

Carbide

- HW** Uncoated carbide, consisting mainly of tungsten carbide (WC)
HT¹⁾ Uncoated carbide, consisting mainly of titanium carbide (TiC) or titanium nitride (TiN) or both
HC Carbides as above, but coated

Ceramic

- CA** Oxide ceramic, consisting mainly of aluminium oxide (Al_2O_3)
CM Mixed ceramic, based on aluminium oxide (Al_2O_3), but with different oxide components
CN Nitride ceramic, consisting mainly of silicon nitride (Si_3N_4)
CC Ceramics as above, but uncoated

Diamond

- DP²⁾** Polycrystalline diamond

Boron nitride

- BL²⁾** Polycrystalline cubic boron nitride with a low CBN content (40% - 65%)
BH²⁾ Polycrystalline cubic boron nitride with a high CBN content (70% - 95%)
BC²⁾ Polycrystalline cubic boron nitride with coating

¹⁾ These carbides are also called 'cermets'.

²⁾ Polycrystalline diamond and polycrystalline boron nitride are also called ultra-hard cutting materials.