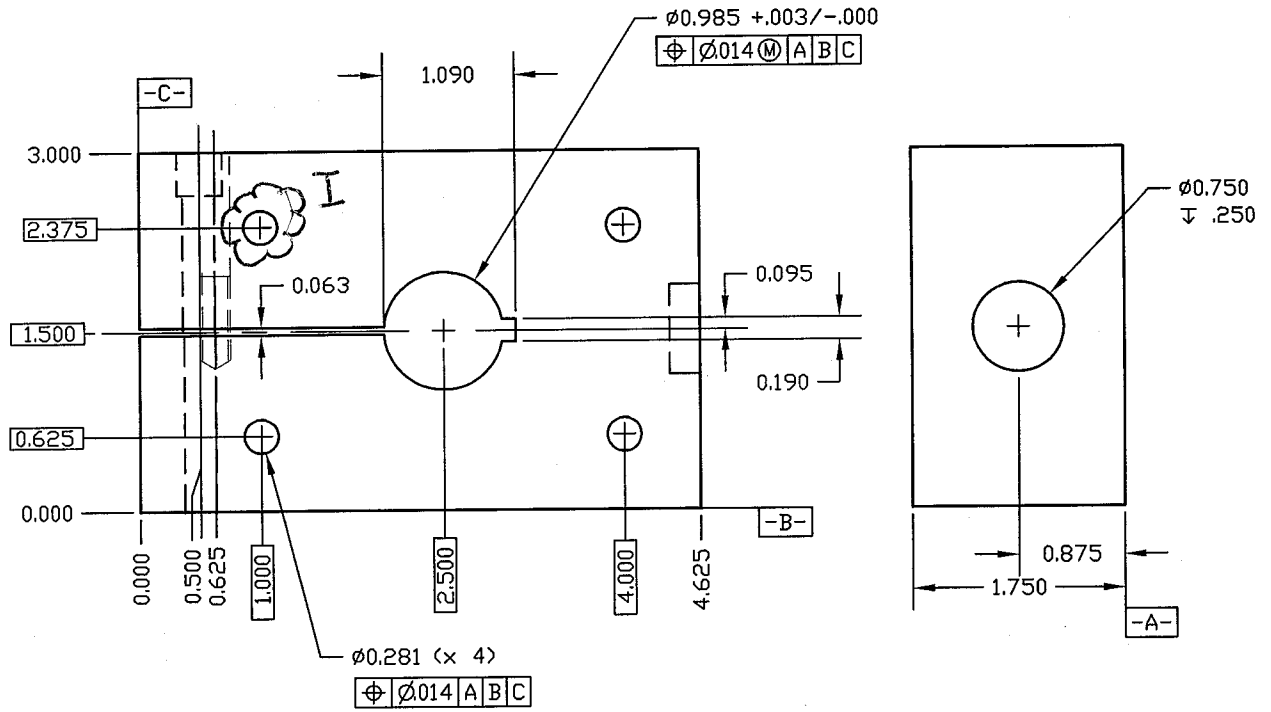
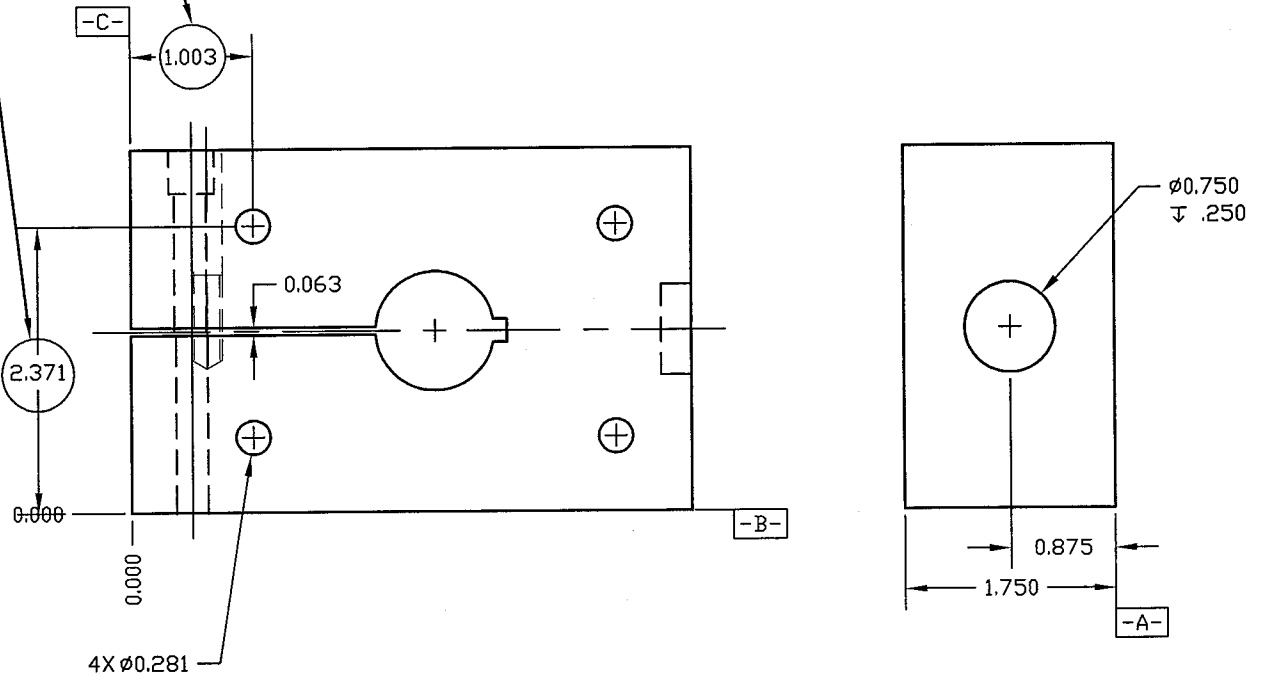


