

Vintage Lathe Accessories from LatheCity

## Craftsman 109: ANSI Morse #0 arbor, 1/2"-20TPI, steel, for Craftsman 109 lathe headstock



**Specs:** The steel headstock spindle (length approximately 7.5" - most pieces are a little longer, O.D. 1/2" regular stock) has a standard ANSI Morse #0 arbor and 1/2"-20 TPI threads (thread length 0.55"). A round collar hold by a set screw #10-32 is included. The spindle is drilled through 0.25". All dimensions are approximate. The piece has a slot for a Woodruff #1 key (key included) at 2.614" from the front end of the spindle.

Note that you likely need to replace old bearings which may have a different size. This is a 0.5" O.D. spindle cut from regular stock. Depending on your bearings you may need to sandpaper it down somewhat. I.D. 1/2" bearings are a common standard size. This spindle will not fit to Sherline or UNIMAT lathes. For more information how to use bearings, see: <http://www.ebay.com/itm/Bearings-and-Live-Center-Machining-Lathe-Live-Center-from-LatheCity-/262154158552?hash=item3d099b01d8:g:pLYAAOSwHQ9WUMBf>

**Included:** One headstock spindle, round collar, set-screw, safety booklet, woodruff key #1. Bearings are not included.

**Custom sizes:** We offer the most common size here, but other Craftsman sizes can be made as custom orders via eBay. Need a shorter spindle: use a hacksaw, watch your fingers, use safety glasses, measure before you cut. (We don't take modified pieces back.) The ring can easily be replaced by a hex collar if required. If you are a very beginner we would recommend <http://www.ebay.com/itm/Metal-Lathe-Operations-Paperback-Engineering-Sherline-UNIMAT-LatheCity-/141146158096?hash=item20dcf77410:g:cn8AAOxydB1Sh64v> replacing a spindle on a vintage lathe requires some doing and machining skills. We do also offer 1/2-20 to 3/4-16 adapters at eBay. If you need a flat for gears, we can do that as a custom design. However, cheaper & faster would be a file in your hand.

**Typical application:** Replace worn out headstock spindle, upgrade to a standard MT size. Machining at your end may be required making this fit to your machine. Bearings are not included.

**Safety Notes, Trouble Shooting, and Disclaimer:** General safety rules for machine/power tools are in place. For an extended list of safety notes, consult the literature. Use safety glasses rated for metal work. LatheCity shall not be liable for any damage caused by unprofessional use of LatheCity accessories. Max RPM 1800 for most accessories, some accessories have max RPM of 100! Replace set screws with Nyclock screws in case that heavy vibrations can be expected. Any legal action brought against LatheCity/Uwe Burghaus shall be tried in the State of North Dakota in Fargo, USA. WARRANTY: we do not provide any warranty for our products. In no event shall LatheCity's liability exceed the purchase price paid for the product. We shall in no event be liable for death, injuries to persons or property or incidental, contingent, special or consequential damage arising from the use of our products. None of our accessories or custom designs is intended to be used for transportation applications including but not limited to cars, motorcycles, airplanes, roller skates, bicycles, agriculture vehicles, etc., for civilian or military applications. Similarly, none of our accessories or custom designs is intended to be used as components of weapons including but not limited to firearms for civilian or military applications. We herewith explicitly exclude any warrantee or liability if LatheCity products were used directly or indirectly or misused directly or indirectly for the above-mentioned applications(transportation, weapons). Trademarks used in our products (books, manuals, etc.) or used on this website: All trademarks and copyrights are the property of their respective owners. US export limitations/laws need to be obeyed for all LatheCity products.

**Returns** in resalable condition accepted within 30 calendar days, no questions asked. However, we do NOT reimburse shipping costs, credit card fees, broker fees, taxes, etc. We will charge the respective shipping costs to customers for products that were offered as free shipping when returned. We charge up to \$5 for damaged manuals and safety booklets if these need to be reprinted. Return items in resalable condition. Product details may deviate from images shown without compromising the function of the tool. For example, stock diameters may differ. All dimensions if included are approximate. No returns of custom designs which obey the specifications. Significant deviations of specifications only would warrant returns of

custom designs. Also in that case we do not reimburse shipping costs. Note that the return rate of LatheCity products is below 1%. Read our customer feedback at eBay.

**International shipping:** when purchasing our products customer accepts the following. International orders ship with regular USPS mail, no tracking, no insurance. We will not reimburse or replace lost orders. Customer covers all custom fees, broker fees, and taxes if applicable at all. You will NOT get a tracking number on international orders. We can provide the customs number and mailing costs receipt if required. Credit card companies may charge currency transfer fees which will be covered by the customer. We charge up to \$3.00 for handling on international orders. We charge a standard shipping rate on international orders which may be above the estimated rate. We will reimburse over paid shipping costs via PayPal if actual cost are lower by at least \$2.00. (Example, shipping cost to Italy \$11.45 + \$3.00 handling, paid \$25, reimbursed \$10.55; or shipping to Canada \$7.54 paid \$8.00, no reimbursement.) Please note that PayPal will charge credit card fees for every transaction. We will not reimburse credit card fees (2-3%). Items will ship to the address provided to eBay/PayPal at point of order, i.e., make sure that the correct address is uploaded at point of order. All US export/import regulations will be obeyed. We cannot ship to certain locations.

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