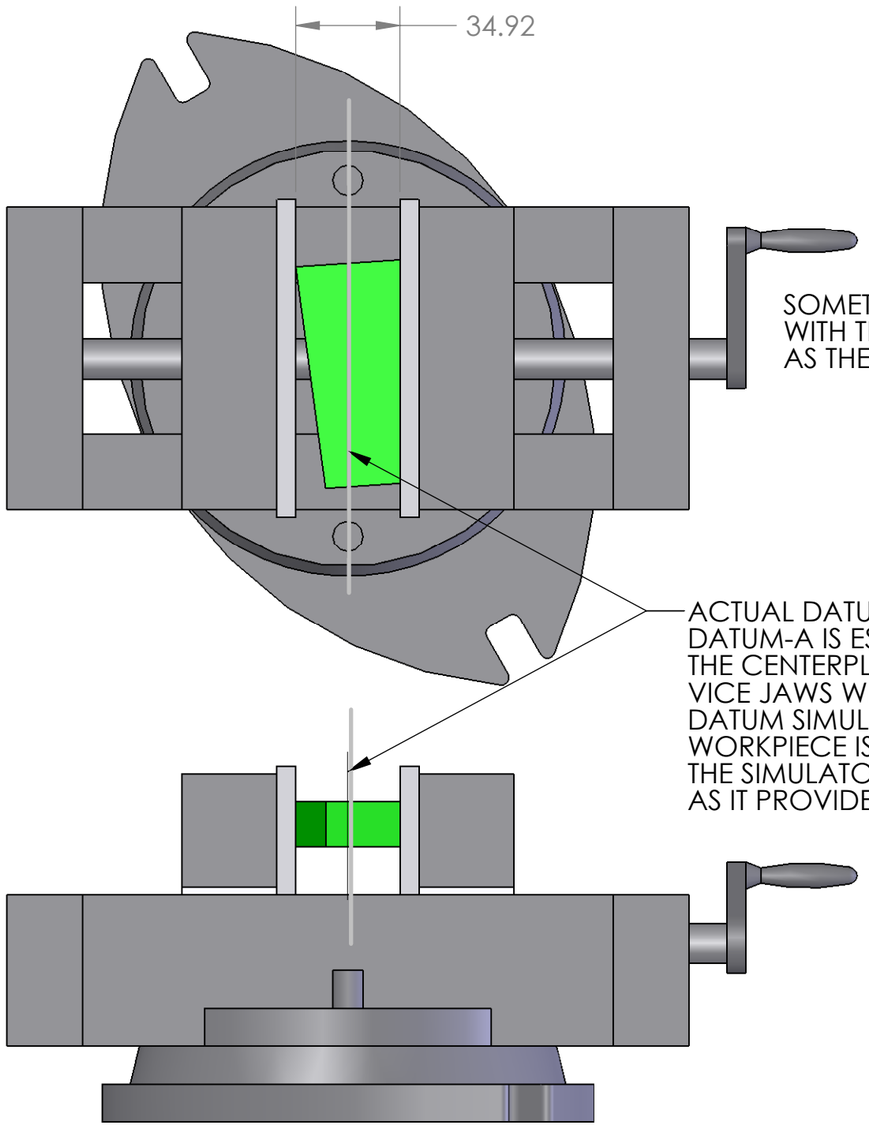
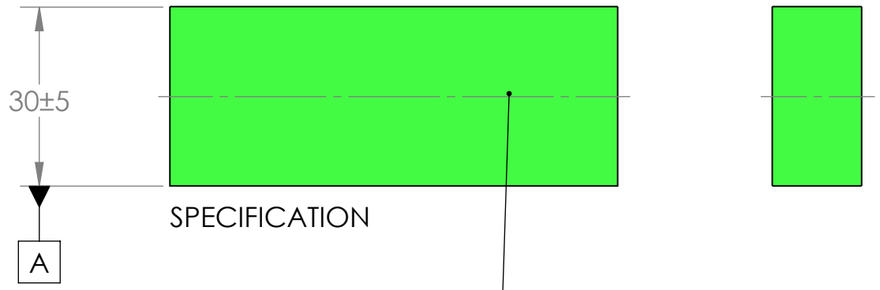
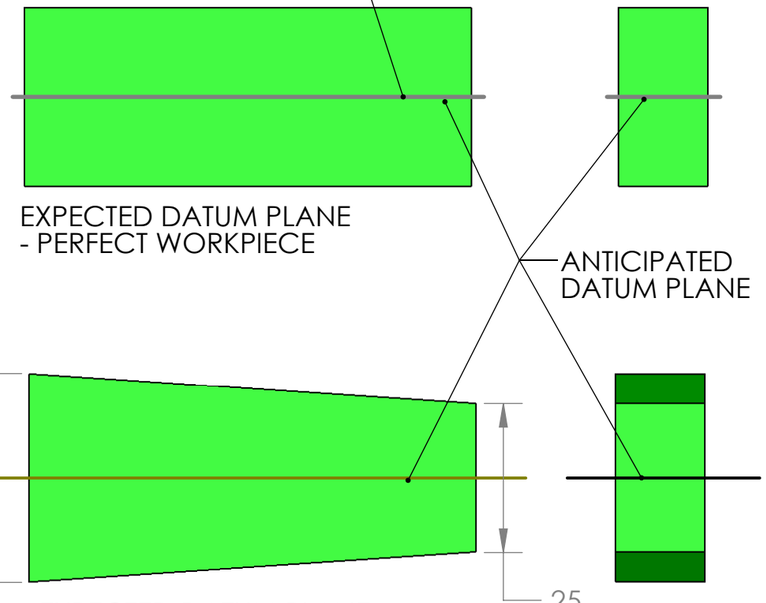


