



Bullnose Live Center for UNIMAT SL DB

Purpose of that tool Live center for model work. In contrast to dead centers, live centers don't need cutting oil and rotate with the work piece in order to machine delicate parts. The steel live center has one bearing. The center is tool steel. The live center with M12-1.0 threads fits to the UNIMAT SL DB tailstock. Ideal to work on delicate parts, wood, or plastics since little friction is generated.

In particular a bullnose live center is used to work on tubing or all parts that cannot be turned by a standard pin end live center.

Size and details The bearings we use have an outer diameter (O.D.) of 1/2" and an inner shaft diameter of 3/16". A tool steel bull nose shaped pin is pressed in the bearings. The front end is flat and has a diameter of 3/16" the bank end diameter of the nose is 1/2", taper angle approx. 60 deg. The bearing is mounted in a steel adapter that has metric M12 threads to fit an UNIMAT SL DB. The entire accessory has a total length of only ~1.5 with largest O.D. of 3/4". The body is 1" long + 0.5 for the bull nose end. The live center will extend by about 1" over the tailstock. The live center was tested up to 2800 RPM on a UNIMAT SL DB mini lathe. The bearing is self-lubricated and sealed.

Included: One M12-1.0 bull nose live center, this manual, and a safety booklet.

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 or go to our website. You can download free of charge a safety booklet, which is also typically included (free of charge) for first-time customers. Use protective clothing including, most importantly, safety glasses for metal work. Use accessory for light lathe work on miniatures. Max RPM 2800 Broken bearing may result in the front pin getting stuck in the work piece which can in turn over heat. In that case, switch off the lathe, cool down work piece, and replace cooled down bearing. Note that bearings are not designed to take large side forces. Note also that no live center will be as ridged as a dead center pin. We do not warrant that any accessories can be used for any particular application. Usage of accessories or damage caused by unprofessional use is at the risk of the customer. Neither LatheCity nor its owner shall be liable for damage arising from unprofessional use or misuse of LatheCity accessories. Any legal action brought against LatheCity/Uwe Burghaus shall be tried in the State of North Dakota in Fargo, USA. WARRANTY: we do

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Returns in resalable condition accepted within 14 calendar days (eBay sales) or 4 weeks (factory direct) after shipment day, no questions asked. However, we do NOT reimburse shipping costs (e.g. Priority mail ~\$5.20), credit card fees, broker fees, currency exchange fees, taxes, whatever fee, 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 manuals and booklet that may need to be reprinted. Note that the return rate of LatheCity products is below 1% (see eBay rating).

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