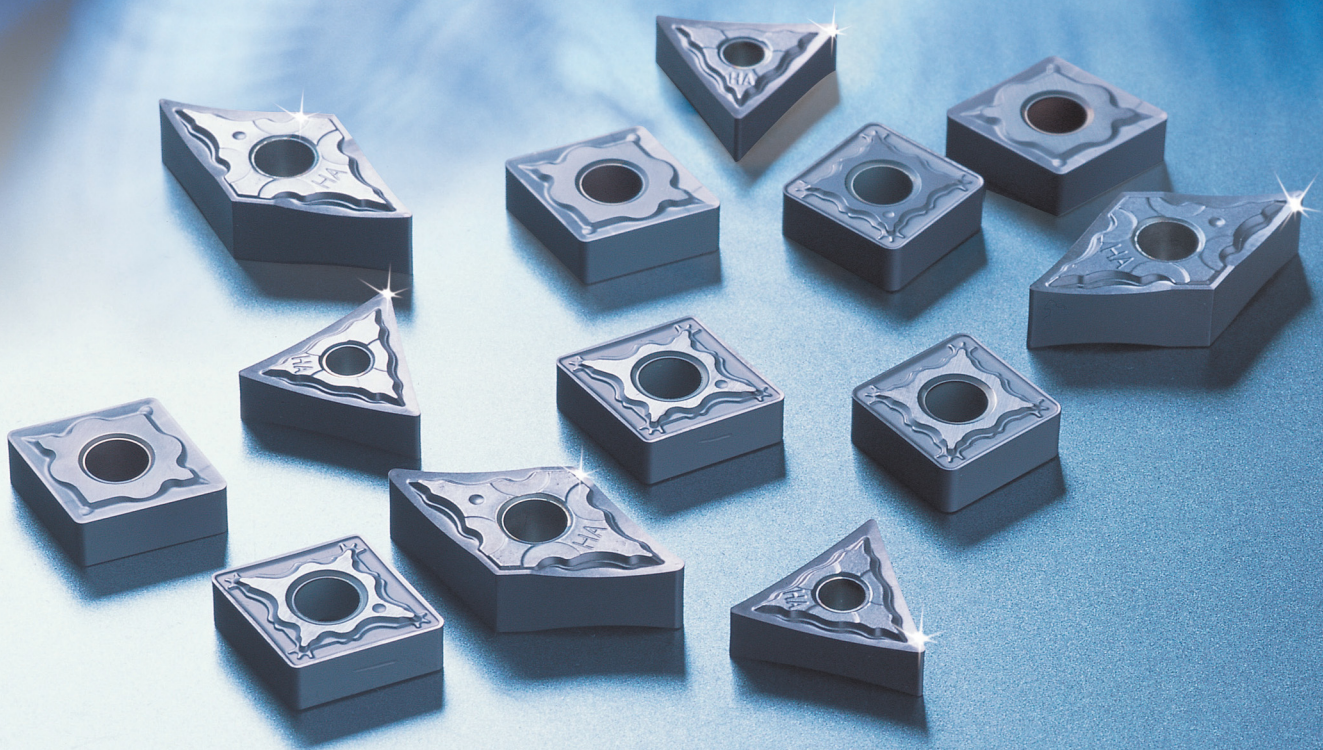


**FOR STS
NEW-GRADE**

PVD Coated Grade for Turning Stainless Steel

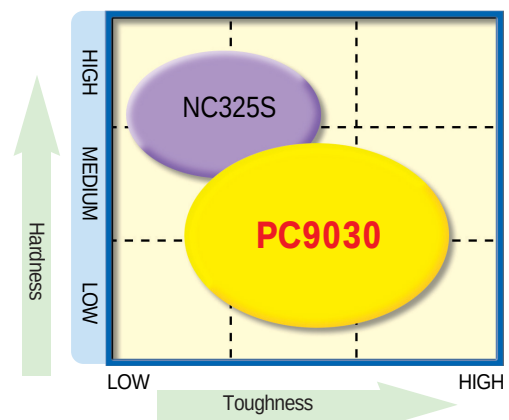
PC9030



PC9030 Features

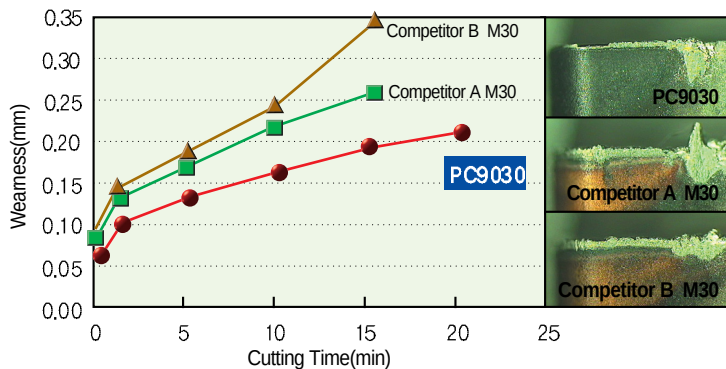
1. Superior wear-resistance and toughness at medium and low speed Stainless Steel turning.
2. PVD Coated layer avoids built-up-edge and chipping problems.
3. TiAlN thin film avoids oxidation and performs well in dry cutting operation.
4. Thanks to the newly developed substrate and thin film, it is outstanding in Stainless Steel turning.

PC9030 Application



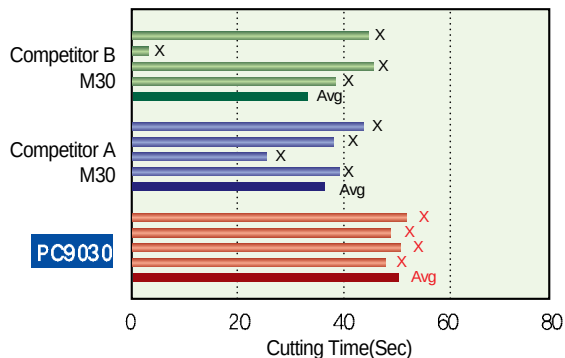
PC9030 Performance

Wear-resistance



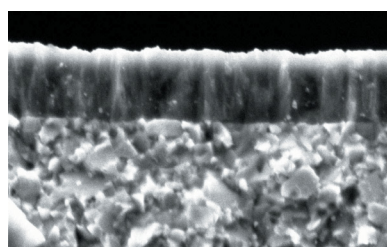
1. Work-piece : STS304(DIN X5CrNi89)
2. Description : CNMG120408-HM
3. Condition : V=150m/min, f=0.25mm/rev, d=2.0mm, Wet

Impulse-resistance



1. Work-piece : SCM440-4 Straight grooves(DIN 42CrMo4)
2. Description : CNMG120408-HM
3. Condition : V=180m/min, f=0.45mm/rev, d=2.0mm, Dry

