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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 R<sub>a</sub>.
- ESTIMATED INTERNAL VOLUME: 23.07 GALLONS (5329.22 INCH<sup>3</sup>)

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE FOR MANUFACTURING	15DEC2000	J.KNAPP
01	CHANGED OVERALL HEIGHT FROM 26.5" TO 26.3", CHANGED ID FROM 21.38" TO 21.19"	23MAR2003	J.KNAPP
02	CHANGED STRAIGHT WALL FROM 9.38" TO 9.4", CHANGED RADIUS FROM 0.75" TO 3.00", CHANGED FLAT FROM 1.88" TO 1.5", CHANGED ID FROM 21.19" TO 21.09"	16SEP2009	L.FERNANDEZ
03	CHANGED STRAIGHT WALL FROM 9.4" TO 9.66", CHANGED OVERALL HEIGHT FROM 26.3" TO 26.29", CHANGED FLAT FROM 1.5" TO 1.68"	26JUN2012	L.FERNANDEZ
04	CHANGED OVERALL HEIGHT FROM 26.29" TO 26.00"	05OCT2012	D.JOHNSON
A	UPDATED SHEET FORMAT, CORRECTED TITLE BLOCK AND REVISION BLOCK AUTHOR INFORMATION, CORRECTED STRAIGHT WALL DIMENSION CALLOUT, ADDED 0.10" TOLERANCE TO FLAT DIMENSION, CHANGED FLANGE RADIUS FROM 0.22" TO 0.20", CHANGED TITLE FROM 10" STRAIGHT WALL TO 8".	08MAR2016	R.DAVIS
B	UPDATED DRAWING TO CURRENT FORMAT	16JUL2020	K.DRUMHILLER
C	CHANGED TO 21.31 ID	2/20/2023	K. SCRIVENER

Top view of the hopper showing the flange and the circular body. The flange has an outer diameter of  $\phi 22.50$ . Section line A-A is indicated.

SECTION A-A  
 Dimensions and tolerances:  
 - Overall height: 26.00 ± .25  
 - Straight wall length: (7.91)  
 - Flange thickness: (.074)  
 - Inside radius of straight wall: R.20  
 - Inside radius of conical wall: R3.00  
 - Conical wall angle: 60°  
 - Flat thickness: (.067)  
 - Flat thickness (detail): 1.68 ± .10  
 - Inside diameter:  $\phi 21.31$  ID  
 - Wall thickness: (.037)

DETAIL B  
SCALE 1 : 2  
1.68 ± .10 FLAT

ISOMETRIC VIEW  
SCALE 1 : 20

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
J. ASHBY	20FEB2023
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<b>TOLEDO METAL SPINNING COMPANY</b> EST. 1929		
TITLE: 22" HOPPER WITH 8" STRAIGHT WALL		
SIZE A	DRAWING NUMBER <b>TMS221014</b>	REV <b>C</b>
SCALE: 1:8	WEIGHT: 19.91	SHEET 1 OF 1