DRAWING



ACTUAL LOCATION MEASUREMENTS

CASE I



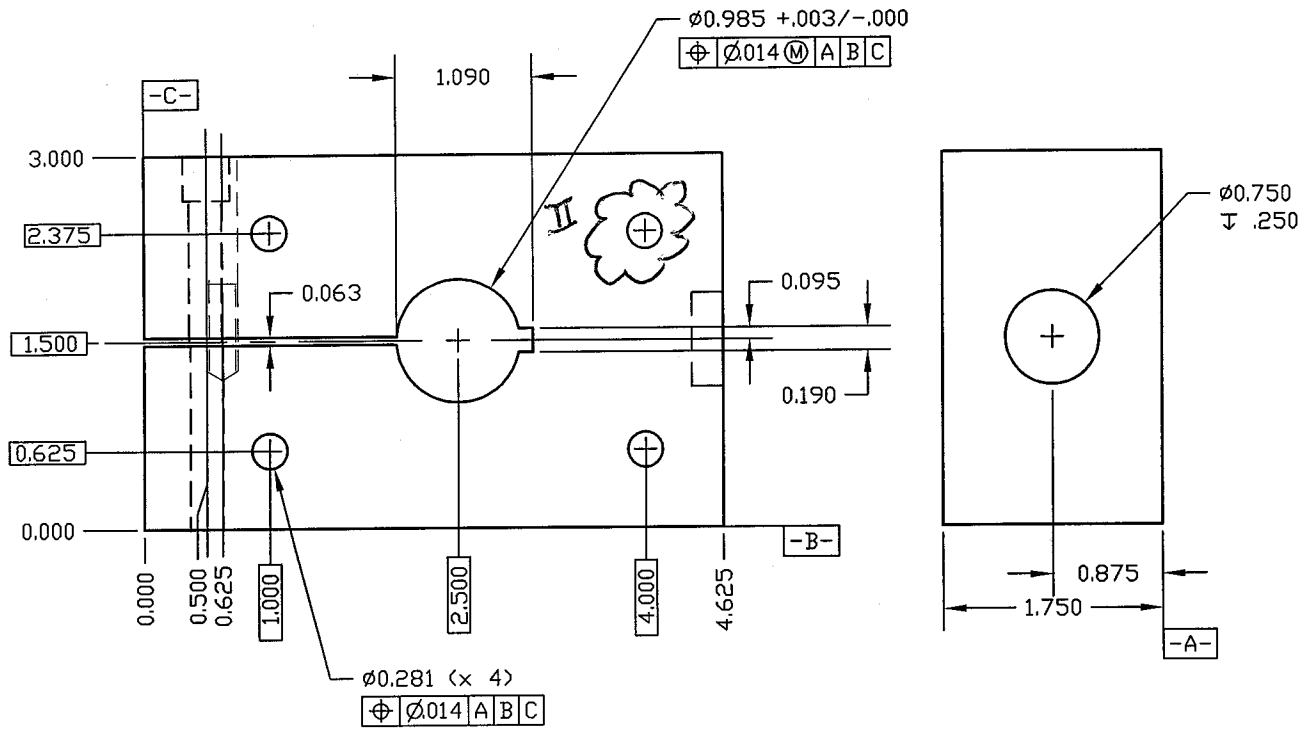
COORDINATE MEASUREMENTS CONVERSION TO "TOP" FORMAT

$$2\sqrt{\Delta X^2 + \Delta Y^2}$$

CASE 1

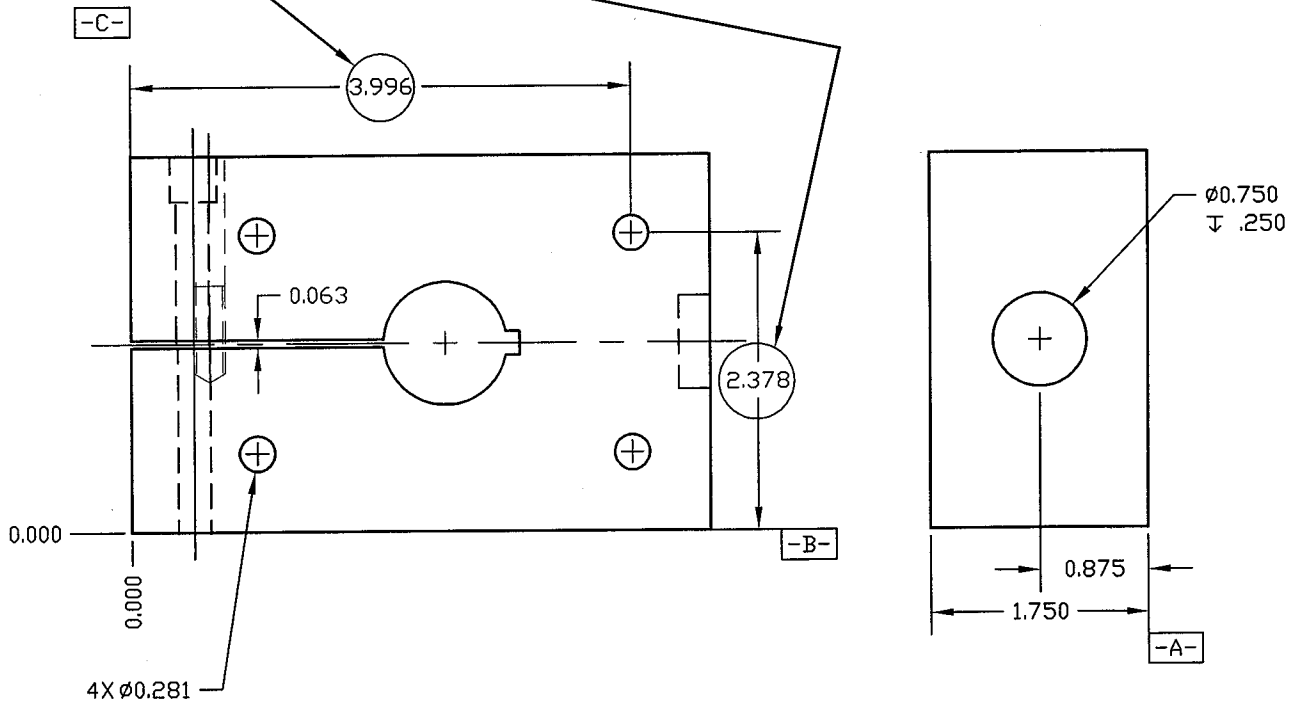
	"X"	"Y"
Nominal (True Position)	1.000	2.375
Actual Position	1.003	2.371
Departure from True Position	0.003	0.004
Departure Squared	0.000009	0.000016
Sum of Squares	0.000025	
Square Root of Sum (= Hypotenuse = Radius)	R .005	
Sum x 2 = Dia. of Tolerance Zone	∅ .010	
Dia smaller than <u>.014</u> tol. = In Tol. Dia larger than <u>.014</u> tol. = Out of Tol	IN <u>X</u>	OUT _____

