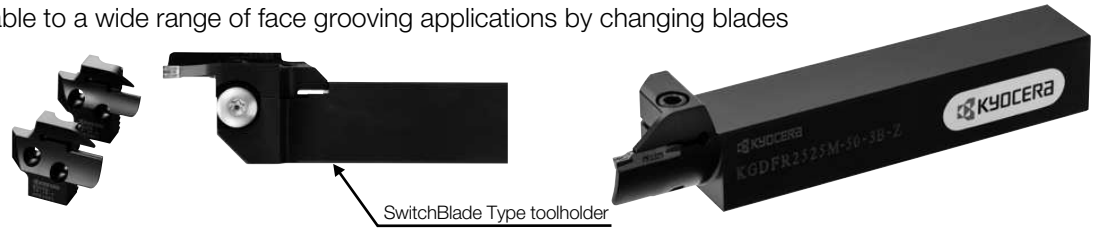
для заказа - kyocera@kyocera-tools.ru

Features

SwitchBlade type toolholder (toolholder + blade) and Integral type toolholder are available.

Adaptable to a wide range of face grooving applications by changing blades

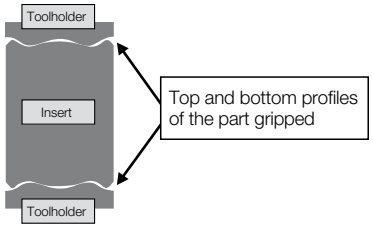


New insert clamping system "W Grip"

Unique "W Grip" (insert anti-slip structure) provides stable machining quality

1) Prevents abnormal machining surface and / or insert breakage resulting from slip of insert.
2) Improves repetitive installation accuracy of insert

GDFM and GDFMS inserts are not applicable to KGD external grooving and cut-off toolholders.



W Grip technology

Smooth chip control

For general purpose GM Chipbreaker, For high feed grooving GH Chipbreaker, For deep grooving DM Chipbreaker

Advantages of Chipbreaker

For General Purpose GM Chipbreaker

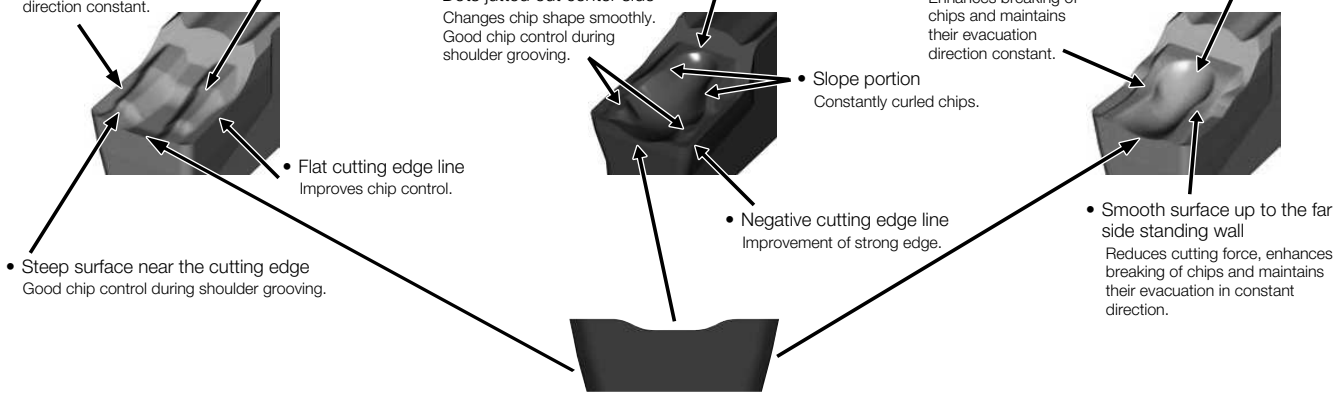
- Smooth surface from cutting edge to the far side
  Enhances breaking of chips and maintains their evacuation direction constant.
- Gradually raised surface.
  Keeps curling of chips in constant shape.
- Flat cutting edge line
  Improves chip control.
- Steep surface near the cutting edge
  Good chip control during shoulder grooving.

For High Feed Grooving GH Chipbreaker

- Concave part in middle
  Control chips upward.
- Dots jutted out center side
  Changes chip shape smoothly. Good chip control during shoulder grooving.
- Slope portion
  Constantly curled chips.
- Negative cutting edge line
  Improvement of strong edge.

For Deep Grooving DM Chipbreaker

- Concave part in middle
  Enhances breaking of chips.
- Inflated inner surface
  Enhances breaking of chips and maintains their evacuation direction constant.
- Smooth surface up to the far side standing wall
  Reduces cutting force, enhances breaking of chips and maintains their evacuation in constant direction.



- Curved lead edge
  Keeps chips in constant shape.

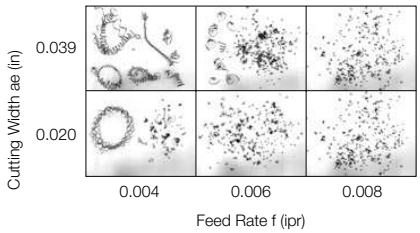
Chip Control of GM Chipbreaker

<Cutting Conditions>
Vc=490sfm f=0.002~0.008ipr GDFM5020N-040GM 4118 Wet

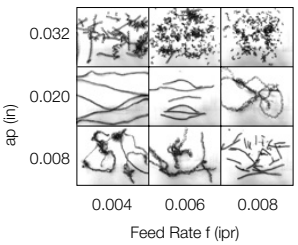
Face Grooving(Ø2.440" / Ø62)



Side Grooving



Turning



High precision edge preparation

High precision molding technology with tolerance ±0.03mm (Edge width 2, 3, 4mm types)

Highly-reputed MEGACOAT technology

Long tool life and high efficiency machining achieved by superior oxidation resistance and wear resistance.

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