

CHECKED D&E 9/5/12 FRACTIONAL ± 1/32" ANGULAR: MACH± .5 BEND ± ENG APPR. TWO PLACE DECIMAL ± .01 THREE PLACE DECIMAL ± .005 MFG APPR. INTERPRET DRAWING PER: ASME Y14.5-1994 QUAL APPR. Steel/Acrylic COMMENTS: FINISH

NAME

DATE

7/16/09

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES

REMOVE ALL SHARP EDGES AND BURRS

**TOLERANCES:** 

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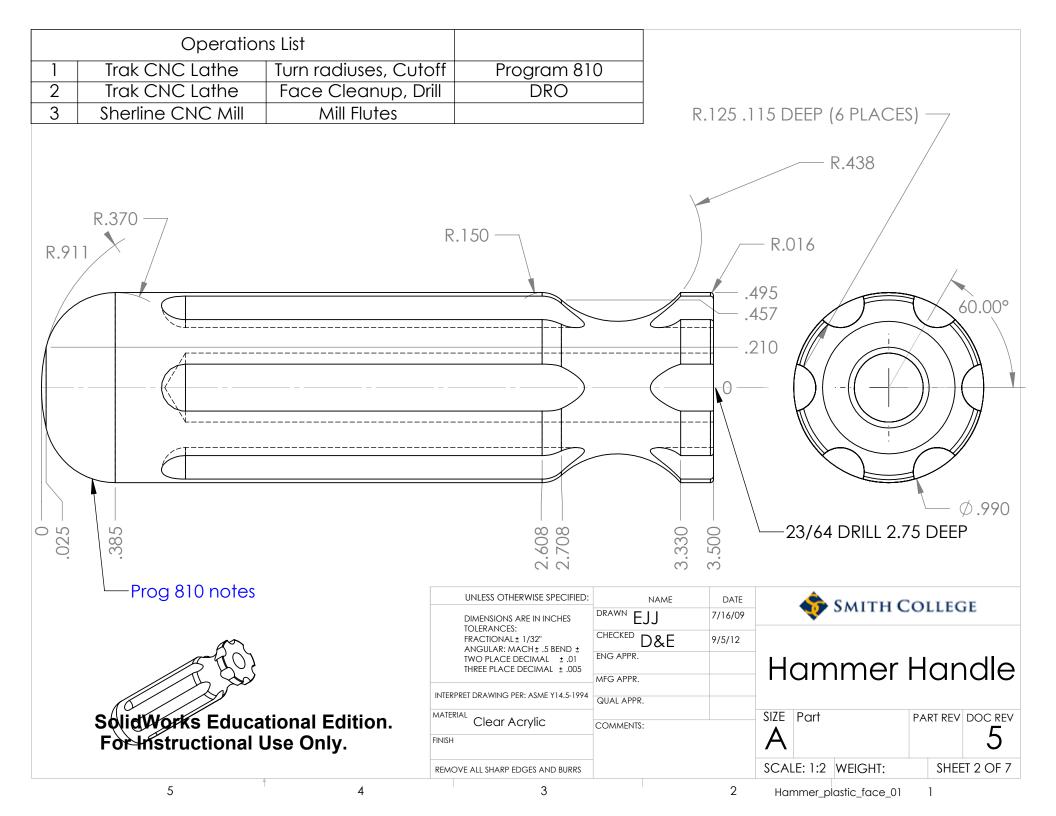
Hammer Assembly SIZE Part PART REV DOC REV