DRAWING

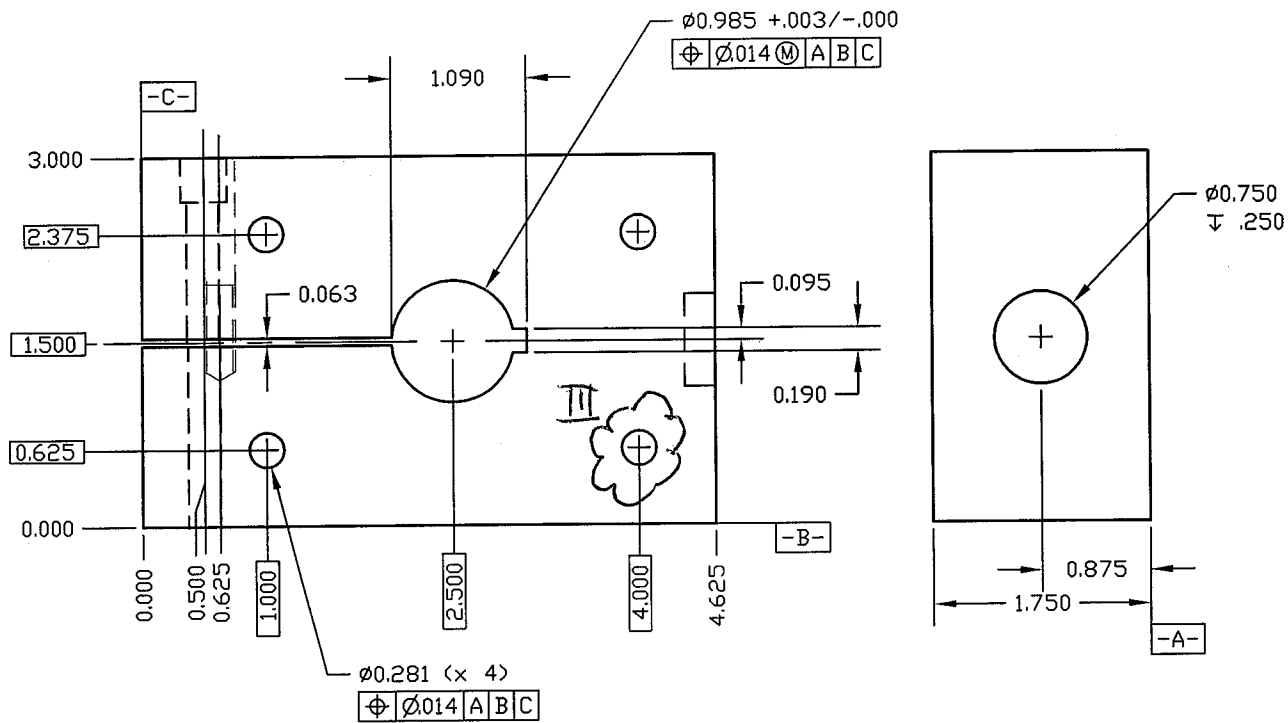


ACTUAL LOCATION MEASUREMENTS

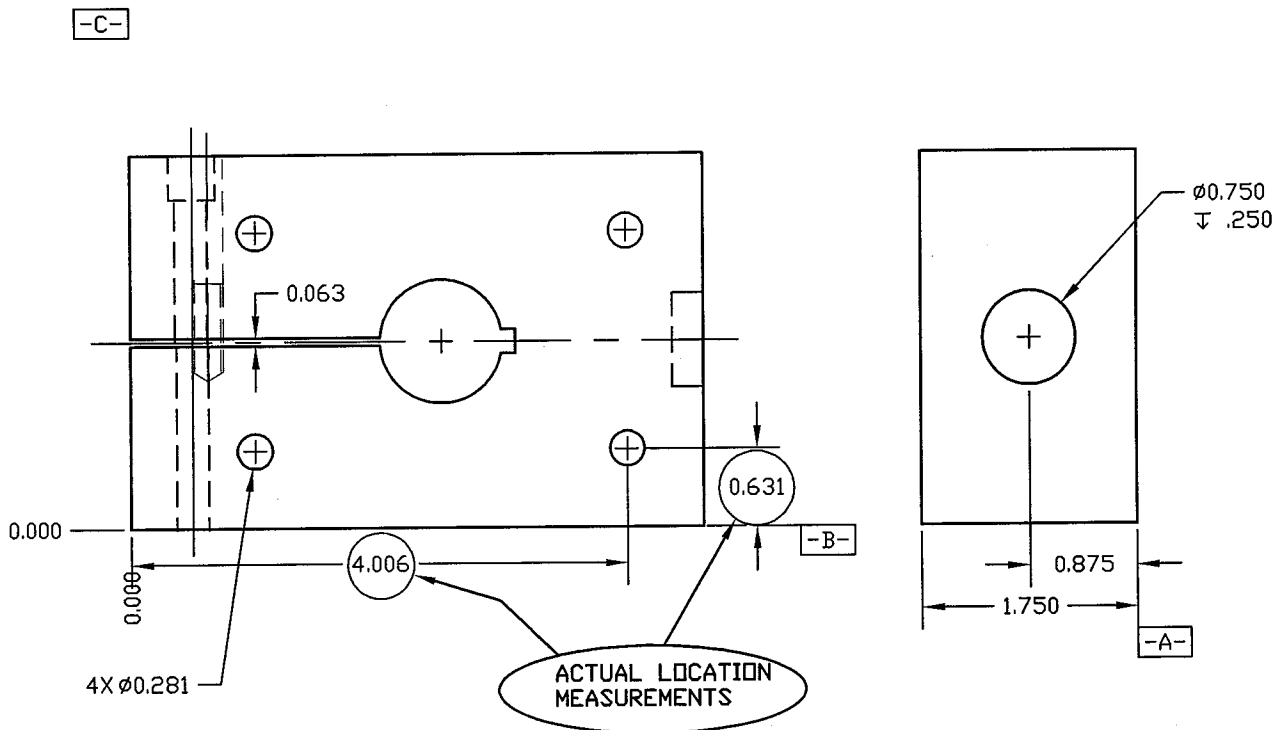
CASE II



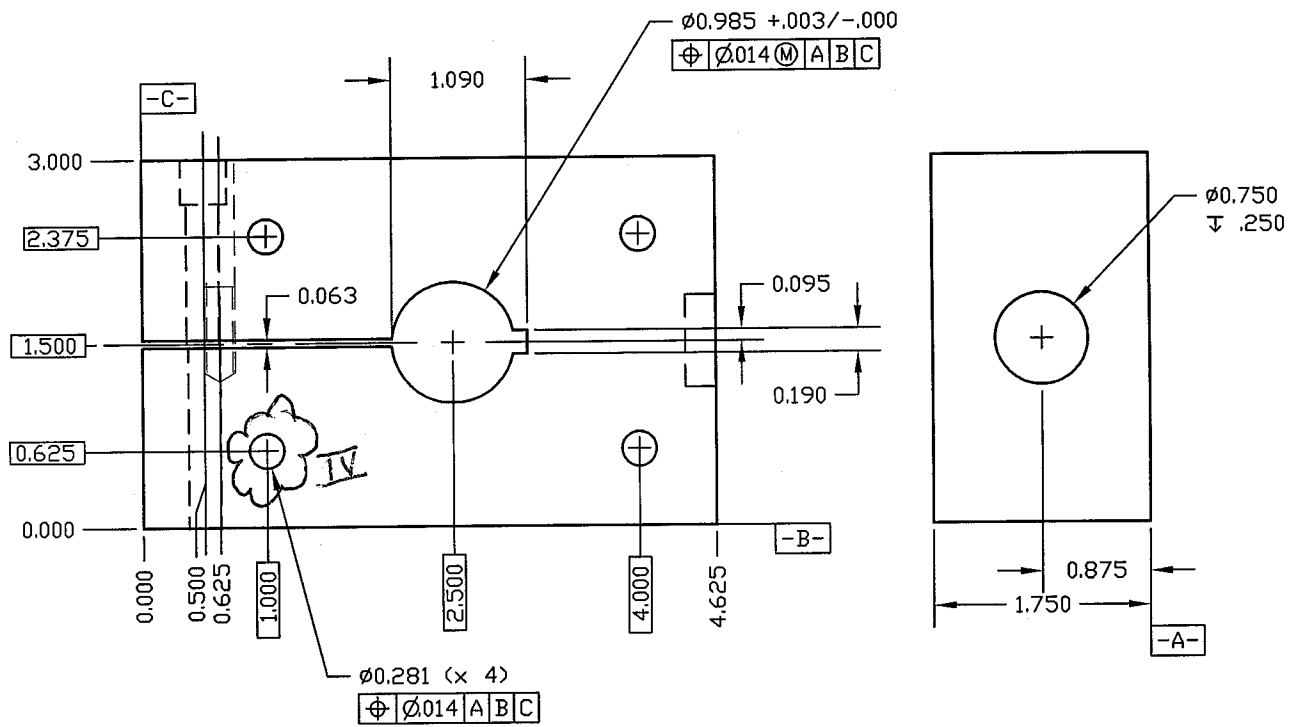
DRAWING



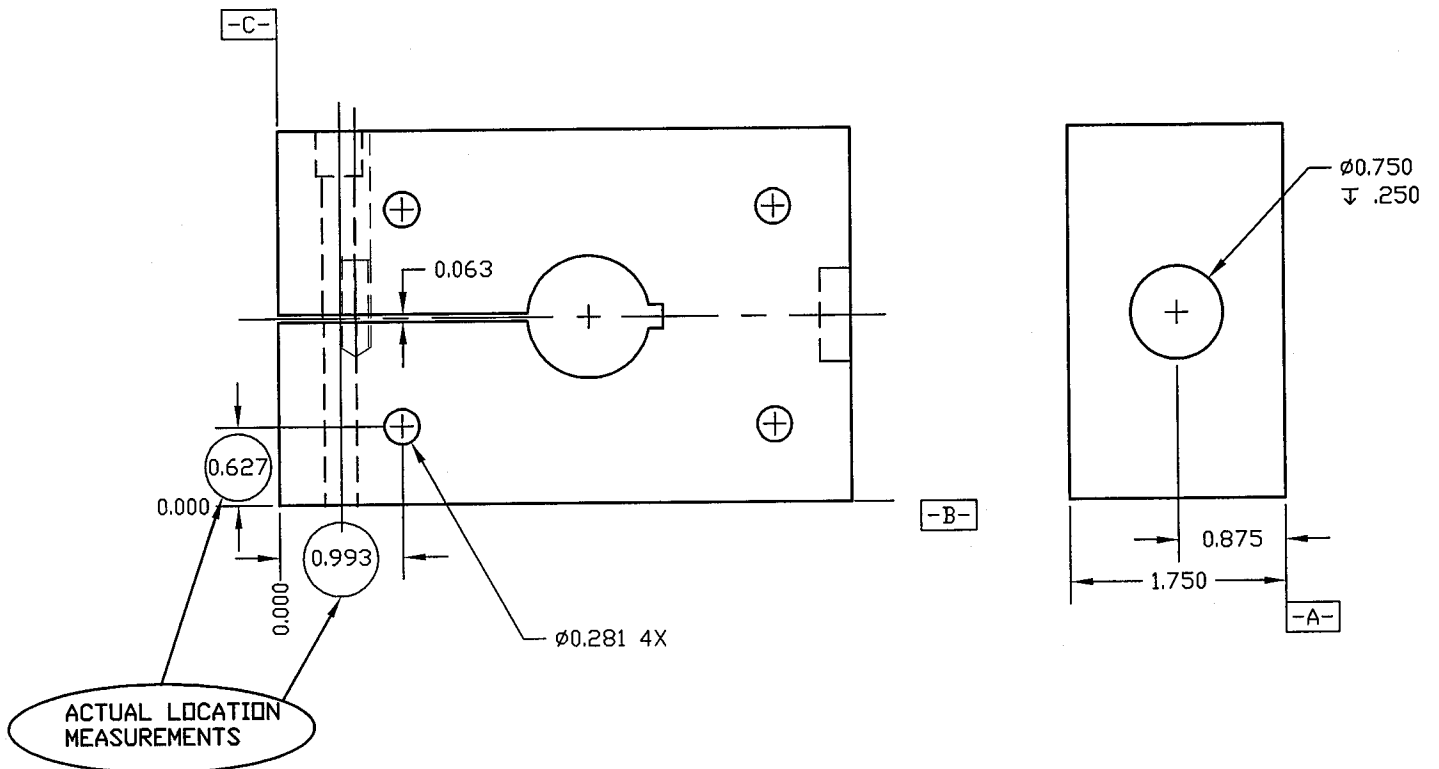
CASE III



DRAWING



CASE IV



CASE II

	"X"	"Y"
Nominal (True Position)	_____	_____
Actual Position	_____	_____
