Large vise project cut list

Steel, 3.5” x .38” x 7.125” 1 piece

Steel, 1.75” x .75” x 3.75” 2 pieces

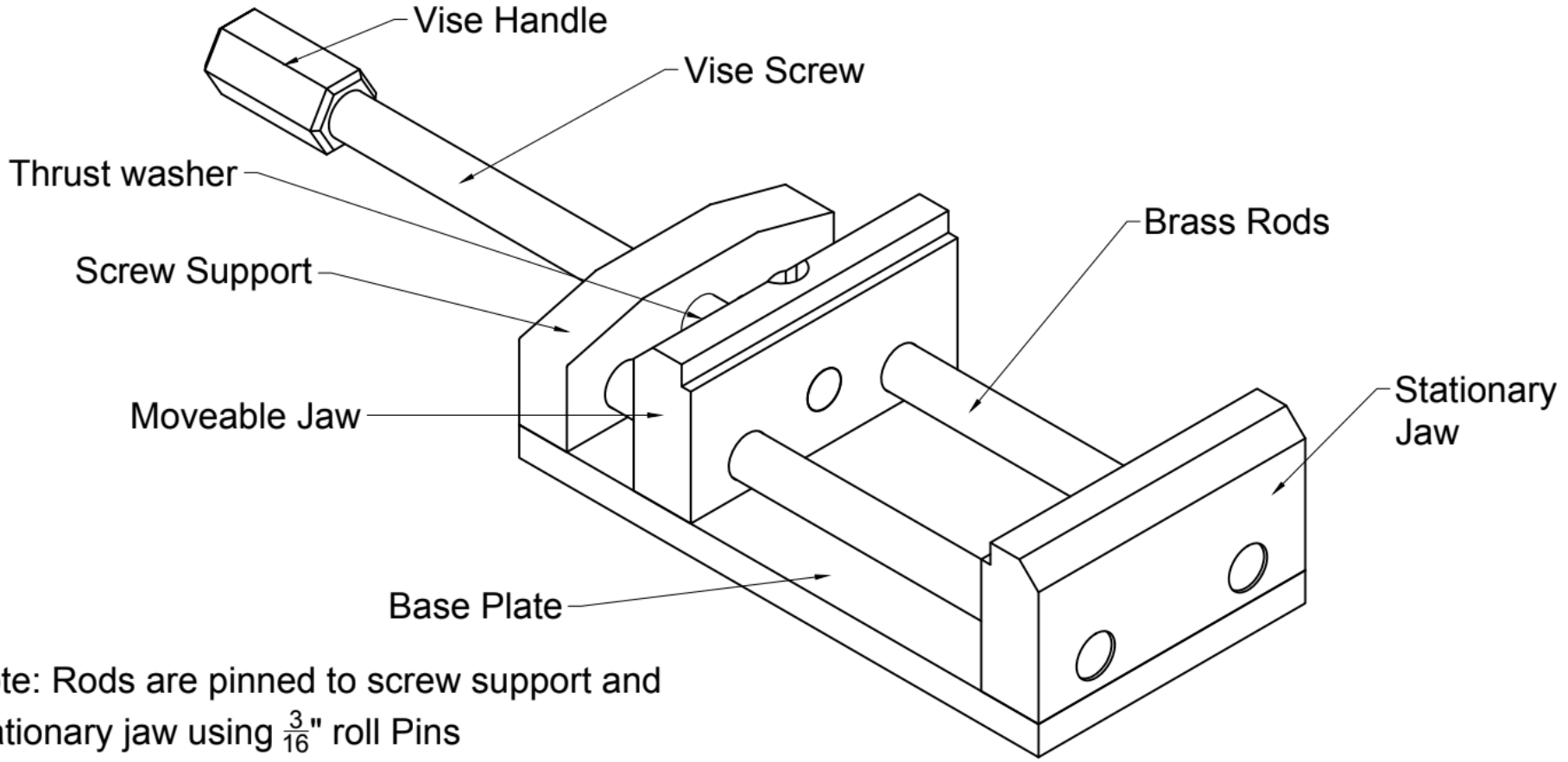
Steel, 1.25” x .625” x 3.75” 1 piece

1⁄2-13 threaded rod x 7.125” 1 piece

Brass, .50” DIA. X 7.125” L 2 pieces

Alum. Hex stock, .75”/1” x 1.75”L 1 piece

