

Name: _____

Score: _____

Pen Holder

You will be machining a pen holder on the lathe.

Outcomes:

- Students will demonstrate proper setup and operation of lathe
- Students will safely handle tools while working on equipment
- Students will profile a part on the lathe
- Students will drill a hole to a given depth within tolerances
- Students will select the proper drill size for a tapped hole
- Students will tap a hole

Project Grading -- You will be graded in the following areas

- Within specifications
- Quality of part
- Organization
- Working with others

The areas below will be graded up to the points given. Students will self grade and the instructor will grade.

Area	Student Grade	Peer Grade	Instructor Grade
Job Plan (10pts)			
Safety (10pts)			
Profiling Tool (5pts)			
Drilling (5pts)			
Tapping (5pts)			
Working with others (5pts)			
Cleanup (10pts)			
Total			

If you need help be sure to ask!

Name: _____

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Stock: 5/8" Dia Aluminum

Large hole, 7/16" Drill 1.5" deep

