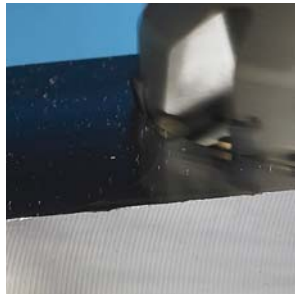
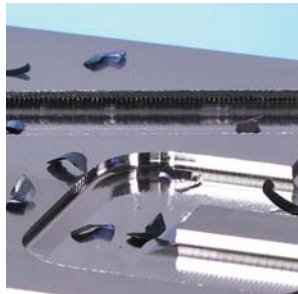
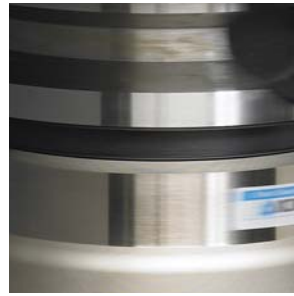
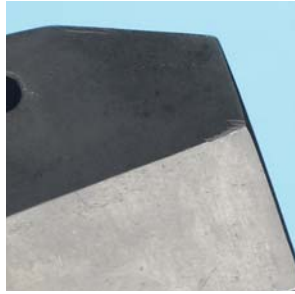
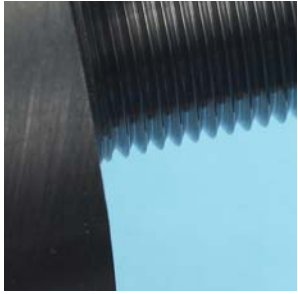
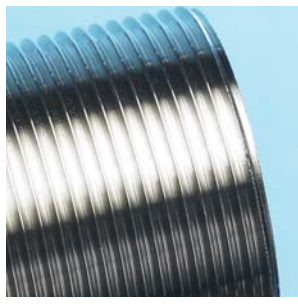


WE CREATE
YOUR
TOMORROW!



**The Total
Cutting tool
Manufacturer**

 **KORLOY**

Your invitation to KORLOY Inc.

RICH MILL SERIES



LNMX151008PNR-MM/MF

RM4

RM4, as a multi functional milling tool, offers economical 4 cutting edges by using innovative double-sided insert.

RM8

Innovative double-sided high rake angle insert make it possible to use 8 cutting edges per a milling insert.

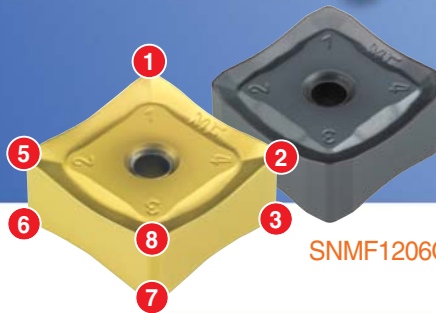


SNMX1206ANN-MM/MF

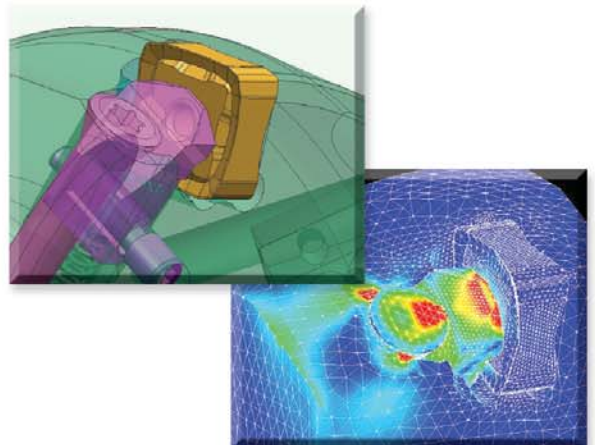


RMT

New latch clamping system ensures the powerful cutting force and easy to insert change.



SNMF1206QNN-MM/MF





HRM FMR

WDKT130520ZDSR-MH

HRM

- Powerful & economic milling tool with double clamping and 3 corner-use insert.
- Revolutionary design of the cutter and the special cutting edge of the insert make superb feed rate possible when compare with conventional tools. (Max. fz3.5mm/tooth, 0.14ipt)
- HRM can cover various applications due to HRM insert size 08,10,13 and 15 line up.