Brass, 1” DIA. X .50” L 1 piece

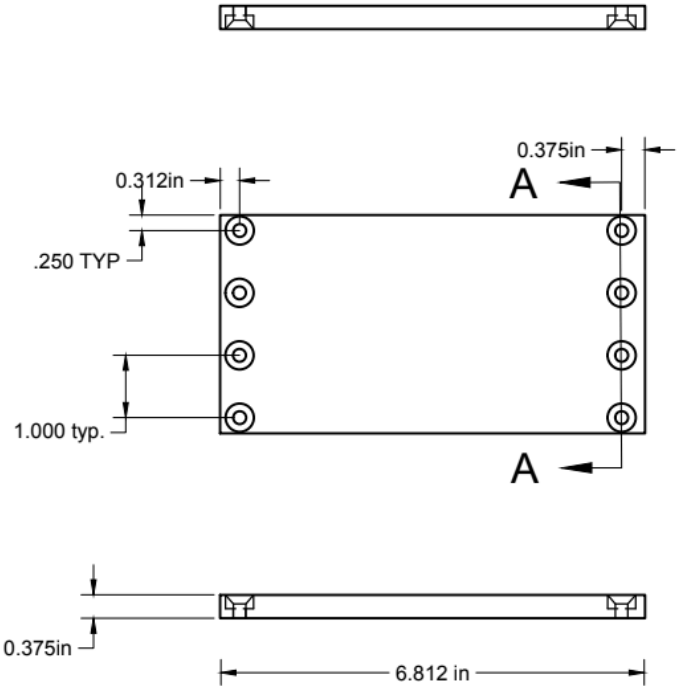


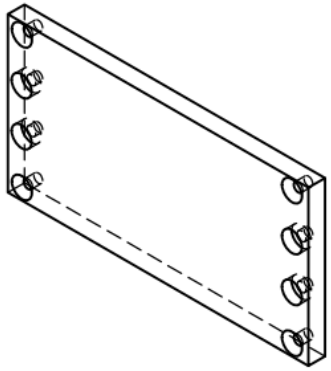
Note: Rods are pinned to screw support and stationary jaw using $\frac{3}{16}$" roll Pins

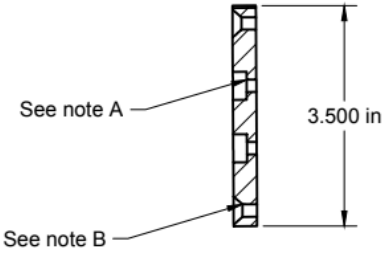
Vise handle is pressed onto screw, then pinned using $\frac{1}{8}$" roll pin

