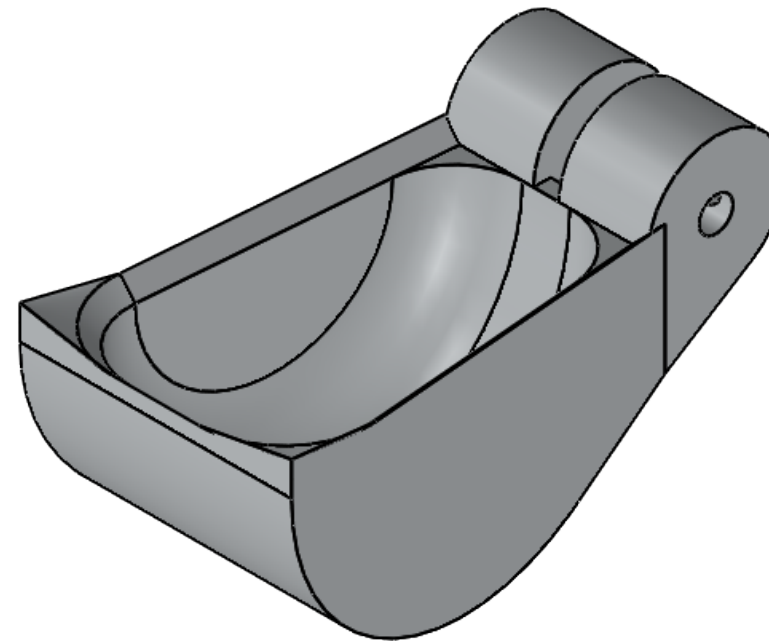
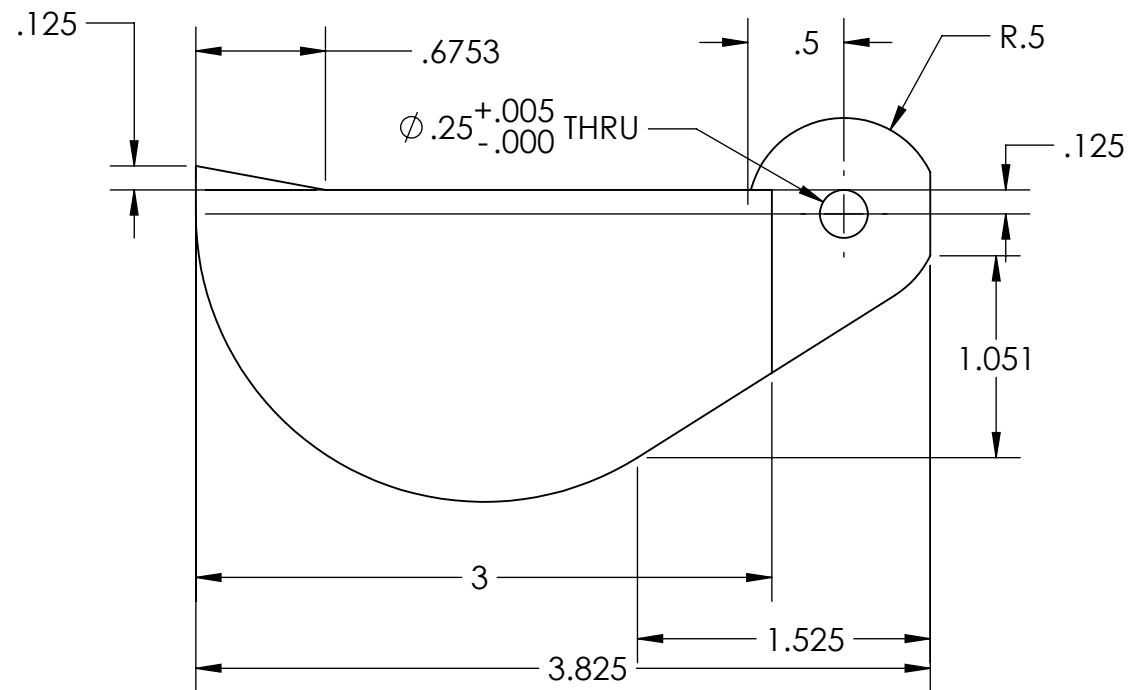
