

GENERAL NOTES:

- 10. PACKAGE TO PREVENT DAMAGE IN SHIPPING AND HANDLING.
- 12. DO NOT SCALE DRAWING.
- 13. DEBURR AND BREAK EDGES .05 TO .150. INTERNAL CORNER R.020 TO R.250.
- 14. SURFACE ROUGHNESS SHALL NOT EXCEED 63 MICROINCHES Ra PER ASME B46.1.

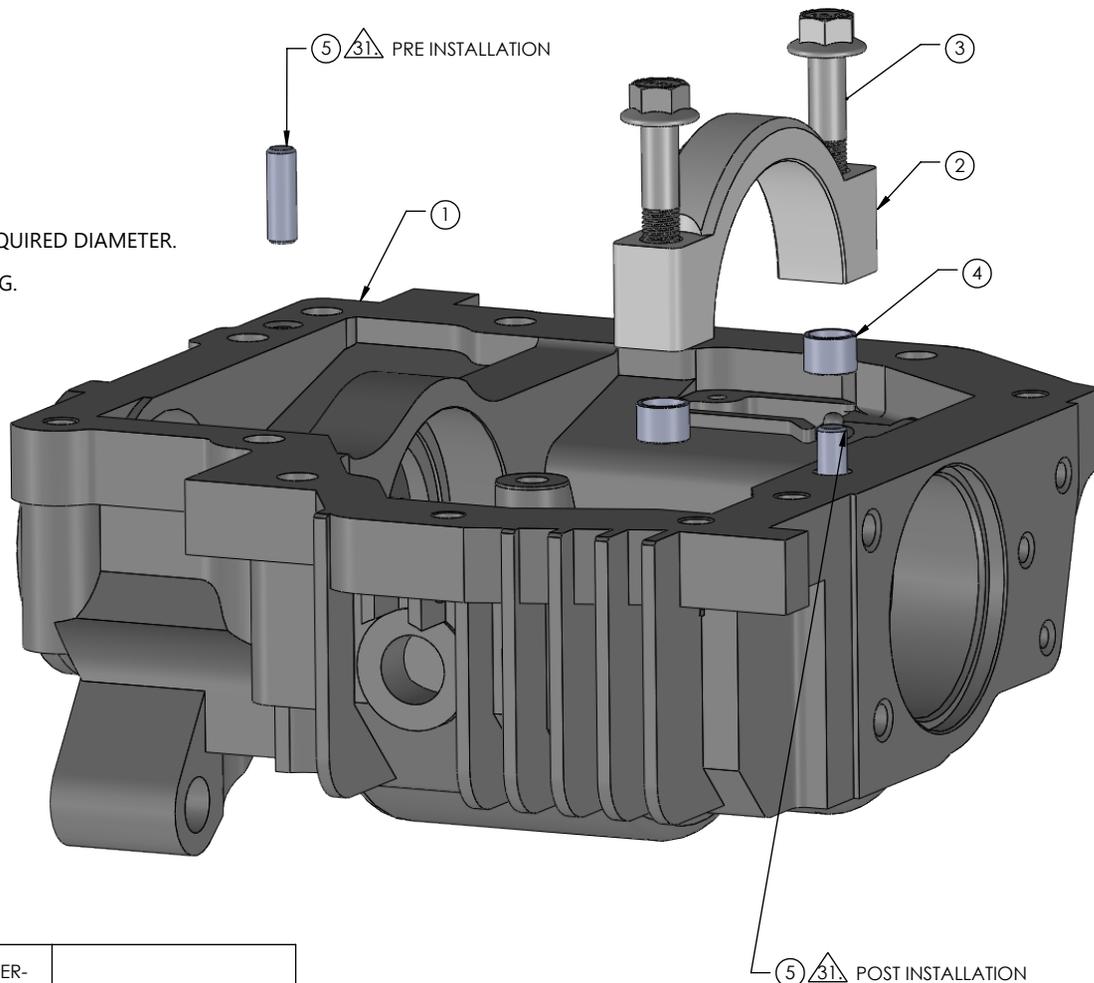
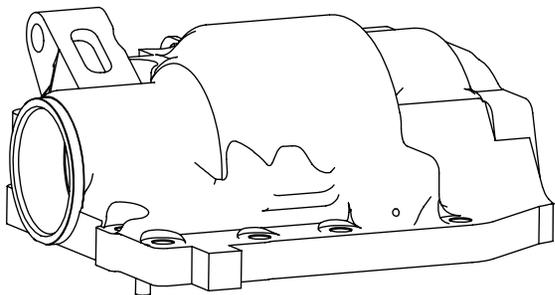
MATERIAL NOTES:

②0 MAKE FROM ALUMINUM 6063-T6.

ASSEMBLY NOTES:

- ③0 OPTIONAL; MATCH SET DIAMETERS, FINAL PASS REQUIRED WHILE ASSEMBLED:
 - ASSEMBLE ITEM ② AND ① WITH PROVIDED DOWEL PIN LOCATORS ④ .
 - TORQUE BOLTS OR ITEM ③ TO 27.3-37.6 ft-lbf BEFORE MACHINING FINAL REQUIRED DIAMETER.
 - MATCHED SETS: KEEP ② AND ① TOGETHER WITH BOLTS ③ FOR SHIPPING.
- ③1 PRESS DOWEL PIN OR ITEM ⑤ IN ITEM ① WHERE INDICATED.

REV	DESCRIPTION	DATE	APPROVED
NEW	ORIGINAL RELEASE	07/16/21	L.MARKOSSIAN
-	-	-	-
-	-	-	-



QTY REQ'D		P/N	DESCRIPTION	MAT/SPEC
2	⑤	98381A583	ALLOY STEEL DOWEL PIN (McMASTER-CARR PART NUMBER) Ø.3125, 1.0" LONG	-
2	④	-	DOWEL PIN LOCATORS	PROVIDED
2	③	95735A651_JIS HI	BOLT (McMASTER-CARR PART NUMBER) M10X1.25 -6H 50MM LONG	-
1	②	-	BEARING CAP	②0
1	①	-	SMALL HALF	②0
-	F/N	P/N	DESCRIPTION	MAT/SPEC
BILL OF MATERIALS				

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES - TOLERANCES -

DECIMALS	ANGULAR
.X ±.1	XX* ±1.5°
.XX ±.020	XX.X* ±.5°
.XXX ±.010	
.XXXX ±.005	

SURFACE FINISH: 125 μINCH RG PER ASME B46.1
INTERPRET TOLERANCES PER ASME Y14.5M-2009

DWG NO: **SMALL HALF** REV LTR NEW V0

$\Delta 30$ APPLIES WHEN ACHIEVING FINAL DIAMETER AND RUNOUT

$\varnothing 3.xxx \pm .003$
 $\sqrt{.002}$ B1-B2

B1

E

E

A

C

32

B

$\varnothing 3.xxx \pm .003$

$\Delta 30$ APPLIES WHEN ACHIEVING FINAL DIAMETER

$\sqrt{.002}$ B2-B1

B2

$\sqrt{.005}$ A B

A

(B1)