Thrust washer is pinned to screw using $\frac{1}{8}$" roll pin

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







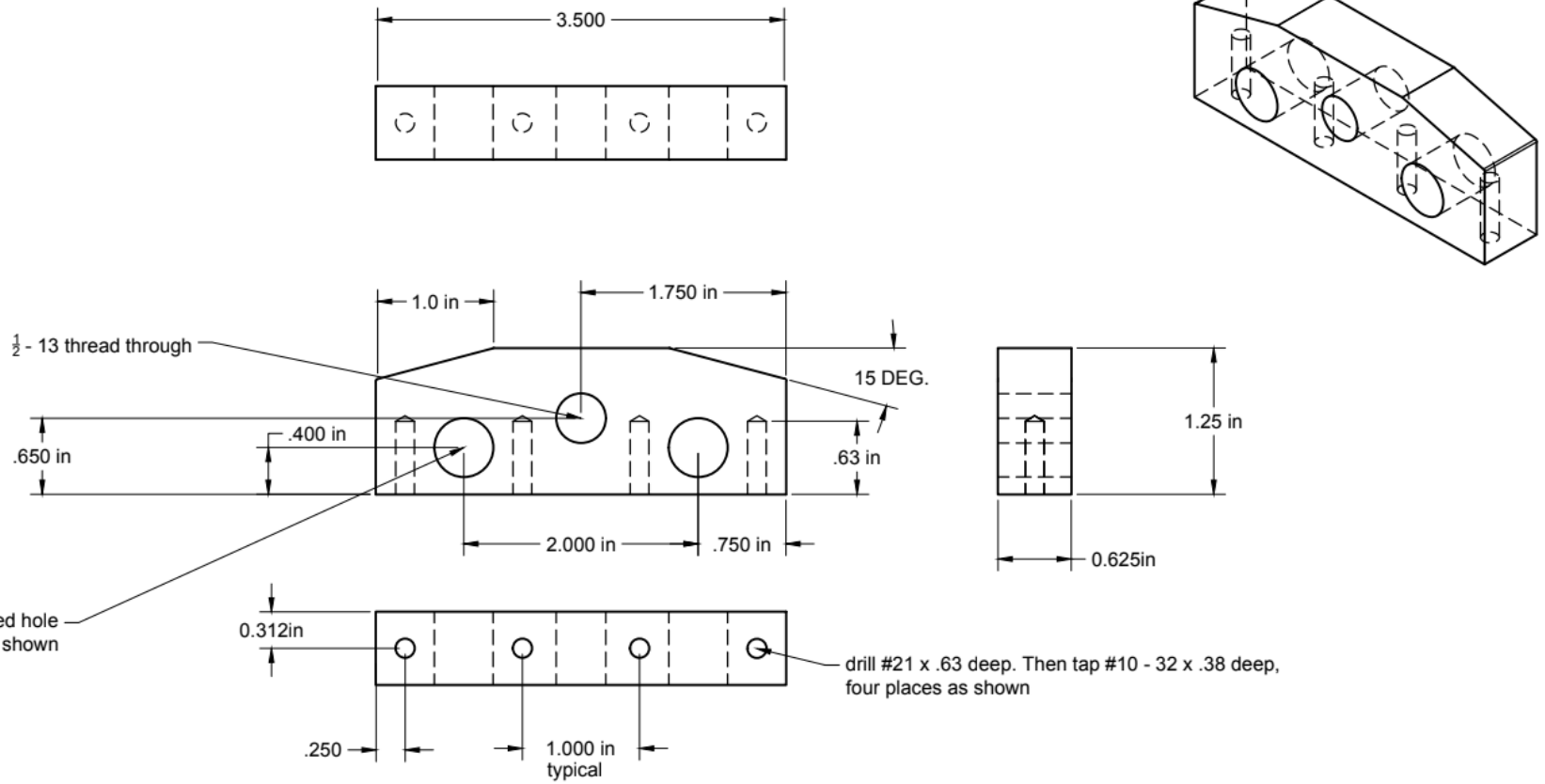
SECTION A-A
SCALE 1:2

Note A:
4 interior holes are drilled
.201 DIA. and counterbored
for a #10 SHCS

Note B:
4 Corner holes are drilled
.201 DIA. and countersunk
for a #10 flat HD. screw