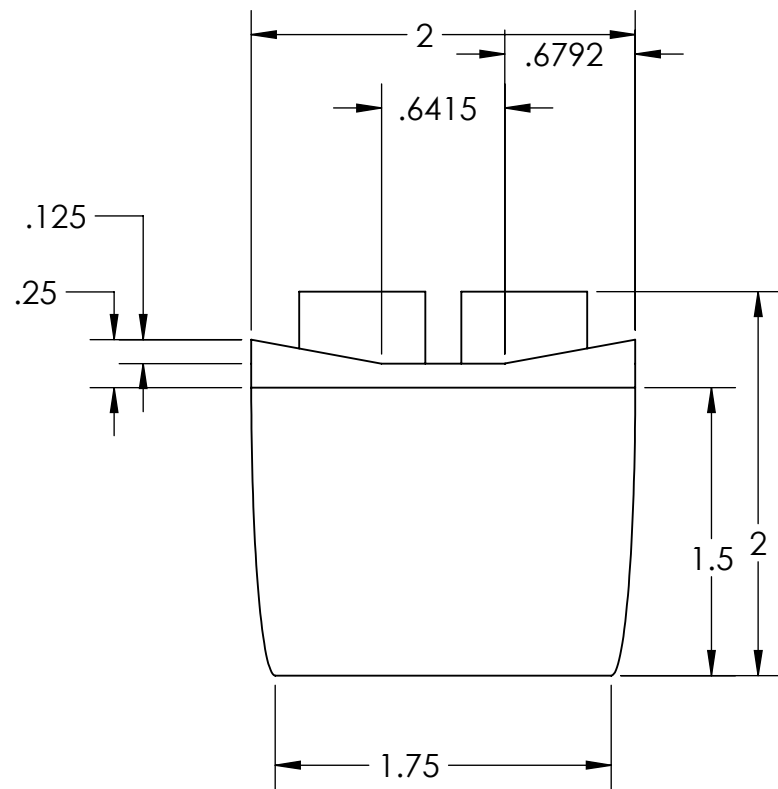
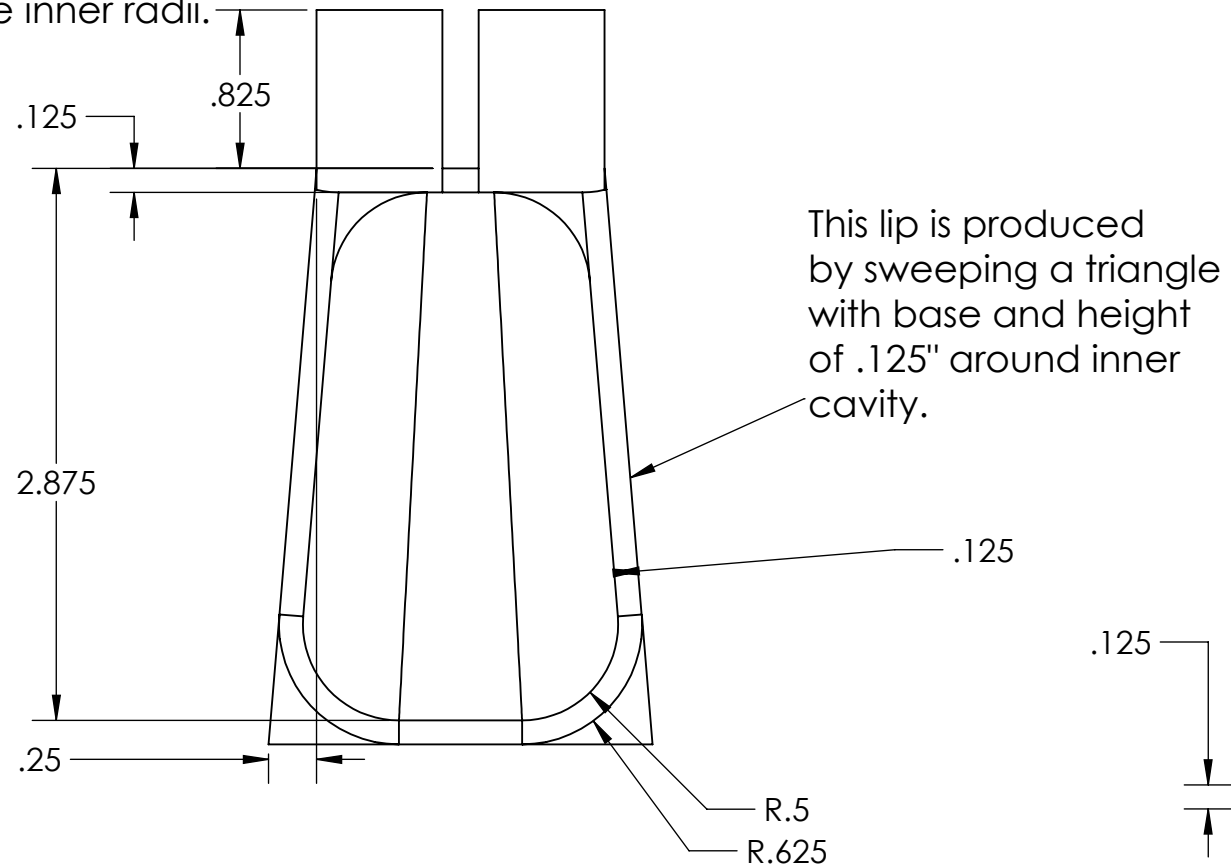

