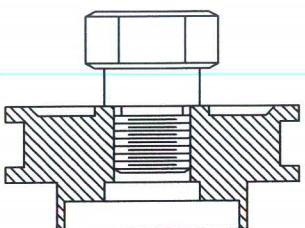


VIEW X-X



Notes:

1. Break all sharp edges.
2. Bolt used as a mandrel for machining pulley.
3. For safety, NO turning on backside allowed.
4. Allow extra stock to hold mandrel in chuck.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

.X = ±.1
.XX = ±.005
.XXX = ±.002
ANGULAR = ±30'
FRACTIONAL = ±1/64
FINISH = 125µIN

TITLE

LATHE PROJECT - PULLEY

14th NOVA SCOTIA SKILLS
PRECISION MACHINING COMPETITION

DRAWN BY
Arthur Herve

SIZE

A

MATERIAL

6061-T6 ALUM

DWG NO.

SKILLS 2011-L1

REV

0

CHECKED BY

Dave Lowe

SCALE

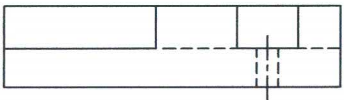
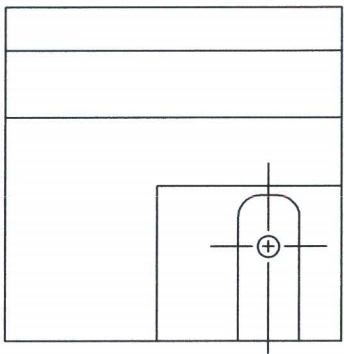
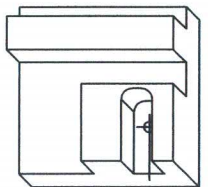
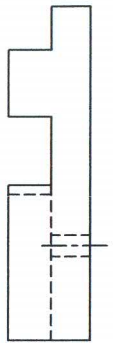
N.T.S.

DATE

Feb. 21, 2011

SHEET

Sheet 2 of 2



- Notes:
1. Break all sharp edges.
 2. Face mill at least one side.
 3. Align .250 diameter with mating piece.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

X = ±.1
.XX = ±.005
.XXX = ±.002
ANGULAR = ±30'
FRACTIONAL = ±1/64
FINISH = 125μIN

TITLE

MILLING PROJECT - SIDE B

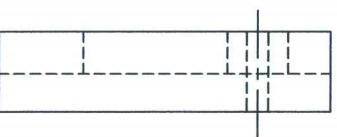
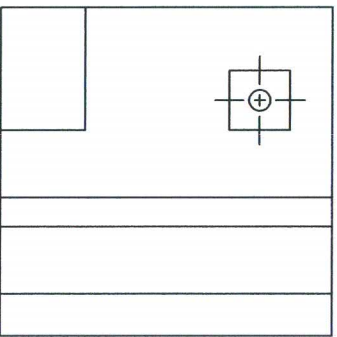
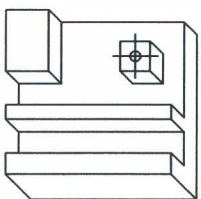
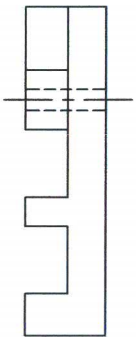
14th NOVA SCOTIA SKILLS
PRECISION MACHINING COMPETITION

DRAWN BY
Arthur Herve

CHECKED BY
Dave Lowe

SIZE	MATERIAL	DWG. NO.	REV
A	6061-T6 ALUM	SKILLS 2011-MB	0

SCALE N.T.S. DATE Feb. 21, 2011 SHEET Sheet 2 of 2



Notes:

1. Break all sharp edges.
2. Face mill at least one side.
3. Align .250 diameter with mating piece.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