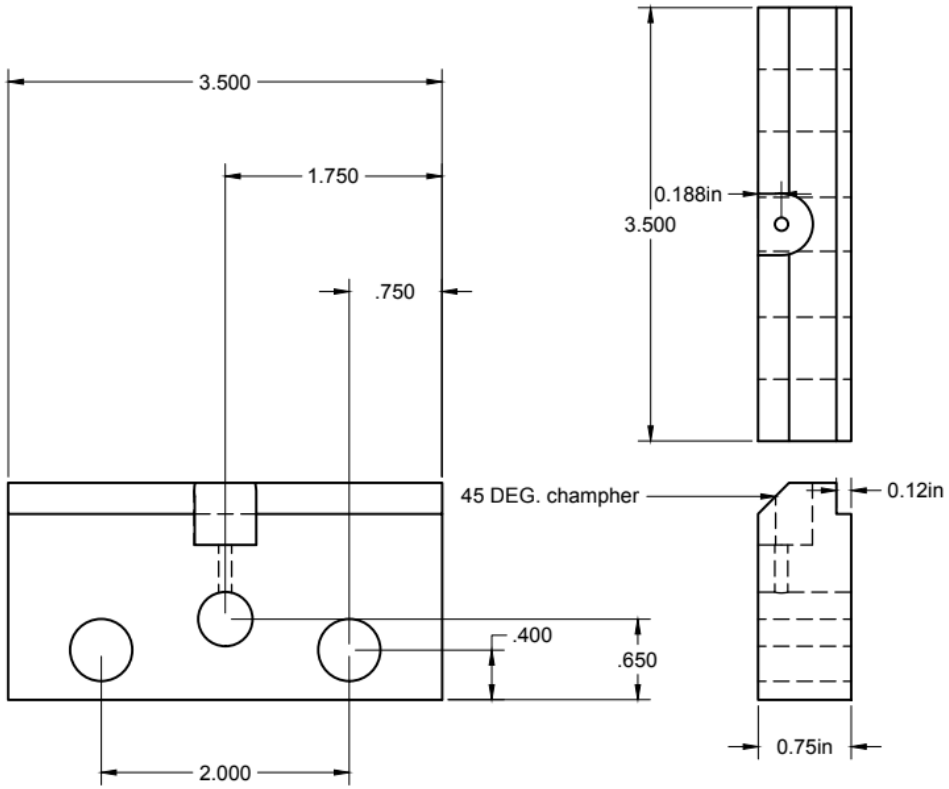
remove all burrs and sharp edges

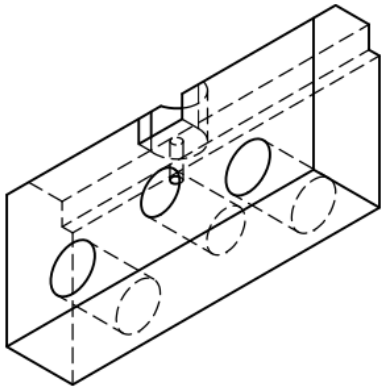
tolerances unless otherwise noted .X = +/- .015 .XX = +/- .01 .XXX = +/- .005 .XXXX = +/- .0005 units are inches	PROJECT: Large Vise				
	TITLE: Base Plate, make from steel Part #3				
APPROVED	SIZE	CODE	DWG NO		REV
CHECKED					
DRAWN spc 11/9/2015	SCALE	WEIGHT	SHEET		

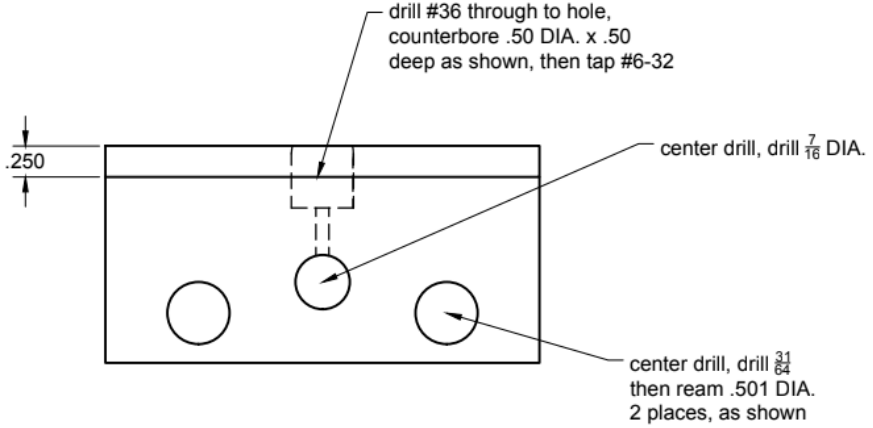


remove all burrs and sharp edges

tolerances, unless otherwise noted .X = +/- .015 .XX = +/- .01 .XXX = +/- .005 .XXXX = +/- .0005 units are inches	PROJECT Large Vise				
	TITLE screw support, make from steel part #4				
APPROVED	SIZE	CODE	DWG NO		REV
CHECKED					
DRAWN spc 11/10/2015	SCALE	WEIGHT	SHEET		

