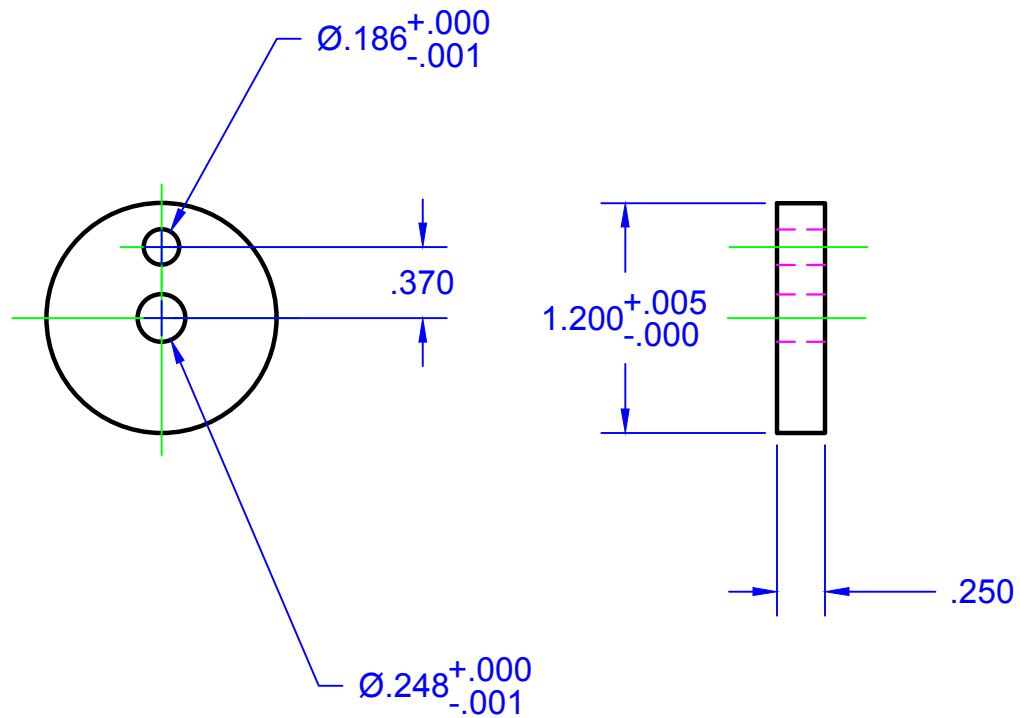
TITLE: CYLINDER FOR AIR ENGINE

SIZE
A

DWG NO: CAD-101-P01-03

SCALE: 1:1

SHEET 3 OF 10



TOLERANCE UNLESS NOTED:
DECIMAL
.XXX \pm .005
.XX \pm .01
FRACTIONAL \pm 1/64
ANGULAR \pm 1°

DWG BY: COOK

DATE: 1/1/21

CHK BY:

MATL: 12L14 STEEL

CAMDEN COUNTY COLLEGE

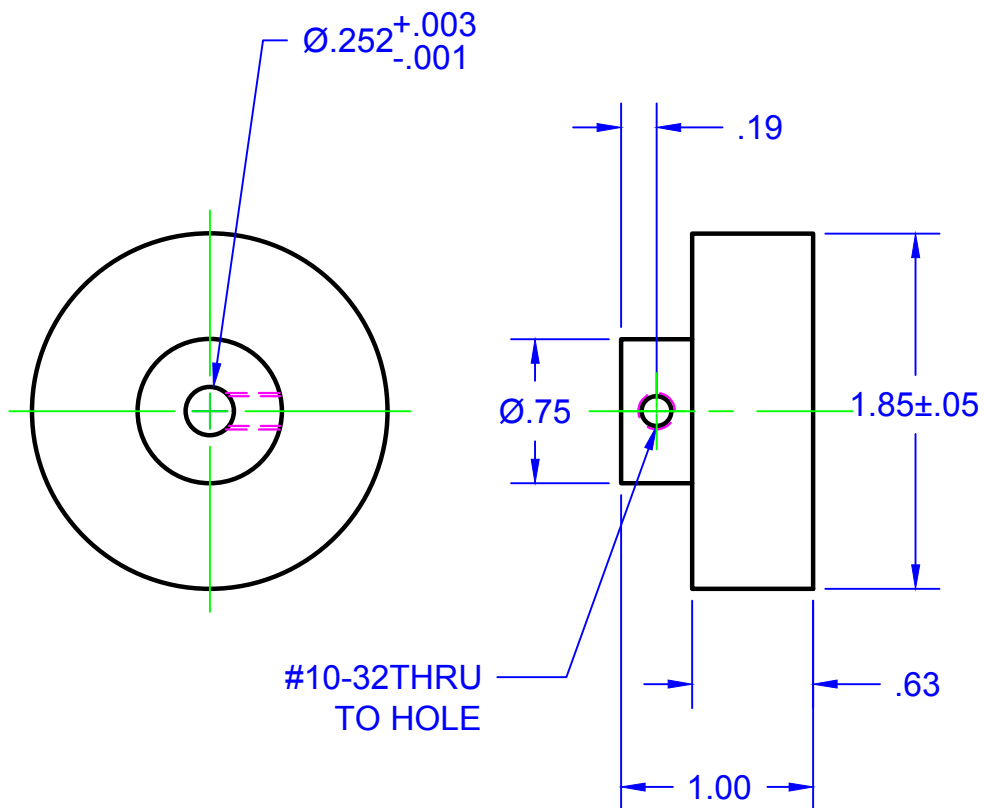
TITLE: CRANKSHAFT FOR AIR ENGINE

SIZE
A

DWG NO: CAD-101-P01-04

SCALE: 1:1

SHEET 4 OF 10



TOLERANCE UNLESS NOTED:
 DECIMAL
 .XXX \pm .005
 .XX \pm .01
 FRACTIONAL \pm 1/64
 ANGULAR \pm 1°

DWG BY: COOK

DATE: 11/07/2021

CHK BY:

MATL: 10L25 CRS

CAMDEN COUNTY COLLEGE

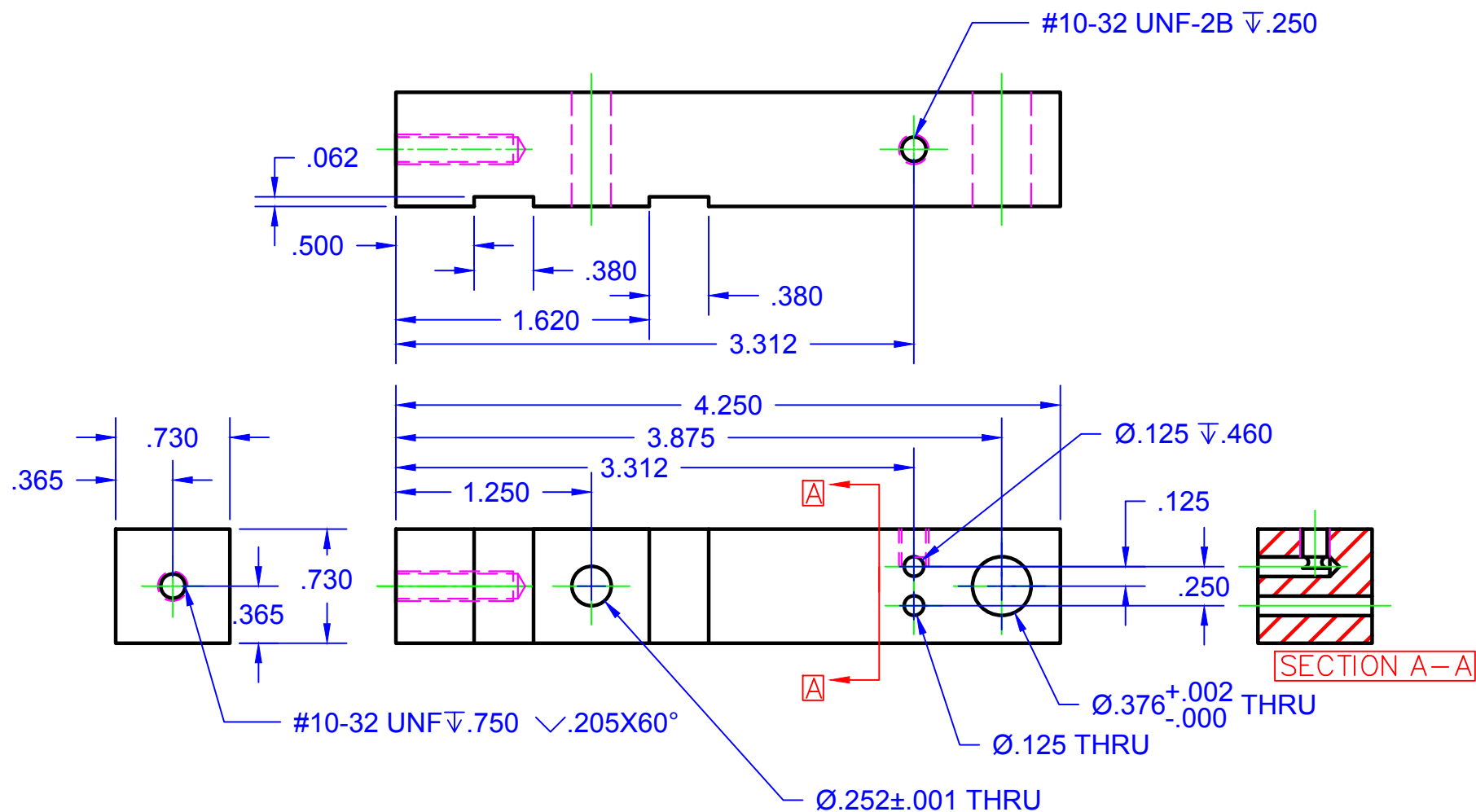
TITLE: FLYWHEEL FOR AIR ENGINE

SIZE
A

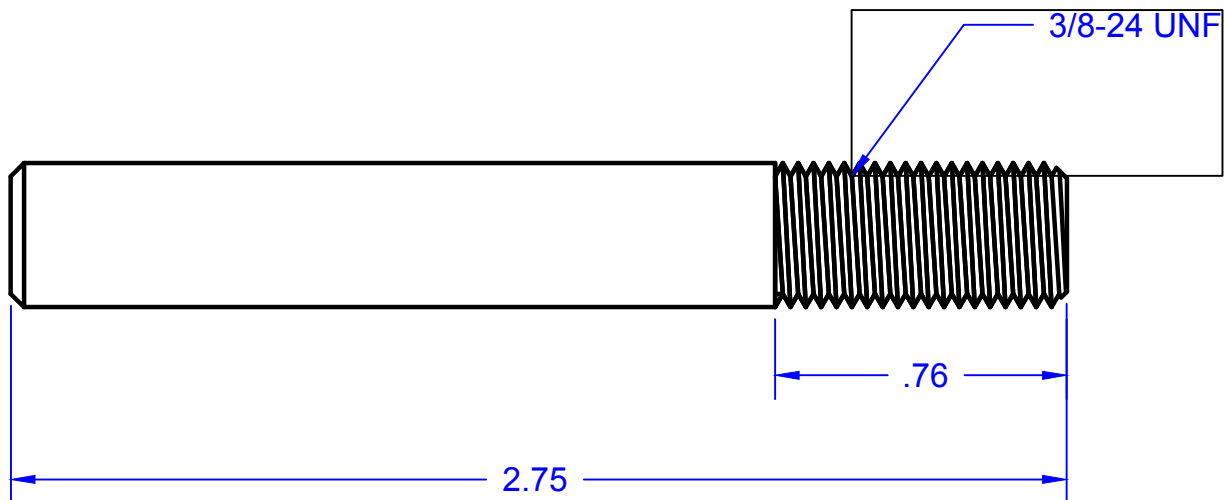
DWG NO: CAD-101-03-P01-05

SCALE: 1:1

SHEET 10 OF 10



| | | | | |
|--|-----------------|--|---------------------------|-------------------------|
| TOLERANCE UNLESS NOTED: DECIMAL .XXX \pm .005 .XX \pm .01 FRACTIONAL $\pm 1/64$ ANGULAR $\pm 1^\circ$ | DWG BY:COOK | | CAMDEN COUNTY COLLEGE | |
| | DATE:11/02/2021 | | TITLE:BODY FOR AIR ENGINE | |
| | CHK BY: | | DWG NO:CAD-101-P01-06 | |
| | MATL:ALUMINUM | | SIZE B | SCALE:1:1 SHEET 6 OF 10 |