FMR

- FMR can cover various applications such as machining of general steel, cast iron and hardened mold steel, from roughing to finishing.
- Double contact faces between insert and seat part of cutter due to the 2-step configuration of insert provide excellent rotating-free machining.
- Insert of FMR can be used 4 to 8times and ensured full line up. (inscribed circle of insert : 05, 06, 07, 08, 10, 12, 16, 20)



RDKT1204M0-MM/MF/MA



SPD & NPD

- New indexable drill for hole drilling and excellent chip evacuation due to specially designed flute.
- Various chip breakers & grades are available for variety of application.
- SPD $\varnothing 13\text{mm} \sim \varnothing 22\text{mm}$ / NPD $\varnothing 23\text{mm} \sim \varnothing 60\text{mm}$

SPD
NPD
BTA

THREADING
INSERT

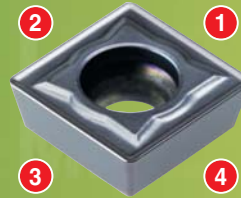


- 4 cutting-edges using insert



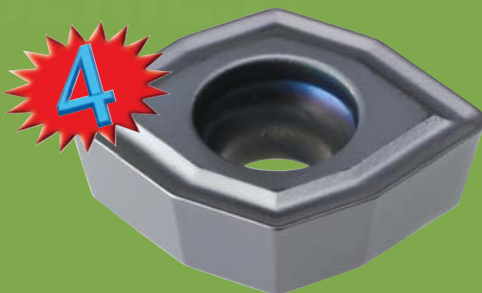
SPMT06024-DM/DS/DA

- Same insert is available for both position of insert pocket of drill

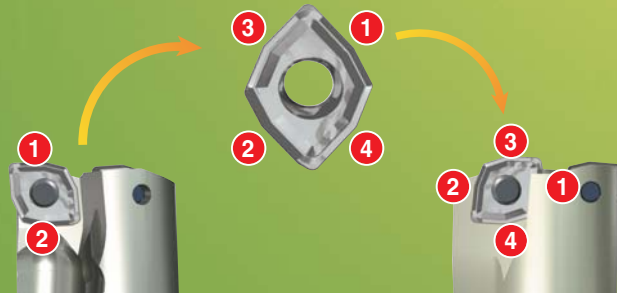


- Chip breaker of SPD insert provides excellent chip control property due to its engineered design
- Easy & simple change of cutting edge
- Economical by using same insert at both position of insert pocket of drill
- Available SPD size : $\varnothing 13\text{mm} \sim \varnothing 22\text{mm}$
- Since SPD makes small-sized chip, it is effective for small size hole drilling

- How to use 4 cutting edges of NPD insert



NPMT293208-DM/DS/DR/DA



- At first, use No ①, ② edges at the outer position of insert pocket and then take the insert to the inner position of insert pocket of drill to use ③, ④
- Available NPD size : $\varnothing 23\text{mm} \sim \varnothing 60\text{mm}$
- Since NPD has strong cutting edge, it is suitable for big size hole drilling

BTA

- The BTA system is a high performance drilling process typically used for deep hole making.
- This product allows depth to diameter ratios in excess of 100*Dia.
- Tools are available with coated or uncoated carbide tip for drilling alloy steels, cast iron and stainless steels.



Laser Mill

- Indexable endmill for fine finishing of mould.
- Long tool life has been achieved due to the excellent cutting performance of the grade.
- Optimum machining of mould has been achieved due to the MQL available system.
- Easy clamping with simple screw on system.
- Variety of holder line up : **Steel shank, Carbide shank, Modular type**

- High tolerance insert
 - Run-out of cutting edge : under 0.02mm
 - Radius form accuracy : under 0.01mm
- Through coolant system



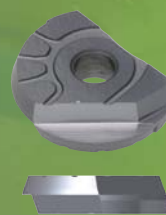
LASER MILL



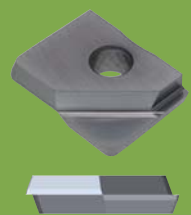
LBH



LBS



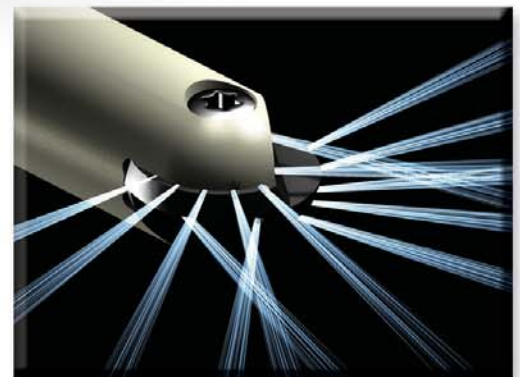
LR



LBE : 3 in 1 system

MQL (Minimum Quantity Lubricant)

- Environmental friendly system
- Decrease coolant cost
- Lubrication of cutting edge
- Improved chip control property
(Injection of coolant directly to the cutting edge)
- Increased tool life & improved surface quality





