













# Making a Fitted-lid Box

<p><b>Introduction</b></p>	<ul style="list-style-type: none"> <li>■ This one simple technique to follow</li> <li>■ Adapt/modify as you progress</li> <li>■ Always follow the step in sequence</li> <li>■ Use dry, tight-grain hardwoods for best results</li> </ul>
<ul style="list-style-type: none"> <li>■ <b>Preparation</b></li> <li>■ <b>Requires</b> <ul style="list-style-type: none"> <li>◆ Four-jaw chuck</li> <li>◆ Roughing out gouge</li> <li>◆ Shallow-fluted gouge</li> <li>◆ Parting tool</li> <li>◆ Small round-nosed scraper</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>■ <b>Requires</b></li> <li>■ Four-jaw chuck</li> <li>■ Roughing out gouge</li> <li>■ Shallow-fluted gouge</li> <li>■ Parting tool</li> <li>■ Small round-nosed scraper</li> </ul>
<ul style="list-style-type: none"> <li>■ Mount blank between centers</li> </ul>	
<ul style="list-style-type: none"> <li>■ Round out / add tennons</li> </ul>	
<ul style="list-style-type: none"> <li>■ Mark out box</li> <li>■ Approximately <math>\frac{1}{4}</math>; <math>\frac{1}{2}</math>; <math>\frac{1}{4}</math></li> </ul>	
<ul style="list-style-type: none"> <li>■ Place top end in chuck</li> <li>■ Add parting cut to define box lid tennon</li> </ul>	

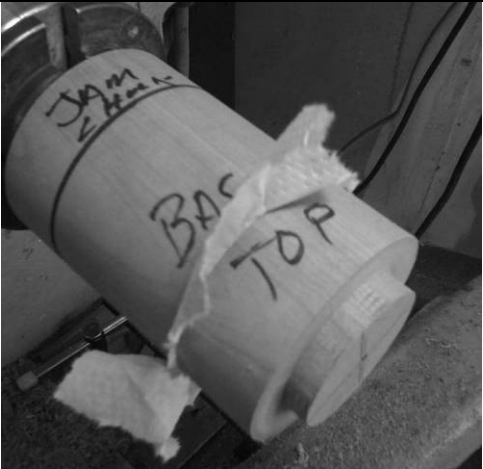



## Making a Fitted-lid Box

<ul style="list-style-type: none"><li>■ <i>Part off base section</i></li><li>■ <i>Leave a small tennon on the lid side for measurement</i></li></ul>	 A close-up photograph of a lathe cutting a piece of wood. The wood is split into two sections, one labeled 'TOP' and the other 'BASE' in black marker. A metal tool is visible, cutting into the wood.
<ul style="list-style-type: none"><li>■ <i>Lid section ready to hollow</i></li></ul>	 A photograph showing a hollowed-out wooden lid section mounted on a lathe. The lid is white and has a smooth, rounded top surface.
<ul style="list-style-type: none"><li>■ <i>Hollow out lid to mark</i></li></ul>	 A photograph showing a hollowed-out wooden lid section mounted on a lathe. The lid is white and has a smooth, rounded top surface. The word 'TOP' is written in black marker on the side of the lid.
<ul style="list-style-type: none"><li>■ <i>Square out inside of lid</i></li><li>■ <i>Use a parting tool or square scraper</i></li></ul>	 A photograph showing a hollowed-out wooden lid section mounted on a lathe. A metal scraper is being used to square out the inside of the lid. The lid is white and has a smooth, rounded top surface.


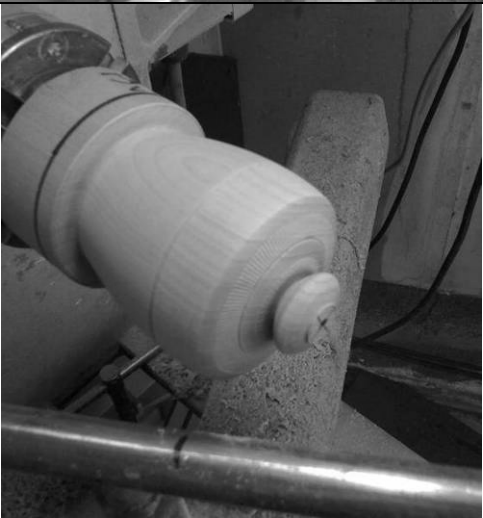

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<ul style="list-style-type: none"><li>■ <i>Adjust lid rebate to snugly fit base tennon</i></li></ul>	
<ul style="list-style-type: none"><li>■ <i>Sand and finish inside of lid</i></li></ul>	
<ul style="list-style-type: none"><li>■ <i>Place base section in chuck</i></li></ul>	
<ul style="list-style-type: none"><li>■ <i>Firmly attached lid</i></li></ul>	




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<ul style="list-style-type: none"><li>■ <i>If it is a little loose...</i></li></ul>	
<ul style="list-style-type: none"><li>■ <i>Add tailstock for additional support</i></li></ul>	
<ul style="list-style-type: none"><li>■ <i>Mark interior depth of lid of lid</i></li></ul>	
<ul style="list-style-type: none"><li>■ <i>Shape exterior of box</i></li></ul>	



