



LatheCity

Safely Working with Benchtop Lathes – Booklet II

Booklet 2 – **Working with Exotic Materials On Lathe & Mill**

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Synopsis

Described is how to work safely with difficult to machine and exotic materials in a benchtop metal lathe and milling machine as well as where to purchase those materials.

Materials discussed include: ...Alloy Steel, Aluminum, Bronze, Brass, Carbide, Cast Iron, Cold Pressed Steel, Ceramics – Macor, Cork, Copper, Magnets, Plastics, Rocks, Hardened Steel, HSS, Stainless Steel, Styrofoam, Sterling Silver, Tool Steel, Ledloy, Titanium, Wax, Wood, ...

The (6"x9") paperback print has 128 pages, 60 figures, 15 info text boxes, and 2 tables as well as a detailed index and contents list for easy reference.

Author Bio

Uwe Burghaus, born in West Berlin, Germany, obtained his education in Physics and Physical Chemistry at the Free University of Berlin. He graduated with PhD in 1995, after conducting projects on surface science topics at the Fritz-Haber Institute of the Max Planck Society in Berlin. After postdoctoral positions in Genoa (Italy) and Santa Barbara (USA), he went back to Germany to complete a habilitation (German tenure) in Physical Chemistry. At North Dakota State University, he started to establish a surface chemistry group in 2003 and obtained tenure in 2009. His group is currently focusing on studies about nanostructured catalysts. (His research/university home page is at www.uweburghaus.us if this is interesting to you.)

He is not a professional machinist by training. However, his hobby developed into a small part-time business in 2012. LatheCity currently sells books about metal working (and other topics), software tools, and lathe/mill accessories for tabletop systems: everything that's fun to make and may find customers. The strength of the business is custom-designed tools. Stop by at www.LatheCity.com

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