

NOTES UNLESS OTHERWISE SPECIFIED

1. MATERIAL: 304 STAINLESS STEEL
2. WELD REQUIREMENTS: MINIMIZE WELD POROSITY AND BE VISUALLY FREE OF CRACKS. WELDS TO BE SMOOTH AFTER WELDING.
3. INSIDE FINISH: BRUSH FINISH TO 32 Ra.
4. OUTSIDE FINISH: BRUSH FINISH TO 125 Ra.
5. REMOVE ALL SHARP EDGES AND BURRS. BREAK WITH A .02 IN X 45 DEG CHAMFER OR .02 IN RADII.
6. DESIGN IS PER CUSTOMER SPECIFICATIONS. TMS IS PROVIDING DRAWING SUPPORT ONLY AND UNDER NO CIRCUMSTANCE MAKES ANY CLAIMS FOR PERFORMANCE. TMS ASSUMES NO LIABILITY FOR THE DESIGN REGARDLESS OF ITS USE AND OR METHOD OF INSTALLATION.

ZONE		REV.	DESCRIPTION	DATE	APPROVED
		A	INITIAL RELEASE FOR MANUFACTURING	14MAY2014	B. KEEL

D
C
B
A

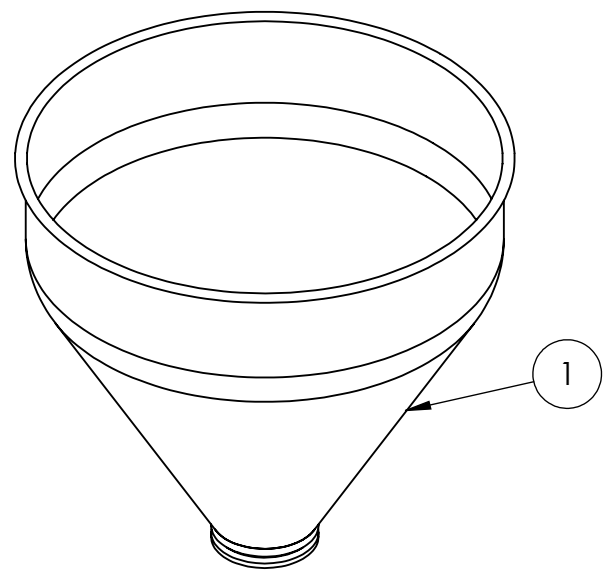
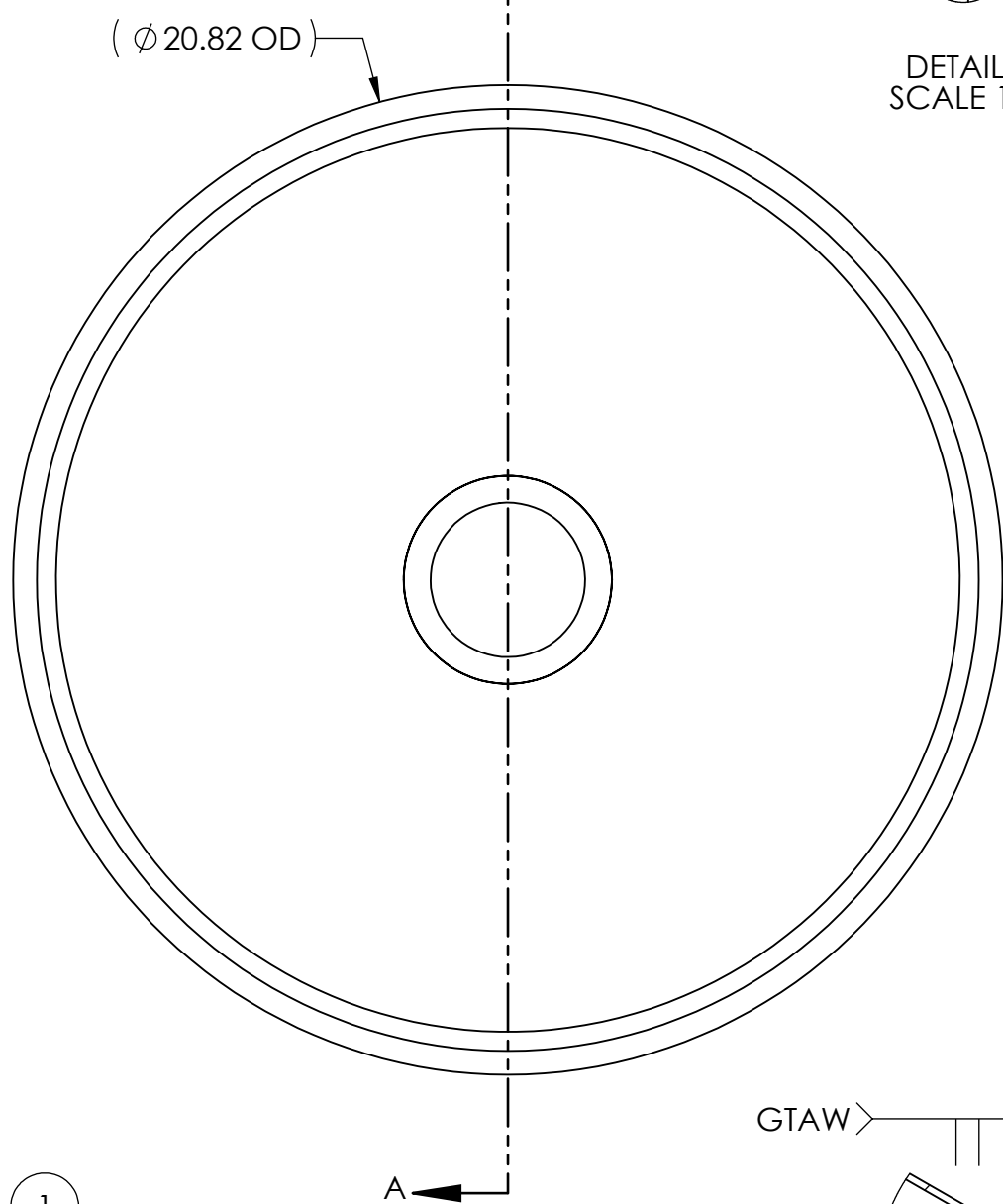
D
C
B
A

