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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: 0.96 GALLONS (221.28 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 section line is a dashed line on the right side of the circle, with arrows pointing to the left labeled 'A'.

SECTION A-A of the hemisphere. The drawing shows a cross-section with a straight vertical wall of width 1.75 inches. The bottom edge of the wall is flat. The top edge of the wall is curved with a radius of R4.00. The inner diameter is labeled as $\varnothing 7.99$ ID. The overall outer diameter is labeled as 5.82 ± 0.06 OAH. The width of the straight wall is 4.00 inches.

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

SCALE 1 : 5

UNLESS OTHERWISE SPECIFIED:

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

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

PROPRIETARY AND CONFIDENTIAL

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TOLEDO METAL SPINNING COMPANY
EST. 1929

TITLE:
HEMISPHERE WITH STRAIGHT WALL

SIZE	DRAWING NUMBER	REV
A	HM0799-0175	A
SCALE: 1:2.5		WEIGHT: 2.49
SHEET 1 OF 1		