

RTP®硬质合金刀具材料

II

材质名称 (Grade)	WC (%)	CO (%)	晶粒度 Grain size (um)	比重 Density (g/cm ³) ±0.1	硬度 Hardness (HRA) ±0.5	断裂韧性 KIC (MNm-3/2)	抗折力 TRS (kgf/mm ²)
H09U	91	9	0.3	14.5	93.7	9.2	>350
H12U-T	88	12	0.3	14.2	93.0	9.6	>350

II

材质名称Grade	用途推荐 Applications								
Grade/Sort	H06U	H06U-T	H08U	H08U-K	H12U	H10S	H10F	H09U	H12U-T
碳素钢 Carbon steel						●	●		
回火钢 Tempered steel					●				●
淬火钢 Hardened steel	●	●		●				●	
不锈钢 Stainless steels	●	●			●		●		●
奥氏体不锈钢 Austenitic stainless steel						●			
灰口铸铁 Greycast iron						●			
耐热合金 Heat resistant alloys	●	●			●	●			●
钛合金 Titanium alloys			●	●	●			●	●
镍合金 Nickel alloys (Inconel)					●	●	●		●
铝合金 Aluminium alloys			●	●				●	
复合材料 Composite materials	●	●	●	●	●			●	●
碳纤维复合材料 CFRP	●	●	●	●	●			●	●
石墨 Graphite	●	●	●	●				●	
树脂材料 Resin			●						
木材 Wood			●	●				●	