

INSTRUCTIONS FOR INSTALLING AND USING
CAT. NO. 9-2489, 4 IN. FACEPLATE
CAT. NO. 9-24904, 6 IN. FACEPLATE
CAT. NO. 9-24903 BOWL TURNING TOOL REST

general safety instructions for power tools

1. KNOW YOUR POWER TOOL

Read and understand the owner's manual and labels affixed to the tool. Learn its application and limitations as well as the specific potential hazards peculiar to this tool.

2. GROUND ALL TOOLS

This tool is equipped with an approved 3-conductor cord and a 3-prong grounding type plug to fit the proper grounding type receptacle. The green conductor in the cord is the grounding wire. Never connect the green wire to a live terminal.

3. KEEP GUARDS IN PLACE

— in working order, and in proper adjustment and alignment.

4. REMOVE ADJUSTING KEYS AND WRENCHES

Form habit of checking to see that keys and adjusting wrenches are removed from tool before turning it on.

5. KEEP WORK AREA CLEAN

Cluttered areas and benches invite accidents. Floor must not be slippery due to wax or sawdust.

6. AVOID DANGEROUS ENVIRONMENT

Don't use power tools in damp or wet locations or expose them to rain. Keep work area well lighted. Provide adequate surrounding work space.

7. KEEP CHILDREN AWAY

All visitors should be kept a safe distance from work area.

8. MAKE WORKSHOP CHILD-PROOF

— with padlocks, master switches, or by removing starter keys.

9. DON'T FORCE TOOL

It will do the job better and safer at the rate for which it was designed.

10. USE RIGHT TOOL

Don't force tool or attachment to do a job it was not designed for.

11. WEAR PROPER APPAREL

Do not wear loose clothing, gloves, neckties or jewelry (rings; wristwatches) to get caught in moving parts. NONSLIP footwear is recommended. Wear protective hair covering to contain long hair. Roll long sleeves above the elbow.

12. USE SAFETY GOGGLES (Head Protection)

Wear safety goggles (must comply with ANSI Z87.1) at all times. Everyday eyeglasses only have impact resistant lenses. They are NOT safety glasses. Also, use face or dust mask if cutting operation is dusty, and ear protectors (plugs or muffs) during extended periods of operation.

13. SECURE WORK

Use clamps or a vise to hold work when practical. It's safer than using your hand, frees both hands to operate tool.

14. DON'T OVERREACH

Keep proper footing and balance at all times.

15. MAINTAIN TOOLS WITH CARE

Keep tools sharp and clean for best and safest performance. Follow instructions for lubricating and changing accessories.

16. DISCONNECT TOOLS

before servicing; when changing accessories such as blades, bits, cutters, etc.

17. AVOID ACCIDENTAL STARTING

Make sure switch is in "OFF" position before plugging in.

18. USE RECOMMENDED ACCESSORIES

Consult the owner's manual for recommended accessories. Follow the instructions that accompany the accessories. The use of improper accessories may cause hazards.

19. NEVER STAND ON TOOL

Serious injury could occur if the tool is tipped or if the cutting tool is accidentally contacted.

Do not store materials above or near the tool such that it is necessary to stand on the tool to reach them.

20. CHECK DAMAGED PARTS

Before further use of the tool, a guard or other part that is damaged should be carefully checked to ensure that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced.

21. DIRECTION OF FEED

Feed work into a blade or cutter against the direction of rotation of the blade or cutter only.

22. NEVER LEAVE TOOL RUNNING UNATTENDED

Turn power off. Don't leave tool until it comes to a complete stop.



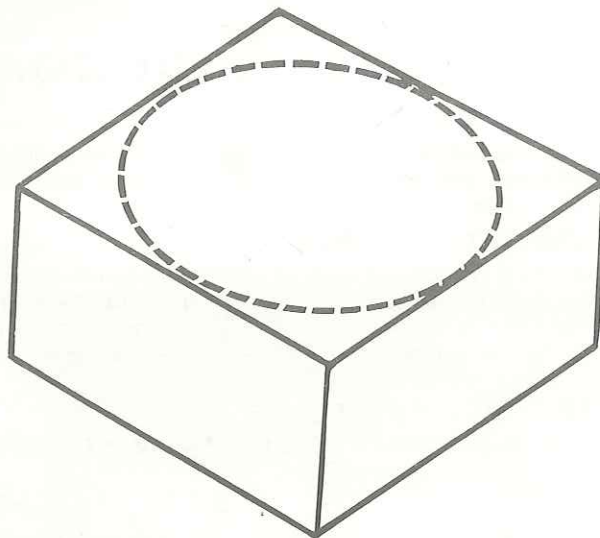
The operation of any power tool can result in foreign objects being thrown into the eyes, which can result in severe eye damage. Always wear safety goggles complying with ANSI Z87.1 (shown on Package) before commencing power tool operation. Safety Goggles are available at Sears retail or catalog stores.

