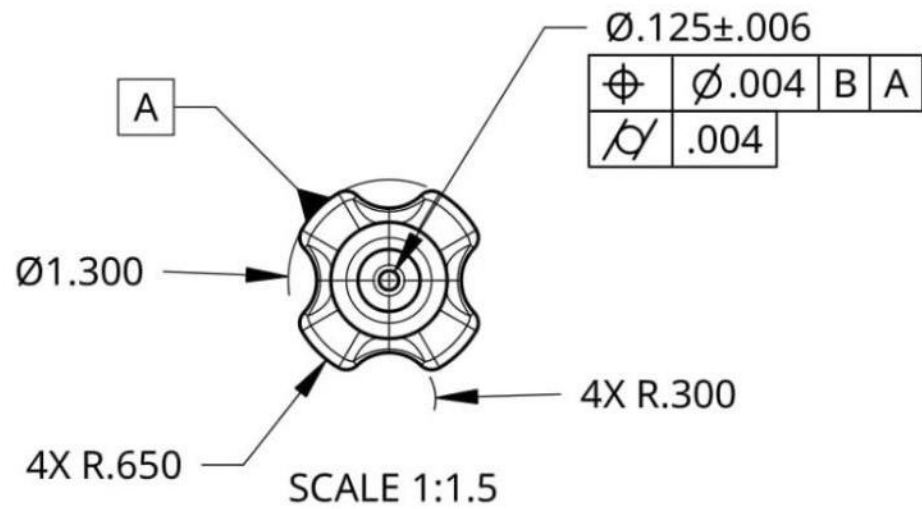


B

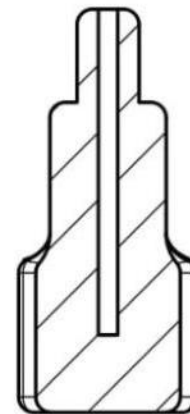
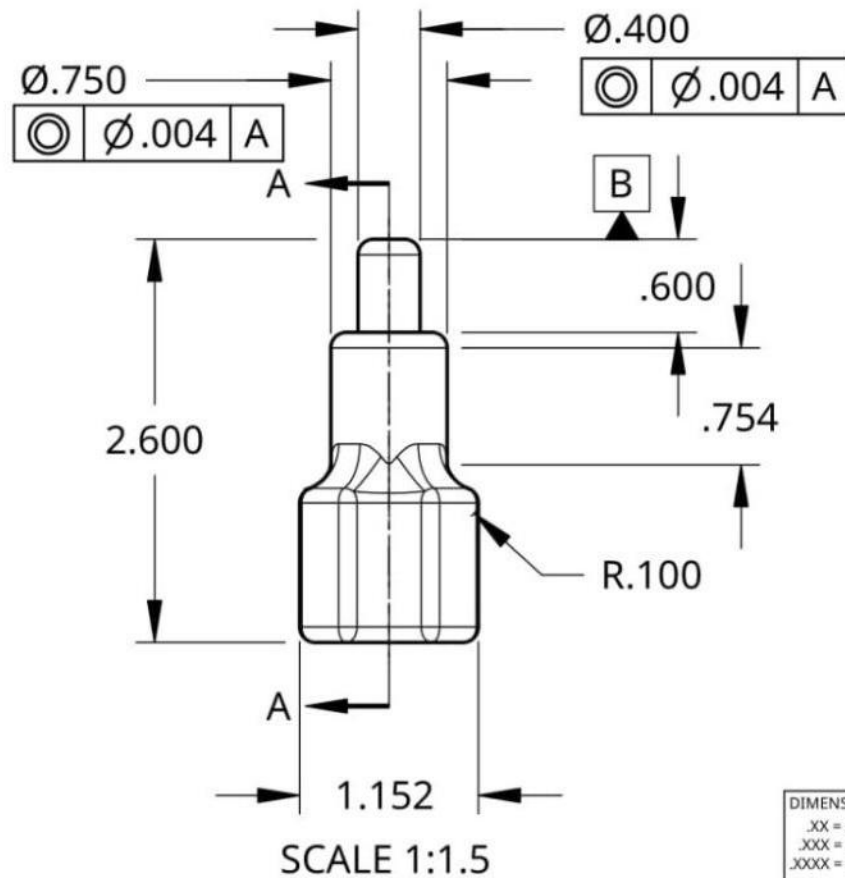
A