TOLERANCE UNLESS NOTED:
 DECIMAL
 .XXX±.005
 .XX±.01
 FRACTIONAL ± 1/64
 ANGULAR ± 1°

DWG BY: COOK

DATE: 11/2/2021

CHK BY:

MATL: STEEL

CAMDEN COUNTY COLLEGE

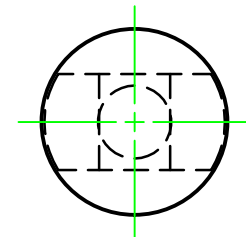
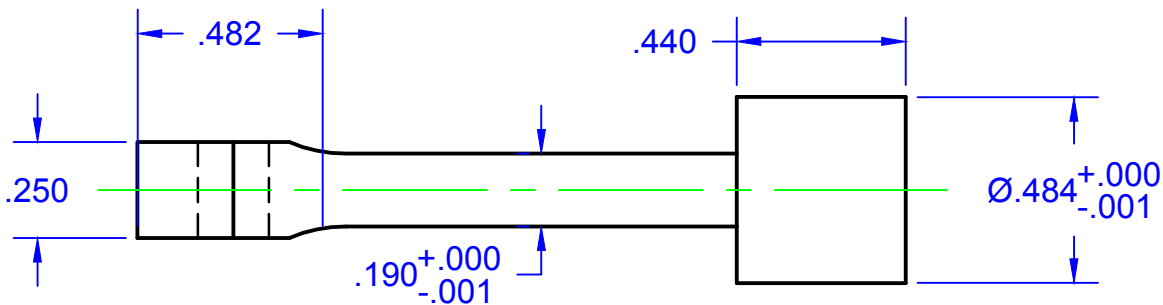
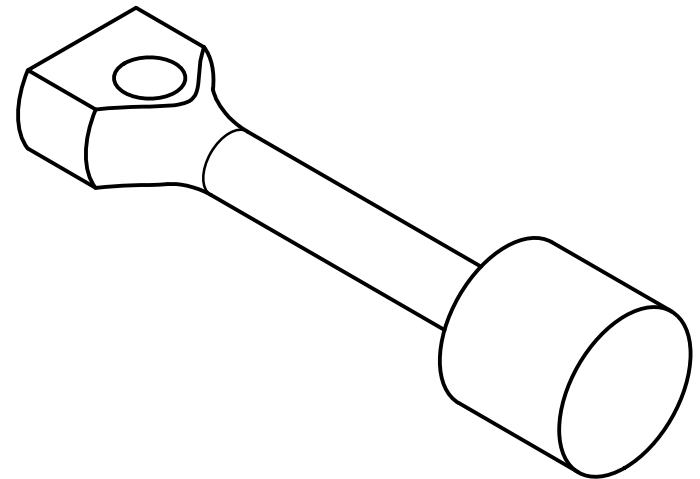
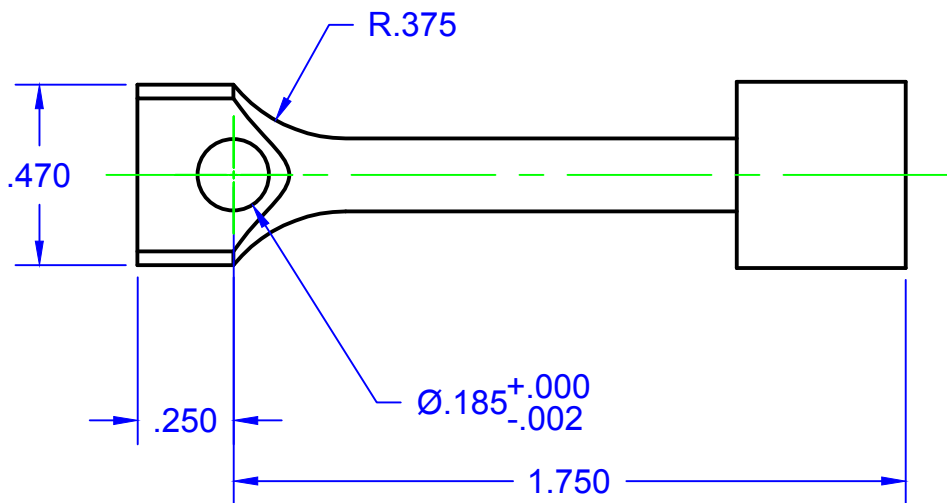
TITLE: SHAFT FOR AIR ENGINE