1.xxx

$\sqrt{.005}$ B2

$\sqrt{.005}$ B1

32

32

$91.28^{\circ} + 1.5^{\circ} - .0^{\circ}$

$.075 \pm .01$ X 45°
ALL AROUND
PERPENDICULAR TO B AXIS

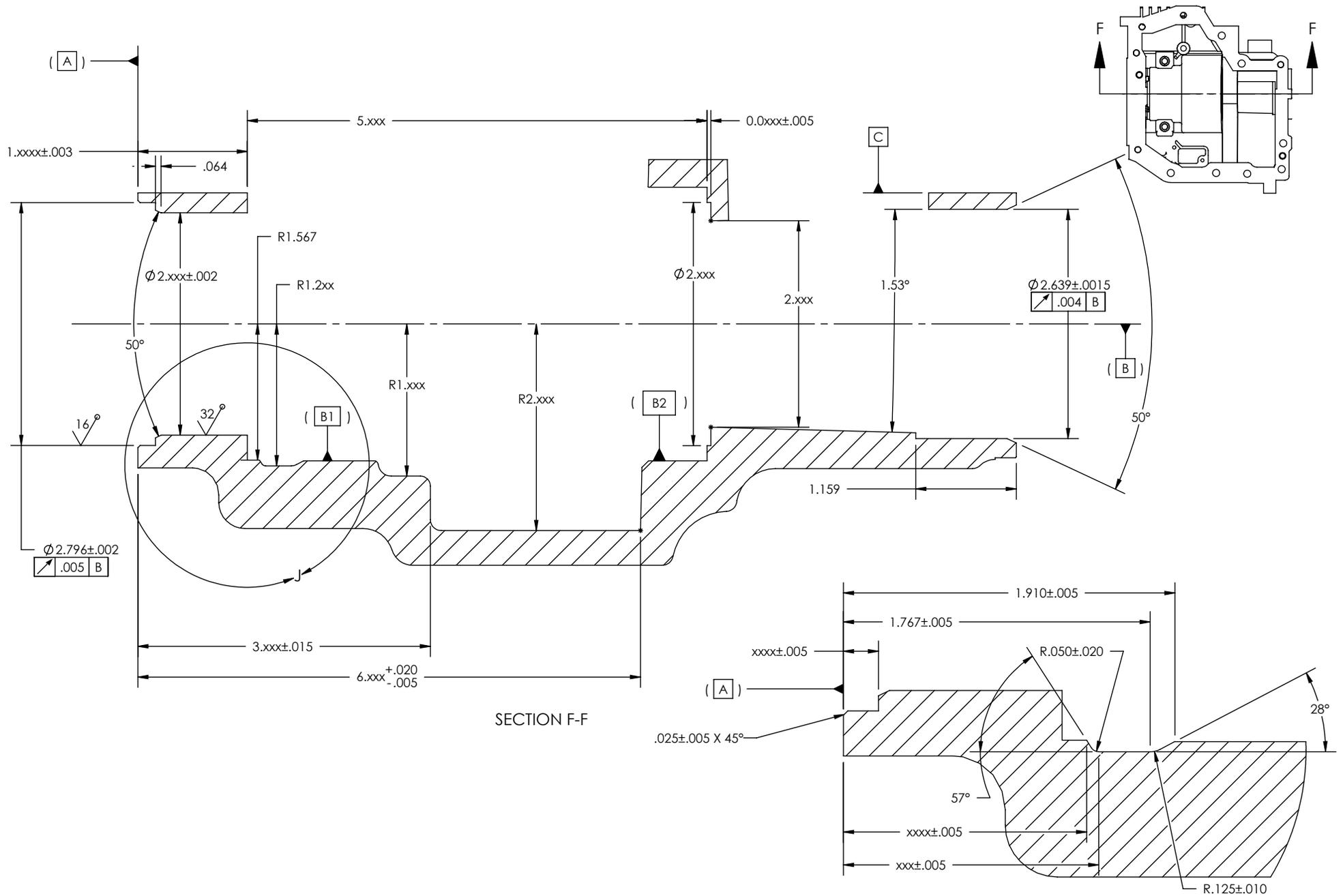
ITEM 1

SECTION E-E



DWG NO:	SMALL HALF	REV LTR
