

## Exercise 9.1

### STATIONARY SANDERS (EDGE, DISK & SPINDLE)

(Refer to drawing on following page).

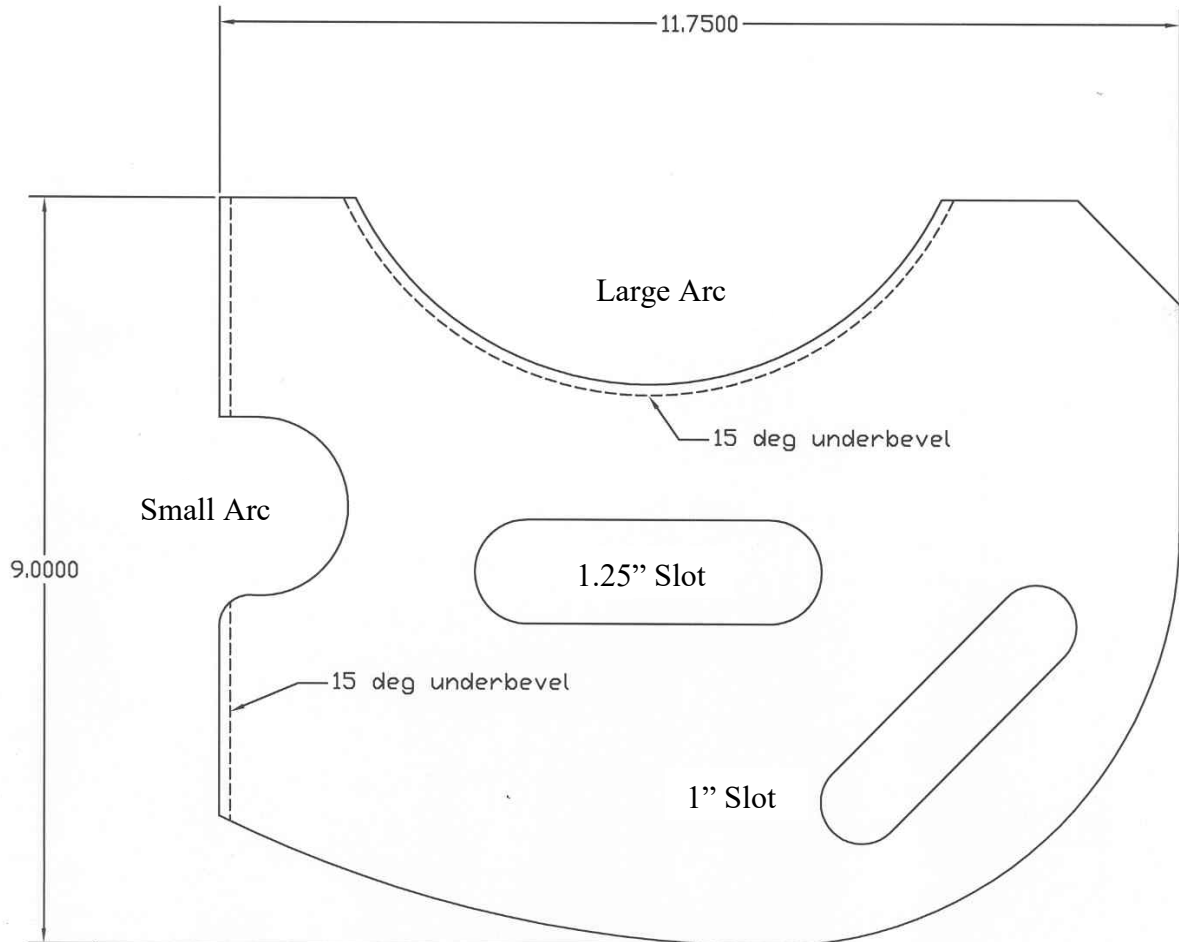
Completed	Procedure
<input type="checkbox"/>	1. Review the Spindle, Edge and Disk Sander Safety Rules.
<input type="checkbox"/>	2. Obtain the template and exercise stock. Trace the contour on the stock.
<input type="checkbox"/>	3. Use the band saw to cut the entire contour to within 1/16" of the layout line. DO NOT CUT OVER THE LINE. Internal contours will need to be drilled and cut with a scroll or jig saw. Use of a Forstner bit is recommended.
<input type="checkbox"/>	4. <u>Use the Edge sander to sand the external contours &amp; straight edges.</u> Open the dust collector blast gate. Start the belt and oscillation motors.
<input type="checkbox"/>	5. Using <b>LIGHT PRESSURE</b> , sand the straight edge and curved corners of the layout. (Do not tilt the piece. Check with a try square for even thickness and squareness with the side.)
<input type="checkbox"/>	6. <u>Use the Spindle Sander to sand any inside and concave contours.</u> <b>USE LIGHT PRESSURE!</b> Excess sanding pressure will burn your work piece and cause your abrasives to load up. Be sure that you do not sand past your lines. Note: The table will need to be tilted for the under bevels.
<input type="checkbox"/>	7. Use the Disk Sander to sand any external contours which cannot be done safely using the Edge Sander. Note: The table will need to be tilted for the under bevels.
<input type="checkbox"/>	8. Be sure to leave machines clean when finished and close dust collector blast gates.

You have now completed the Stationary Sander Machine skill exercise.

### **EVALUATION**

Submit your exercise piece for evaluation.

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**Scoring Guide:** ✓ = Criteria met  
 O = Criteria not met

1" Slot	End Bevel	Large Arc	Small Arc	1.25" Slot	Dimensional Accuracy +/- 1/32" Quality = Fairness and consistency
Quality	Quality	Quality	Quality	Quality	

**Total:** \_\_\_\_\_/10 (min. score 8/10)

**Comments:**