

Cut list for small vise project

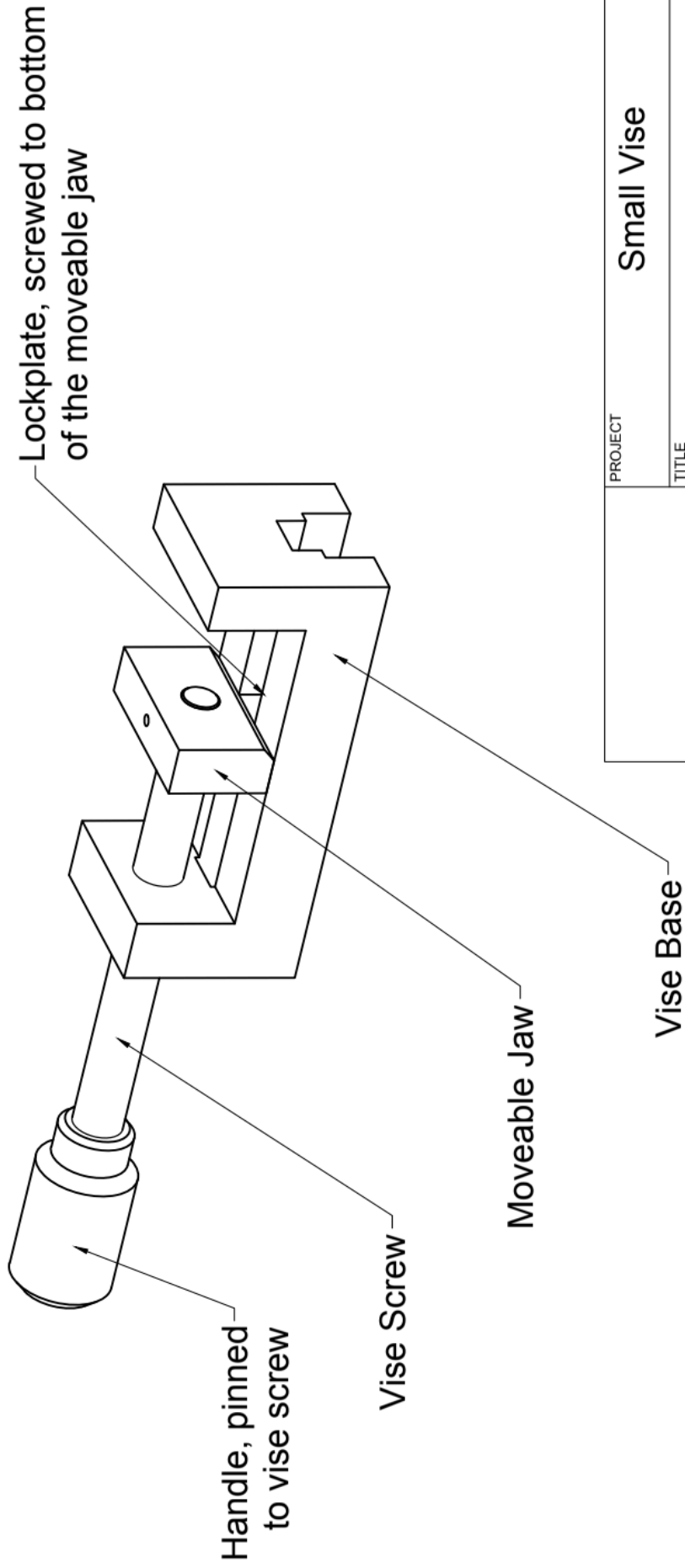
.375" square brass bar x 1.0" long

1" DIA. Brass bar x 6.0" long

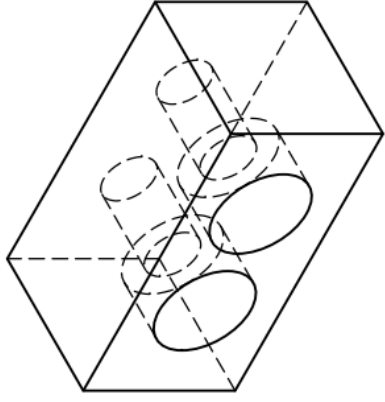
1/2-13 threaded rod x 6.0" long

.50" x 1.75" x 1.625" steel

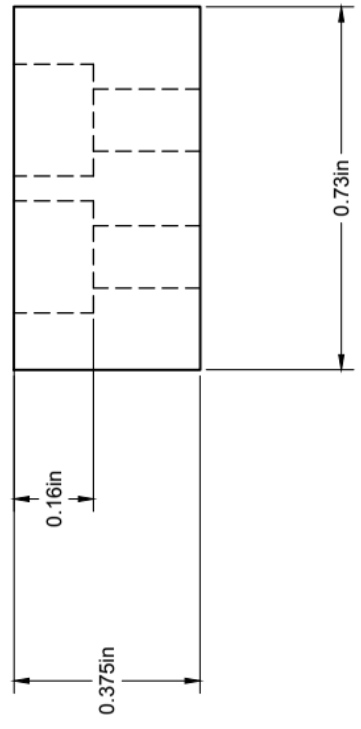
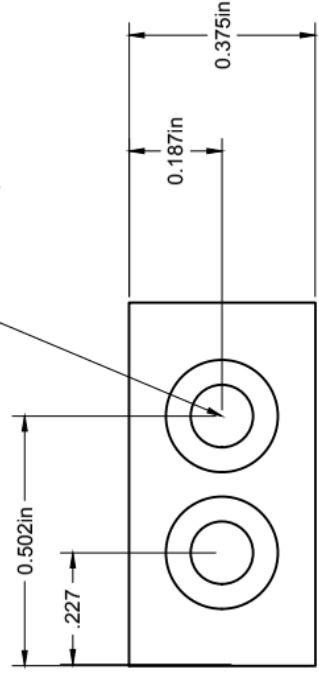
