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KORLOY AMERICA PROMOTIONS

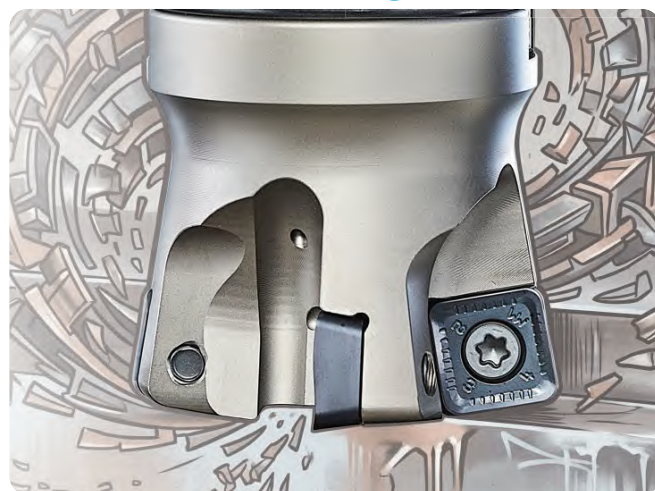
Valid Through September 30th, 2026

HQM

High rigidity you need for highfeed milling with 4 corner square inserts

Buy 10 Inserts per Pocket
GET 1 FREE CUTTER

Use Code [PRM26001]



HQMSA-SQ12

► 12 Type

: Ø1.25 - Ø1.50inch

Insert

[SQMT120516-MF/ML/MM](#)

[SQMW120516](#)



HQMCA-SQ12

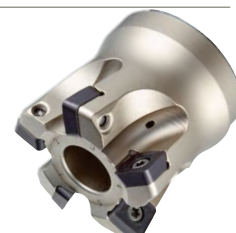
► 12 Type

: Ø2.00 - Ø4.00inch

Insert

[SQMT120516-MF/ML/MM](#)

[SQMW120516](#)



HQMCA-SQ14

► 14 Type

: Ø2.00 - Ø4.00inch

Insert

[SQMT140520-MF/ML/MM](#)

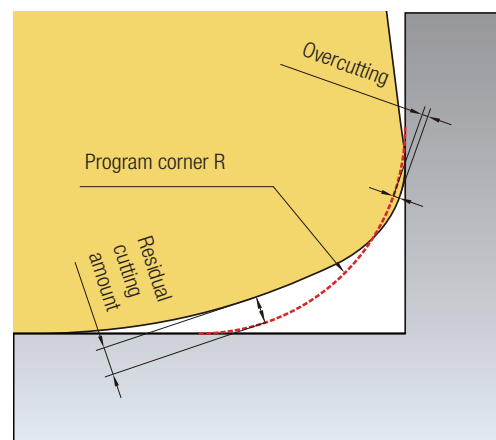
[SQMW140520](#)



► Precautions in corner R cutting

(inch)

Insert	Program corner R	Nose R RE	APMX	Over cut	Uncut
SQMT120516R-MM	0.059	0.063	0.059	0.000	0.059
	0.079			0.000	0.056
	0.118			0.000	0.050
	0.138			0.002	0.046
	0.157			0.007	0.043
	0.177			0.013	0.040
	0.197			0.020	0.037
SQMT140520R-MM	0.059	0.063	0.063	0.000	0.068
	0.118			0.000	0.057
	0.138			0.000	0.054
	0.157			0.001	0.051
	0.177			0.006	0.048
	0.197			0.011	0.044
	0.217			0.018	0.041
	0.236			0.025	0.037



----- Program corner R

- When writing CNC programs, entering the appropriate corner radius (R value) for each insert can lead to overcutting and residual cutting amounts in the corner machining areas, as described.
- To prevent overcutting, it is essential to create CNC programs that take the aforementioned overcutting amounts into account.

HFMD

High feed milling with fine pitch design,
double sided 4 corners insert for smaller diameter

Buy 10 Inserts per Pocket
GET 1 FREE CUTTER

Use Code [PRM26001]



HFMDSA-LN04

► 04 Type

: Ø0.375 - Ø0.75inch

Insert

[LNMX040205R-ML/MM](#)



HFMDSA-LN06

► 06 Type

: Ø0.625 - Ø1.50inch

Insert

[LNMX0603105R-MF/ML/MM](#)



HFMDCA-LN06

► 06 Type

: Ø1.25 - Ø2.50inch

Insert

[LNMX060310R-MF/ML/MM](#)