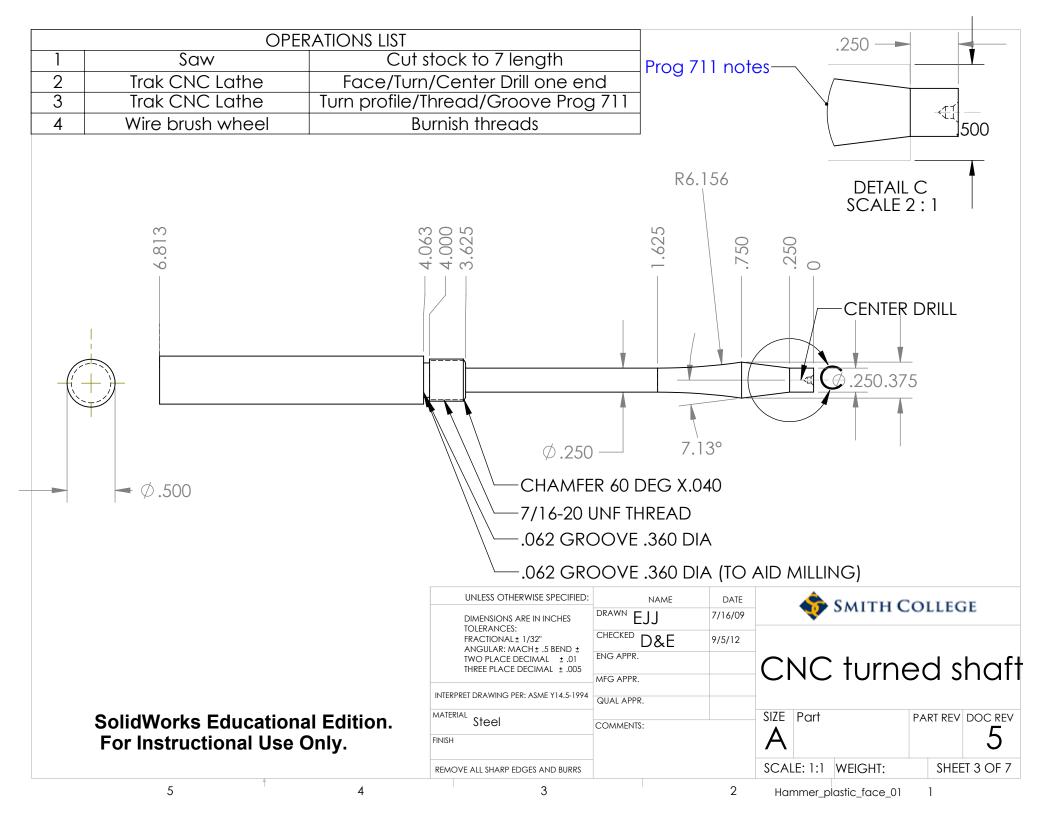
**SMITH COLLEGE** 

SCALE: 2:1 WEIGHT: SHEET 1 OF 7

Hammer\_plastic\_face\_01

3 2





1 Emery cloth 2 Bridgeport Mill 3 Trak Mill 4 Torch/casenite	Machine blade shape/trim end/Engrave e Heat treat and temper blade					
5 Emery cloth	Polish blade faces					
.040	4.37° 250 REMOVE CENTERDRILL MATL  1.38 50	.250				
	UNLESS OTHERWISE SPECIFIED: NAME DATE	FOR				
DIMENSIONS ARE IN INCHES TOLERANCES:  DIAME  DATE  DRAWN EJJ  7/16/09  TOLERANCES:						
	FRACTIONAL ± 1/32" ANGULAR: MACH ± .5 BEND ± TWO PLACE DECIMAL ± .01 THREE PLACE DECIMAL ± .005  MFG APPR.  CHECKED D&E 9/5/12 ENG APPR.  Finished Blade	e Shaft				
	INTERPRET DRAWING PER: ASME Y14.5-1994 QUAL APPR.					

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COMMENTS:

MATERIAL Steel

FINISH

SCALE: 1:1 WEIGHT:

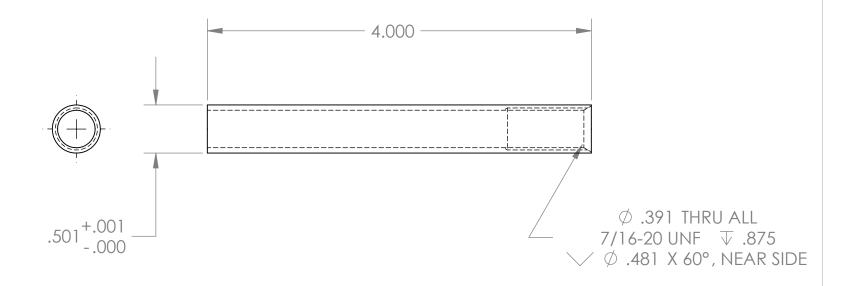
PART REV DOC REV

SHEET 4 OF 7

SIZE Part

2

OPERATIONS LIST						
1	Saw Cut stock to 4-1/8 inch length					
2	2 Engine Lathe Face end/Countersink					
3	Engine Lathe	Drill				
4	Engine Lathe	Tap (Use tap guide, tailstock)				
5	Engine Lathe	Turn Diameter				