'1.75" square steel bar x 4.8" long



PROJECT		Small Vise			
TITLE		Assembly Drawing			
APPROVED	SIZE	CODE	DWG NO	REV	
CHECKED					
DRAWN	SCALE	WEIGHT	SHEET		

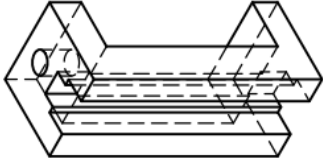
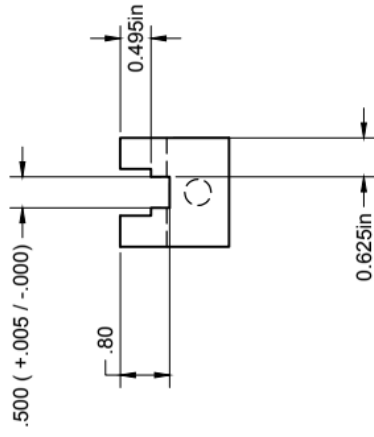
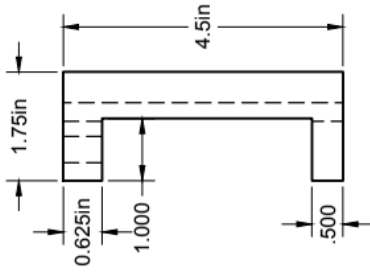
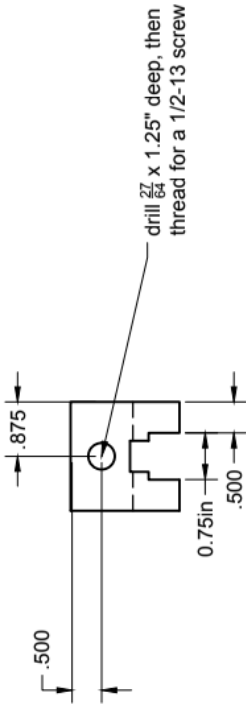


