

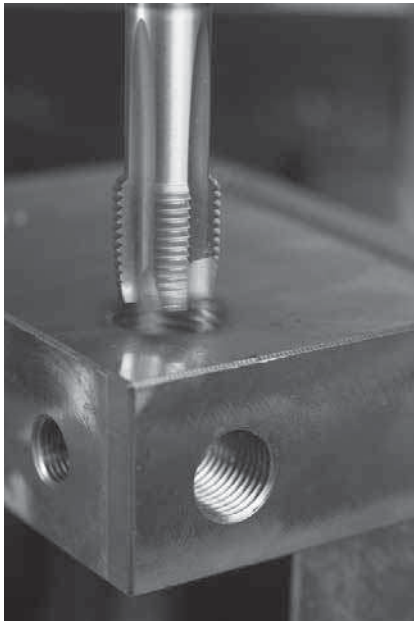
GUHRING Reconditioning Services

Restore your standard and special carbide or PCD tooling to its original factory quality, condition and performance. High precision remanufacturing delivers longer reground tool life and often more regrinds per tool, resulting in significant cost savings in terms of both tooling and machining expenses.

Guhring is able to provide factory reconditioning for our own drills, step drills, carbide end mills and reamers, and we can provide the same high-quality service for most competitors' tooling as well.

Two convenient locations offer in-house regrinds plus recoat service: Brookfield, WI and New Hudson, MI. Daily UPS shipments can return reconditioned tools to your facility within a few days; expedited services are also available.

Extend the life of your carbide and PCD tooling - trust Guhring Reconditioning Services to restore your tools to like-new condition.



GUHRING Coating Services

Cutting tools and wear parts substrates have benefitted from enormous engineering advances over recent decades. Thin film coatings, when properly applied, improve tool and part characteristics and functionality. They increase surface hardness, lower the friction coefficient and thermal conductivity, and provide a chemically inert surface. As a cutting tool manufacturer, Guhring offers a level of coating expertise without equal in the industry. Our coating services features include:

- **High-performance PVD (physical vapor deposition) coatings from the first manufacturer to apply TiN coating to cutting tools**
- **Coatings developed for specific applications and workpiece materials**
- **In-house coating chambers at two U.S. locations; for cut and wear parts**
- **Proprietary Guhring coatings such as FIREX® and Super-A™ for exceptional heat and wear resistance**