

## New DBF and DBC coatings for reamers

### The music plays at the cutting edge

**The new high-tech coatings for the reaming heads of the DIHART Reamax<sup>®</sup> TS tooling system enable the KOMET GROUP to accommodate the increasing diversity of materials and to offer more individual tool designs for quicker machining processes.**

Coatings on cutting edges make a fine, yet crucial difference in the rhythm of reaming. In addition to the high-performance coating DBG-N which has so far proved very successful, the **KOMET GROUP** has now developed an alternative product in the shape of its new DBF coating, which is suitable for machining cast iron, nodular cast iron and vermicular cast iron. This provides the user with more options to respond to the increasing variety of material qualities and to optimise cutting values through individual tool design. The new DBF coating is particularly abrasion-resistant and is suitable for high cutting speeds.

Power in sound, i.e. quicker machining, is also the aim of the new DBC-coating. It is ideal for aluminium wrought alloys, aluminium cast alloys with a low silicon content and copper alloys. As a 'diamond-like carbon coating' it enables high cutting speeds.

Both coating types have expanded the application of the **DIHART Reamax<sup>®</sup> TS** tooling system.

*With its brands KOMET<sup>®</sup>, DIHART<sup>®</sup> and JEL<sup>®</sup>, the KOMET GROUP is a leading global manufacturer of precision tools for bore machining, reaming, and threading. The group has been at the forefront of innovation in the sector for over 90 years - a tradition that began with the early indexable insert borers and continues today with their mechatronic tool systems. The company currently employs around 1,400 staff in its 20 subsidiaries and is represented in around 50 countries.*

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