

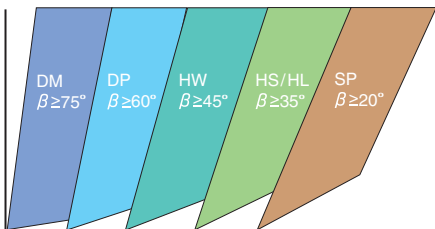


# Cutting Edge Materials

Abbreviation	Material	Area of Application	Kanefusa' s Product Range
DM	Single Crystal Diamond (MCD)	Laminate flooring Machining plastics like PMMA	Custom made tooling
DP	Polycrystalline Diamond (PCD)	Various flooring materials Panel based furniture Cement-fiber board Various plastics Non-ferrous metals	Board Pro DIA saw blades DIA-Vtech saw blades Cosmobit router bits Cutters Routers
HC-UP 	Advanced Material Technology treated Tungsten Carbide	Solid wood based products such as - Furniture and chairs - Stairs and windows - Structural lumber	SF-saw blades E-Bit router bits Finger joint cutters Profile cutters and routers
HW	Tungsten Carbide	Panel based products Solid wood products Non-ferrous metals Various plastics	Board Pro saw blades Timber Max saw blades Sash Pro saw blades Yield Pro saw blades
HS-HP 	Advanced Material Technology treated High Speed Steel	Planing, profiling and finger jointing of solid wood	ST-1 knives ENSHIN knives Finger Joint Cutters
HS	High Speed Steel (HSS)	Veneer and chip production	Industrial knives
HL	Alloy Steel	Veneer and chip production	Timber Tec Knives Industrial knives
SP	Tool Steel	Veneer and chip production	Industrial knives



Suitable edge angle [  $\beta$  ] according to cutting edge material

