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NOTES UNLESS OTHERWISE SPECIFIED

- PARENT MATERIAL: 304 STAINLESS STEEL, 18 GAUGE (0.048" THICK)
- PART IS SEAMLESS, FORMED FROM SHEET METAL WITHOUT WELDS.
- 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.
- PART IS NOT DESIGNED FOR PRESSURE OR VACUUM APPLICATIONS.

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE FOR MANUFACTURING	21JAN2010	L.FERNANDO
A	Updated sheet format, changed ID from 25.50" to 25.32", changed Bead shape, changed OAH from 5.10" to 5.20", changed Step Height from 0.45" to 0.80".	15JAN2015	A.FULKERT
B	Updated sheet format, corrected title block and revision block author information, changed Radius from 0.125" to 0.16", changed Dome Radius from 27.00" to 27.00" ref.	MAR2019	R.DAVIS
C	Added note about pressurized lids.	19OCT2023	C. FANKHAUSER

Top view of the domed lid showing concentric circles and a vertical section line A-A.

SECTION A-A showing dimensions:  $\text{Ø } 25.32 \text{ ID}$ ,  $\text{Ø } 23.92 \text{ ID}$ , (R27.00) INSIDE, (5.20 OAH), and a detail view of the edge with dimensions: R.50 INSIDE, R.16 INSIDE, R.10 INSIDE, .80, (2.05), and SCALE 1 : 1.5.

3D perspective view of the domed lid.

SCALE 1 : 12

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:  $\pm 2 \text{ DEG.}$
- 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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**TOLEDO METAL SPINNING COMPANY**  
EST. 1929

TITLE:  
TMS 304SS DOMED LID

SIZE	DRAWING NUMBER	REV
A	TMSLD2418	C
SCALE: 1:6		WEIGHT: 8.67
SHEET 1 OF 1		