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NOTES UNLESS OTHERWISE SPECIFIED

- PARENT MATERIAL: 316 STAINLESS STEEL, 11 GAUGE (0.120" 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.
- ESTIMATED INTERNAL VOLUME: 50.43 GALLONS. (11650.47 INCH³).

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE FOR MANUFACTURING	DEC2002	J.KNAPP
A	Updated sheet format, updated geometry to match the current 304SS iteration.	MAR2019	R.DAVIS

Top view of the hopper showing a circular shape with a vertical centerline and a horizontal diameter line. A section line A-A is indicated with arrows pointing to the left. A dimension line indicates a hole with a diameter of 0.50 inches through the center.

Section A-A of the hopper showing a conical shape with a 60-degree angle. The top edge has a radius of R.25 inside. The wall thickness is 0.92 inches. The bottom edge is flat with a diameter of 1.60 inches plus or minus 0.25 inches. The total height is 30.90 inches plus or minus 0.25 inches. The inner diameter at the top is 36.06 inches plus or minus 0.06 inches. A dimension of 0.072 inches is shown for the top edge thickness.

3D perspective view of the hopper, showing its conical shape and the straight wall at the bottom.

SCALE 1 : 20

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.		

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TOLEDO METAL SPINNING COMPANY
EST. 1929

TITLE:
36" HOPPER WITH 1" STRAIGHT WALL

SIZE	DRAWING NUMBER	REV
A	TMS36111-316SS	A

SCALE: 1:10 WEIGHT: 37.91 SHEET 1 OF 1