drill .12" DIA. hole through and counterbore for a #4 SHCS, 2 places as shown



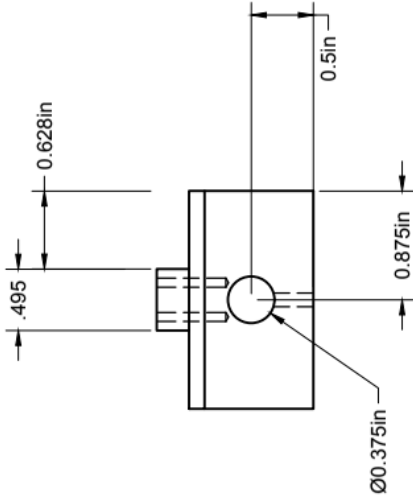
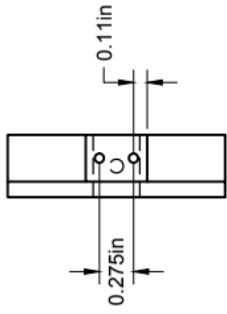
remove all burrs and break sharp edges

tolerances unless otherwise noted		PROJECT	small vise project	
X = +/- .015	XX = +/- .01	TITLE	lock plate, make from brass part #1	
XXX = +/- .005	XXXX = +/- .0005	SIZE	CODE	DWG NO
units are inches		CHECKED	SCALE	WEIGHT
APPROVED		DRAWN	spc 11/4/2015	
			SHEET	

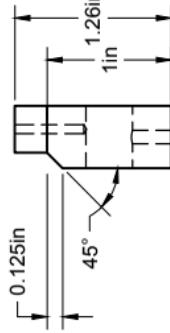


remove all burrs and sharp edges

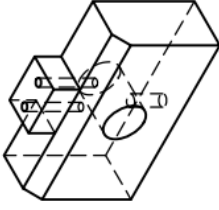
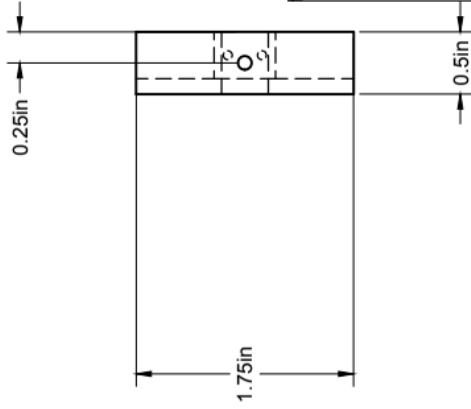
tolerances, unless otherwise noted		PROJECT	
.X = +/- .015	.XX = +/- .01	SIZE	CODE
.XXX = +/- .005	.XXXX = +/- .0005	SCALE	WEIGHT
units are inches		APPROVED	DWG NO
		CHECKED	REV
		DRAWN	SHEET
		small vise	
		main body, make from steel part #5	
		spc 11/4/2015	



