

CA5-Series NEW

CVD COATED CARBIDE GRADES FOR STEEL



New Innovations in Steel Machining

with **CA5** Series Grades &
P Series Chipbreakers

CA510

Special substrate with thermal deformation resistance along with a thick and tough film coating for wear resistance

Application: High speed and high efficiency steel machining

CA515

Special substrate and tough coating film provides thermal deformation and high wear resistance

Application: Continuous to light interrupted steel machining (general use)

CA525

Special substrate and tough coating film provides high wear and fracture resistance

Application: **1st Choice** for steel machining

CA530

Special tough substrate and tough coating film provides high stability and wear resistance

Application: General to heavy interrupted machining (stability oriented)

High Adhesion Strength Coating Layer with Ultra Fine Interface

Long tool life and stable machining with **40%** improved adhesion strength!

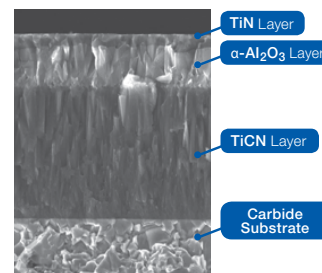
Smooth and Flat Surface Reduces Cutting Forces

Sharp cutting and stable machining with a smooth, flat surface preventing sudden breakage caused by material welding onto the cutting edge

Innovative Coating Layers Produce Superior Hardness and Toughness

Special crystal control technology

Long tool life with the high aspect ratio of α -Al₂O₃ layer



GRADES	A
INSERTS	B
CBN & PCD	C
TOOLHOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
HSK TOOLING	N
SPARE PARTS	P
TECHNICAL	R
INDEX	T