R.25 OUTSIDE

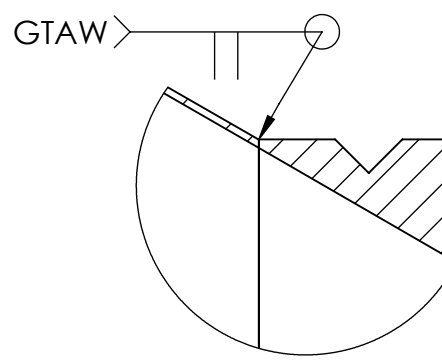
DETAIL B
SCALE 1 : 2

0.060 A B

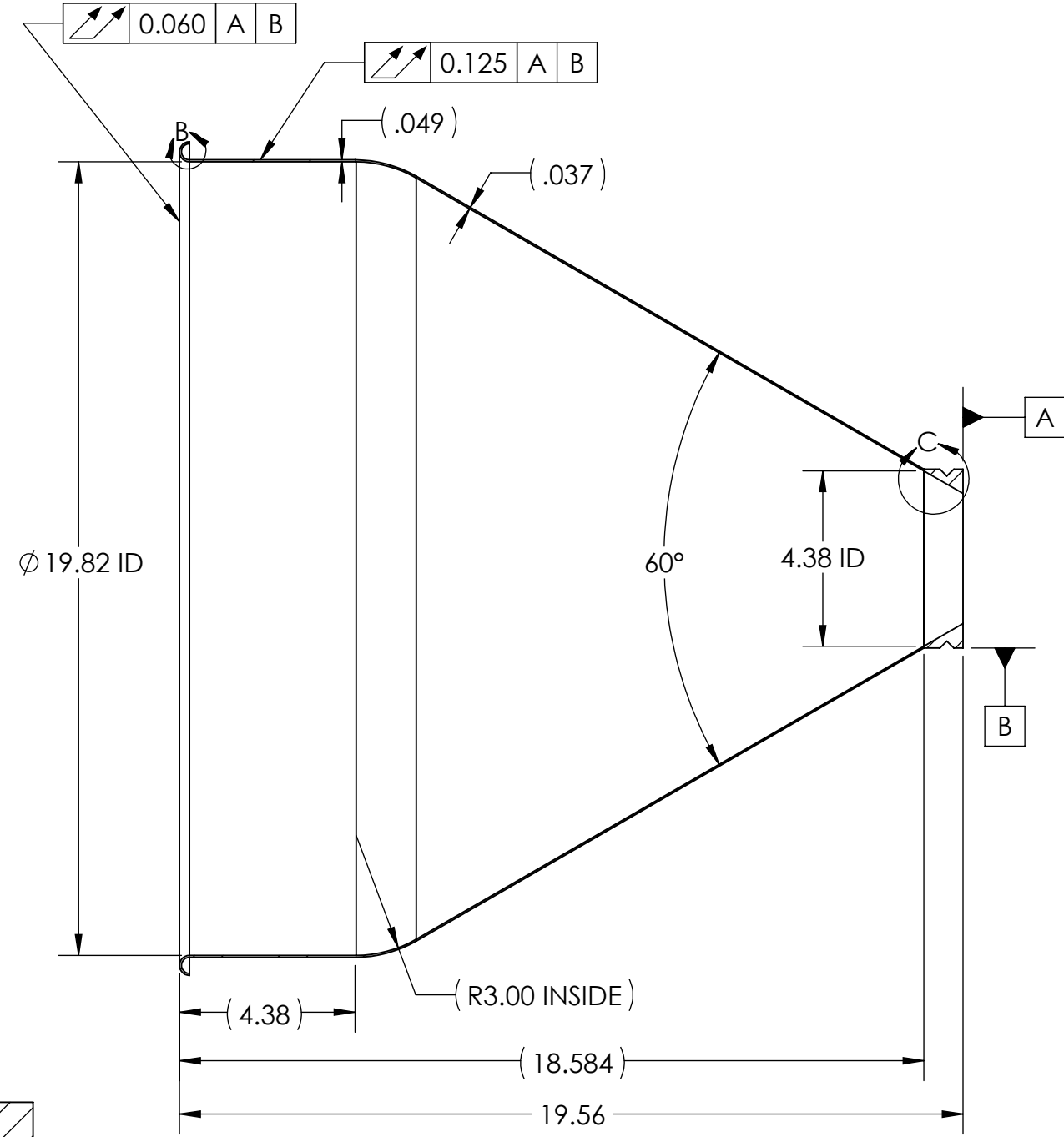
0.125 A B



ISOMETRIC VIEW
SCALE 1:8



DETAIL C
SCALE 1 : 1



SECTION A-A

ITEM NO.	PART NUMBER	DESCRIPTION	Default/ QTY.
1	Q24624-1-1	304SS HOPPER	1
2	Q24624-1-2	MODIFIED 3.25" ID FERRULE	1

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TOLEDO METAL SPINNING Co.
1. DIMENSIONS ARE IN INCHES		DRAWN	B. KEEL	
2. TOLERANCE:		CHECKED		
FRACTIONAL ± .25		ENG APPR.		
X.X ±.1		MFG APPR.		
X.XX ±.03		Q.A.		
X.XXX ±.01		COMMENTS:		
ANGULAR: ±2 DEG.				
3. THIRD ANGLE PROJECTION				
INTERPRET DRAWING PER ASME-Y14.5M-1994 STANDARDS				
MATERIAL				
FINISH				
DO NOT SCALE DRAWING				

TITLE:	SIZE	DWG. NO.	REV
304SS HOPPER WITH TMS FERRULE	B	Q24624-1	A

SCALE:	WEIGHT:	SHEET
1:4		1 OF 2

PROPRIETARY AND CONFIDENTIAL
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