		NEW
		VO
APVD	L.MARKOSSIAN	07/16/21
SHEET SIZE:	A	SCALE: NONE
		Sheet 2 of 3

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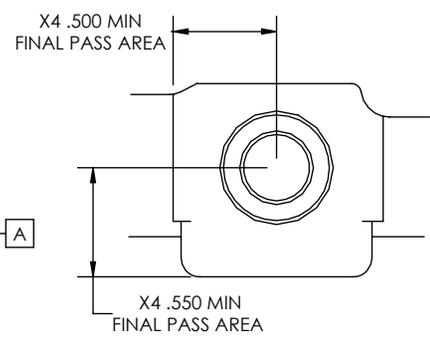
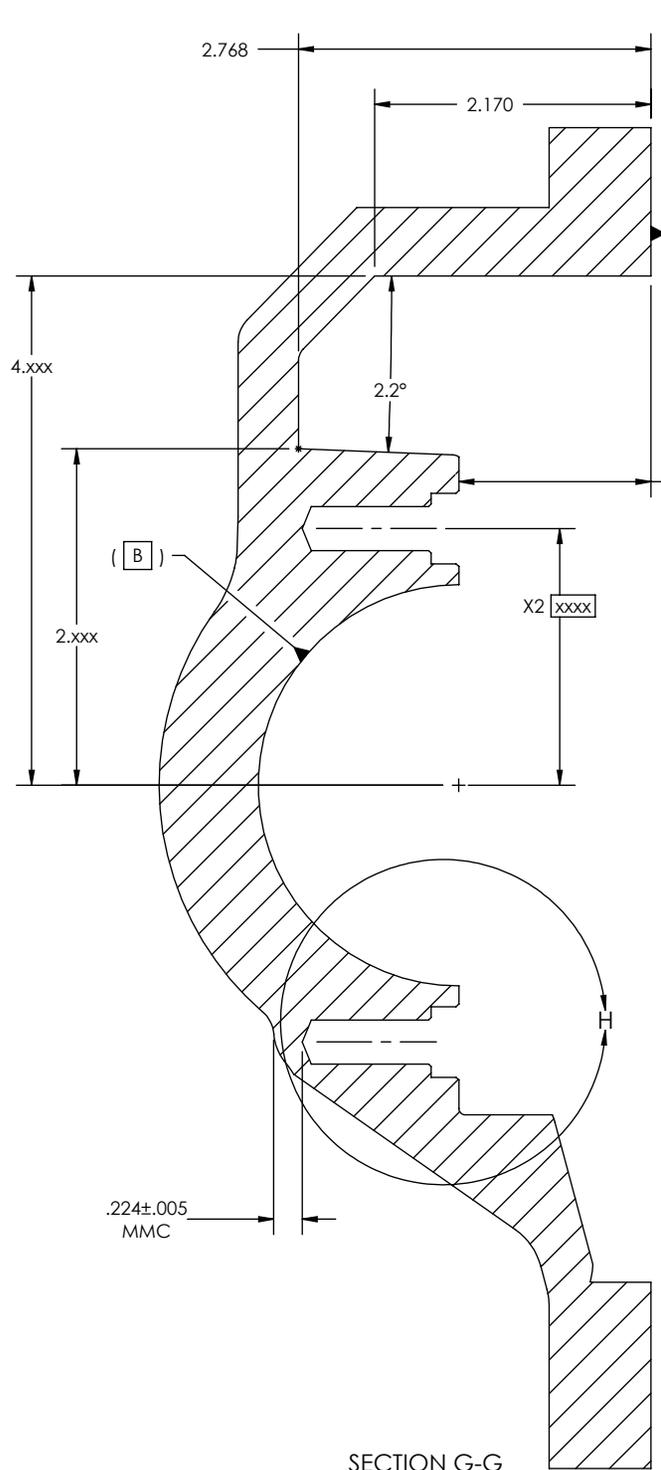


