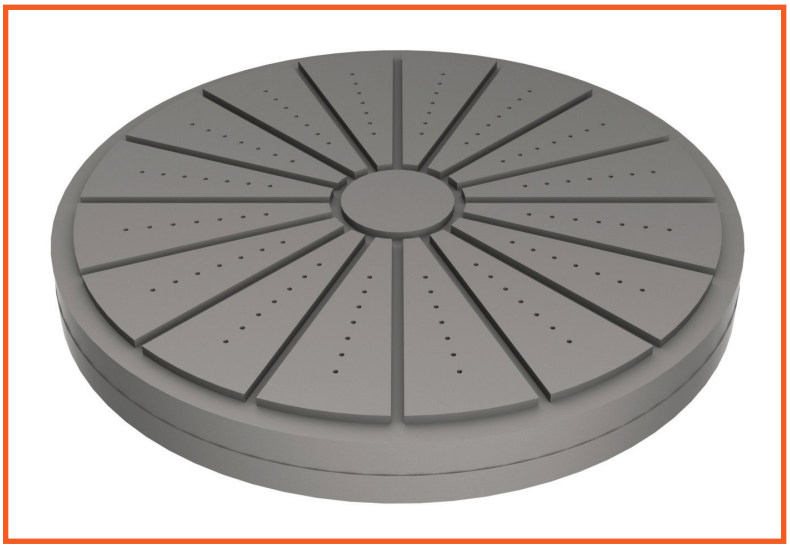
Magnetic Lathe Chucks



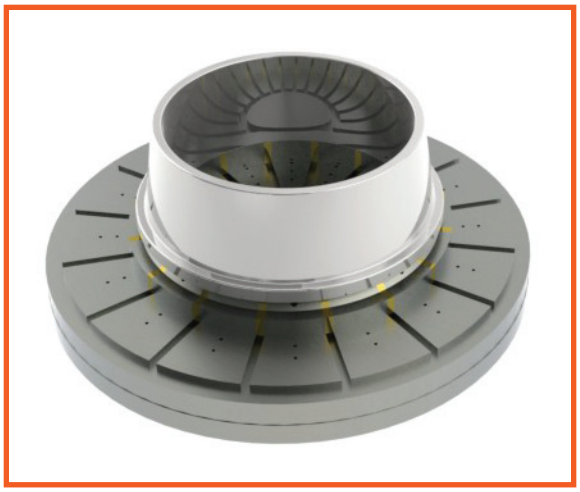
Lathe Magnets afford greater workpiece accessibility and distortion free clamping -particularly on workpieces that may be delicate in nature– rings, for example.

DocMagnet offer a line of high powered, permanent-electro magnetic chucks designed for the secure clamping of steel components whilst undergoing various turning applications.

Radially poled, these magnetic chucks can be hardwired through the machine spindle or power can be supplied through the use of a removable (quick-disconnect) cable. Magnetization/ Demagnetization takes less than 1 sec.

DocMagnet Lathe Chucks are designed and supplied to suit the customer's application. The number of poles, the level of force necessary and the choice of top tooling are all application specific and DocMagnet Engineers are on-hand to review the details and provide the best solution in the shortest time.

Two types of Magnetic Chuck are common:



- **Single Magnet:** for grinding and hard-turning of magnetically hard materials - bearing steels for example and where the workpiece requires demagnetization at the time of release.
- **Double Magnet:** For heavy turning of magnetically soft materials.

Top tooling must be designed right. Actual clamp force vs cut force, workpiece support and accessibility, location etc. are all important considerations and DocMagnet will not only provide an in-depth feasibility study at the time of inquiry, but when the product is delivered will support the user with tailored documentation and training to maximize productivity and safety.

Magnetic Chuck Controllers are designed to operate from 200 – 480V and must be specified at the time of order.

DocMagnet

3 Year Warranty

A 3-year materials and labor warranty, as well as a performance guarantee, is offered with these products.

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