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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: 0.04 GALLONS (8.67 INCH³).

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 drawing includes a horizontal centerline and a vertical dashed line representing the section cut.

SECTION A-A: A cross-sectional view of the hemisphere. The inner diameter is labeled as $\varnothing 2.61$ ID. The outer diameter is labeled as $2.13 \pm .06$ OAH. The straight wall thickness is indicated as $(.75)$. The hemispherical portion has a radius of $R1.31$. The total width of the straight wall is indicated as (1.31) .

A 3D perspective view of the hemisphere, showing its curved bottom and straight upper 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: ± 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	HM0261-0075	A

SCALE: 1.25:1 WEIGHT: 0.30 SHEET 1 OF 1