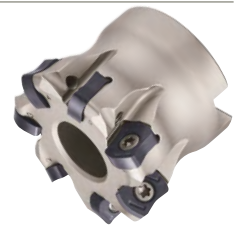
HFMDCA-LN10

► 10 Type

: Ø1.50 - Ø4.00inch

Insert

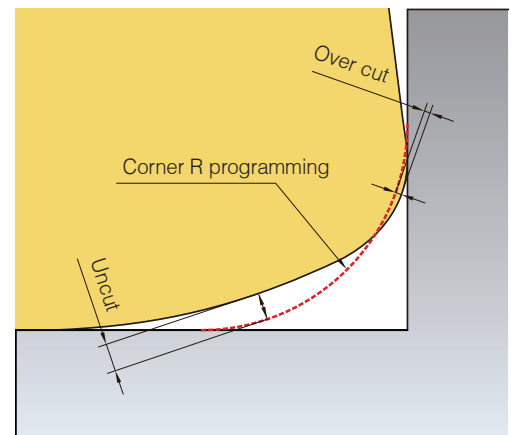
[LNMX100412R-MF/ML/MM](#)



► Corner R programming

Insert	Corner R programming	Cutting conditions		Over Cut	Uncut
		Nose R	Max. ap		
LNMX040205R-ML LNMX040205R-MM	R0.031	0.020	0.020	0.000	0.011
	R0.035 (Standard)			0.000	0.009
	R0.039			0.000	0.009
LNMX060310R-ML LNMX060310R-MF LNMX060310R-MM	R0.059	0.039	0.039	0.000	0.016
	R0.063 (Standard)			0.000	0.015
	R0.079			0.002	0.011
LNMX100412R-ML LNMX100412R-MF LNMX100412R-MM	R0.079	0.047	0.059	0.000	0.033
	R0.098 (Standard)			0.000	0.025
	R0.118			0.002	0.020

(inch)



----- Corner R programming

- During usage of CNC program, over cut & uncut would be occurred on the corner processing site if entering the correct program corner R value for each insert
- To prevent overcut, you will need to complete a CNC program considering the above overcut

HRMD

Want more corners?
Try 6 corners high feed milling

Buy 10 Inserts per Pocket
GET 1 FREE CUTTER

Use Code [PRM26001]



HRMDSA06

► 06 Type

: Ø0.75 - Ø1.25inch

Insert

[WNNMX060312ZNN-MF/ML/MM](#)



HRMDSA09

► 09 Type

: Ø1.00 - Ø1.50inch

Insert

[WNNMX09T316ZNN-MF/ML/MM](#)



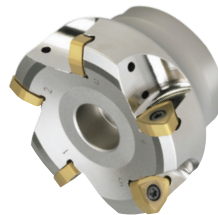
HRMDSA09

► 09 Type

: Ø2.00 - Ø4.00inch

Insert

[WNNMX09T316ZNN-MF/ML/MM](#)



HRMDSA13

► 13 Type

: Ø1.25 - Ø1.50inch

Insert

[WNNMX130520ZNN-MF/ML/MM](#)



HRMDSA13

► 13 Type

: Ø2.00 - Ø4.00inch

Insert

[WNNMX130520ZNN-MF/ML/MM](#)



HRMDSA16

► 16 Type

: Ø3.00 - Ø6.00inch

Insert

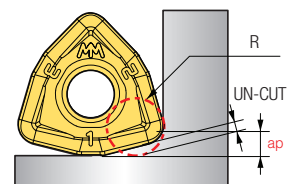
[WNNMX160312ZNN-MF/ML/MM](#)



► Features of insert

Designation	Cutting conditions		Approx. R (inch)	
	Max.ap(inch)	Max.fz(ipt)	Input. R	Uncut
WNNMX060312ZNN-□□	0.04	0.05	0.07	0.015
WNNMX09T316ZNN-□□	0.06	0.08	0.10	0.024
WNNMX130520ZNN-□□	0.08	0.12	0.12	0.032
WNNMX160720ZNN-□□	0.10	0.14	0.14	0.047

*Information for uncut part by using "Input.R" for CAM program



* Uncut part can be changed by poor machine conditions or weak clamp of workpiece, etc.