SECTION F-F

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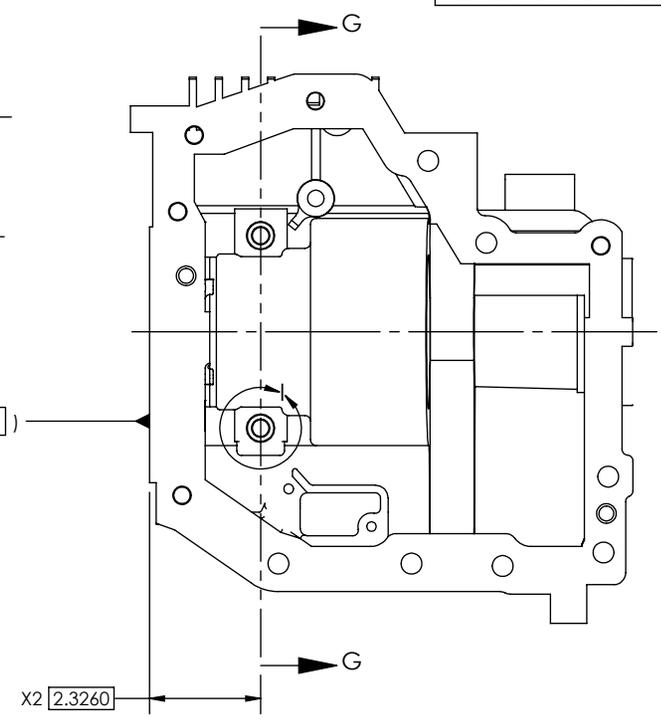
DWG NO:	SMALL HALF	REV LTR
		NEW
		VO
APVD L.MARKOSSIAN	07/16/21	SHEET SIZE: A
		SCALE: NONE
		Sheet 4 of 3