Departure from True Position	<input type="text"/>	<input type="text"/>
Departure Squared	_____	_____
Sum of Squares	_____	
Square Root of Sum (= Hypotenuse = Radius)	_____	
Sum x 2 = Dia. of Tolerance Zone	_____	
Dia smaller than .014 tol. = In Tol. Dia larger than .014 tol. = Out of Tol	IN _____	OUT _____

CASE III

	"X"	"Y"
Nominal (True Position)	_____	_____
Actual Position	_____	_____
Departure from True Position	<input type="text"/>	<input type="text"/>
Departure Squared	_____	_____
Sum of Squares	_____	
Square Root of Sum (= Hypotenuse = Radius)	_____	
Sum x 2 = Dia. of Tolerance Zone	_____	
Dia smaller than .014 tol. = In Tol. Dia larger than .014 tol. = Out of Tol	IN _____	OUT _____

CASE IV

	"X"	"Y"
Nominal (True Position)	_____	_____
Actual Position	_____	_____
Departure from True Position	<input type="text"/>	<input type="text"/>
Departure Squared	_____	_____
Sum of Squares	_____	
Square Root of Sum (= Hypotenuse = Radius)	_____	
Sum x 2 = Dia. of Tolerance Zone	_____	
Dia smaller than .014 tol. = In Tol. Dia larger than .014 tol. = Out of Tol	IN _____	OUT _____