

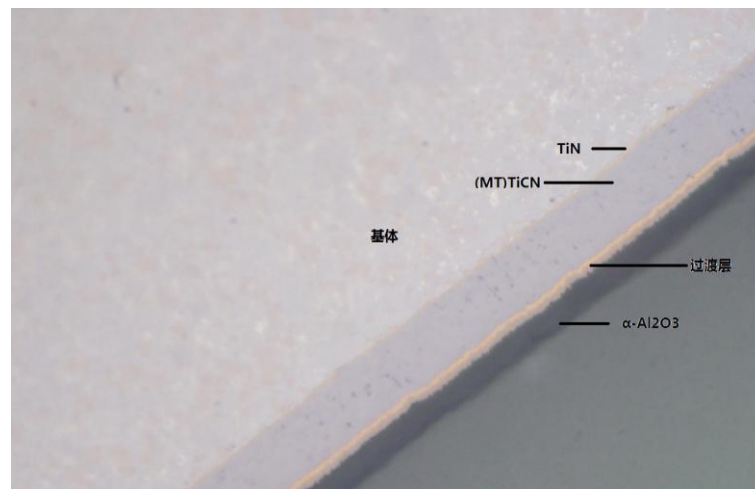
# 汽车发动机加工专用刀具

## Cutting Tools for Automobile Engine

汽车发动机加工专用刀具用于曲轴、凸轮轴、连杆、缸体缸盖等汽车发动机零部件加工等

Cutting tools for automobile engines are used in automobile engine parts machining such as crankshaft, cam shaft, connecting rod, cylinder block and cylinder cover etc.

GY70 和 GY83 是本公司材质中专门针对铸铁加工的专用硬质合金牌号。该牌号也非常适合于干式切削，在粗加工和精加工汽车曲轴、缸体缸盖、凸轮轴、连杆时表现了优异的性能，比传统的 K05~K15 材质具有更高的加工效率和稳定性。

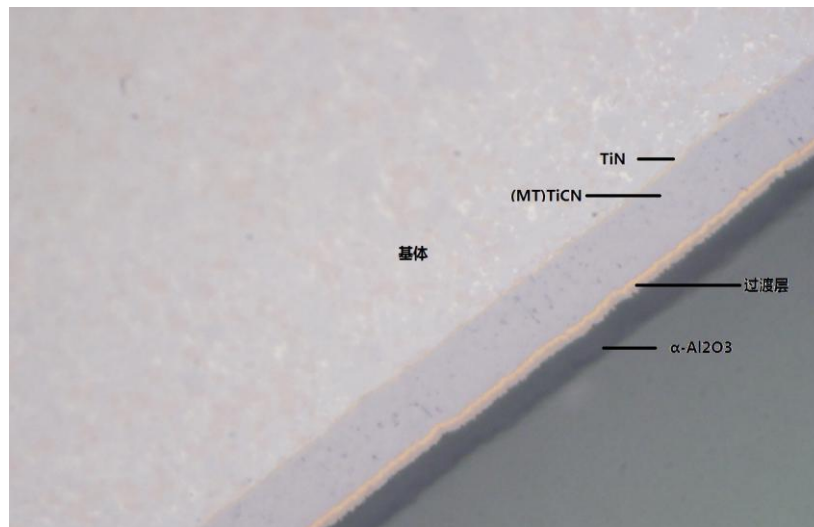


新型厚膜汽车专用涂层硬质合金

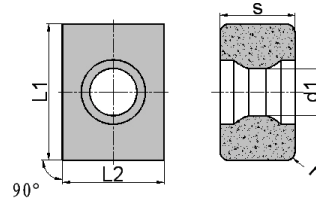
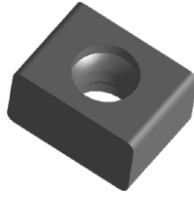
汽车刀具新牌号 GY70 和 GY83 硬质合金材料，与涂层结合更紧密，新型涂层采用本公司的厚膜 Al<sub>2</sub>O<sub>3</sub> 复合 CVD 涂层，涂层表面更采用微处理技术和专用特殊后处理技术，使表面特别平滑，且化学稳

定性极强，减少了铁屑对刀具表面的摩擦力，极大地提高刀具寿命。

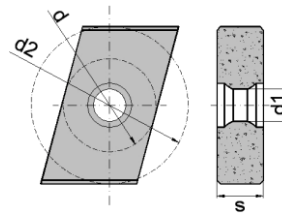
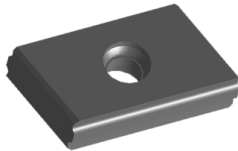
GY70 and GY83 is special carbide grade designed for the machining of cast iron in CTRI. This grade is very suitable for dry cutting, and excellent performance is shown in rough and finish machining of crankshaft, cylinder block and cylinder head, camshaft, connecting rod. Compared to traditional grade of K05~K15, it shows high machining efficiency and higher stability.



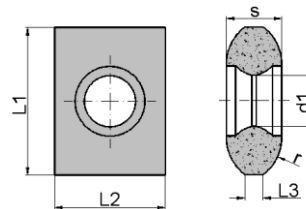
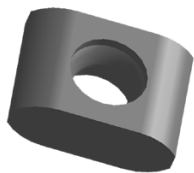
New grade GY70 and GY83 demonstrate closer combination with the Al<sub>2</sub>O<sub>3</sub> composite CVD coating. The micro processing technology and special processing technology make more smooth surface and very strong chemical stability, reduce the friction on the surface of iron tools, thus greatly improve the tool life performance.



Order No.	Dimension (mm)					Grade	
	L1	L2	s	d1	r	GY7094	GY83
21-000113-101-1	12.7	9.525	7	4.4	0.8	●	○



Order No.	Dimension (mm)				Grade	
	d	d2	s	d1	GY7081	GY83
21-001861-100-2	12.7	21.5	6.35	4.4	●	○



Order No.	Dimension (mm)						Grade	
	L1	L2	L3	s	d1	r	GY7026	GY83
21-002049-100-1	12.7	9.525	1.57	4.76	4.4	4	●	○