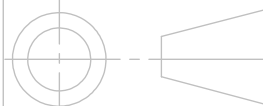
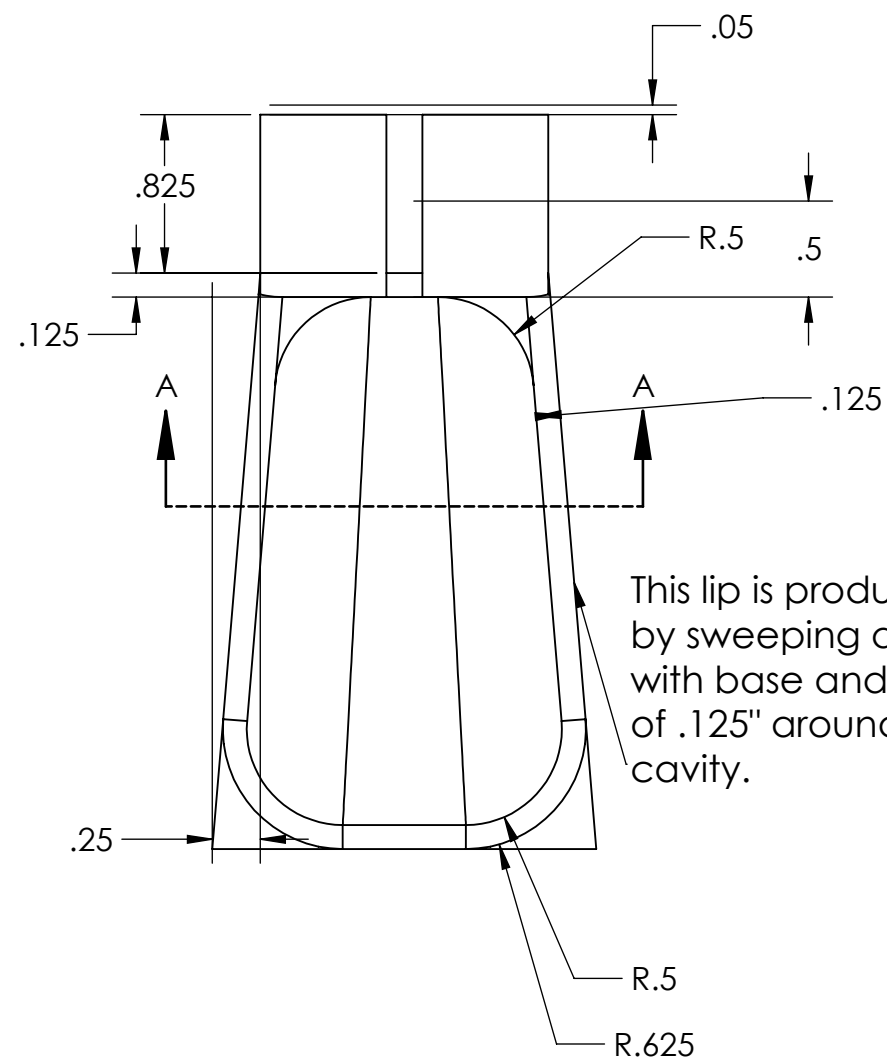