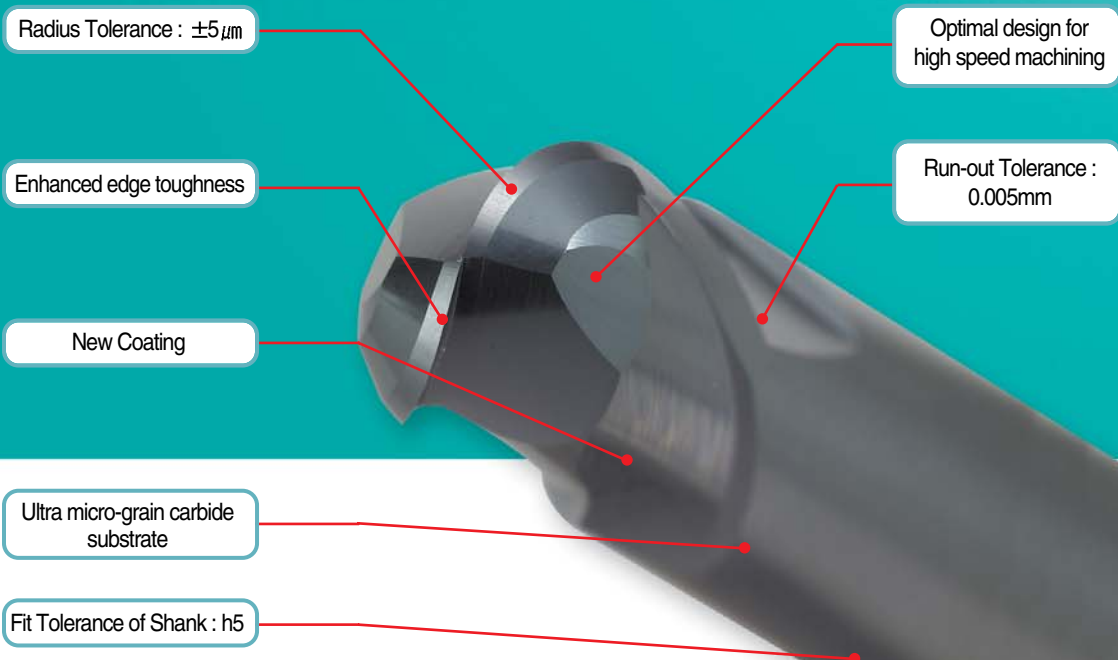
H-MAX ENDMILL

H - Max

- An optimal design of cutting edge guarantees good performance in high speed machining, especially, for high hardness workpiece.
- The micro-grain substrate with high rigidity is suitable for prehardened steel, heat resistant steel.

■ Features of H-Max

- HPBE2000, 4000
- HPRE2000, 4000



Threading Insert

- Fully un-ground insert with specially designed chip breaker for smooth chip control offers reasonable cost to satisfy customer's needs.
- Korloy un-ground threading insert secures to cutting quality as well as the performance of ground insert due to the precision cutting edges.
- ISO Metric, Partial profile 60°, Partial profile 55°



■ New Coated Threading Insert (Pitch : 0.5~3.0)



ERM / ELM

(External Threading)

- Chip breaker-on insert
- High accuracy and quality

**THREADING
INSERT**



IRM / ILM

(Internal Threading)

- Chip breaker-on insert
- Double dot for chip control (Infeed internal threading)
- High accuracy and quality



- **Conventional Holder Use**
 - ERH & ELH for external threading.
 - IRH & ILH for internal threading.





ISO TURNING INSERT

VISION Series

LASE
M



VM chip breaker

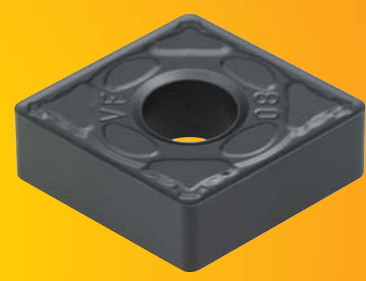
- Balanced multiway convex design, it can be applied wide application range from medium-finish to medium-roughing operations.

HRM &
FMR

RICH
M
SE

VF chip breaker

- Unique figure design in corner ensures improved chip control in extremely small depth-of-cut.



NC3120

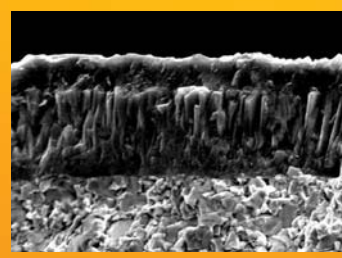
: New leader of **steel turning**



- Due to the combination of new coating layers & special treatment, excellent toughness & anti built-up edge property achieved.
- Consistence performance under variety of cutting conditions achieved.

NC6110

: New exclusive grade for high speed turning of **cast iron**



- Excellent hardness & toughness have been achieved due to the Al₂O₃ coating having excellent surface quality as well as hardness.
- Consistence tool life even under intermittent cutting conditions.



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