

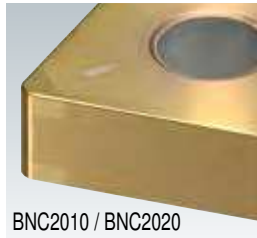
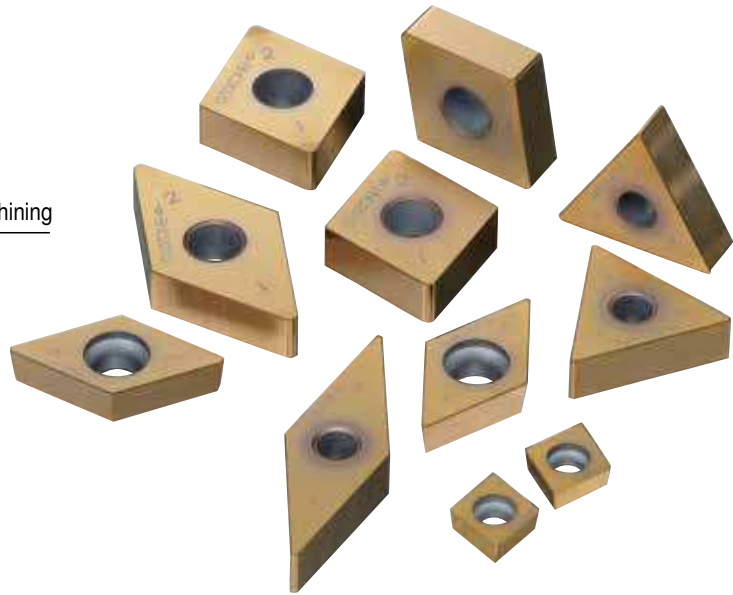
# NEW PRODUCTS GUIDANCE

## 10

Coated CBN Grades for Hardened Steel Machining

### Coated SUMIBORON BNC2010 / BNC2020

A new series of Coated CBN grades has been released. BNC2010 achieves excellent boundary wear resistance and maintains the intended surface roughness for a long time. BNC2020 achieves excellent fracture resistance and ensures stable tool life.



BNC2010 / BNC2020

## 25

PCD Chipbreakers for Non-Ferrous Metals

### SUMIDIA Break Master NLD Type / NGD Type

3D chipbreakers have been added to the SUMIDIA insert series. The NLD type and NGD type chipbreakers achieve outstanding chip control in semi-finishing and finishing of aluminum alloys. The employment of high toughness grade DA1000 achieves stable, long tool life.



NLD type



NGD type