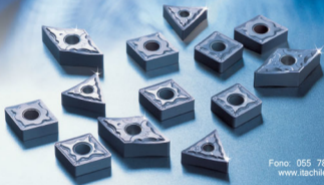


**FOR STS
NEW-GRADE**

PVD Coated Grade for Turning Stainless Steel

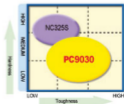
PC9030

Fono: 055 787169
www.itachile.com

PC9030 Features

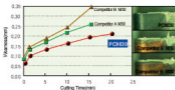
1. Superior wear-resistance and toughness at medium and low speed Stainless Steel turning.
2. PVD Coated layer avoids built-up-edge and chipping problems.
3. TiAlN thin film avoids oxidation and performs well in dry cutting operation.
4. Thanks to the newly developed substrate and thin film, it is outstanding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

PC9030 Application



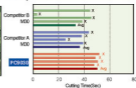
PC9030 Performance

Wear-resistance



1. Work-piece : STS304(DIN X5CrNi18)
2. Description : DNMG120403-HM
3. Condition : V=150m/min, F0.25mm/rev, d=2.0mm, Wet

Impulse-resistance

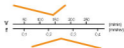


1. Work-piece : SCM440-4 (Straight grooves)(DIN 40CM4)
2. Description : DNMG120403-HM
3. Condition : V=180m/min, F0.45mm/rev, d=3.0mm, Dry

PC9030 Grade & Film



PC9030 Recommended Cutting Condition



PC9030 Application Example

Description	SNMG120403-HM
Work-piece	12Cr Steel
V(m/min)	90
F(mm/rev)	0.05
d(mm)	1.5
Coolant	Dry

Description	DNMG120403-GS
Work-piece	ST304(DIN 1.4308)
V(m/min)	220
F(mm/rev)	0.25
d(mm)	1.5
Coolant	Dry

PC9030 Stocked Standard Items

CNMG120404-HA
 CNMG120403-HA
 SNMG150904-HA
 DNMG150904-HA
 SNMG120404-HA
 SNMG120403-HA
 TNMG160404-HA
 TNMG160403-HA
 VMNG280404-HA
 VMNG280403-HA

CNMG120404-HM
 CNMG120403-HM
 SNMG120403-HM
 SNMG120412-HM
 TNMG160403-HM

CNMG120404-GS
 CNMG120403-GS
 CNMG120412-GS
 DNMG150904-GS
 DNMG150903-GS
 SNMG120403-GS
 TNMG160404-GS
 TNMG160403-GS

VMNG080404-GS
 VMNG080403-GS

COMT00T304-HMP
 COMT00T303-HMP
 COMT120403-HMP
 COGT09T304-HFP