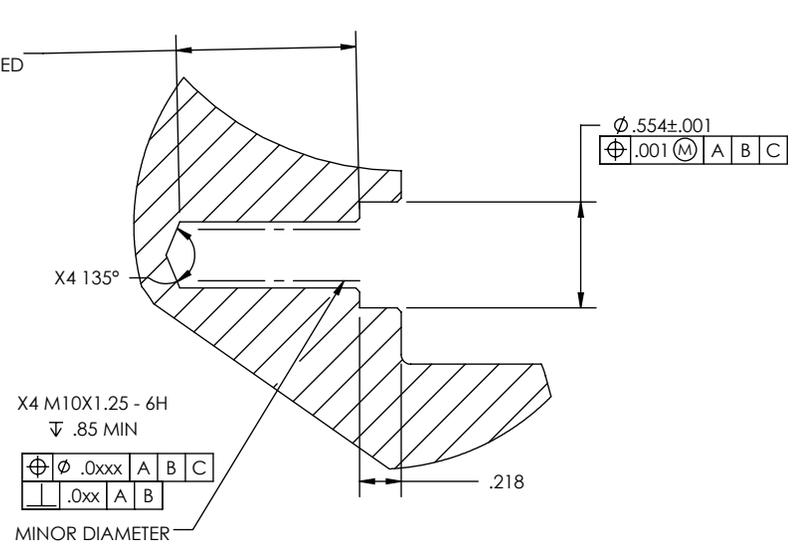
DETAIL I

X4 1xxxx^{+0.005}/_{-.0015}
FINAL PASS AREA
X4

	.005	A	B
--	------	---	---



.942 MAX
HOLE DEPTH
FLAT TAP REQUIRED
FOR THREADS