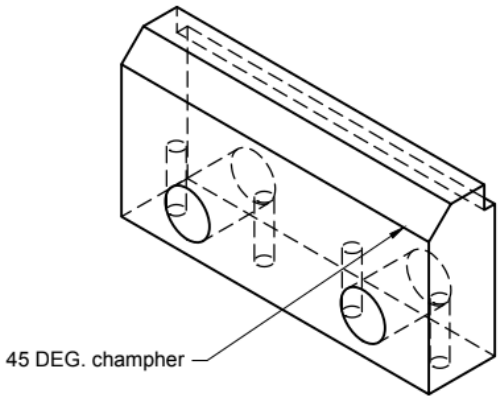


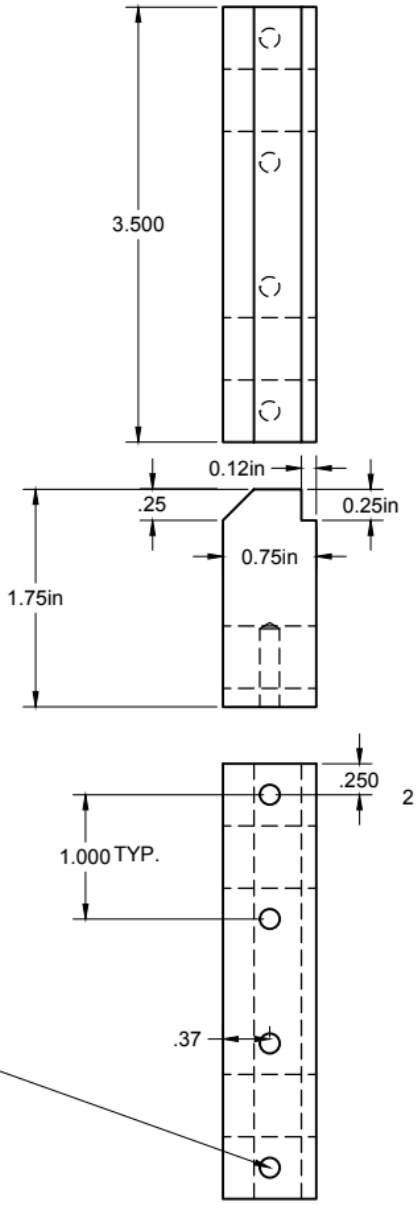


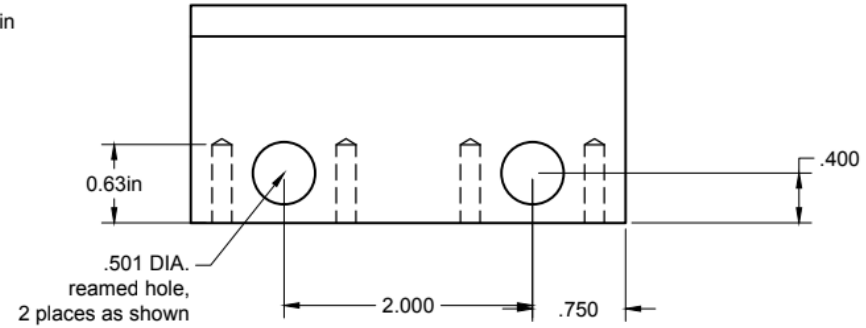


remove all burrs and sharp edges

tolerance, unless otherwise noted .X = +/- .015 .XX = +/- .01 .XXX = +/- .005 .XXXX = +/- .0005 units are inches	PROJECT: large vise project				
	TITLE: moveable jaw, make from steel part # 5				
APPROVED	SIZE	CODE	DWG NO		REV
CHECKED					
DRAWN spc 11/12/2015	SCALE	WEIGHT	SHEET		