Should probably use
1/2" ball end mill
to produce inner radii.

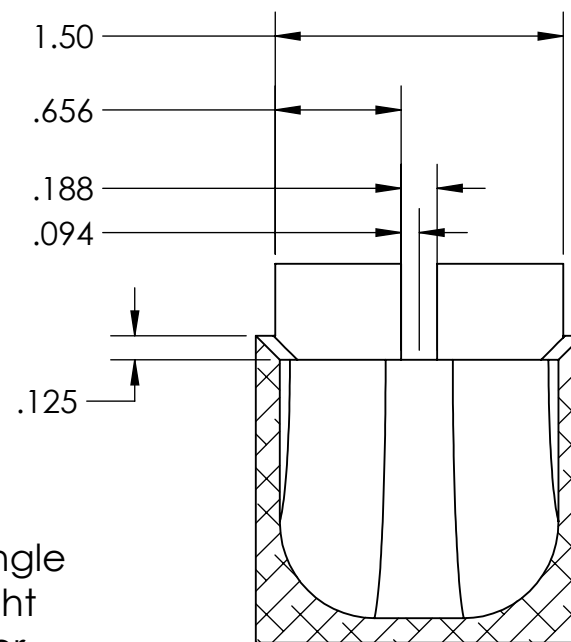


UNLESS OTHERWISE SPECIFIED:			NAME Ryan G.		DATE 1/4/20		TITAN ROVER						
DIMENSIONS ARE IN INCHES TOLERANCES: ± 0.005			DRAWN			CHECKED			Checked by				
			ENG APPR.										
			MFG APPR.										
INTERPRET GEOMETRIC TOLERANCING PER:			Q.A.						SYSTEM: Science				
MATERIAL: 6061-T6													
 DO NOT SCALE DRAWING			COMMENTS: Shape and sharpness of cutting edge are much more important than any untoleranced dimension.						SIZE ASSEMBLY NO.			REV	
									B In Use Excavator - Main Views			1	
			SCALE: 1:1			DO NOT SCALE DRAWING			SHEET 1 OF 3				