B

A



SCALE 1:2



SECTION A - A
SCALE 1:1.5

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BEARS. ANY REPRODUCTION IN PART OR AS
A WHOLE WITHOUT THE WRITTEN
PERMISSION OF BIG BEARS IS PROHIBITED.

DIMENSIONS ARE IN INCHES .XX = ±.05 .XXX = ±.005 .XXXX = ±.0005 ANGULAR = ± °	
DO NOT SCALE DRAWING	
INTERPRET TOLERANCES PER ASME Y14.5M-1994	
THIRD ANGLE PROJECTION	

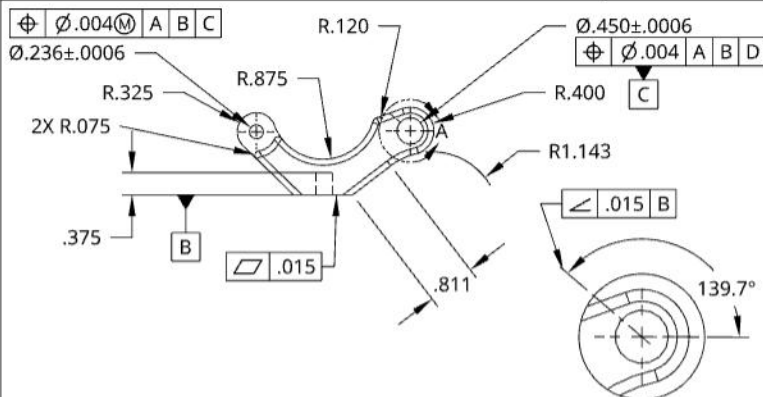


	NAME	DATE
DRAWN	S. MIRZA	11/9/2022
CHECKED		
APPROVED		
MATERIAL	FINISH	

COMMENTS 1. ALL UNNAMED FILLETS ARE ASSUMED TO BE R.100		
TITLE 1 - THUMB SCREW FASTENER		
SIZE A	DWG NO.	REV.
SCALE	WEIGHT	SHEET

2

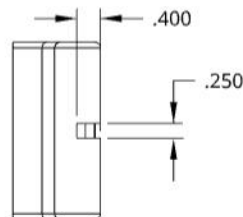
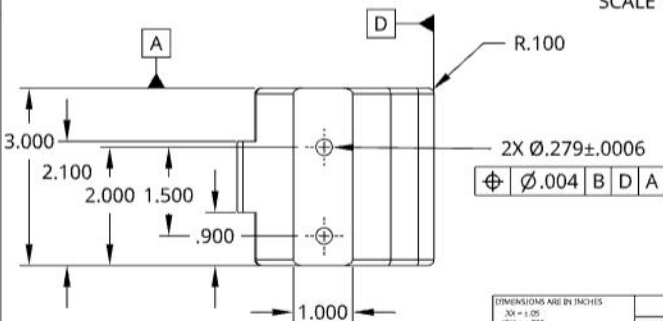
1



DETAIL A
SCALE 1:1

COMMENTS:

1. ALL CURVES ARE TANGENTIAL TO EACH OTHER
2. UNDIMENSIONED FILLETS ARE TO BE ASSUMED AS R.100
3. THREADED HOLES ASSUMED TO HAVE 20 TPI