drill #43 x .55 deep, then tap for a #4-40 screw. 2 places as shown



drill #36 through to .375 hole, then tap for a #6-32 screw thread



break all burrs and remove all sharp edges

tolerances, unless otherwise noted

X = +/- .015
 XX = +/- .01
 .XXX = +/- .005
 .XXXX = +/- .0005
 units are inches

PROJECT

small vise

TITLE

moveable jaw, make from steel part #4

APPROVED

CHECKED

DRAWN spc 11/4/2015

SIZE

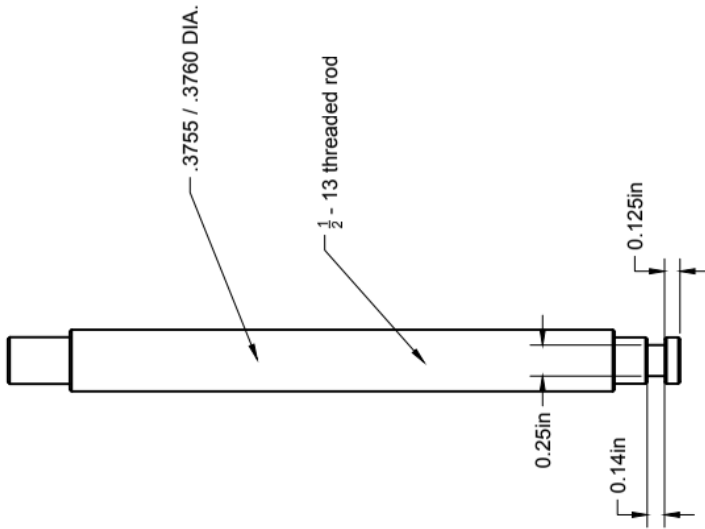
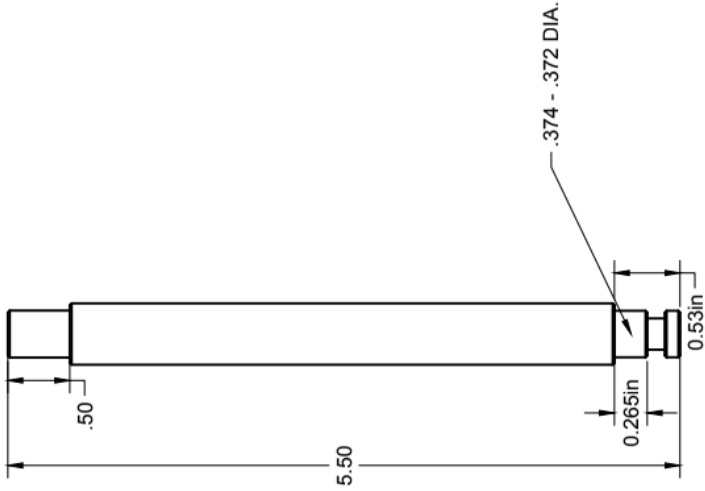
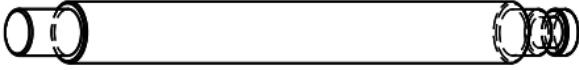
CODE

REV

SCALE

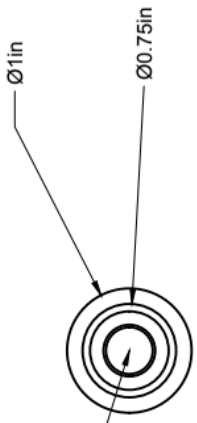
WEIGHT

SHEET

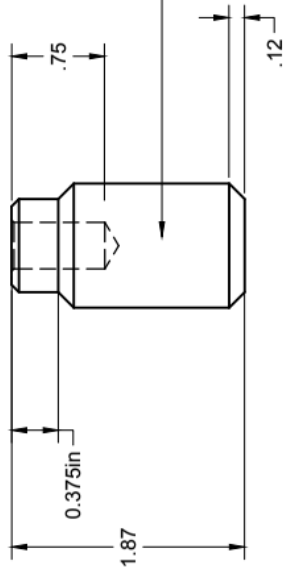


remove all burrs and sharp edges

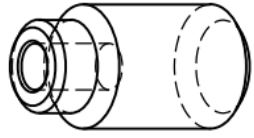
Tolerances unless otherwise noted		PROJECT		small vise	
X = +/- .015		TITLE		lead screw, make from steel 1/2-13 threaded rod	
XX = +/- .01		SIZE		CODE	
XXX = +/- .005		DRAWN		DWG NO	
XXXX = +/- .0005		CHECKED		REV	
units are inches		SCALE		WEIGHT	
APPROVED		spc 11/4/2015		SHEET	
DRAWN					



drill $\frac{3}{32}$ DIA. x .75" deep
then ream hole to .3750 DIA



create a diamond knurl on
the 1" Diameter



remove all burrs and sharp edges

Tolerances unless otherwise noted		PROJECT		small vise	
X = +/- .015		TITLE		handle, make from brass	
XX = +/- .01		SIZE		CODE	
XXX = +/- .005		CHECKED		DWG NO	
XXXX = +/- .0005		DRAWN		SCALE	
units are inches		spc 11/4/2015		WEIGHT	
APPROVED		SCALE		SHEET	
CHECKED		SCALE		SHEET	
DRAWN		SCALE		SHEET	