


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	Back Plate	
2	2	MountRotater	
3	1	MainMount	
4	1	Mounting Template	
5	2	98671A190_BLACK LUSTER STEEL AND IRON WING NUTS	STEP AP203
6	1	91251A342_BLACK-OXIDE ALLOY STEEL SOCKET HEAD CAP SCREW	STEP AP203
7	1	90044A120_BLACK-OXIDE ALLOY STEEL SOCKET HEAD CAP SCREW	STEP AP203
8	3	90107A011_TYPE 316 STAINLESS STEEL FLAT WASHER	STEP AP203




UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING
INTERPRET DIMENSIONS AND TOLERANCES
PER ASME Y14.5M-1994
DIMENSIONS ARE IN INCHES
TOLERANCES APPLY AS SHOWN BELOW

1 PL DEC	± 0.02
2 PL DEC	± 0.01
3 PL DEC	± 0.005
4 PL DEC	± 0.001
ANGLES	± 0.1°
SURFACE ROUGHNESS	63 µ in

THIRD ANGLE PROJECTION



PROPRIETARY

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CUSTOMER _____

PROJECT _____

DRAWN BY _____ DATE 5/28/2019

CHECKED BY _____ DATE _____

APPROVED _____ DATE _____

TITLE

SAMPLE ASSEMBLY AND EXPLODED VIEW

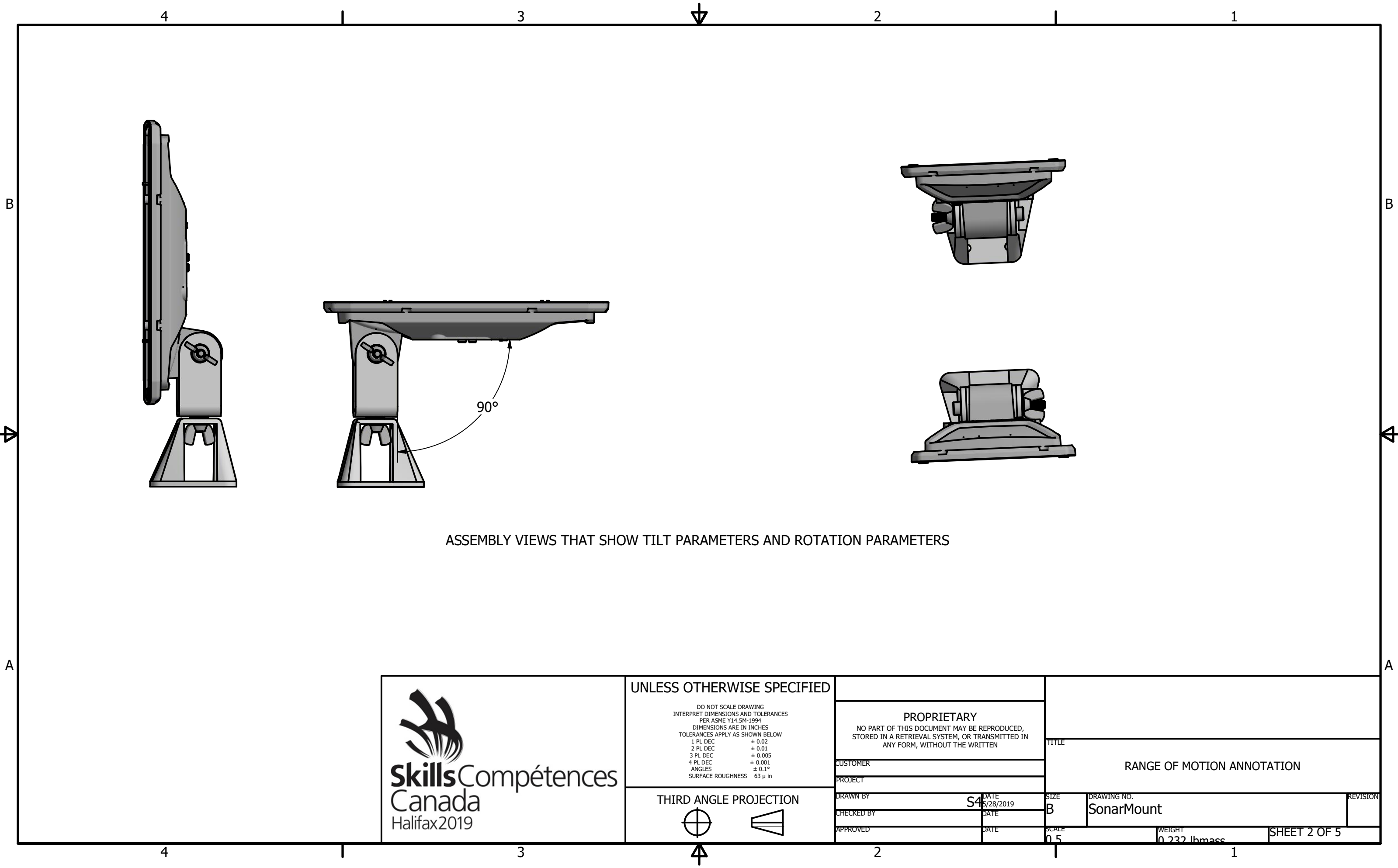
DRAWING NO. SonarMount

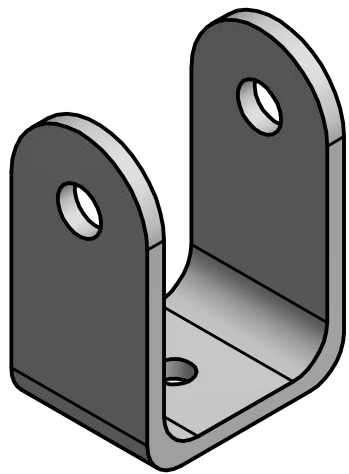
REVISION _____

SCALE 1 / 2

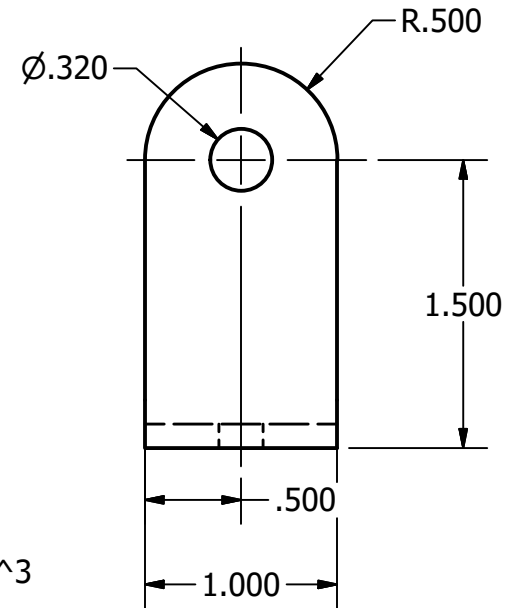
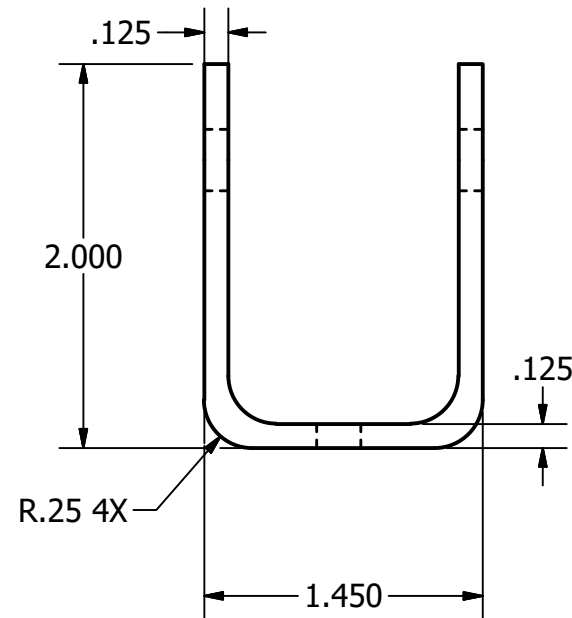
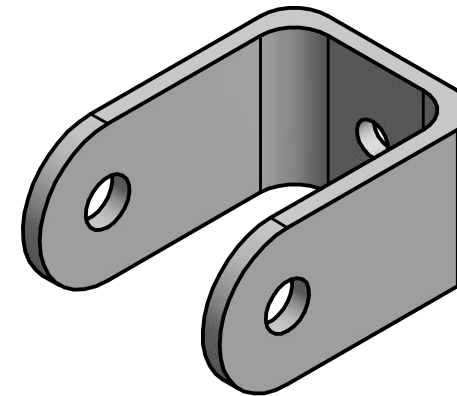
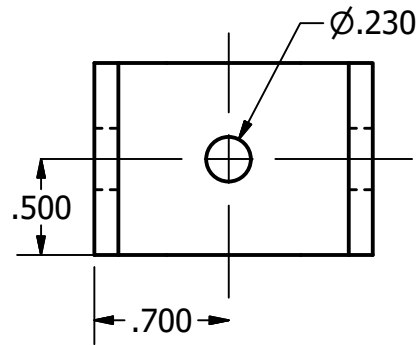
WEIGHT 0.232 lbmass