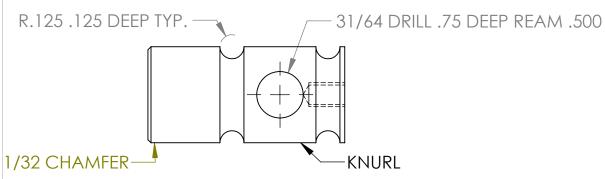
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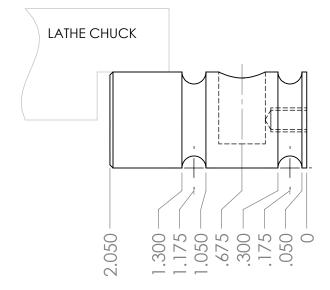
UNLESS OTHERWISE SPECIFIED:	NAME	DATE	SMITH COLLEGE					
DIMENSIONS ARE IN INCHES	DRAWN EJJ	7/16/09	3MTH COLL			LLEC	) L	
TOLERANCES:  FRACTIONAL ± 1/32"  ANGULAR: MACH ± .5 BEND ±	CHECKED D&E	9/5/12						
TWO PLACE DECIMAL ± .01 THREE PLACE DECIMAL ± .005	ENG APPR.		Tube					
	MFG APPR.							
INTERPRET DRAWING PER: ASME Y14.5-1994	QUAL APPR.							
MATERIAL PLACE Water Die o			SIZE	Part		PAI	RT REV	DOC REV
Black Water Pipe	COMMENTS:		Α.					
FINISH			A					<b>O</b>
REMOVE ALL SHARP EDGES AND BURRS	-		SCA	LE: 1:1	WEIGHT:		SHEE	T 5 OF 7
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Hammer\_plastic\_face\_01

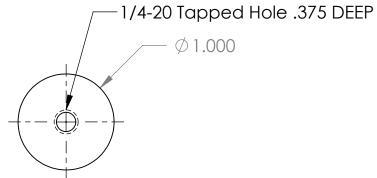
	OPERATIONS LIST					
1	Saw Cutoff 2-1/8 inch length					
2	Engine Lathe	Face/ Chamfer Hammer face				
2	Engine Lathe	Turn part around/Face/Turn to 2.05 length				
3	Engine Lathe	Turn Grooves - regrip for each groove				
4	Engine Lathe	Knurl				
4	Engine Lathe	Centerdrill/Drill/Tap 1/4-20				
6	Bridgeport	Drill/Ream (use fixture block to locate centers)				



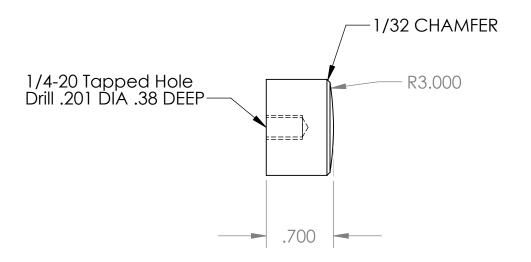


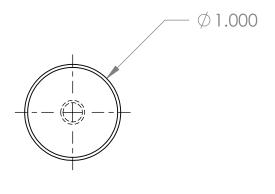
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UNLESS OTHERWISE SPECIFIED:	NAME	DATE	SMITH COLLEGE				
DIMENSIONS ARE IN INCHES TOLERANCES:	DRAWN EJJ	7/16/09					GE
FRACTIONAL± 1/32" ANGULAR: MACH+ .5 BEND +	CHECKED D&E	9/5/12					
TWO PLACE DECIMAL ± .01 THREE PLACE DECIMAL ± .005	ENG APPR.		Hammer Head				
	MFG APPR.						
INTERPRET DRAWING PER: ASME Y14.5-1994	QUAL APPR.						
MATERIAL Plain Carbon Steel	COMMENTS:		SIZE	Part		PART RE	/ DOC REV
FINISH	COMMENTS.		Δ			5	
THOSE							
REMOVE ALL SHARP EDGES AND BURRS			SCA	LE: 1:1	WEIGHT:	SHE	ET 6 OF 7
3		2	Hai	mmer_p	lastic_face_01	1	





UNLESS OTHERWISE SPECIFIED: NAME DATE 🈚 SMITH COLLEGE 7/16/09 DIMENSIONS ARE IN INCHES **TOLERANCES:** CHECKED D&E 9/5/12 FRACTIONAL ± 1/32" ANGULAR: MACH± .5 BEND ± ENG APPR. TWO PLACE DECIMAL ± .01 Plastic Face THREE PLACE DECIMAL ± .005 MFG APPR. INTERPRET DRAWING PER: ASME Y14.5-1994 QUAL APPR. SIZE Part PART REV DOC REV **ABS Plastic** COMMENTS: FINISH SCALE: 1:1 WEIGHT: SHEET 7 OF 7 REMOVE ALL SHARP EDGES AND BURRS

2

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Hammer\_plastic\_face\_01