BEFORE INSTALLING OR USING THE FACEPLATES OR BOWL TURNING TOOL REST, READ AND FOLLOW THE SAFETY AND OPERATING INSTRUCTIONS CONTAINED IN THE OWNERS MANUAL FURNISHED WITH YOUR WOOD TURNING LATHE.

NOTE: REMOVE PAINT PLUGS BEFORE USE AND DISCARD

USING THE FACEPLATES

1. Do not use wood that is checked, split or contains a knot because it could come apart while turning and cause an injury.
2. If the workpiece is glued together (laminated) make sure that you follow recognized gluing procedures in making the joints so that they are sound, otherwise the workpiece could come apart and cause an injury.
3. Make sure that the surface of the workpiece to which the faceplate is attached, is as flat as the faceplate. Otherwise the workpiece could change position while turning and cause excessive vibration. The workpiece can be trued up (made flat) by hand planeing or using a belt sander.
4. Before attaching a workpiece to the faceplate, always cut it as "true round" as possible, on the bandsaw, or cut off the corners. This will minimize vibration while rough turning.

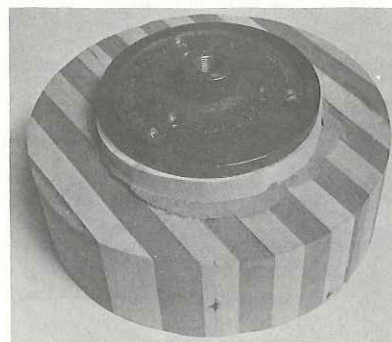


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5. REMOVE the 3/4"-16 hex nut from the lathe spindle BEFORE mounting the 4-inch or 6-inch faceplate to the lathe spindle. This is necessary in order to provide full thread engagement of faceplate to spindle."

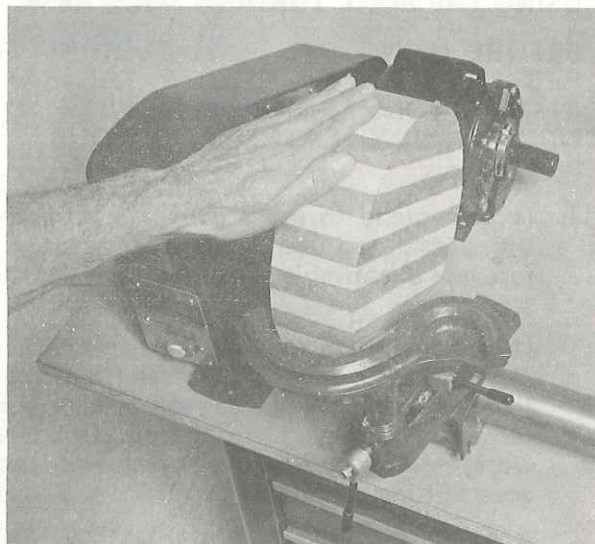
6. Use the 4 inch diameter faceplate for turnings no more than 8 inches in diameter and 4 inches thick. Attach to workpiece using 6 # 12 Flathead woodscrews, not less than 1 inch long.

Use the 6 inch diameter faceplate for turnings from 8 to 12 inches in diameter and no more than 4 inches thick. Attach to workpiece using 6 # 14 Flathead woodscrews, not less than 1 inch long.

SMALLER SIZE SCREWS COULD CAUSE THE WORKPIECES TO COME LOOSE AND COULD CAUSE INJURY.



7. Always revolve the workpiece by hand before turning on the motor to make sure that it does not strike the tool rest.



8. Before turning on the motor, check the belt. Make sure it is positioned to run the lathe at the slowest speed.
9. Stand to left of the workpiece with access to switch when turning the motor "on". If the workpiece is loose or if there is excessive vibration, TURN THE MOTOR OFF IMMEDIATELY and determine and correct the cause.
10. Set speed as indicated by speed chart found on lathe and in owners manual, for roughing or finish turning as applicable.
11. Complete hand sanding of the workpiece BEFORE removing it from the faceplate. NEVER attempt to remove and then remount a faceplate turning to the faceplate for any reason. It is not always possible to position the turning on the faceplate exactly the way it was originally, and on out-of-balance condition could result.
12. When removing the faceplate from the spindle, DO NOT ENGAGE THE INDEX PIN to hold the spindle, because it could break. Use the 5/32 inch setscrew wrench furnished with your lathe and insert it in the hole in the collar on the threaded end of the spindle.

