

4

3

2

1

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: 35.44 GALLONS. (8186.10 INCH³).

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE FOR MANUFACTURING	06AUG2014	B.KEEL
B	Changed Str Wall from 7.00" to 1.00"	07JAN2015	B.KEEL
C	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 central hole. A vertical section line A-A is indicated with arrows pointing to the left. The central hole is labeled with a diameter of $\phi .50$ THRU.

Section A-A of the hopper. It shows a vertical straight wall of (1.05) STR WALL. The top edge has an inner radius of R.25 INSIDE. The hopper tapers from the top to a 60° angle. The top diameter is $\phi 31.80 \pm .06$ ID. The bottom diameter is $\phi 1.60 \pm .25$ FLAT. A wall thickness of (.072) is shown at the top. A note (.060) indicates a chamfered edge. The total length of the hopper is $27.34 \pm .25$.

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

SCALE 1 : 20

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: ± 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.		

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED WITHIN THIS DRAWING IS THE SOLE PROPERTY OF TOLEDO METAL SPINNING COMPANY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION OF TOLEDO METAL SPINNING COMPANY IS PROHIBITED.

TOLEDO METAL SPINNING COMPANY
EST. 1929

TITLE:
32" HOPPER WITH 1" STRAIGHT WALL

SIZE	DRAWING NUMBER	REV
A	TMS32111-316SS	C
SCALE: 1:9		WEIGHT: 30.01
		SHEET 1 OF 1