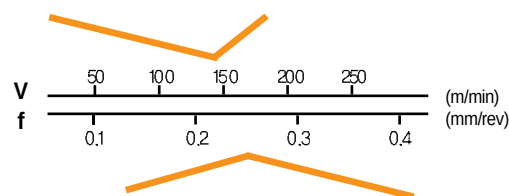
PC9030 Grade & Film



PVD Coated layer
for anti-built up edge
and anti-chipping

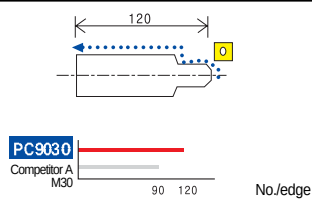
Ultra fine substrate
for high toughness

PC9030 Recommended Cutting Condition

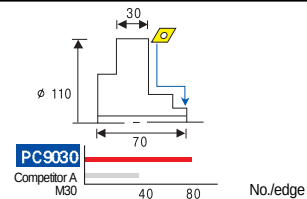


PC9030 Application Example

Description	SNMG120412-HM
Work-piece	Ni-Cr Steel
V(m/min)	90
f(mm/rev)	0.05
d(mm)	1.5
Coolant	Dry



Description	CNMG120404-GS
Work-piece	STS304(DIN X5CrNi89)
V(m/min)	220
f(mm/rev)	0.25
d(mm)	1.0
Coolant	Dry



PC9030 Stocked Standard Items

CNMG120404-HA
CNMG120408-HA
DNMG150604-HA
DNMG150608-HA
SNMG120404-HA
SNMG120408-HA
TNMG160404-HA
TNMG160408-HA
WNMG080404-HA
WNMG080408-HA

CNMG120404-HM
CNMG120408-HM
SNMG120408-HM
SNMG120412-HM
TNMG160408-HM

CNMG120404-GS
CNMG120408-GS
CNMG120412-GS
DNMG150604-GS
DNMG150608-GS
SNMG120408-GS
TNMG160404-GS
TNMG160408-GS

WNMG080404-GS
WNMG080408-GS

CCMT09T304-HMP
CCMT09T308-HMP
CCMT120408-HMP
CCGT09T304-HFP