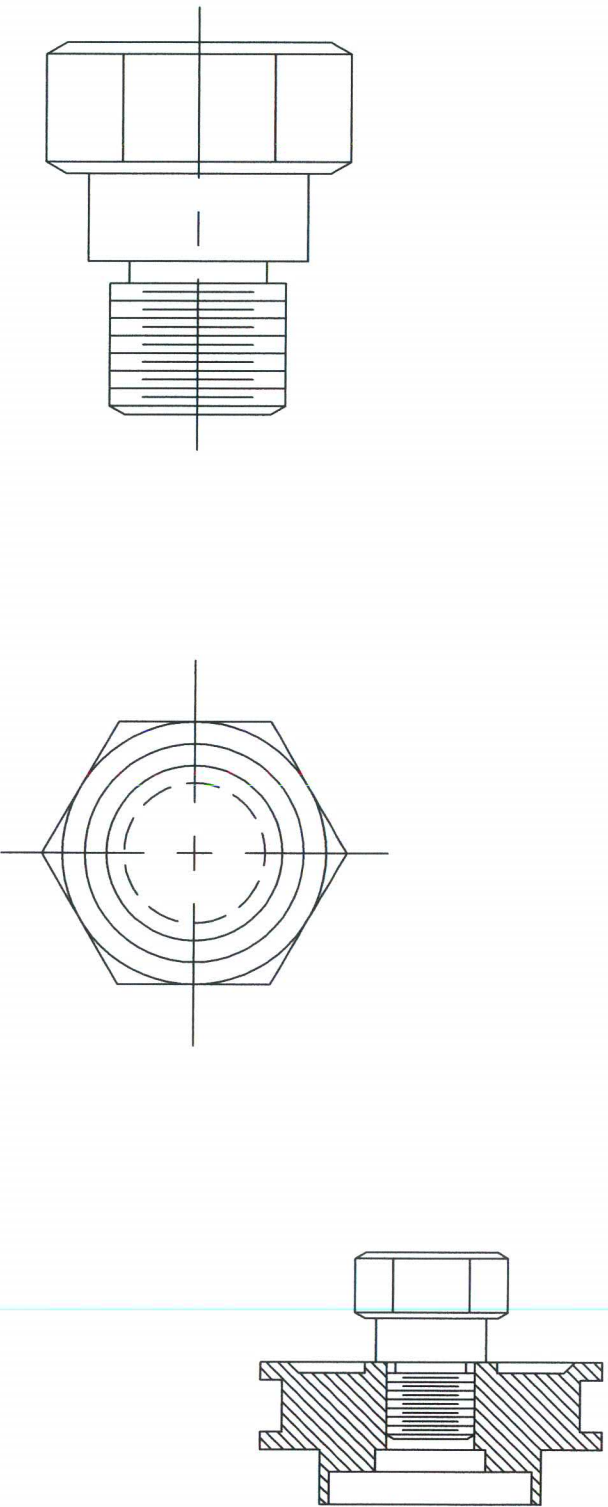
X = ±.1
.XX = ±.005
.XXX = ±.002
ANGULAR = ±30'
FRACTIONAL = ±1/64
FINISH = 125 μIN

TITLE

MILLING PROJECT - SIDE A

14th NOVA SCOTIA SKILLS
PRECISION MACHINING COMPETITION

DRAWN BY Arthur Herve		SIZE A	MATERIAL 6061-T6 ALUM	DWG. NO. SKILLS 2011-MA	REV 0
CHECKED BY Dave Lowe		SCALE N.T.S.	DATE Feb. 21, 2011	SHEET Sheet 1 of 2	



- Notes:
1. Break all sharp edges.
 2. Bolt used as a mandrel for machining pulley.
 3. For safety, NO turning on backside allowed.
 4. Allow extra stock to hold piece in chuck.
 5. Waste material to be handed in with project.
 6. Thread to be a class 3 fit.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TITLE	
.X = ±.1 .XX = ±.005 .XXX = ±.002 ANGULAR = ±30° FRACTIONAL = ±1/64 FINISH = 125µIN		LATHÉ PROJECT - BOLT	
DRAWN BY Arthur Herve		14th NOVA SCOTIA SKILLS PRECISION MACHINING COMPETITION	
CHECKED BY Dave Lowe	SIZE A	MATERIAL BRASS	DWG. NO. SKILLS 2011-L2
SCALE N.T.S.	DATE Feb. 21, 2011	SHEET Sheet 1 of 2	REV 0