DIMENSIONS ARE IN INCHES
30 ± .05
30X ± .005
30X ± .005
ANGULAR ± .5°
SURFACE FINISH:
Y14.5M-1994

DO NOT SCALE DRAWING

INTERPRET TOLERANCES PER ASME

Y14.5M-1994

THIRD ANGLE PROJECTION



DATE	NAME	DATE
11/9/2022	D. TORRES	
12/5/2022	A. PHUNG	
12/6/2022	S. MIRZA	

MATERIAL	FINISH
ABS PLASTIC	

Group 1014

2 - CLAMP BASE

SCALE	REVISION	SHEET
A 1:2		

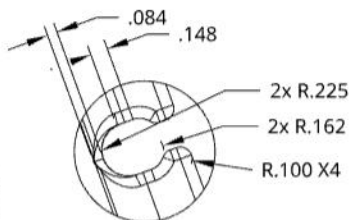
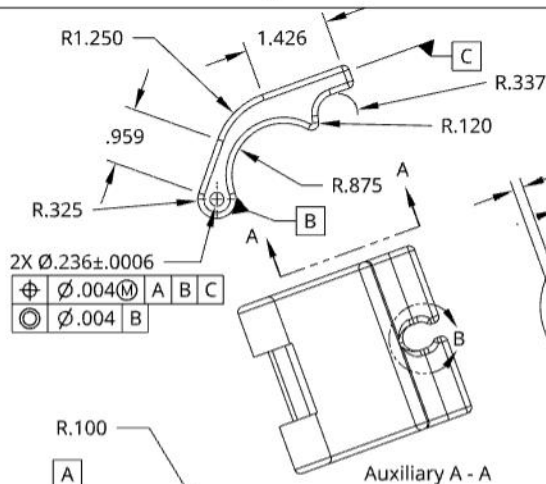
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1

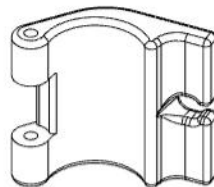
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PERMISSION OF B&B BEARING IS PROHIBITED

2

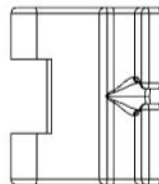
1



DETAIL B
SCALE 1:1



COMMENTS:
 1. ALL CURVES ARE TANGENTIAL TO EACH OTHER
 2. UNDIMENSIONED FILLETS ARE TO BE ASSUMED AS R.100



DIMENSIONS ARE IN INCHES
 .XX = .05
 .XXX = .005
 .XXXX = .0005

DO NOT SCALE DRAWING

INTERPRET TOLERANCES PER ASME
 Y14.5M-1994

THIRD ANGLE PROJECTION



NAME	DATE	Group 1014	
DRAWN D. TORRES	11/9/2022	TITLE 3 - FRONT CLAMP	
CHECKED A. PHUNG	12/5/2022		
APPROVED S. MIRZA	12/6/2022		
MATERIAL ABS PLASTIC	FINISH	DWG NO A	PAGE 1
SCALE 1:2	WEIGHT	PREF	

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2

1

2

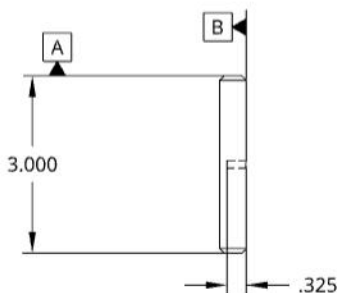
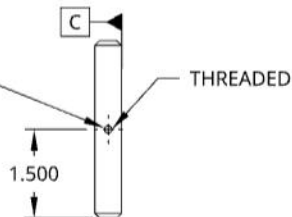
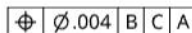
1

 $\varnothing.450 \pm .0007$ 

SCALE 1:1

COMMENTS:

1. CHAMFERS ARE TO BE ASSUMED AS 45 DEGREES
2. THREADED HOLES ASSUMED TO HAVE 20 TPI

 $\varnothing.125 \pm .0006$ 

DIMENSIONS ARE IN INCHES
 .001 = 1/1000
 .001 = 1/1000
 .001 = 1/1000

NAME	DATE
D. TORRES	11/9/2022
A. PHUNG	12/5/2022
S. MIRZA	12/6/2022

Group 1014

TITLE
4 - THREADED PIN HOLDER

DO NOT SCALE DRAWING

INTERPRET TOLERANCES PER ASME Y14.5M-1994

THIRD ANGLE PROJECTION



MATERIAL

ABS PLASTIC

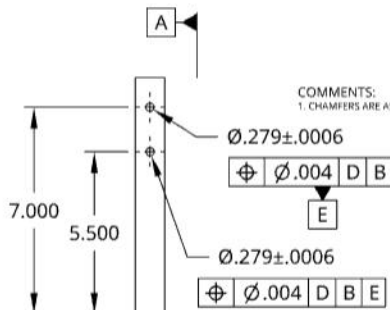
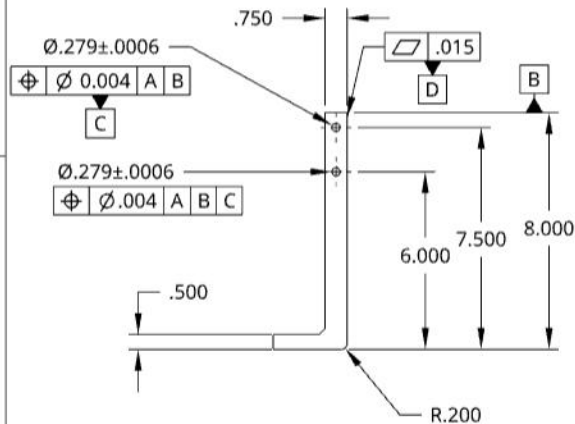
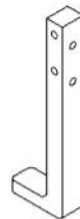
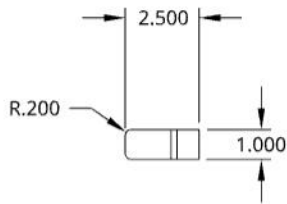
FINISH

DATE	DESIGNED	REV.
A		
SCALE	WISDOM	SHEET
1:2		

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2

1



COMMENTS:
1. CHAMFERS ARE ASSUMED TO BE 45 DEGREES

DIMENSIONS ARE IN INCHES
AS = 0.005
XXX = 0.005
XXXX = 0.0005
ANGULAR = 1/2°

NAME	DATE
C. SUWOKO	11/10/2022
CHECKED	A. PHUNG
APPROVED	S. MIRZA

Group 1014
5 - Spine

DO NOT SCALE DRAWING

INTERPRET TOLERANCES PER ASME Y14.5M-1994

THIRD ANGLE PROJECTION

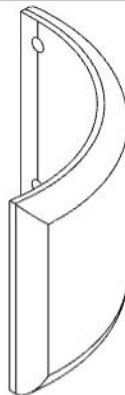
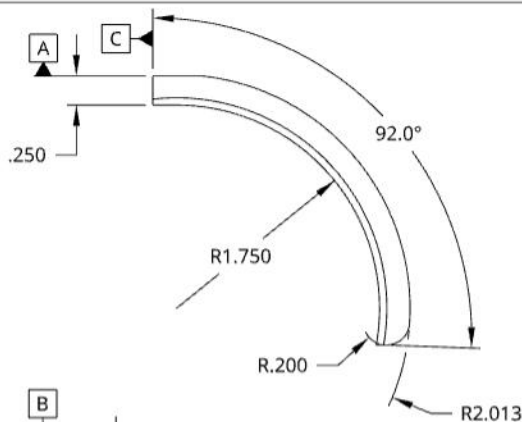


