High performance - solid TC boring bits

For precise holes and higher speed

The requirements for conventional boring tools in the main dimensions D5, D6 as well as D8 are increasing. Although higher performance levels have to be achieved today’s new hard materials lead to a decrease of boring quality and a shorter performance time. High feed speeds and hard surfaces of the boards often result in the bending of drills and lead to higher tooling and production costs.

The solutions are dowel and through-hole boring bits in solid TC-design. They guarantee a maximum rigidity and a minimum run-out and possess excellent cutting edge geometry with polished gullets. The brazing quality does not affect the performance or the type of application; Leitz boring bits can be used with all known clamping systems for drills.

The advantages are obvious: An increase in feed speed and RPM of up to 10,000 min⁻¹ offering a increase of the tool life by 40% (more boring cycles). There are no more bevelled or untrue holes and machine down times are reduced significantly. Due to fewer drill bit replacements production output is increased and your total productivity raised considerably.
Leitz offers a quick clamping chuck for drills which allows the simple change of drills in an extremely short time.

The system components are a quick clamping chuck for drills and a length adjusting screw with safety device preventing twisting when connecting the quick clamping chuck and drill shank. Once the clamping chuck and the drill shank are connected, subsequent tools can be inserted in the chuck without any problems, no tool at all is necessary.

The advantages are convincing:
- quick change of drill bits for complete boring arbor
- adaptable on most existing boring spindles,
- length adjusting of the drills is completed as usual before inserting the drill in the chuck.

Try us!
The quality of the new developments, their application advantages and economic efficiency speak for themselves.