



40180



3003



3008



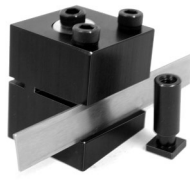
3057



7600



7603



3002

# SHERLINE PRODUCTS

INCORPORATED 1974

## Sherline Tool Posts

### Tool Post Options—Standard Height

**P/N 40180 Standard 1/4" Tool Post**—This tool post is included with the 4000-series basic lathe. It holds 1/4" square shank cutting tools and is not adjustable for height. If the tip of a reground tool is not on center compared to your part, inserting a small piece of shim stock under the tool may be necessary to bring it up to centerline height. If shim stock is not available, cigarette paper works well as a thin shim or a business card makes a suitable thicker shim.

**P/N 3003 1/4-1/4" 2-Position Tool Post**—This tool post holds two standard 1/4" shank cutting tools with one facing each way. The advantage of a 2-position tool post is the ability to switch from one tool to the other quickly by loosening the center hold-down screw and rotating the post 180°. You could, for example, load two different form tools, a roughing and a finishing tool, a left-hand and a right-hand tool or any combination of two tools needed for your particular job.

**P/N 3008 5/16-3/8" 2-Position Tool Post**—The purpose of this tool is to allow you to hold either a 5/16" shank or 3/8" shank tool or a combination of the two at the same time.

**P/N 3057 1/4" Rocker Tool Post**—This 1/4" tool post is included as standard equipment with 4400- and 4500-series lathes. The rocker under the tool and two adjustment screws above allow the tool tip height to be adjusted to exactly on center or slightly below center as you choose. If, for example, you have resharpened a high speed steel cutting tool and the tip has ended up a little low, this tool post makes it easy to bring it back up to the centerline of the part.

**P/N 7600 3/8" Square and Round Tool Post**—This tool post can be used to hold 3/8" square shank tools as well as round 3/8" round shank tools like boring tools or a boring bar. Most carbide insert tools are based on a 3/8" shank, including those sold by Sherline. For insert holders see P/N 2255 (80° cutting) 2258 (55° cutting), 2259 (80° boring), 2260 (55° boring), 2262 (55° straight) and 2267 (threading/grooving).

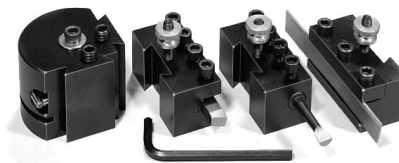
**P/N 7603 2-Position 1/4-3/8" Tool Post**—Have both a 1/4" or and 3/8" tool ready for use at any one time. Made at the request of several customers, this tool post is the newest in our line.

### Other Tool Posts and Accessories Available

**P/N 3002 Cut-Off Tool and Holder**—Holds a 0.40" thick HSS blade for cutting off a part from the blank stock.



**P/N 3009 Tool Height Gauge**—The easy way to set tool tip height on a rocker tool post. Just set the tool on the lathe table and bring the tip up under the flat surface until it just barely touches. Second higher position works with riser tool posts.



**P/N 2250 Quick-Change Tool Post and Holder Set**—A dovetailed steel tool post accepts steel holders for a 1/4" square tool, a 3/8" round tool and a cut-off blade. (Tools not included.) Additional holders are available for 3/8" tools and carbide inserts. Height of each holder is adjustable with a knurled knob. Holders lock in place on the tool post with a quick turn of the included hex key.

### Riser Tool Posts



1289



1288



1291

Riser tool posts bring the cutting tool to the proper height when using a headstock riser block on the lathe. The P/N 1289 is a plain riser 1/4" tool post with the addition of a round hole to support a 3/8" round boring bar. The second holder is the same thing but with the addition of an adjustable center "rocker" for adjusting tool height. The riser rocker tool post can also be purchased as part of the Riser Block Kit, P/N 1291 which includes the headstock riser block for the lathe.

P/N 1291 shows the two halves of the spacer block kit: the riser rocker tool post and the 1.25" headstock riser block.

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For turning larger stock, a riser (or spacer) block kit is available that raises the headstock about 1.25", making it possible to turn a part as large as 6" in diameter over the bed and 4" over the table. P/N 1288 provides a taller tool post for use with the riser block in place. The P/N 1291 Spacer Block Kit includes both a P/N 1297 riser block and additional precision ground key, it also includes the taller toolpost P/N 1288. (The P/N 1297 spacer block is also be used on the Sherline 5000 and 5400 series mills to obtain additional throat distance.)

**Special Tool Posts**

Sherline offers a high speed air grinder as P/N 8900. It comes with its own headstock for vertical engraving and small grinding operations on the mill. To hold it horizontally on the lathe at centerline height a special tool post was

developed (P/N 8976). A taller version (P/N 8987) was also made available for those using riser blocks on the lathe. A split hole in the body of the tool post holds the grinder body, and tightening the two screws holds it in place.



8976

8987

*A standard height and a riser version of the grinder tool post allows the P/N 8900 air grinder to be used on the lathe at centerline height for light duty grinding operations.*