SHEET 1 OF 5





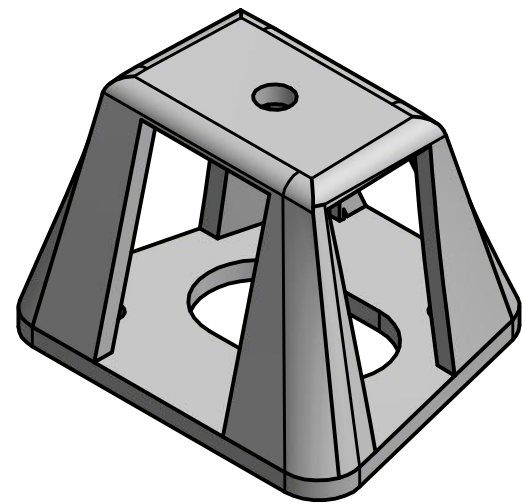


3D PRINT ORIENTATION

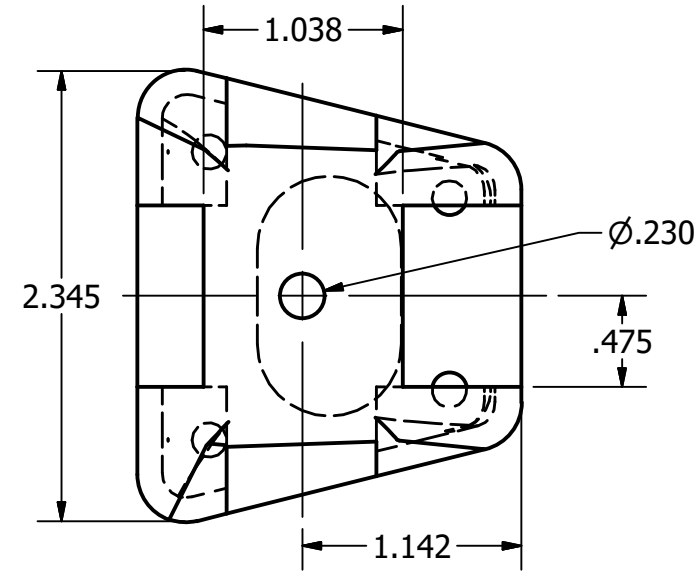
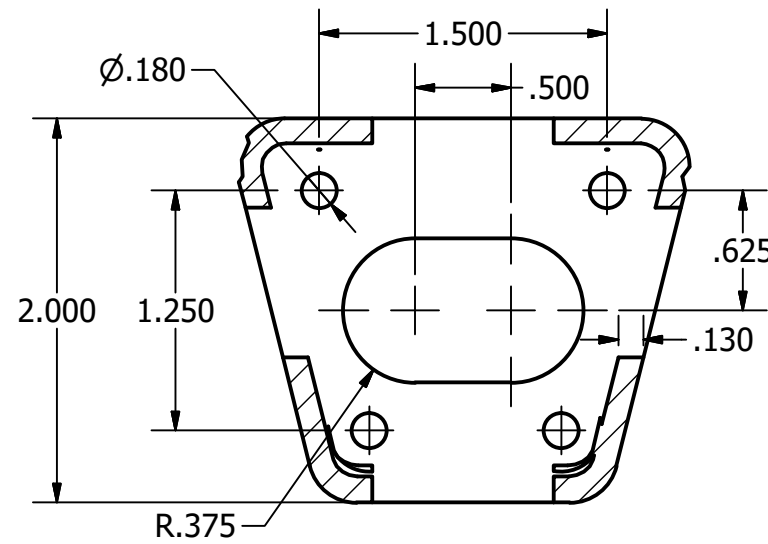


