

Lathe

•Review dress code

-Remind students that long hair must be tied back, loose clothing and/or jewelry must be removed

•Prepare Spindle Blank

-Draw diagonal lines at each end of blank to find center

-Remove excess material at corners

-Explain to students that this is an optional step

-Show how to tilt table on bandsaw to 45 degrees and set up rip fence

-Make cuts

•Parts of Lathe

-Describe

-Bed, Headstock, Tailstock, Tool rest vise, and Tool rest

-Show Controls

-On/Off

-Speed Control

-Speed should only be changed while tool is running

•Set Up for Spindle Turning

-Lightly tap Drive Spur into pre-cut grooves at end of workpiece

-Insert Drive spur and piece into Headstock

-Insert live Center into Tailstock

-Slide Tailstock in place until Live Center contacts center mark of material

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