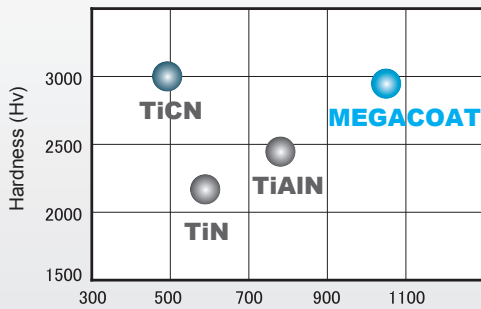


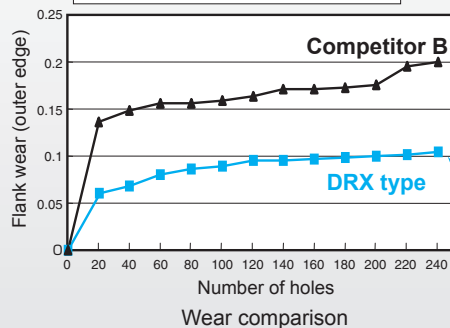
Three Insert Grades: (PR1230: for Steel, PR1225: for Stainless Steel / Low Carbon Steel, PR1210: for Cast Iron)



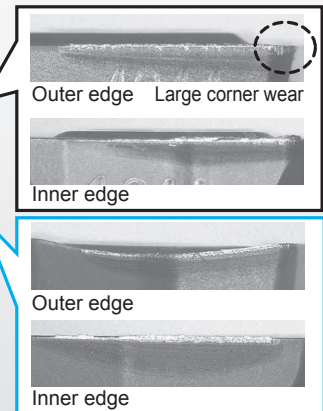
MEGACOAT's High oxidation resistance

MEGACOAT
is used to enable longer
Tool Life

Vc=150 m/min, f=0.1 mm/rev.,
Dc=ø20, H=35 mm, WET,
X5CrNi18 10 (SUS304): ZXMT06T204SM (PR1225)

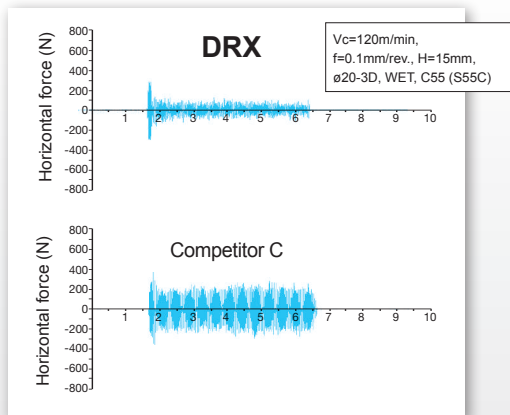


Better wear resistance than competitor B
Achieving long Tool Life



High Precision: Balanced System

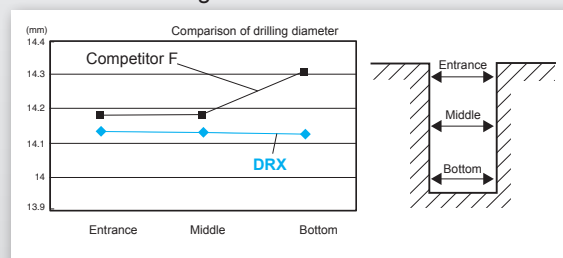
Vibration comparison



Less vibration due to good balance during Drilling

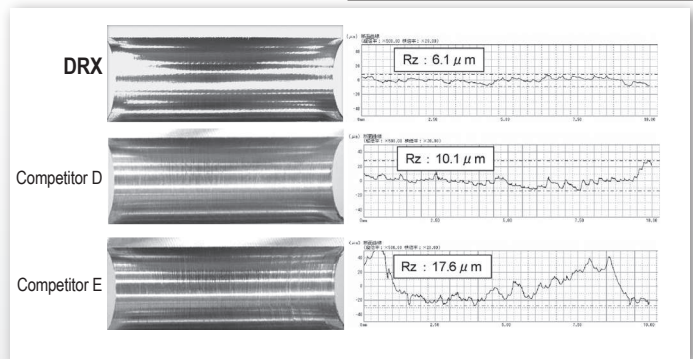
Better finishing surface

Variation of drilling diameter



Finished surface comparison

Vc=180m/min, f=0.15mm/rev., H=60mm (through hole), ø20-3D, WET, C45 (S45C), NC Lathe



Better finished surface than Competitor D and E

Possible to extend tool life of next process

Vc=180m/min, f=0.08mm/rev., H=56mm (blind hole), ø14-4D, WET, C50

Compared to competitor F, its excellent chip evacuation performance provides a maintained good balance and less variation in cutting dia. Drastically improved straight machining capability