



Carbide Metals Inc.

Application Chart

Micrograin Grades - .8 micron grain size (average)

Grade	Characteristics	Applications
C-91A	Excellent wear resistance Low impact	Centerless grinder blades, compacting ceramics, compacting dies
C-88A	High wear resistance Medium impact	Rotary drills, dies, crush rolls, most cutting applications
C-13A	High wear resistance Medium impact	Roughing and stamping dies
C-15A	Good wear resistance Medium impact	Coining dies, punches, blanking dies, crush rolls

Medium Grain – 2-3 micron grain size (average)

Grade	Characteristics	Applications
C-89	Excellent wear resistance Low impact	Drills, reamers, slitter rings, spray nozzles, wear pads
C-99	High wear resistance Medium impact	Stamping and compacting dies
C-88	High wear resistance Medium impact	Scroll dies, forming dies, stamping dies, lamination dies
C-85	Good wear resistance Moderate impact	Boring bars, forming dies, mandrels