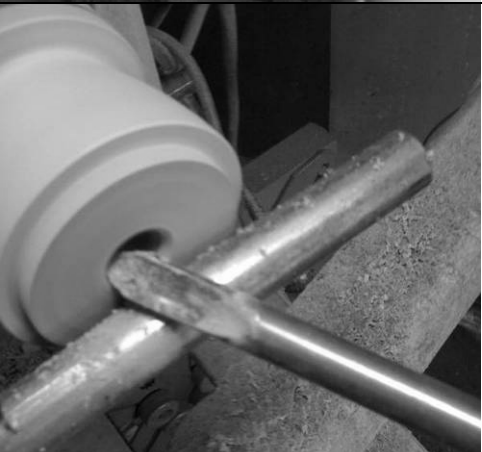
# Making a Fitted-lid Box

<ul style="list-style-type: none"><li>■ <i>Sand and complete exterior shape</i></li></ul>	
<ul style="list-style-type: none"><li>■ <i>Complete top of lid</i></li></ul>	
<ul style="list-style-type: none"><li>■ <i>Make cut on finial carefully</i></li></ul>	




# Making a Fitted-lid Box

<p>■ <i>Sand and complete lid</i></p>	
<p>■ <i>Lid is finished</i></p>	
<p>■ <i>Mount base section in chuck</i></p>	

## Making a Fitted-lid Box



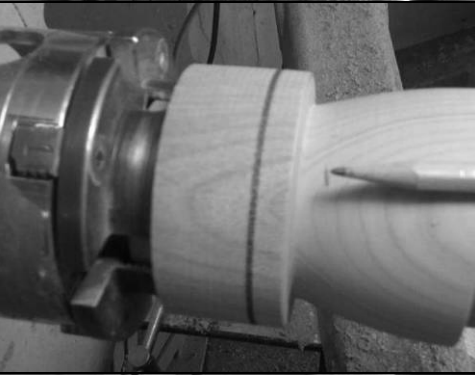

<ul style="list-style-type: none"><li>■ <i>Drill depth hole in base</i></li></ul>	
<ul style="list-style-type: none"><li>■ <i>Mark depth on exterior of box</i></li><li>■ <i>Add cut off line for exterior of base</i></li></ul>	
<ul style="list-style-type: none"><li>■ <i>Hollow out base section</i></li></ul>	

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<ul style="list-style-type: none"><li>■ <i>Cut with a spindle gouge or round-nosed scraper</i></li></ul>	
<ul style="list-style-type: none"><li>■ <i>Complete with a round-nosed scrape</i></li></ul>	
<ul style="list-style-type: none"><li>■ <i>Sand a finish interior of base</i></li></ul>	






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<ul style="list-style-type: none"><li>■ <i>Clean up edge of tenon if required</i></li></ul>	
<ul style="list-style-type: none"><li>■ <i>Re-measure interior depth</i></li></ul>	
<ul style="list-style-type: none"><li>■ <i>Mark again on exterior</i></li></ul>	
<ul style="list-style-type: none"><li>■ <i>Make a 50% parting cut at base</i></li></ul>	



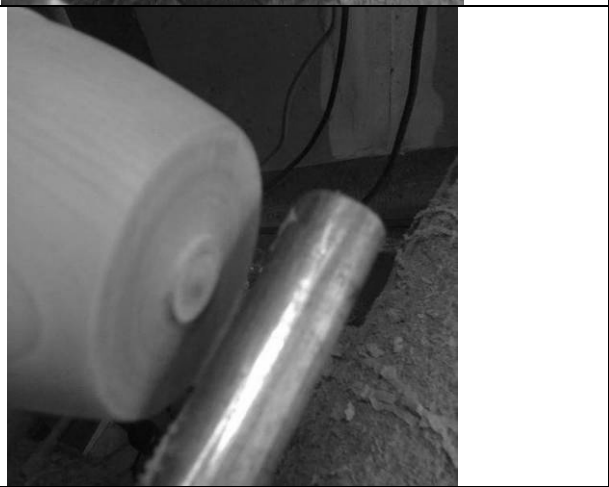
# Making a Fitted-lid Box

<ul style="list-style-type: none"><li>■ <i>Reshape base as required</i></li></ul>			
<ul style="list-style-type: none"><li>■ <i>Base is completed</i></li><li>■ <i>Ready to sand, finish &amp; part off</i></li></ul>			
<ul style="list-style-type: none"><li>■ <i>Measure base tennon carefully</i></li></ul>			


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<ul style="list-style-type: none"><li>■ <i>Transfer measurement to jam chuck</i></li></ul>	
<ul style="list-style-type: none"><li>■ <i>Hollow jam chuck to fit base tennon</i></li><li>■ <i>Interior edge must be square</i></li></ul>	
<ul style="list-style-type: none"><li>■ <i>Attach box body to jam chuck</i></li></ul>	

# Making a Fitted-lid Box

<ul style="list-style-type: none"><li>■ <i>Make sure of a tight fit</i></li></ul>		
<ul style="list-style-type: none"><li>■ <i>Turn bottom to completion</i></li></ul>		
<ul style="list-style-type: none"><li>■ <i>Work carefully to center</i></li></ul>		

# Making a Fitted-lid Box

<p>■ <i>Sand and finish base</i></p>	
<p>■ <i>Attach lid -complete!</i></p>	