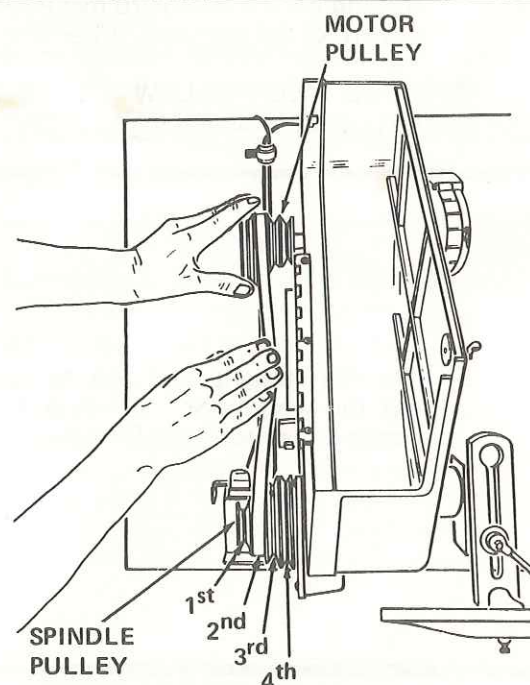


CHART APPLIES TO CRAFTSMAN
12" WOOD LATHE

SPINDLE SPEED			
MOTOR		SPINDLE	
		3450	
		2250	
		1350	
		875	
RECOMMENDED GENERAL SPEEDS			
SPINDLE TURNING			
SQUARE	LENGTH	ROUGHING	FINISHING
1"	9"	1350	3450
2"	18	875	2250
3"	27	875	2250
4"	36	875	2250
FACE PLATE TURNING			
DIA	THICKNESS	ROUGHING	FINISHING
12"	4 MAX	875	1350
10"	4 MAX	1350	2250
8"	4 MAX	1350	2250
6"	4 MAX	2250	3450

BOWL TURNING TOOL REST

The Craftsman Bowl Turning Tool Rest, is provided with a stop collar that can be adjusted so that the tool rest can be repositioned without changing its height. Place the stop collar onto the tool rest post as shown and tighten the bolt.

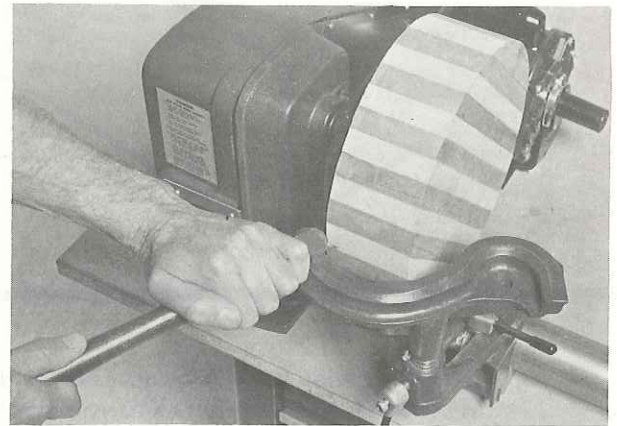
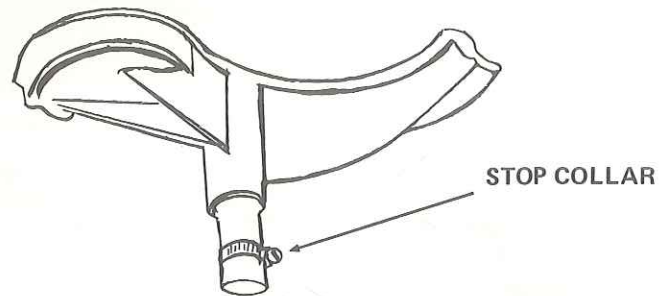
USING THE BOWL TURNING TOOL REST

BEFORE USING THE BOWL TURNING TOOL REST, READ AND FOLLOW THE SAFETY INSTRUCTIONS FURNISHED WITH YOUR WOODTURNING LATHE, AND YOUR FACE-PLATE.

1. If you intend to use a gouge to "rough out" the outside of the workpiece, set the tool rest at a convenient height and adjust the stop collar.

If you intend to use the Craftsman Faceplate Turning Tools, set the tool rest 1/4 inch below the center and adjust the stop collar. This will cause the cutting edge of the tool to attack the workpiece at the center which will provide good cutting action.

2. Position the tool rest as close to the workpiece as possible and securely lock both the tool rest and the tool rest base.
3. Always revolve the workpiece by hand before turning on the motor to make sure that it does not strike the tool rest. (See page 3).
4. READ AND FOLLOW instructions 8, 9, & 10 on page 3, "Using the Faceplates".



5. Use the straight tool rest to begin hollowing out the workpiece . . . set it 1/4 inch below center when using the Faceplate Turning Tools.



6. As the inside of the workpiece approaches the finished contour, use the Bowl Turning Tool Rest. IMPORTANT . . . set it 1/8 inch below center and adjust the stop collar.

This will cause the cutting edge of the tool to attack the workpiece 1/8 inch above center, allowing clearance between the workpiece and the beveled edge of the cutting tool. Good cutting action will result.

7. When using the Faceplate Turning Tools, always keep them sharp. Touch up the beveled edge frequently with an oilstone.



Sold by SEARS, ROEBUCK AND CO., Chicago, IL. 60684 U.S.A.