

KORLOY *Strong* PROMO 2021.B

PC8100, NC9100, NC3200 BUY 20 GET 10 FREE

- PC8100 Series for Heat Resistant Alloys
- NC9100 Series for Stainless Steels
- NC3200 Series for Forged and Bearing Steels

* (End-user) Drop-shipment Only

* Limited to 100 free inserts per end user on 4 and 5 series insert

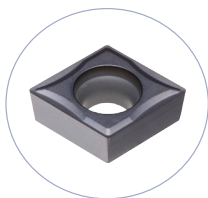
* 6 Series limited to 50 free inserts per end user

* Offer limited to US or Korea stock inserts only 4/5/6 series only

* Must purchase 20 of single grade and receive 10 free of same grade

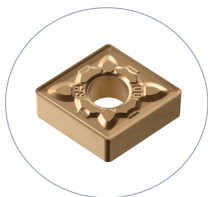


• PC8105 / PC8110 / PC8115 - A Solution for Machining Hard-to-cut Materials



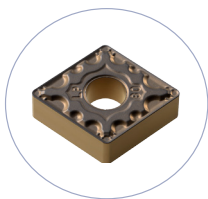
- **Stable tool life** : Higher productivity
- **Longer tool life and high removal rate** : Possible and shortened cutting time
- **Perfect harmony between grades and chip breakers** : Increased tool life & Various operation range such as finishing and roughing
- **Proper to machine heat resistant alloy and stainless steel**

• NC9115 / NC9125 / NC9135 - CVD Coated Turning Insert for Stainless Steel



- **Solving the four main issues in stainless steel machining** : Prevents built-up edge, notch wear, plastic deformation, and burrs
- **Stable tool life at high speeds, feeds, and depths of cut**
- **Ideal combination of grade and chip breaker**
- **Versatile applications for different workpiece materials**

• NC3215 / NC3225 - Grade for All Applications of Steel



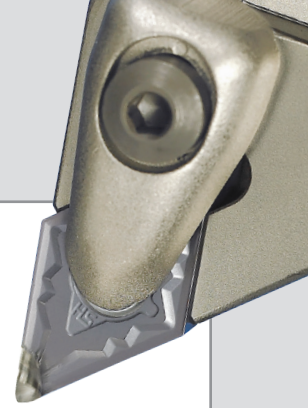
- **Stable tool life** : More stable production
- **Longer tool life & higher removal rate** : Makes cutting condition higher, faster and shortens cutting time
- **Good balance of grade and chip breaker** : Longer tool life & Wide range of application
- **Applicable to various automobile components with forged steel, bearing steel, etc.**

 **KORLOY AMERICA**

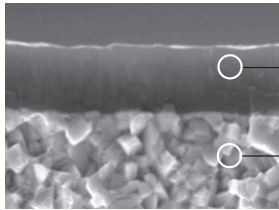
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Promotion Validity :

From July 1st ~ December 31st



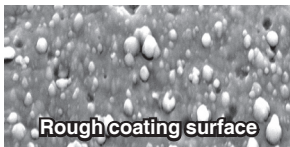
● Features of PC8100 Series



It prevents wear at a high temperature to apply excellent surface roughness and coating with oxidation resistance and high hardness

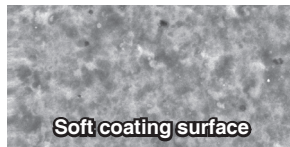
It improves wear resistance to equalize submicron matrix, secure stability between corners and improve chipping and wear resistance

Coating surface treatment technology



Rough coating surface

Conventional coating

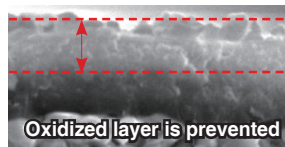


Soft coating surface

Improved lubrication

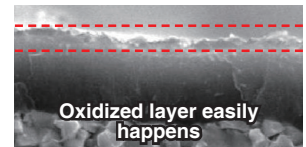
PC8100 Series

Oxidation resistant coating technology (Heat-treated at 900°C)



Oxidized layer is prevented

Competitor

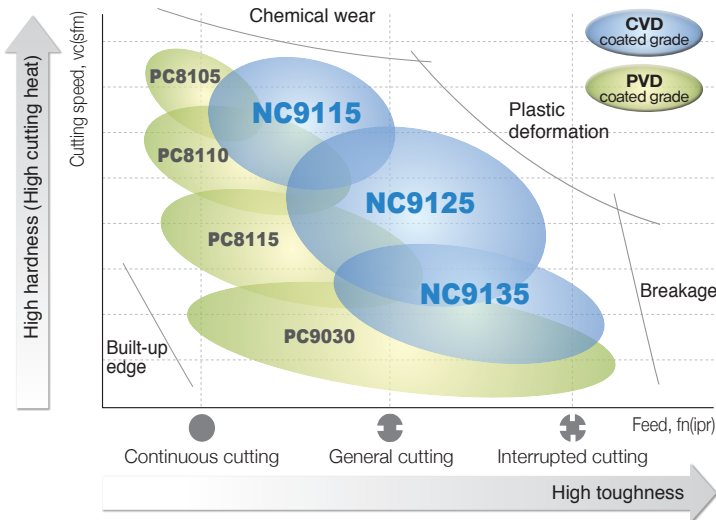


Oxidized layer easily happens

Improved oxidation resistance

PC8100 Series

● NC9100 Series Grade Lineup & Chip Removal Volume per Cutting Speed



Grade	ISO	Cutting speed (sfm)	Chip removal volume(in ³)
NC9135	M35	492	12.9
PVD coated grade	M30		15.6
Competitor	M35	656	7.7
NC9135	M35		7.7
PVD coated grade	M30		3.4
Competitor	M35	656	4.0

- Higher productivity than PVD grades at high speeds over 150m/min

● NC3215 / NC3225 Application Range

