



ZONE	REV.	DESCRIPTION	DATE	BY	
SYMBOLS FOR GEOMETRIC TOLERANCE					
	STRAIGHTNESS		CIRC. RUNOUT		POSITION
	FLATNESS		TOTAL RUNOUT		CONCENTRICITY
	ROUNDNESS		PERPENDICULARITY		PROFILE OF A SURFACE
	CYLINDRICITY		PARALLELISM		LMC
	SYMMETRY		ANGULARITY		TOL. ZONE
	DIA.		RAD.		DATUM
MATERIAL		6061-T6 AL PLATE 1 THK x ϕ 8 1/2			
POST PROCESSES		ANODIZE BLACK			
NOTES					
DIMENSIONAL TOLERANCES, UNLESS OTHERWISE SPECIFIED					
ALL IMPERIAL THREADS UN CLASS 2A & 2B		ALL METRIC THREADS ISO CLASS 6H/6g		DIMENSIONS (INCHES)	
MACHINED SHARP FILLET RADII 1/32 MAX		BREAK CORNERS 0.02X45°		TOLERANCE	
REMOVE BURRS		SURFACE 125		FRACTIONAL (X/X)	
				2 PLACE DEC. (X.XX)	
				3 PLACE DEC. (X.XXX)	
				4 PLACE DEC. (X.XXXX)	
				0 PLACE DEC. ANGLE (X°)	
				1 PLACE DEC. ANGLE (X.X°)	
				STD. TWIST DRILL	
				\pm 1/16	
				\pm 0.01	
				\pm 0.005	
				\pm 0.0005	
				\pm 1°	
				\pm 0.5°	
				ϕ \pm 0.005	
	THIRD ANGLE PROJECTION	SolidWorks	METRIC REFERENCE DIMENSIONS ARE INDICATED IN SQUARE PARENTHESIS [METRIC]	DIMENSIONS SHOWN IN ROUND PARENTHESIS ARE FOR REFERENCE ONLY (REF.)	
ENGINEER AKNC		 Applied Kinetics Professional Engineering and Design Services			
DRAWN AKNC					
DATE 2000.07.28					
DWG. SCALE 1:2					
CLIENT ABC PACKAGING COMPANY		CUSTOMER XYZ WIDGET COMPANY			
CLIENT PROJ. NUM. 1234		PROJECT ROBOTIC PALLETIZING SYSTEM			
ROBOT FLANGE ADAPTER PALLETIZING GRIPPER					
TOTAL QTY.	SIZE	SHEET OF	APPLIED KINETICS PROJECT CODE	DRAWING NUMBER	
1	B	1 OF 1	AK0001	M0002	
				REV. A0	