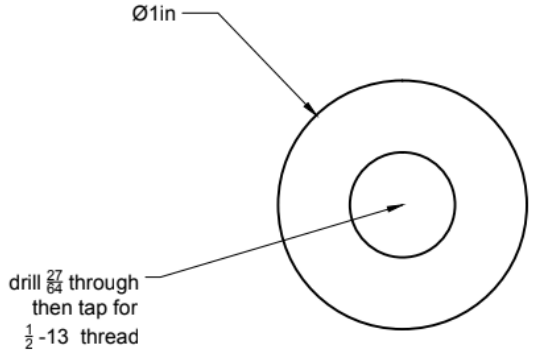


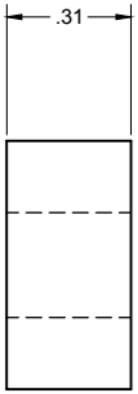


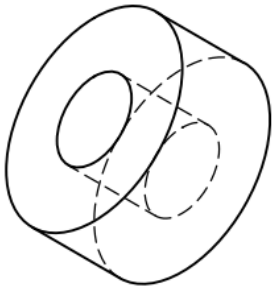


remove all burrs and sharp edges

tolerances, unless otherwise noted .X = +/- .015 .XX = +/- .01 .XXX = +/- .005 .XXXX +/- .0005 units are inches	PROJECT: Large Vise TITLE: stationary jaw, make from steel part #6				
APPROVED	SIZE	CODE	DWG NO		REV
CHECKED					
DRAWN spc 11/12/2015	SCALE	WEIGHT		SHEET	

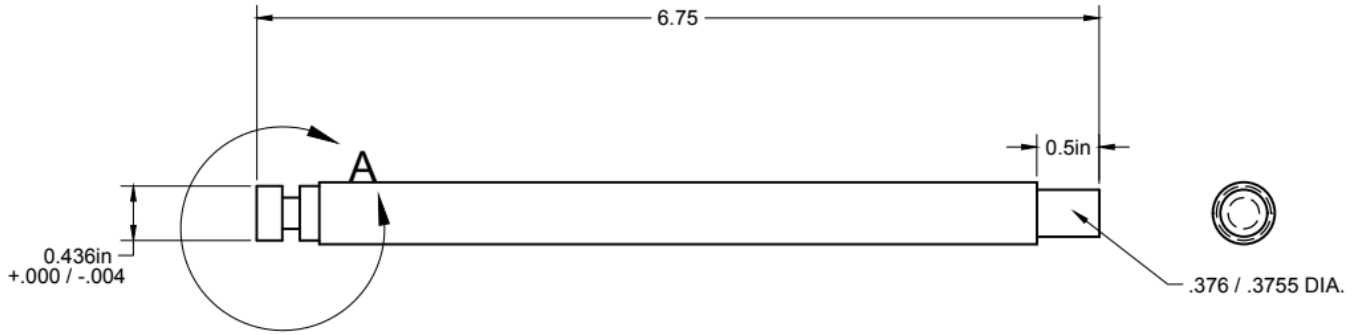


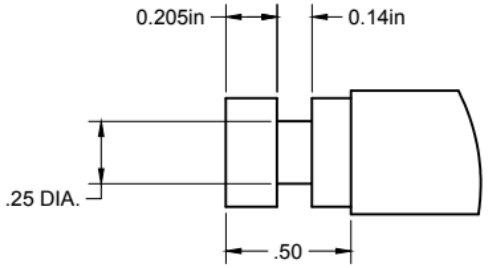


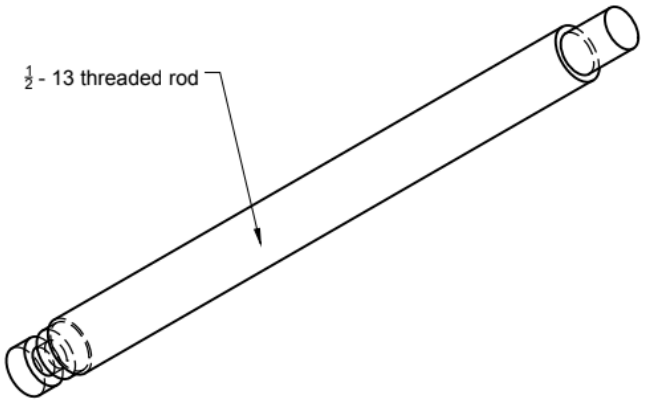


remove all burrs and sharp edges

tolerances unless otherwise noted .X = +/-.015 .XX = +/- .01 .XXX = +/- .005 .XXXX = +/- .0005 units are inches	PROJECT Large Vise				
	TITLE thrust washer, make from Brass Part #7				
APPROVED	SIZE	CODE	DWG NO		REV
CHECKED					
DRAWN spc 11/12/2015	SCALE	WEIGHT		SHEET	