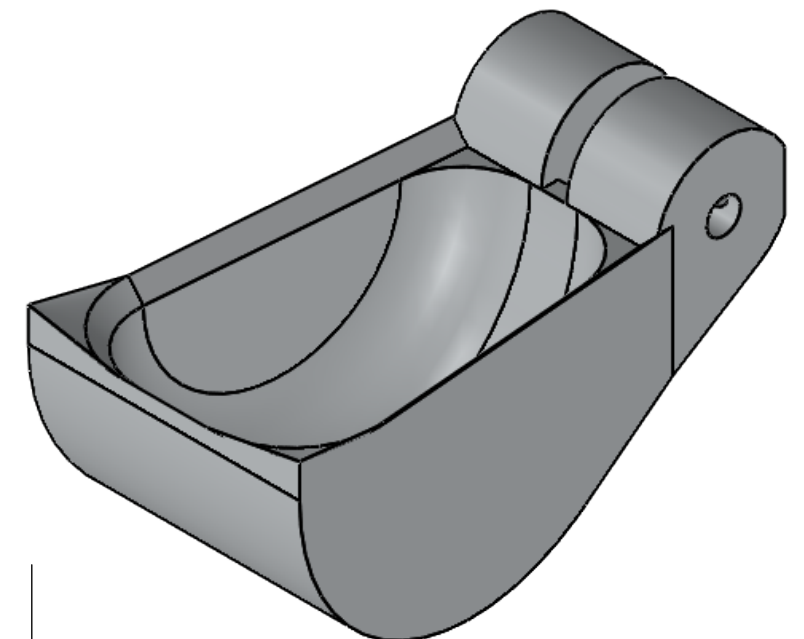
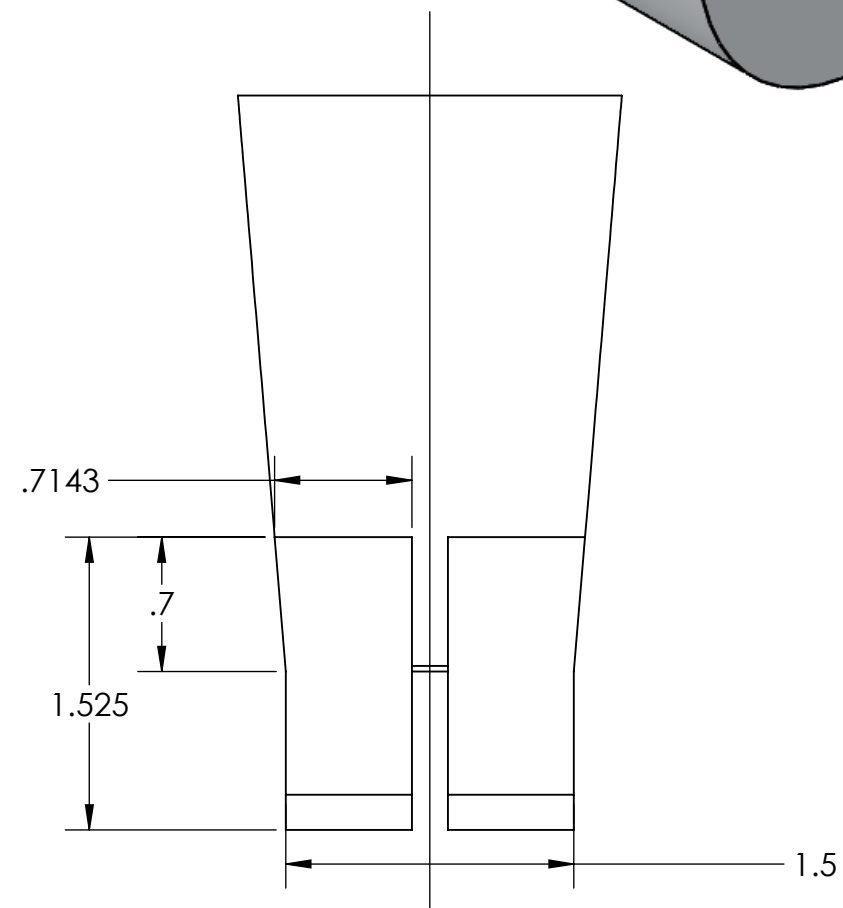
Should probably use
1/2" ball end mill
to produce inner radii.


