

4

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NOTES UNLESS OTHERWISE SPECIFIED

- PARENT MATERIAL: 304 STAINLESS STEEL, 14 GAUGE (0.075" THICK)
- 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: 6.86 GALLONS. (1585.6 INCH³)

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE FOR MANUFACTURING	15DEC2000	J.KNAPP
01	Changed Flat from 1.67" to 1.78"	10MAR2006	J.KNAPP
02	Changed Flat from 1.78" to 1.75"	19SEP2009	L.FERNANDEZ
03	Changed Flat from 1.75" to 1.68"	06JUL2012	D.JOHNSON
A	Updated sheet format, corrected title block and revision block author information, changed Radius from 0.75" to 3.00", corrected Straight Wall dimension callout, changed Title from 11" Straight Wall to 10", added 0.10" tolerance to Flat dimension.	19FEB2016	R.DAVIS

Top view of the hopper showing concentric circles representing the flange and the hopper body. Section lines A-A are indicated. The outer diameter of the flange is labeled as $\phi 13.00$ Flange OD.

Section A-A of the hopper. It shows a straight wall of length 9.90 inches and a tapered section with a 60.0 degree angle. The total length is 19.80 ± .25 inches. The inner diameter of the straight wall is 11.85 inches. The top edge has a radius of R.20 inside and R3.00 inside. The thickness of the wall is .074 inches. The flat bottom has a diameter of 1.68 ± .10 inches.

DETAIL B
SCALE 1 : 2

SECTION A-A

ISOMETRIC VIEW
SCALE 1 : 12

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

	NAME	DATE
DRAWN	J.KNAPP	15DEC2000
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

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TOLEDO METAL SPINNING COMPANY
EST. 1929

TITLE:
12" HOPPER WITH 10" STRAIGHT WALL

SIZE	DRAWING NUMBER	REV
A	TMS121114	A

SCALE: 1:5 WEIGHT: 10.64 SHEET 1 OF 1