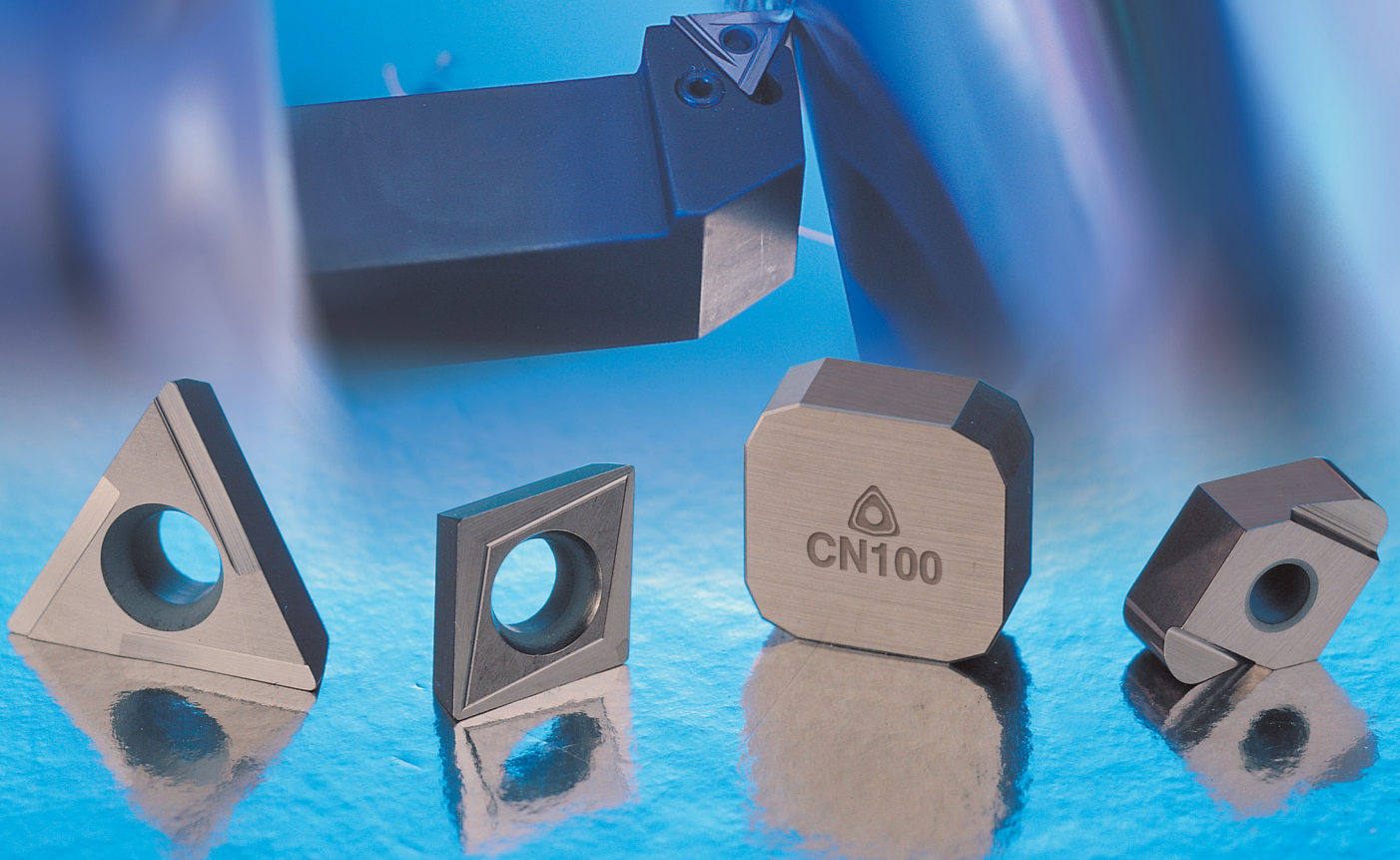


Cermet grade for medium
and finishing in high cutting speed



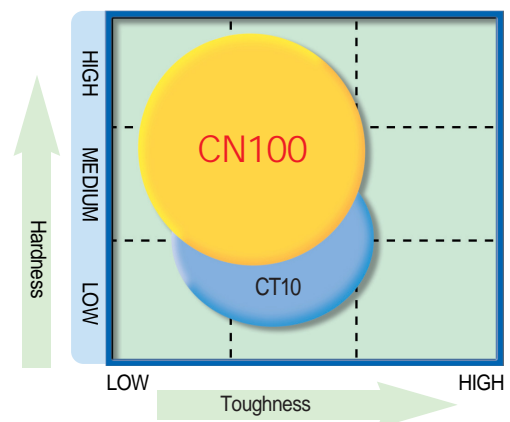
CN100



CN100 Features

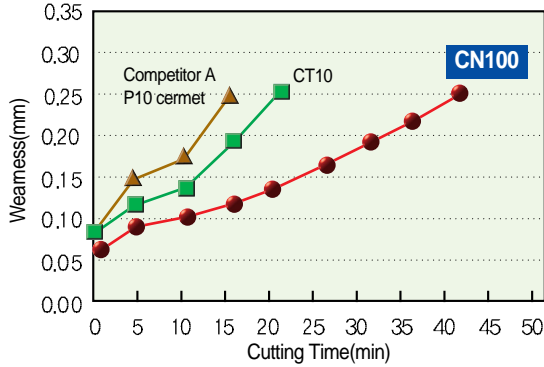
1. High hardness cermet grade combining P05's wear-resistance and P10's toughness.
2. Thanks to the improvement of heat-resistance and wear-resistance, it has a long tool life.
3. High efficient cermet grade in medium and finishing in high cutting speed.

CN100 Application



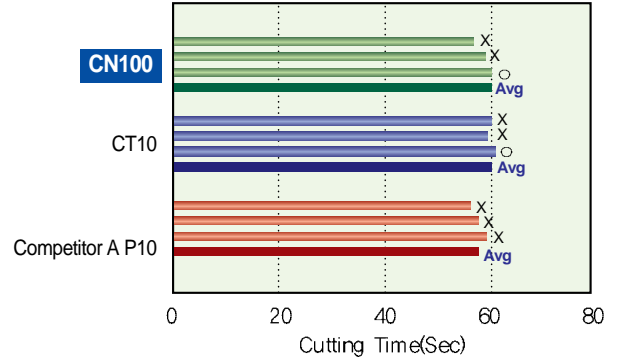
CN100 Performance

Wear-resistance



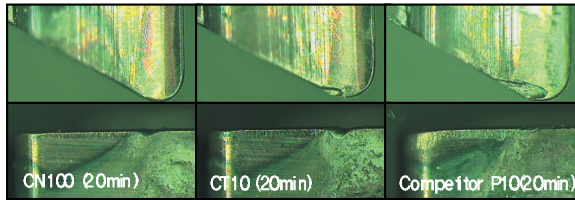
- SCM440
- TNGG160404R
- V=230m/min, f=0.31mm/rev, d=1.5mm, wet

Chipping-resistance

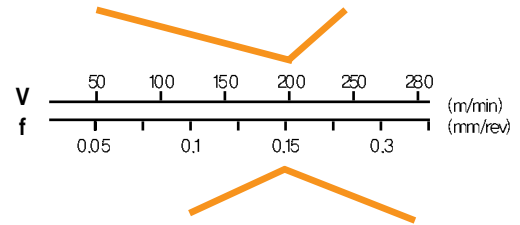


- SCM440-4 Straight grooves
- TNGG160404R
- V=200m/min, f=0.17mm/rev, d=1.0mm, dry

CN100 Comparison of Wear with General Cermet Grade



CN100 Recommended Cutting Condition



CN100 Application Example

Description	T-E3007C/A
Work-piece	FCD70(Crank Shaft)
V(m/min)	119-165
f(mm/rev)	0.1
d(mm)	0.35
Coolant	Dry

Description	TNGG160404R
Work-piece	Scr420H1(Clutch board)
V(m/min)	200
f(mm/rev)	0.1
d(mm)	0.1~0.2
Coolant	Dry

CN100 Stocked Standard Items

CPGT080204
CPGT090304
SPGA090308T
SPGA090308T-Z
TBGT060102L

TNGA160404
TNGA160408
TNGG160402R
TNGG160404L
TNGG160404R
TNGG160408R
TNGG220404R
TNGG220408R

TPGH080202L
TPGH080204L
TPGH110304-C05
TPGK731L

TPGT110304L
TPGT110304R
TPGT160404L
TPGT160404R

WBG020102L