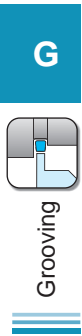


# Summary of KGD Grooving

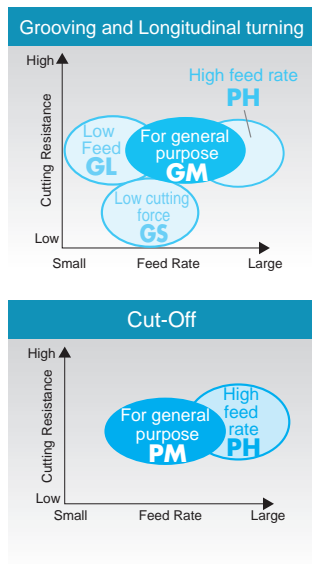
## Features

### 1 Various insert lineup

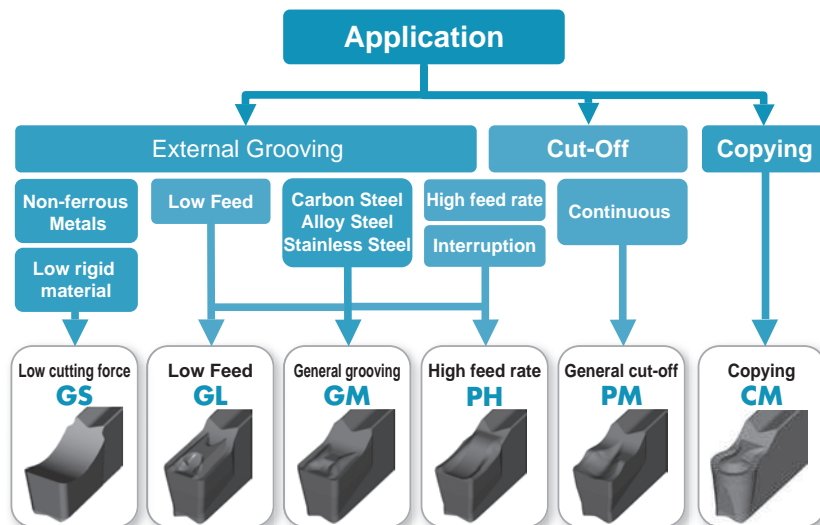
- **Smooth chip control**  
➔ Newly-introduced chipbreakers designed to cover a variety of workpiece materials.
- **High precision edge preparation**  
➔ High precision molding technology with tolerance  $\pm 0.03$  mm (Edge width 2, 3, 4 mm types)
- **Highly-reputed MEGACOAT technology**  
➔ Long tool life and high efficiency machining achieved by superior oxidation resistance and wear resistance.



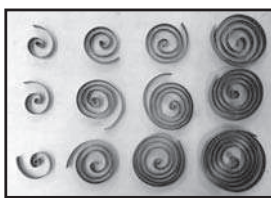
#### ● Application Map



#### ● Chipbreaker Selection



#### ● Comparison of Chip Control (SCM415 Vc=150m/min, f=0.15mm/rev)



GM Chipbreaker



Competitor A

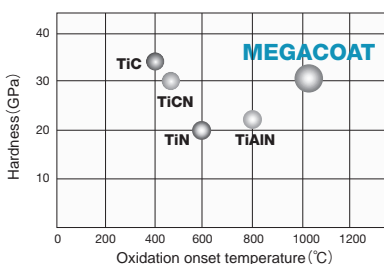


Competitor B

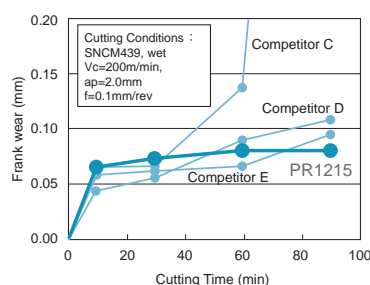
**Smooth chip control**

**Less chip biting troubles**

#### ● Features of MEGACOAT



#### ● Wear Resistance Comparison



#### PR1225:

1st choice for cut-off, grooving and Longitudinal turning

#### PR1215:

With superior wear resistance, recommended for grooving and cut-off under the stable conditions as well as machining of cast iron.