X4

ϕ	.0xxx	A	B	C
	.0xx	A	B	

MINOR DIAMETER

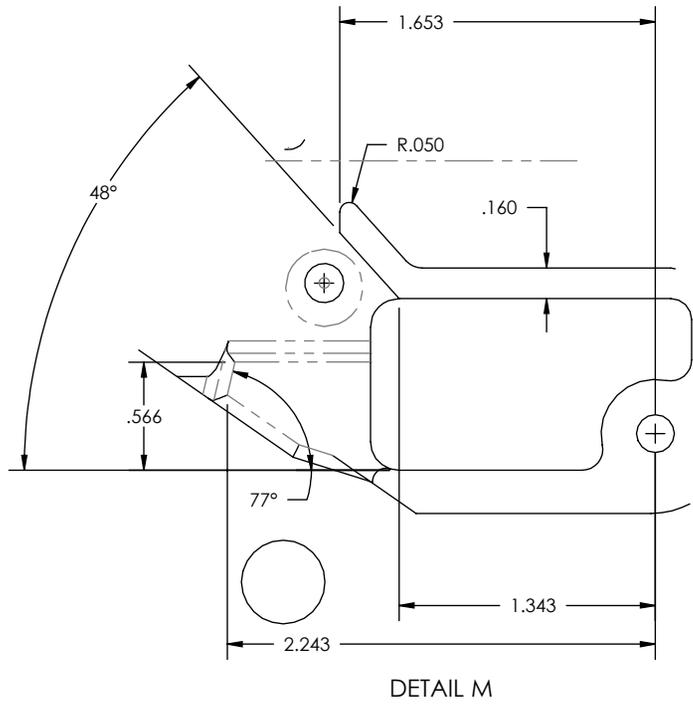
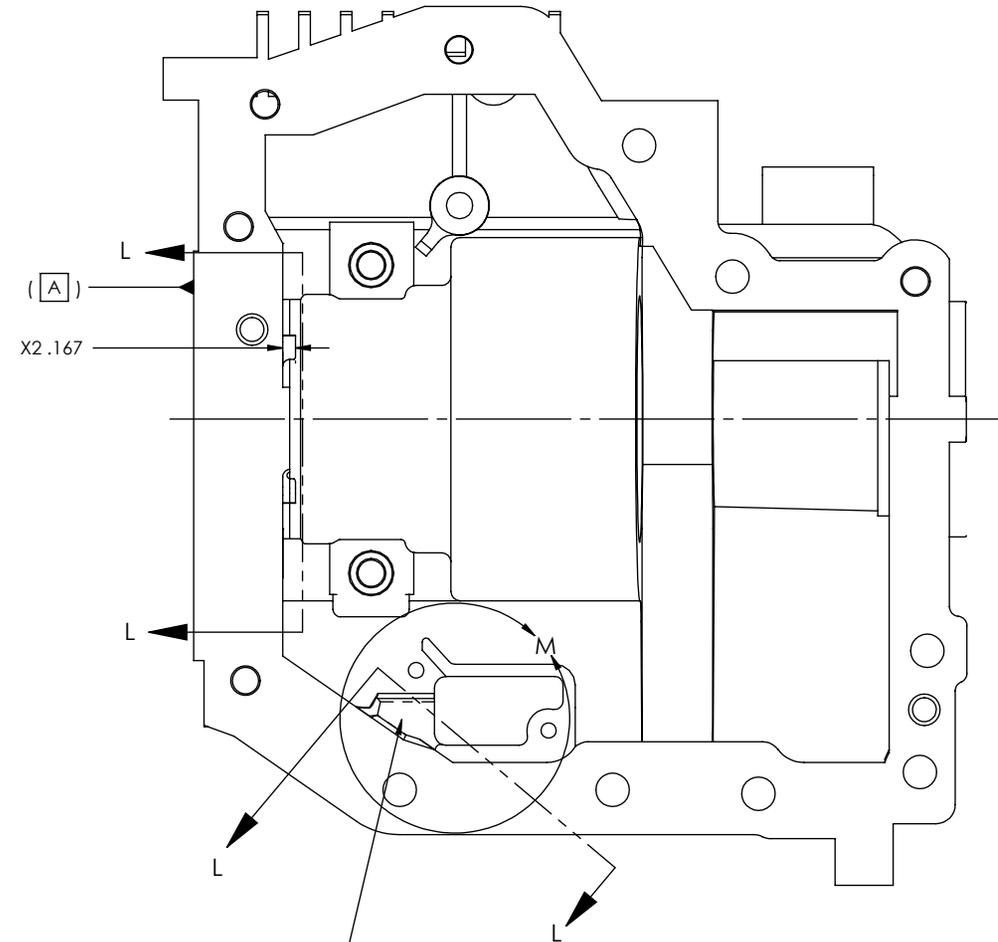
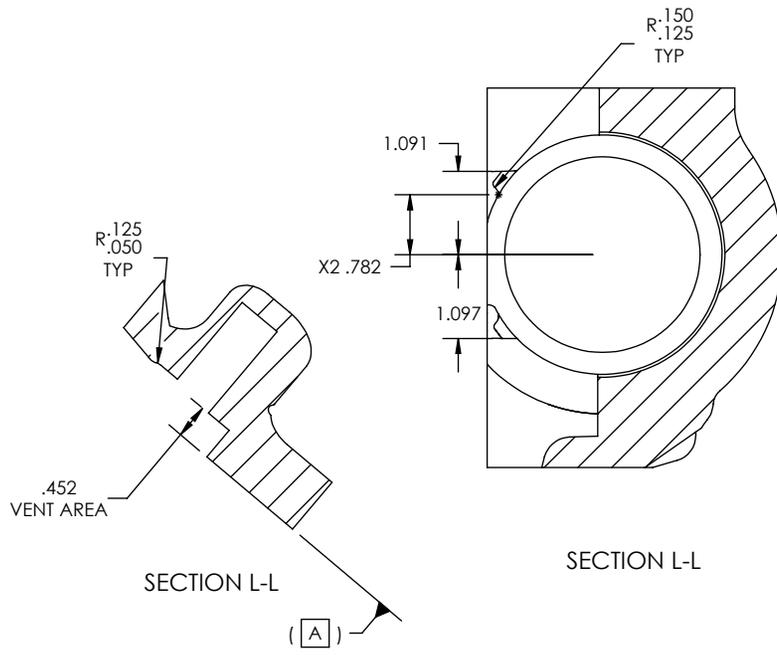
DETAIL H