SIZE
A

DWG NO: CAD-101-P01-07

SCALE: 2:1

SHEET 7 OF 10



TOLERANCE UNLESS NOTED:
 DECIMAL
 .XXX \pm .005
 .XX \pm .01
 FRACTIONAL $\pm 1/64$
 ANGULAR $\pm 1^\circ$

DWG BY: COOK

DATE: 11/4/2021

CHK BY:

MATL: BRASS

CAMDEN COUNTY COLLEGE

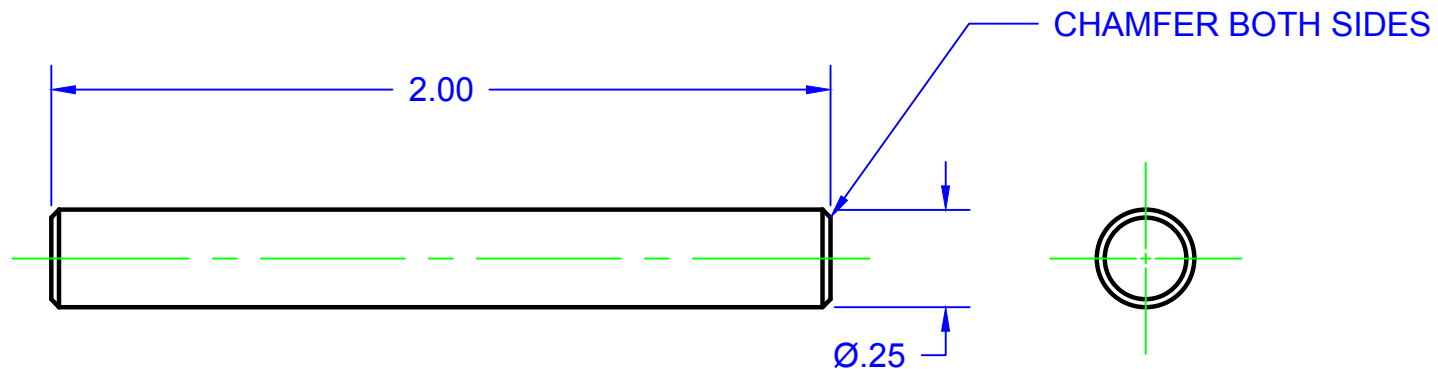
TITLE: PISTON FOR AIR ENGINE

SIZE
A

DWG NO: CAD-101-P01-08

SCALE: 2:1

SHEET 8 OF 10



TOLERANCE UNLESS NOTED:
 DECIMAL
 .XXX±.005
 .XX±.01
 FRACTIONAL ± 1/64
 ANGULAR ± 1°

DWG BY: COOK

DATE: 11/02/2021

CHK BY:

MATL: STEEL ALLOY

CAMDEN COUNTY COLLEGE

TITLE: CRANKSHAFT FOR AIR ENGINE

SIZE
A

DWG NO: CAD-101-P01-09

SCALE: 2:1

SHEET 9 OF 10

| HARDWARE | | |
|----------|----------------------------------|-------|
| NO | DESCRIPTION | REQ'D |
| 5 | .187 STEEL DOWEL .500 LONG | 1 |
| 4 | 10-32 SET SCREW .500 LONG | 1 |
| 3 | SPRING- .032 SPRING WIRE .5 LONG | 1 |
| 2 | 3/8-24 HEX NUT | 1 |
| 1 | 10-32 SOCKET CAP SCREW 1.25 LONG | 1 |

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DWG BY: COOK

DATE: 11/02/21

CHK BY:

MATL: SEE TABLE

CAMDEN COUNTY COLLEGE

TITLE: HARDWARE FOR AIR ENGINE

SIZE
A

DWG NO: CAD-101-P01-10

SCALE: NONE

SHEET 10 OF 10