PART VOLUME = 9797.418 mm³

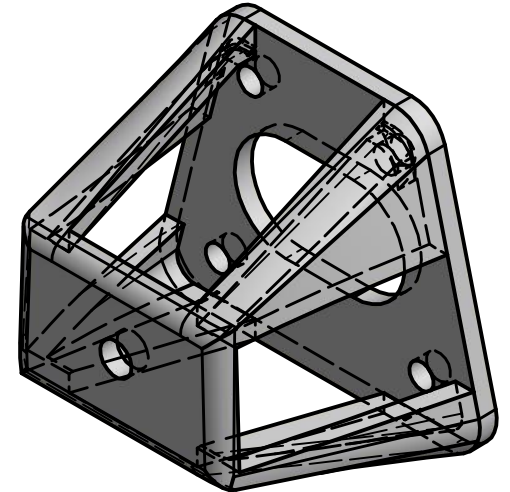
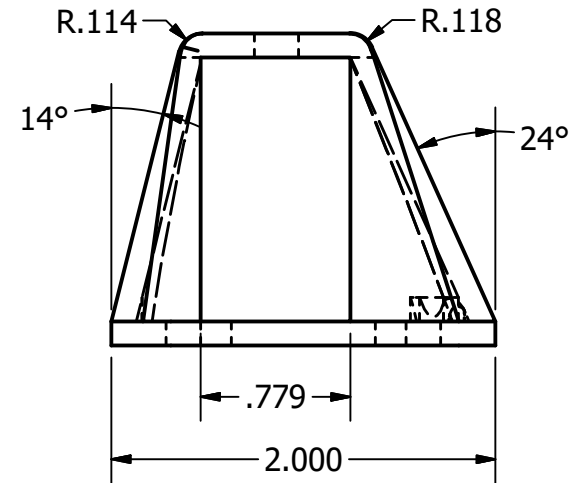
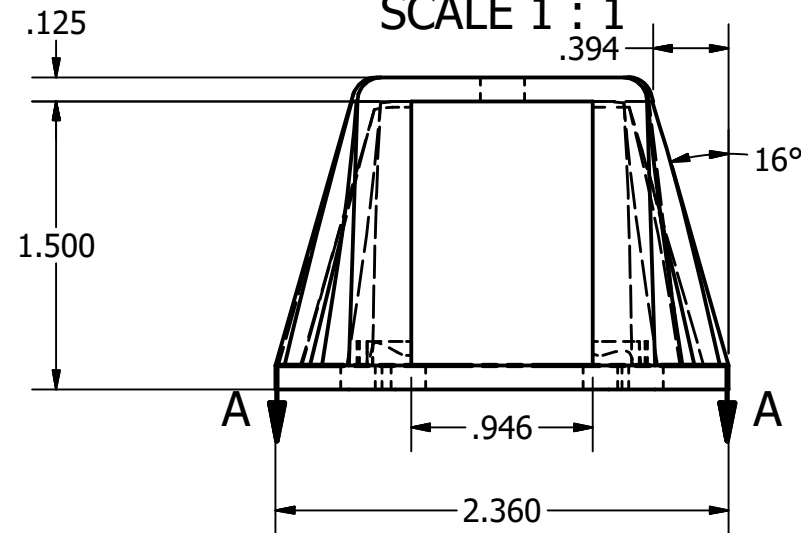
	UNLESS OTHERWISE SPECIFIED			
	DO NOT SCALE DRAWING INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 DIMENSIONS ARE IN INCHES TOLERANCES APPLY AS SHOWN BELOW 1 PL DEC ± 0.02 2 PL DEC ± 0.01 3 PL DEC ± 0.005 4 PL DEC ± 0.001 ANGLES ± 0.1° SURFACE ROUGHNESS 63 µ in		PROPRIETARY NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM, OR TRANSMITTED IN ANY FORM, WITHOUT THE WRITTEN	
	THIRD ANGLE PROJECTION 		CUSTOMER PROJECT DRAWN BY CHECKED BY APPROVED	
			DATE 5/28/2019 DATE DATE	
		SIZE B	DRAWING NO. SonarMount	REVISION
		SCALE 1 : 1	WEIGHT 0.023 lbmass	SHEET 3 OF 5