SECTION G-G



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APVD	L.MARKOSSIAN	07/16/21	DWG NO:	SMALL HALF	REV LTR NEW VO
4	3	2	SHEET SIZE: A	SCALE: NONE	Sheet 5 of 3

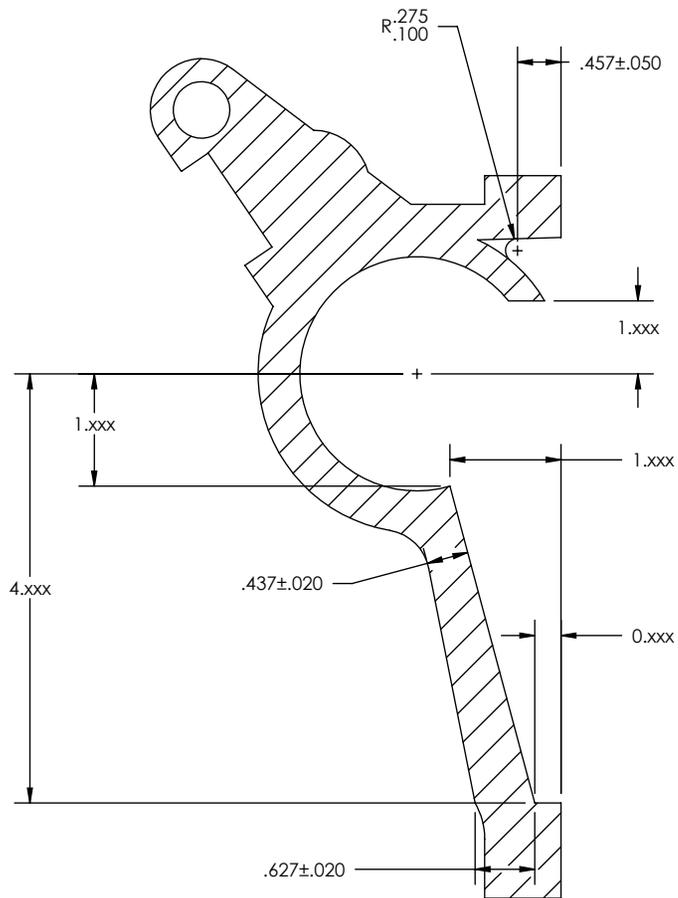


VENT AREA, NOT SHOWN TRUE VIEW
TANGENT EDGES SHOWN WITH FADED LINES

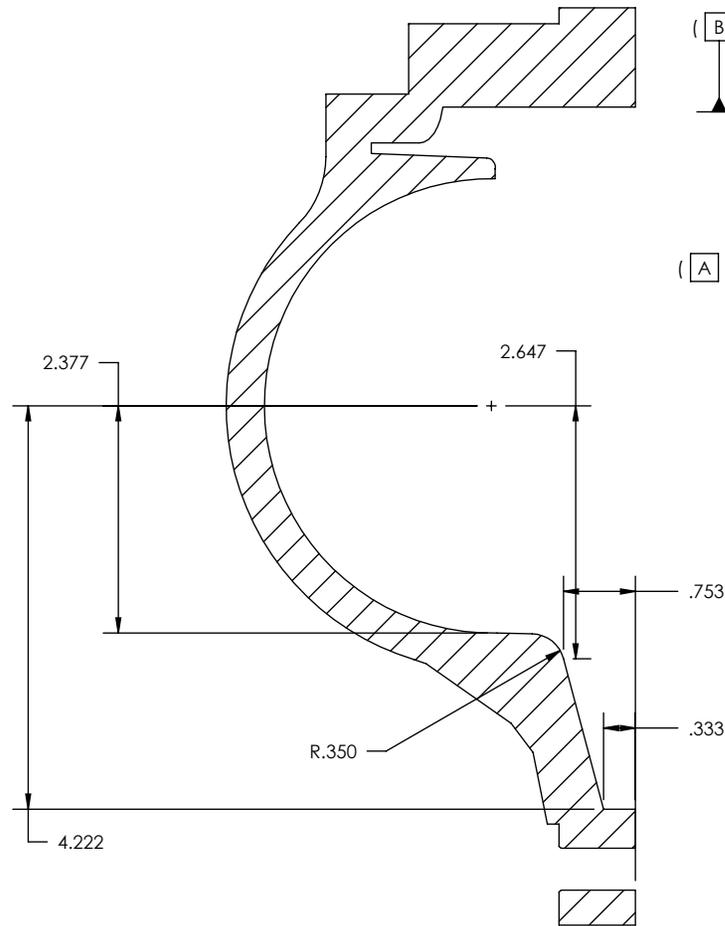


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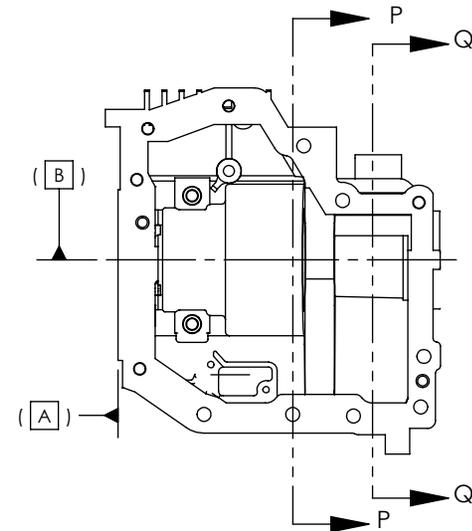
APVD	L.MARKOSSIAN	07/16/21	DWG NO: SMALL HALF	REV LTR NEW VO
4	3	2	SHEET SIZE: A	SCALE: NONE
				Sheet 7 of 3



SECTION Q-Q



SECTION P-P



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APVD L.MARKOSSIAN

07/16/21

DWG NO:

SMALL HALF

REV LTR
NEW
VO

SHEET SIZE: A

SCALE: NONE

Sheet 9 of 3