MATERIAL	FINISH	SCALE	DATE	REVISION	REMARKS
ABS PLASTIC		1:4	A		

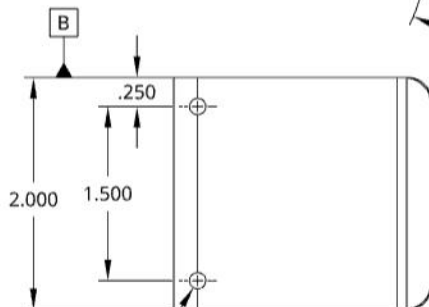
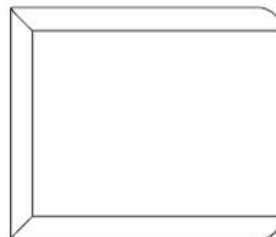
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2

1



COMMENTS:
1. ALL NONE LABELED FILETS ASSUMED TO BE .200



$\varnothing .141 \pm .001 \times 2$

$\varnothing .004 (M)$ A B C

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES

$XX = \pm .05$

$XXX = \pm .005$

$XXXX = \pm .0005$

ANGULAR = $\pm .3$

FRACTIONAL = $\pm .3$

DO NOT SCALE DRAWING

BREAK ALL SHARP EDGES AND
REMOVE BURRS

THIRD ANGLE PROJECTION



NAME	DATE
DRAWN: E. BERMUDEZ	11/18/2022
CHECKED: S. MIRZA	12/5/2022
APPROVED: S. MIRZA	12/6/2022

MATERIAL
ABS PLASTIC

Group 1014

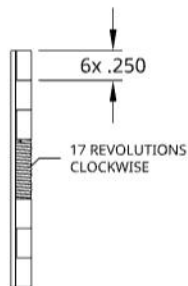
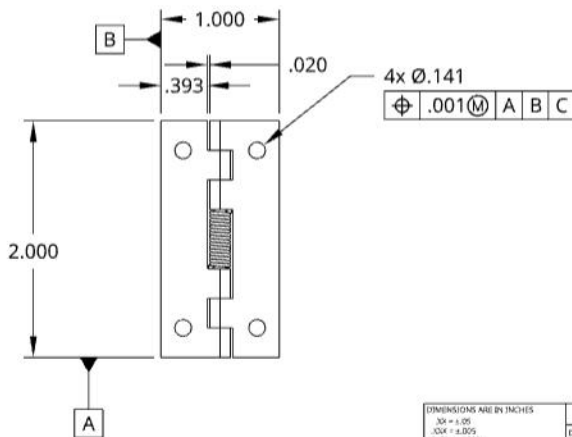
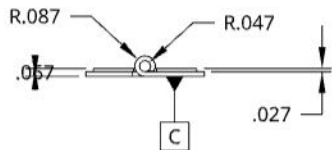
6 - CUP CLAMP JAW

DATE	DWG NO	REV
A		
SCALE	REDUCT	DIST
1:2		

2

1

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CONVERSIONS ARE IN INCHES
 .001" = .0254
 .005" = .127
 .010" = .254
 .020" = .508
 .050" = 1.27
 .100" = 2.54
 .150" = 3.81
 .200" = 5.08
 .250" = 6.35
 .300" = 7.62
 .350" = 8.89
 .400" = 10.16
 .450" = 11.43
 .500" = 12.7
 .550" = 13.97
 .600" = 15.24
 .650" = 16.51
 .700" = 17.78
 .750" = 19.05
 .800" = 20.32
 .850" = 21.59
 .900" = 22.86
 .950" = 24.13
 1.000" = 25.4

DO NOT SCALE DRAWING

INTERPRET TOLERANCES PER ASME
 Y14.5M-1994

THIRD ANGLE PROJECTION



NAME	DATE
D. TORRES	11/5/2022
S. MIRZA	12/5/2022
S. MIRZA	12/6/2022

MATERIAL	FINISH
BRASS	

Group 1014	TITLE
7 - Spring Loaded Hinge	
SCALE	WIDHT
SHEET	

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