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NOTES UNLESS OTHERWISE SPECIFIED

- PARENT MATERIAL: 316 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: 2.87 GALLONS. (664.1 INCH³)

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE FOR MANUFACTURING	14DEC2000	J.KNAPP
A	Updated sheet format, corrected title block and revision block author information, changed Radius from 0.75" to 3.00", etc.	15JUN2016	R.DAVIS

Top view showing concentric circles representing the flange and the body. A central hole is shown. Dimension lines indicate a diameter of 10.02 inches for the flange outer diameter (OD) and 8.85 inches for the inner diameter (ID). Section line A-A is shown with arrows pointing to the left.

Section A-A showing the profile of the hopper. It features a straight wall section of length 7.20 inches and a total length of 14.50 ± 0.25 inches. The inner diameter is 8.85 inches. The top edge has a chamfer with a 60-degree angle. Radii are specified as R.20 inside and R3.00 inside. Wall thicknesses are given as (.074) and (.067). A detail B is shown at the end of the chamfer.

Detail B showing a cross-section of the chamfered edge. It is a hexagonal shape with a flat top and bottom. The flat width is dimensioned as 1.68 ± 0.10 inches.

DETAIL B
SCALE 1 : 2

SECTION A-A

Isometric view of the hopper, showing its cylindrical body and conical bottom. The drawing is shaded to show depth.

ISOMETRIC VIEW
SCALE 1 : 8

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	14DEC2000
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

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TOLEDO METAL SPINNING COMPANY
EST. 1929

TITLE:
9" HOPPER WITH 7" STRAIGHT WALL

SIZE	DRAWING NUMBER	REV
A	TMS9914-316SS	A
SCALE: 1:4		WEIGHT: 6.05
		SHEET 1 OF 1