Grade for Turning Inserts/车刀片牌号涂层解析

SENO GRADE	COATING	COLOR	WORKING MATERIAL	APPLICATION
SP8025	CVD (MT-TiCN+Al_2O_3+TiN)	金黄 golden yellow	P10-P30	优质硬质合金基体有很好的抗变形和耐高温的特点。MT-TiCN+Al_2O_3+TiN 涂层有很好的表面光洁度且有助于识别磨损，适用于钢件材料的半精加工和粗加工。The carbide substrate have good anti-deformation resistance and toughness. MT-TiCN+Al_2O_3+TiN coating has very good surface quality and help to recognize wear easily. It is suitable for semi-finishing and roughing steel machining.
SP8125	CVD (Multi-TiCN+Al_2O_3)	黑色 black	P10-P40	中Co高立方相含量硬质合金基体搭配较厚TiCN和较厚Al_2O_3涂层，经特殊后处理工艺，具有极好的耐磨性，适用于钢件材料的精加工及连续工况的半精加工。The carbide substrate have mild cobalt content and high cubic content, combining with thick TiCN and Al_2O_3, treated by sepcial technology after coating treatment, which gives inserts strong wearing resistance. It is prority for semi-finishing to finishing steel machining.
SM8020	PVD (Silicon+TiAlN)	紫红 purple	M10-M30	含Co高的细晶粒的合金基体，具有很高的刃口强度，搭配稳定性好的PVD含硅涂层，具有摩擦系数小，纳米硬度高等特点，适用于不锈钢的连续工况下的半精车削和铣削等。Micro WC grain substrate with high Co maintain cutting edge strength and it has smallest coefficient of friction and good nano hardness with good thermal stability silicon coating. The grade is very good for continuous turning and milling for stainless steel.
SK8010	CVD (thick TiCN+ textured Al_2O_3)	黑色 black	K10-K30	中等颗粒度钨粉的硬质合金基体配合厚TiCN和厚的结构化Al_2O_3涂层，经特殊后处理工艺，具有突出的耐磨性能，适用于高线速度下铸铁材料的半精加工。The medium-coarse substrate combine with thick TiCN and textured Al_2O_3, after special coating treatment, it has strong wear-resistance. The grade is suitable for high-speed semi-finishing cast iron turning under stable working condition.
SK8020	CVD (thick TiCN+ textured Al_2O_3)	黑色 black	K10-K30	中等颗粒度钨粉的硬质合金基体配合厚TiCN和厚的结构化Al_2O_3涂层，经特殊后处理工艺，具有突出的耐磨性能，适用于铸铁材料的半精加工及轻微断续的粗加工。The mild-coarse substrate combine with ultrathick alumina CVD TiCN after special multi-coating treatment, it has strong wear-resistance. The grade is suitable for semi-finishing to roughing under slight intterrupted cast iron machining.