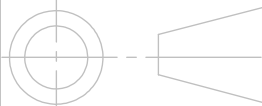


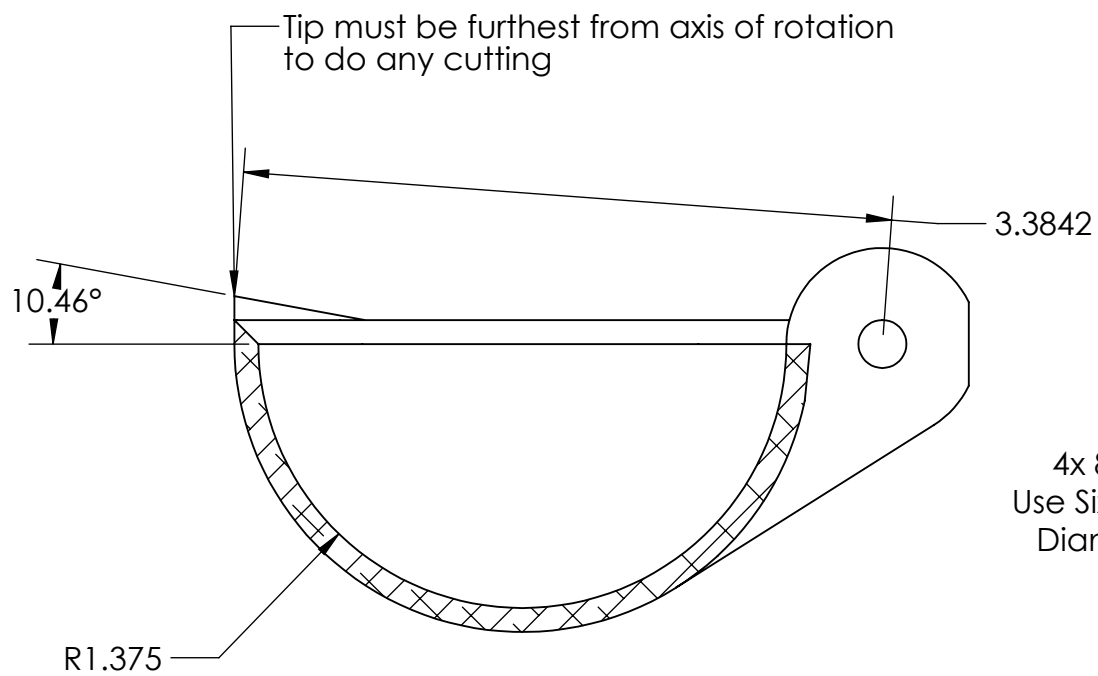
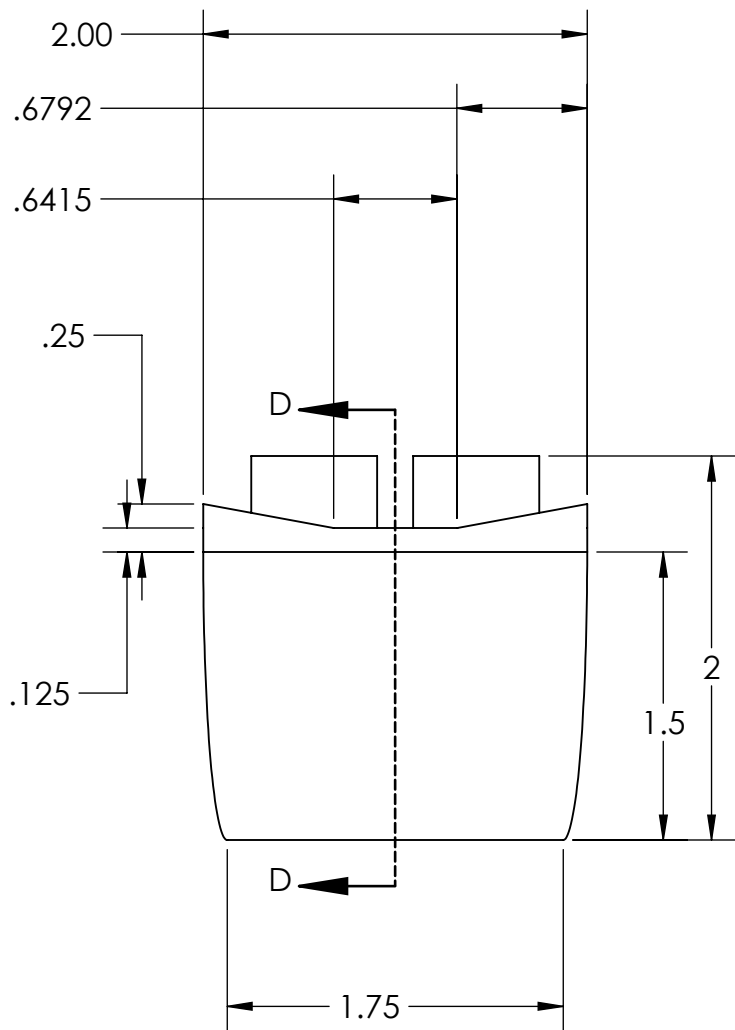
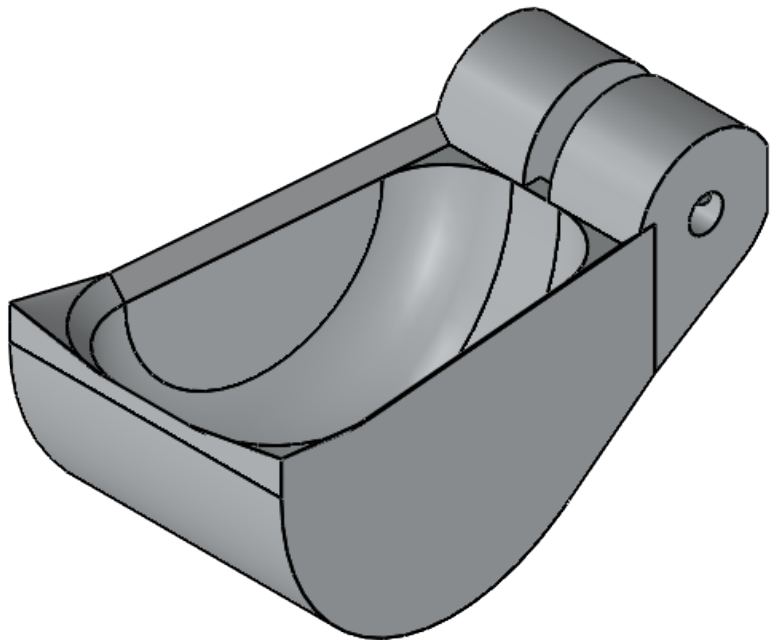
This lip is produced
by sweeping a triangle
with base and height
of .125" around inner
cavity.