ACTUAL DATUM PLANE
DATUM-A IS ESTABLISHED AS THE CENTERPLANE OF THE VICE JAWS WHICH ARE THE DATUM SIMULATOR WHEN THE WORKPIECE IS ENGAGED WITH THE SIMULATOR IN SUCH A WAY AS IT PROVIDES MINIMUM ROCK

SOMETIMES A CENTERLINE, WHICH APPEARS COLINEAR WITH THE EXPECTED DATUM PLANE, WILL BE MISINTERPRETED AS THE CENTERPLANE OF THE FEATURE OF SIZE, AS DEPICTED BELOW.

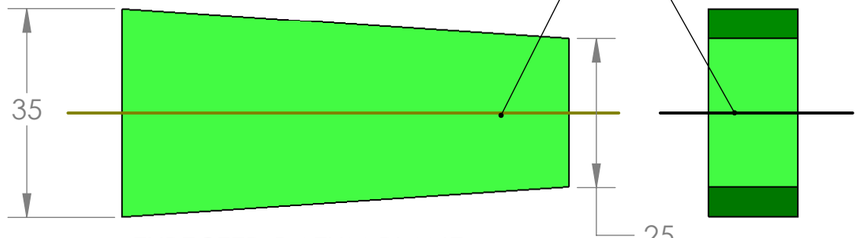


SPECIFICATION



EXPECTED DATUM PLANE
- PERFECT WORKPIECE

ANTICIPATED DATUM PLANE



EXPECTED DATUM PLANE
- ACTUAL WORKPIECE

REV 0
DWG. NO. THD1103_237533

REV	DATE Y/M/D	DESCRIPTION	
			DWN
			CKD
			DWN
			CKD
			DWN
			CKD
			DWN
			CKD
			DWN
			CKD

UNLESS OTHERWISE SPECIFIED
GD&T PER ASME Y14.5M-1994
CAD MODEL IS BASIC

GENERAL TOLERANCE
TAP HOLES
CHAMFERS ± X45°
FILLETS R ±
BREAK SHARP R ± **OR** ± X45°
SHARP R MAX **OR** X 45° MAX WITH NO BURR PERMISSIBLE

DIMENSIONS ARE IN MILLIMETERS

DIMENSIONS IN SQUARE BRACKETS ARE IN INCHES [INCH]

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MATERIAL
ENTER SPEC

FINISH
ENTER SPEC

DO NOT SCALE DRAWING

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TITLE:
CENTERLINE VS DATUM PLANE

SIZE	DWG. NO.	REV
B	THD1103_237533	0

SCALE: 1:1 | WEIGHT: N/A | SHEET 1 OF 1