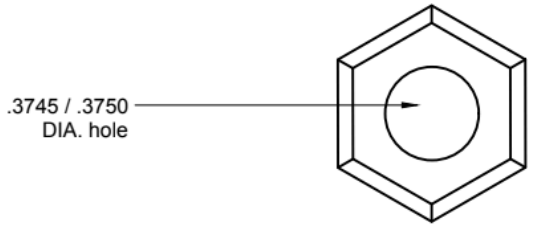


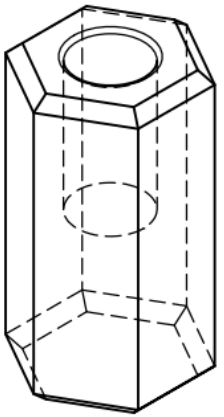


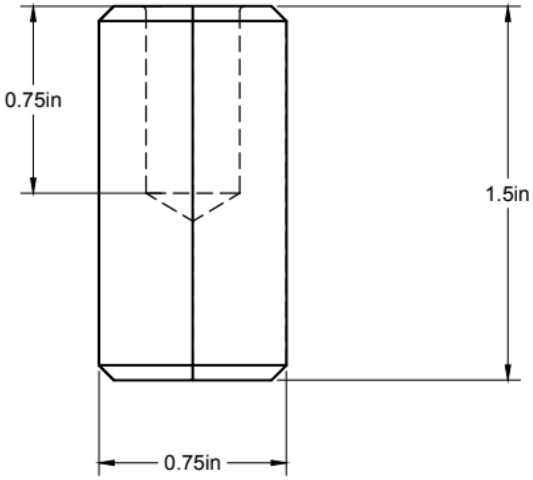
DETAIL A
SCALE 2:1

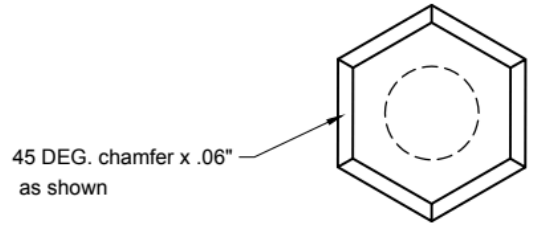
remove all burrs and sharp edges

tolerances, unless otherwise noted .X = +/- .015 .XX = +/- .01 .XXX = +/- .005 .XXXX = +/- .0005 units are inches	PROJECT: Large Vise				
	TITLE: Vise Screw, make from 1/2-13 threaded rod Part #8				
APPROVED	SIZE	CODE	DWG NO		REV
CHECKED					
DRAWN spc 11/13/2015	SCALE	WEIGHT		SHEET	



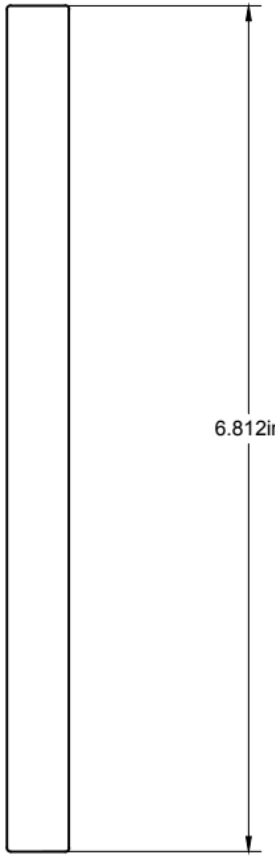






remove all burrs and sharp edges

tolerances unless otherwise noted .X = +/- .015 .XX = +/- .01 .XXX = +/- .005 .XXXX = +/- .0005 units are inches	PROJECT Large Vise			
	TITLE Handle, make from Aluminum hex stock Part #1			
APPROVED	SIZE	CODE	DWG NO	REV
CHECKED				
DRAWN spc 11/9/2015	SCALE	WEIGHT	SHEET	



tolerances unless otherwise noted .XXX = +/- .005 unite are inches	PROJECT: Large Vise TITLE: Brass Rod, 2 pieces are required Part #2				
APPROVED	SIZE	CODE	DWG NO		REV
CHECKED					
DRAWN spc 11/9/2015	SCALE	WEIGHT	SHEET		