○ Good
◑ Better
● Best

Grade	Description	P Steel	M Stainless Steel	K Cast Iron	N Ferrite Materials	S Heat-Resistant Steel	H Hardened Metal
UD51	General purpose Tin (CVD) coated steel grade - used for roughing and semi-finishing of carbon alloy and stainless steel.	●	○	○		◑	
UD52	Tough general purpose steel grade with multi-layer titanium aluminum nitride coating for alloy steel, aluminum alloys, austenitic stainless and carbon steels, copper alloys and exotic alloys.	●	○			●	
UD5C	Uncoated cermet grade for semi-finishing and finishing applications at medium to high cutting speeds on carbon and alloyed steels. Also used on stainless. Normally used without coolant.		○	○			
UD5CBN	A Polycrystalline Cubic Boron Nitride (PCBN) Insert for precision finishing of hardened steels 50-65 rockwell. Coolant not reccomended for use.			◑			●
UD5CT	TiALN coated cermet grade performs extremely well for semi-finish and finish applications in alloyed steels, stainless and high carbon steels.	●	◑	◑			
UD1	Uncoated – Designed with a polished surface and large rake angle, Intended for machining aluminum and other non-ferrous alloys. Also works well for semi machining on cast iron.		◑		●		
UD2	Uncoated - Used to cut cast iron, aluminum, non-ferrous alloys, non-metals and most high temp alloys. Provides excellent wear resistance.			○	◑		
UD2CBN	A Polycrystalline Cubic Boron Nitride (PCBN) Insert for cast iron, gray cast iron, chilled cast, and powder metal with long tool life. Coolant not reccomended for use.			●			◑
UD21	Multi-layer titanium aluminum nitride grade. Excellent for machining cast iron, stainless steel, nickel based high temperature alloys. Excellent oxidation resistance and bears high, semi dry/dry machining.		●	◑		◑	
UD22	Tin coated insert. Suitable for semi-finishing and finishing of high temp alloys. Intended for cast iron machining.			●		◑	
UD25	Uncoated - Used to cut aluminum, brass, copper, nickel base alloys, titanium and non-ferrous materials.			○	○		
UD32	TiAlN coated insert. Used in high speed medium load applications of stainless steel and finishing to semi-finishing of high temperature alloys.	◑	●	○	○	●	
UD204	A PVD TiAlN coated fine grain substrate. Excellent for light to medium feeds on Cast Iron and semi-finishing to finishing of high temperature alloys. Excellent for high SFM.	◑		●		◑	
UD404	A PVD TiAlN coated tough general purpose grade. Well suited for milling Alloy Steels, Stainless Steel, High Temperature Alloy Steels and Hardened Steels up to 60 Rc.	●	●	◑		●	
UD602	A CVD coating of Ti $A1_2O_3$ & TiN on a tough substrate. It is suitable for light to heavy milling of alloy steel and non alloy steel, even under unfavorable condition.	◑	◑			◑	

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