



硬質合金板條 Carbide Pates

材料性能 Material Properties

牌號 Grade	鈷含量 Co%	晶粒度 Grain Size of WC μm	硬 度 Hardness		抗彎強度 Transverse Rupture Strength Mpa	密 度 Density g/cm ³	彈性模量 Elastic Modulus GPa	熱脹係數 Coefficient of Thermal Expansion 10 ⁻⁶ /°C	適用範圍 Applications
			HRA	HV					
W05B	6.5	1	91.4	1620	3100	14.8	525	4.9	適合加工實木.密度板.灰口鑄鐵.有色金屬等 Suitable to Process Solid Wood, MDF, Gray Cast Iron, Nonferrous Materials, etc.
W10C	7	1	90.5	1500	3100	14.7	520	5	適合加工實木等 Suitable to Wood, etc.
W03	5	0.6	93.5	1850	2600	14.9	540	4.8	抗腐蝕性能好,適用於竹木刀具及冷硬鑄鐵.淬硬鋼的加工等 Of Good Corrosion Resistance in Acidic Lubrication, Suitable to Process Cast Irons, Steels
W05	6	0.6	93	1870	3100	14.8	530	4.9	超細晶粒.高硬度.高耐磨適用於竹木刀具等 Ultra-fine Grained, of High Hardness and Wear Resistance, Suitable as Tools for Cutting Wood and Bamboo
W10	6	0.6	93	1850	3300	14.8	530	4.9	超細晶粒.適用於密度板及銅鋁合金.PCB.玻纖強化材料和石墨材料的加工 Ultra-fine Grained, Suitable to Process Solid Wood, to Process Copper Alloys, PCB, Glass Fiber Reinforced
W11	8	0.6	92.2	1740	3800	14.6	510	5.1	超細晶粒.適用於密度板及銅鋁合金.PCB.玻纖強化材料和石墨材料的加工 Ultra-fine Grained, Suitable to Process Solid Wood, to Process Copper Alloys, PCB, Glass Fiber Reinforced
W15	10	0.6	92	1700	3600	14.3	490	5.4	超細晶粒.高溫性能好.適合於硬木.密度板.刨花板.及普通鋼材的加工 Ultra-fine Grained, Suitable for Composites Processing Hardwood, MDF, Particleboard, Bamboo, Fiber-Reinforced
W20	10	0.6	91.7	1680	4300	14.4	490	5.4	超細晶粒.適合實木.密度板.灰口鑄鐵等的加工 Ultra-fine Grained, Suitable for Processing Hardwood, MDF, Gray, Cast Iron
W30	13	0.6	90.6	1470	4100	14.1	460	5.8	超細晶粒.適用於製作化纖刀等 Ultra-fine Grained, Chemical Fiber
W37	15	0.6	89.4	1350	3900	13.8	430	6.3	適用於切紙刀等 Suitable as Tools for Cutting Paper

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規格型號 Specifications

長度 Length	寬度 Width	厚 度 Thickness					
		2	3	3.2	3.5	3.8	4
310	8	●	●	●	●	●	●
310	9	●	●	●	●	●	●
310	10	●	●	●	●	●	●
310	12	●	●	●	●	●	●
310	13	●	●	●	●	●	●
310	14	●	●	●	●	●	●
310	15	●	●	●	●	●	●
310	16	●	●	●	●	●	●
310	18	●	●	●	●	●	●
310	20	●	●	●	●	●	●
310	22	●	●	●	●	●	●
310	25	●	●	●	●	●	●
310	28	●	●	●	●	●	●
310	30	●	●	●	●	●	●
310	32	●	●	●	●	●	●
310	35	●	●	●	●	●	●
310	40	●	●	●	●	●	●
170	80	●	●	●	●	●	●

