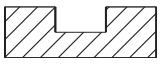
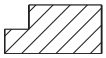
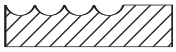
Grade Descriptions

Cutting Material	Coating	Composition and Application
K600		Carbide grade made from high quality, micrograin materials for cutting all types of material. Extreme toughness guarantees a controlled wear rate. The micrograin structure permits extremely sharp cutting edges.
KC610M		Coated carbide grade with PVD multilayer coating (TiN/TiCN/TiN). An excellent grade for milling steel, stainless steel, and nodular graphite iron. Because of the resistance to thermal shocks of its substrate, this grade is an excellent choice for wet as well as dry machining.
KC625M		Coated carbide grade with a PVD multilayer coat [TiN/TiCN/TiC(N)]. KC625M is a high performance grade for milling all types of material. Good hardness and wear resistance characterizes this grade. It provides outstanding protection for solid carbide tools against cratering and abrasion. This grade is ideally used with cooling or minimal lubrication.
KC633M		Coated carbide grade with a PVD multilayer coating (TiAlN, TiN, TiAlN). KC633M is a high performance grade for dry milling of all material types. This grade is extremely hard and wear resistant. It provides outstanding protection for solid carbide tools against cratering and abrasion.
KC635M		PVD TiAlN coated carbide on a deformation resistant substrate. Exceptional heat and wear resistance qualities make this grade an excellent choice for milling aluminum, cast iron, heat resistant alloys, steels, and stainless steels in finishing applications.
KC637M		PVD TiAlN coated carbide on a "new" sub-micron carbide substrate. It's a very thin and hard coating that provides outstanding performance in milling hardened materials (50-65 HRC).

Application Icons

	Slotting
	Peripheral / Profile Milling
	Contour Milling
▼▼▼	Fine Finishing (a_e / woc < .2X diameter)
▼▼	Finishing (.2X diameter < a_e / woc < .5X diameter)
▼	Roughing (a_e / woc > .5X diameter)