

INSERT GRADES

2 New Grades for Extending Tool Life when Machining Heat Resistant Alloys and Difficult-to-cut Materials

CA6535 (CVD) **NEW**
for Ni-base Heat Resistant Alloy and Martensitic Stainless Steel

PR1535 (PVD) **NEW**
for Titanium Alloy and Precipitation Hardened Stainless Steel

New grades for difficult-to-cut material

- Stable cutting prevents insert fracturing
- Good for high efficiency machining



CA6535

- For Ni-base heat resistant alloy and martensitic stainless steel
- High heat resistance and wear resistance with CVD coating
- Improved stability due to thin film coating technology

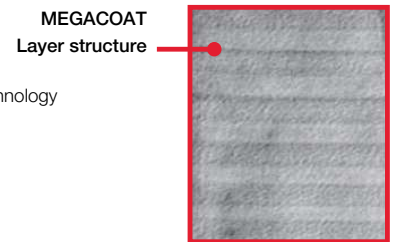
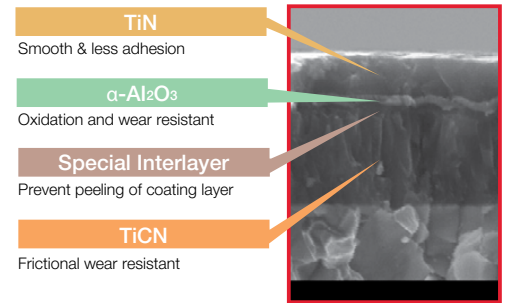


PR1535

- For titanium alloy and precipitation hardened stainless steel
- Stabilized milling operation and long tool life with Kyocera's MEGACOAT NANO coating technology
- Improved stability due to thin film coating technology

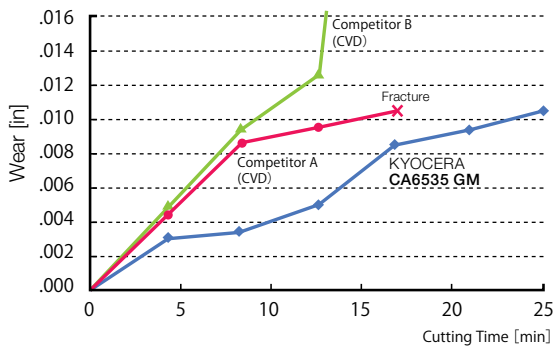


Newly Developed Tougher Substrate



MEGACOAT Layer structure

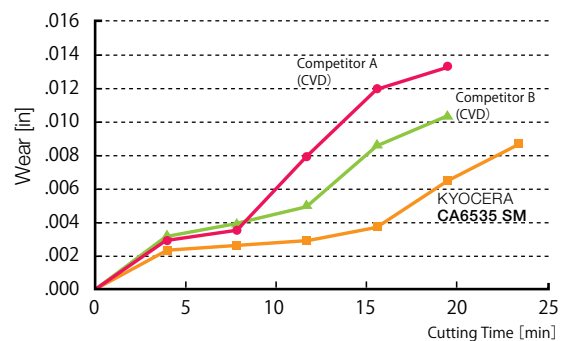
• Ni-base Heat Resistant Alloy



< Cutting Condition > Vc=175sfm, ap=0.039", fz=0.006ipt, WET

1st recommendation GM chipbreaker

• Martensitic Stainless Steel



< Cutting Condition > Vc=975sfm, ap=0.079", fz=0.008ipt, WET

1st recommendation SM chipbreaker

GRADES	A
INSERTS	B
CBN & PCD	C
TOOLHOLDERS	D
SMALL TOOLS	E
BORING	F
GROOVING	G
CUT-OFF	H
THREADING	J
HSK TOOLING	N
SPARE PARTS	P
TECHNICAL	R
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