

Technology

Video: M4000 – High Performance Made Universal

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Video Highlights

The System Inserts:

- Square indexable inserts: in face, shoulder, slot drill, chamfer and T-slot milling cutters
- 4 cutting edges
- Circumference-sintered design for maximum cost efficiency
- Circumference-ground with facets (90°) for excellent component surface finishes

Benefits for You:

- High level of cost efficiency
- Reduced procurement and inventory costs thanks to universal use of system insert
- 4 cutting edges per indexable insert
- Concept requiring minimum resources

System tools, i.e. those that can be used universally for numerous machining applications, reduce setup complexity, and simplify inventory, making tool handling more cost-efficient.

The latest example of this product philosophy from Walter AG is the new **M4000** range with a system indexable insert. Walter has consistently implemented the idea of a system concept: The M4000 – four corner, square indexable inserts that can be used in 10 different types of milling cutters and master many common milling operations. For example, face milling, high feed milling, shoulder milling or chamfering in all steel, stainless steels, cast-iron, and even difficult-to-cut materials.

M4000 inserts can therefore be used more universally than their specialized relatives in the Walter BLAXX and Walter XtraTect® ranges. However, just like its two cousins, it is coated with the high-performance cutting material Tiger•tec Silver®. What are the features of the system indexable inserts for the M4000? The flank faces on the four cutting edges are provided with a wave profile, which displays the geometry of the indexable insert. The more waves that are visible, the more positive the geometry. Currently, five different geometries are available. For maximum productivity, Tiger•tec Gold®. insert grades are also available for the M4000 system insert.

Previously Featured on Walter's News & Press.

To learn more about how Walter can provide comprehensive expertise in one universal system, visit MSCDirect.com.