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**NOTES UNLESS OTHERWISE SPECIFIED**

- PARENT MATERIAL: 304 STAINLESS STEEL, 14 GAUGE (0.075" THICK)
- PART IS SEAMLESS, FORMED FROM SHEET METAL WITHOUT WELDS.
- METAL THICKNESS THINS 10-25% FROM PARENT MATERIAL.
- FINISH: NO METAL FINISHING REQUIRED. THE FINAL FINISH SHALL BE THE RESULT OF THE PROCESSES USED TO FABRICATE THE SHAPE, RESULTING IN AN ESTIMATED SURFACE ROUGHNESS OF 80 Ra.
- ESTIMATED INTERNAL VOLUME: 0.03 GALLONS (7.77 INCH<sup>3</sup>).

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE FOR MANUFACTURING	22JUN2015	R.DAVIS
A	Updated sheet format.	MAR2019	R.DAVIS

Top view of the hemisphere showing a vertical section line A-A. The section line is a dashed line passing through the center of the hemisphere, with arrows pointing outwards from the top and bottom.

Section A-A of the hemisphere. The drawing shows a cross-section of the hemisphere with a straight wall. The internal diameter is labeled as  $\varnothing 2.50$  ID. The outer diameter is labeled as  $2.08 \pm .06$  OAH. The radius of the curved portion is labeled as R1.25. The thickness of the straight wall is labeled as (.75). The radius of the bottom edge is labeled as (1.25).

SECTION A-A

3D perspective view of the hemisphere, showing its curved bottom and straight top wall.

SCALE 1 : 1.75

UNLESS OTHERWISE SPECIFIED:  
 1. DO NOT SCALE DRAWING  
 2. DIMENSIONS ARE IN INCHES  
 3. TOLERANCE:  
 FRACTIONAL  $\pm .25$   
 X.X  $\pm .1$   
 X.XX  $\pm .03$   
 X.XXX  $\pm .010$   
 ANGULAR:  $\pm 2$  DEG.  
 4. INTERPRET DRAWING PER ASME-Y14.5M-1994 STANDARDS  
 5. THIRD ANGLE PROJECTION  
 6. REMOVE BURRS & BREAK ALL SHARP EDGES WITH R0.03  $\pm .02$

	NAME	DATE
DRAWN	R.DAVIS	MAR2019
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

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**TOLEDO METAL SPINNING COMPANY**  
 EST. 1929

TITLE:  
 HEMISPHERE WITH STRAIGHT WALL

SIZE	DRAWING NUMBER	REV
A	HM0250-0075	A
SCALE: 1.25:1		WEIGHT: 0.28
		SHEET 1 OF 1