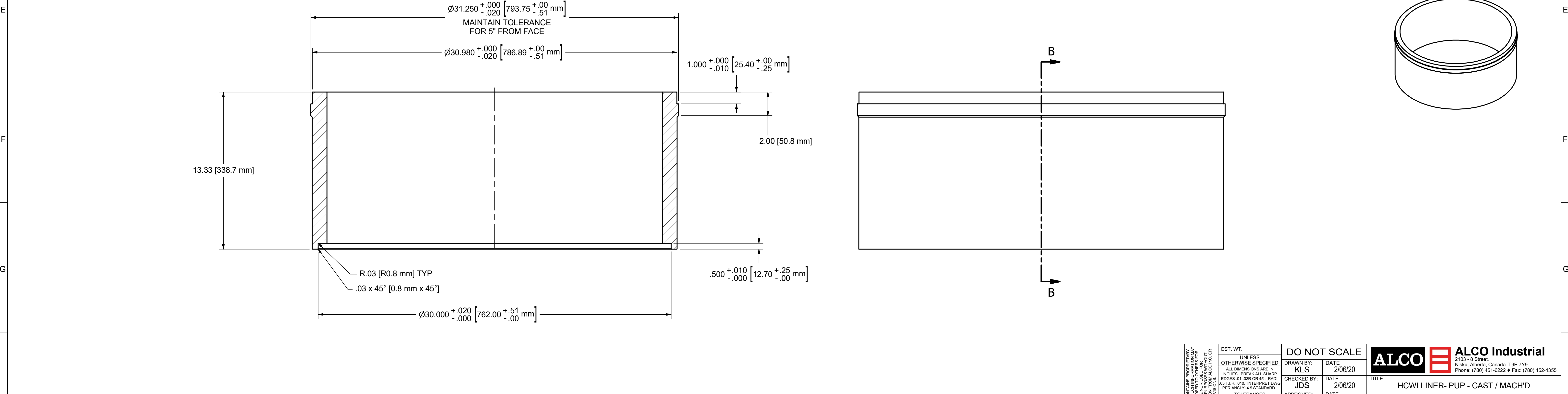



PART NUMBER	DESCRIPTION	MASS
A1-19027-400-08 HCWI liner - pup - cast	28 1/2" ID x 1 1/4" WALL x 14 11/32" HCWI LINER PUP, ASTM A532 CLASS III TYPE A, PF# 470298	468 lbmass



PART NUMBER	DESCRIPTION	MASS
A1-19027-400-08 HCWI liner - pup	28 1/2" ID x 1 1/4" WALL x 13 11/32" HCWI LINER PUP, ASTM A532 CLASS III TYPE A, PF# 470298	407 lbmass

REVISION HISTORY			
REV	DATE	DESCRIPTION	INITIALS
0	2/06/20	ISSUED FOR CONSTRUCTION	KLS

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	UNLESS OTHERWISE SPECIFIED:		DRAWN BY:	DATE:			
	ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES 01" OR GR-45° RADI		KLS	2/06/20	TITLE HCWI LINER- PUP - CAST / MACH'D SYNCRUDE AURORA HT2 MAIN LINE		
	05 T.I.R. .010. INTERPRET DWG PER ANSI Y14.5 STANDARD.		CHECKED BY:	DATE:			
	TOLERANCES:		JDS	2/06/20			
	X = ± .118		APPROVED:	DATE:			
	X.X = ± .050		BEM	2/06/20	PROJECT No. REFERENCE A1-19027 A1-19027-400-00 FILE NAME A1-19027-400-08 HCWI liner - pup.idw		
	X.XX = ± .015		MATERIAL & HEAT TREAT				REV. 0
	X.XXX = ± .005		ASTM A532 CLASS III				
	ANGLES = ± 12°		TYPE A				SHEET 1 OF 1
125/✓ FINISH ON ALL MACHINED SURFACES							