

High feed-rate cutters from LMT Fette

High feed-rate cutters provide significantly better productivity in chip-forming machining - and help users save massively on costs. LMT Fette has extended its comprehensive range in this field yet again, and starting in May will offer solutions for the entire spectrum of materials - starting with the machining of cast iron and steels, through aluminum and stainless steel, and on to hardened materials.

Highly feed-rate cutting is done with a small engagement angle, "kappa". This is made possible by the large effective cutting radius of the tools. This reduces the radial cutting forces. You can therefore increase your feed rates radically.

Reduced cutting forces - increased feed rate

The newly developed, soft-cutting indexable insert geometries allow the drive powers required to be reduced by up to 50 percent. This means that the successful "MultiEdge 4Feed" family from LMT Fette can now be used to advantage on machines of lower power. With customized coatings on even tougher, very fine-grained carbide substrates, the tools are ideally suited for machining stainless steels and long-chipping materials.

The indexable insert geometries for high-strength tempering and tool steels are also new, and are compatible with the existing MultiEdge 4Feed carrier bodies. The special feature of these indexable inserts is the stable design of the cutting edge, which incorporates a negative protective chamfer and a rounded cutting edge.

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