

	grades	coating composition	recommended use
SOLID CARBIDE	K600	uncoated carbide	Carbide grade made from high quality, micro-grain materials for cutting all types of workpiece materials. Very high toughness ensures a controlled wear rate. The micro-grain structure enables extremely sharp cutting edges.
INSERTS	KC610M	TiN TiCN TiN	Carbide grade made from high quality, micro-grain materials for cutting all types of workpiece materials. Very high toughness ensures a controlled wear rate. The micro-grain structure enables extremely sharp cutting edges.
FACE MILLS	KC625M	TiC(N) TiCN TiN	Coated carbide grade with PVD multi-layer (TiN/TiCN/TiC). For universal use due to its high wear resistance and hardness. Only use wet or with minimal amounts of lubrication.
90° MILLS	KC633M	TiAlN TiN TiAlN	Coated carbide grade with PVD coating (TiAlN/TiN/TiAlN). KC633M is a high-performance grade for dry milling all types of material. This grade is characterized by good hardness and wear resistance. It provides outstanding protection for solid carbide tools against cratering and abrasion.
SLOTTING	KC635M	TiAlN	Coated carbide grade with 3µm thick PVD coating (TiAlN). KC635M is a high-performance grade for hard machining. This grade is characterized by high hardness and wear resistance and is suitable for cutting hard materials (up to 65 HRC).
DIE AND MOLD	KC643M	AlTiN	Coated carbide grade with PVD (AlTiN) coating. KC643M is a very thin and hard PVD coating particularly suitable for cutting most materials. This grade can be used for materials with hardness up to 52 HRC.
CERAMIC MILLS	KC651M	TiB ₂	The PVD coating is extremely hard and provides very good wear characteristics at high cutting speeds. Resists built-up edge, can help reduce deburring, and generates excellent surface finish. Ideally suited for aluminum
CLASSIC MILLS	KDF300	diamond coated	A pure, diamond-coated carbide for milling aluminum, graphite, and other non-ferrous materials. It is a very tough and wear-resistant grade.
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