3D PRINT ORIENTATION



SECTION A-A
SCALE 1 : 1



PART VOLUME = 16112.322
mm³



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4 PL DEC ± 0.001
ANGLES ± 0.1°
SURFACE ROUGHNESS 63 µ in

THIRD ANGLE PROJECTION



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PROJECT

DRAWN BY

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APPROVED

DATE

DATE

DATE

TITLE

MOUNT BASE ANNOTATION

SIZE

SCALE

WEIGHT

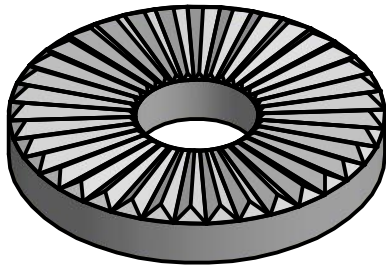
DRAWING NO.

REVISION

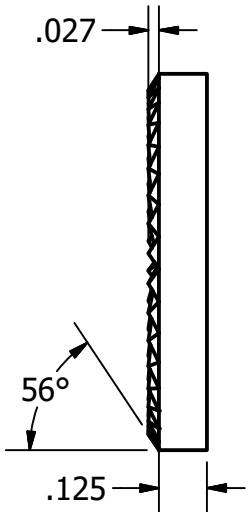
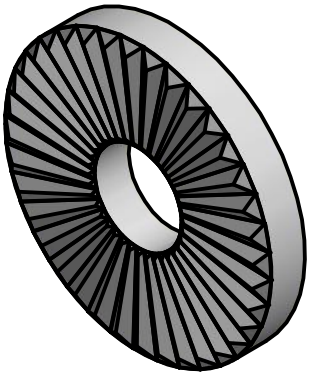
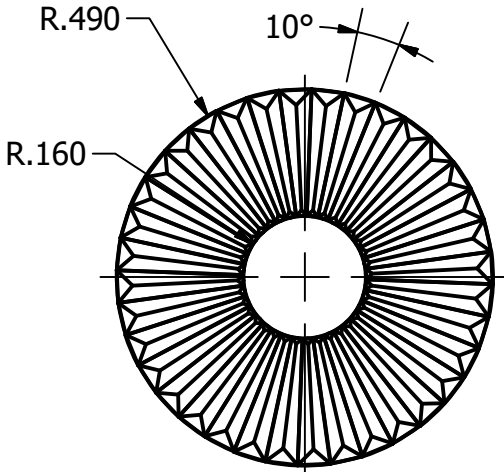
SHEET 4 OF 5

0.038 lbmass

SHEET 4 OF 5



3D PRINT ORIENTATION



PART VOLUME = 1487.204 mm³



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4 PL DEC ± 0.001
ANGLES ± 0.1°
SURFACE ROUGHNESS 63 μ in

THIRD ANGLE PROJECTION



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CUSTOMER

PROJECT

DRAWN BY

CHECKED BY

APPROVED

DATE

DATE

DATE

TITLE

ROTATOR LOCK ANNOTATION

SIZE

SCALE

DRAWING NO.

SonarMount

REVISION

WEIGHT

10.001 lbmass

SHEET 5 OF 5