

4

3

2

1

**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: 0.30 GALLONS (68.31 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 a hemisphere. A vertical dashed line with arrows at both ends, labeled 'A', indicates the location of section A-A.

SECTION A-A: A cross-sectional view of the hemisphere. The inner diameter is labeled as  $\varnothing 6.39$  ID. The outer radius is labeled as R3.20. The outer diameter is labeled as ( 3.20 ). The overall outer diameter is labeled as  $3.27 \pm .06$  OAH.

SECTION A-A

3D perspective view of a hemisphere.

SCALE 1 : 3.5

UNLESS OTHERWISE SPECIFIED:

- DO NOT SCALE DRAWING
- DIMENSIONS ARE IN INCHES
- TOLERANCE:
  - FRACTIONAL  $\pm .25$
  - X.X  $\pm .1$
  - X.XX  $\pm .03$
  - X.XXX  $\pm .010$
  - ANGULAR:  $\pm 2$  DEG.
- INTERPRET DRAWING PER ASME-Y14.5M-1994 STANDARDS
- THIRD ANGLE PROJECTION
- 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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<b>TOLEDO METAL SPINNING COMPANY</b> EST. 1929		
TITLE: <b>HEMISPHERE</b>		
SIZE <b>A</b>	DRAWING NUMBER <b>HM0639-0000</b>	REV <b>A</b>
SCALE: 1:2	WEIGHT: 1.14	SHEET 1 OF 1