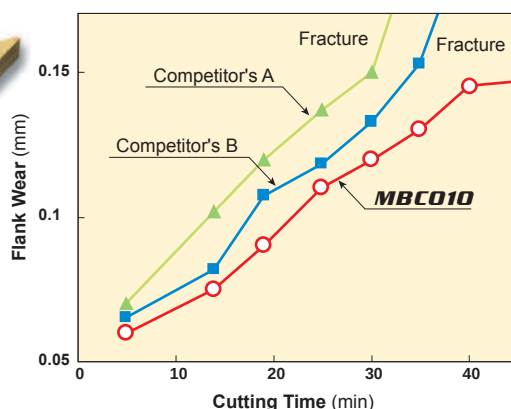


CBN & PCD TURNING INSERTS

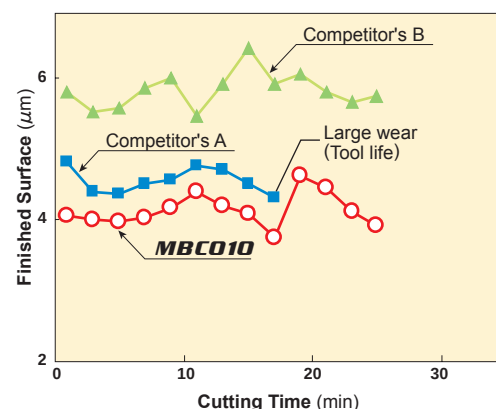
MBC010

CBN & PCD TURNING INSERTS

**WEAR RESISTANCE**

<Cutting Conditions>

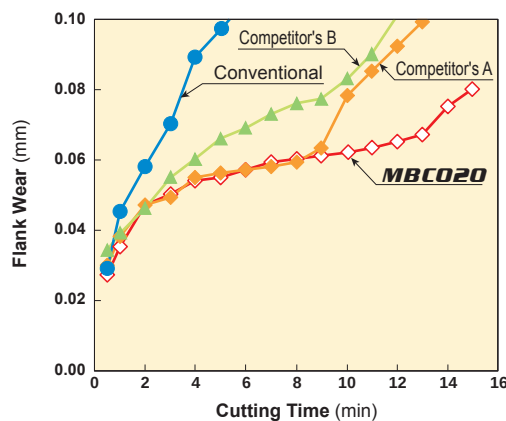
Workpiece : Alloy steel (60HRC)
 Insert : NP-CNGA120408GS2
 Cutting Speed : 300m/min
 Feed : 0.05mm/rev
 Depth of Cut : 0.1mm
 Dry Continuous Cutting

FINISHED SURFACE

<Cutting Conditions>

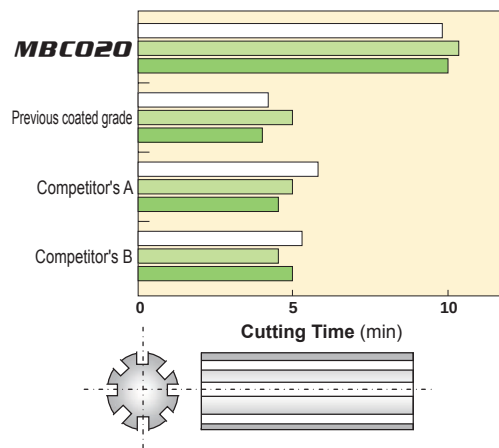
Workpiece : Alloy steel (60HRC)
 Insert : NP-CNGA120408GS2
 Cutting Speed : 150m/min
 Feed : 0.15mm/rev
 Depth of Cut : 0.2mm
 Dry Continuous Cutting

MBC010 employs TiN based coating for superior, consistent surface finishes.

MBC020**TOUGHNESS**

<Cutting Conditions>

Workpiece : Alloy steel (60HRC)
 Round bar
 Insert : NP-CNGA120408GA4
 Cutting Speed : 220m/min
 Feed : 0.1mm/rev
 Depth of Cut : 0.1mm
 Dry Continuous Cutting



<Cutting Conditions>

Workpiece : Alloy steel (60HRC)
 8 Grooves
 Insert : NP-CNGA120408GA4
 Cutting Speed : 200m/min
 Feed : 0.1mm/rev
 Depth of Cut : 0.1mm
 Dry Interrupted Cutting

MBC020 exhibits excellent cutting performance for a wide range of applications from continuous through to interrupted machining.