

Solid tungsten carbide spiral router cutter

Maximum output from a new dimension

It is impossible to imagine machining wood on CNC routers and machining centres without tungsten carbide spiral routers, even despite the continuous developments in diamond cutting materials. The applications are multifaceted, so these types of tools can not be replaced without considerable restrictions.

The classic workflow when sizing solid wood materials or laminated materials is roughing or pre-cutting followed by finish cutting for a fine machined finish. The ideal tooling solution would combine the features of roughing and finish cutters in one tool and so eliminating the time absorbed by tool changes.

A totally new generation of high performance spiral roughing cutters has succeeded in combining the essential criteria of roughing and finishing cutters in one tool. This new tooling programme with a new design of the chip breakers is enhanced with a new development in cutting edge coating.

The combinations of the new design of chip breakers and cutting edge coating, means Leitz's new high performance spiral roughing cutters consume considerable less power when compared with all known designs of roughing cutters.

These tools were used in many applications stair, window and solid wood furniture production; in many instances the work piece, after sizing with this new roughing cutter, could be profiled immediately.

Completing the duo to maximise efficiency, Leitz Marathon coatings are also available on spiral-finishing cutters. The advantages of these coated tools are a significantly improved cut quality and enhanced



suitability for materials containing resin or thermoplastics.

This new high performance spiral router from Leitz maximises performance in virtually all imaginable applications.

The advantages

- Reduction in working steps
- Increased productivity
- Improved cut quality
- Reduction in processing costs
- Increased performance time

Leitz GmbH & Co. KG
Leitzstrasse 2
73447 Oberkochen, Germany
Tel. +49 (0) 73 64/95 00
Fax +49 (0) 73 64/95 06 62
e-mail: leitz@leitz.org
Internet: www.leitz.org

Leitz GmbH & Co. KG
Leitzstrasse 80
4752 Riedau, Austria
Tel. +43 (0) 77 64/82 00-0
Fax +43 (0) 77 64/82 00-111
e-mail: office.leitz@rie.leitz.org
Internet: www.leitz.org