SECTION A-A

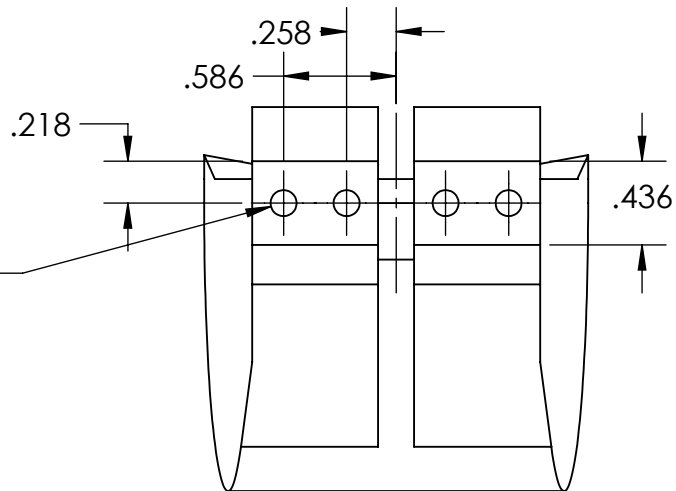


UNLESS OTHERWISE SPECIFIED:				TITAN ROVER		
DIMENSIONS ARE IN INCHES TOLERANCES: ± 0.005				DRAWN	NAME Ryan G.	DATE 1/4/20
INTERPRET GEOMETRIC TOLERANCING PER: MATERIAL: 6061-T6				CHECKED	Checked by	
 DO NOT SCALE DRAWING				ENG APPR.		
				MFG APPR.		
				Q.A.		
				COMMENTS:		
				Shape and sharpness of cutting edge are much more important than any untoleranced dimension.		
SYSTEM:		TITAN ROVER		SIZE	ASSEMBLY NO.	REV
Science		B		In Use Excavator - Top and Bottom		1
SCALE: 1:1		DO NOT SCALE DRAWING		SHEET 2 OF 3		



SECTION D-D

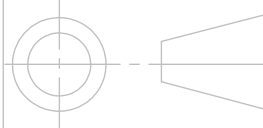
4x 8-32 ∇ .325
Use Size 29 Tap Drill
Diameter ϕ .136



UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES: \pm 0.005

INTERPRET GEOMETRIC
TOLERANCING PER:
MATERIAL: 6061-T6



DO NOT SCALE DRAWING

DRAWN

CHECKED

ENG APPR.

MFG APPR.

Q.A.

COMMENTS:

Shape and sharpness of cutting edge
are much more important than any
untoleranced dimension.

NAME

Ryan G.

Checked by

DATE

1/4/20

TITAN ROVER

SYSTEM:

Science

SIZE

B

ASSEMBLY NO.

In Use Excavator - Front and Back

REV

1

SCALE: 1:1

DO NOT SCALE DRAWING

SHEET 3 OF 3