HFM

Great alternative to solid endmills for small diameter roughing

Buy 10 Inserts per Pocket
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Use Code [PRM26001]



HFMSA1000

► 1000 Type

: Ø0.3125 - Ø0.8125 inch

Insert

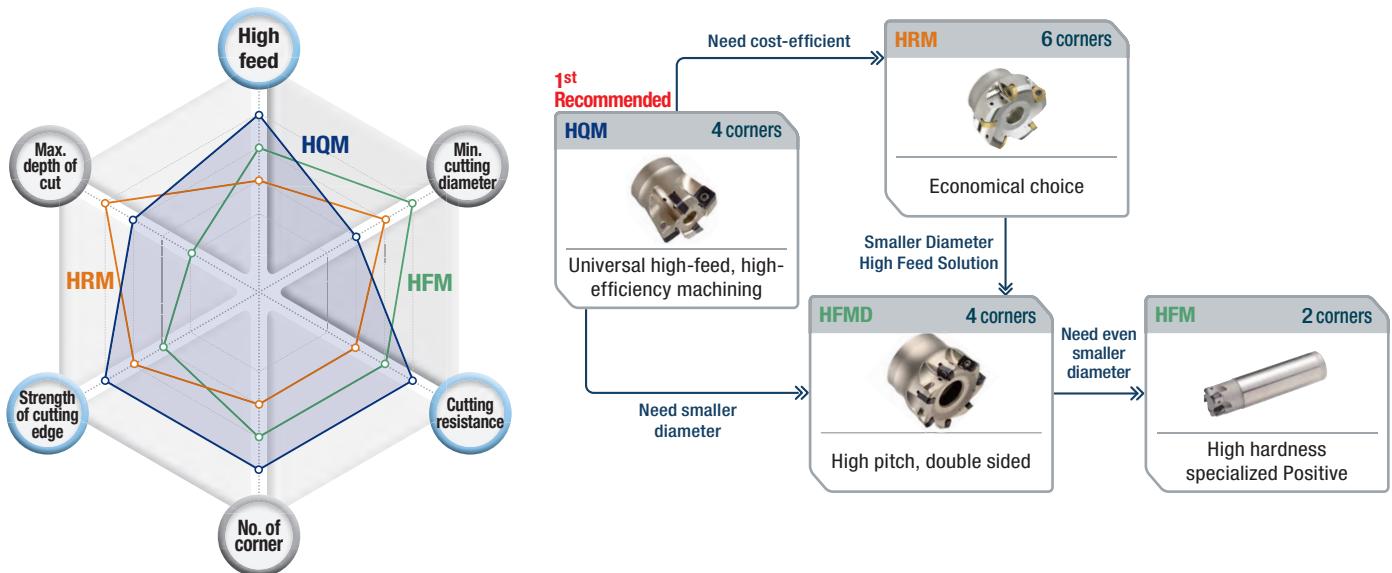
LPMT0402□OR-MF

LPMW0402□OR

LPEW0402□OR



※High feed milling selection guide



Item	Cost-effectiveness	Cutting resistance	Max. Depth of cut	No. of corners	Min. Cutting dia
HQM	★★★★	★★★★★	★★★★	★★★★	★★
HFMD	★★★	★★★★	★★★	★★★★	★★★★★
HFM	★	★★	★★	★★	★★★★★
HRMD	★★★★★	★★★★	★★★★★	★★★★★	★★★★

Alpha Mill-X

High helix design for high speed,
high feed shoulder milling

Buy 10 Inserts per Pocket
GET 1 FREE CUTTER

Use Code [PRM26001]



AMXSA-AD10

► AD10 Type

: Ø0.625 - Ø1.50inch

Insert

ADHT10T304PEFR-MA

ADKT10T304PEER-ML

ADKT10T3□□PESR-MM



AMXCA-AD10

► AD10 Type

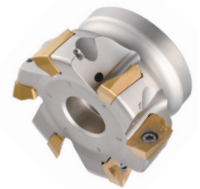
: Ø1.50 - Ø3.00inch

Insert

ADHT10T304PEFR-MA

ADKT10T304PEER-ML

ADKT10T3□□PESR-MM



AMXSA-AD12

► AD12 Type

: Ø0.75 - Ø1.50inch

Insert

ADHT12408PEFR-MA

ADKT12408PEER-ML

ADKT124□□PESR-MM



AMXCA-AD12

► AD12 Type

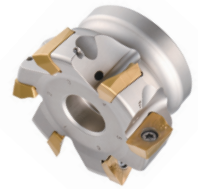
: Ø1.50 - Ø3.00inch

Insert

ADHT12408PEFR-MA

ADKT12408PEER-ML

ADKT124□□PESR-MM



AMXSA-AD17

► AD17 Type

: Ø1.00 - Ø1.50inch

Insert

ADHT170608PEFR-MA

ADKT170608PESR-ML

ADKT1706□□PESR-MM



AMXCA-AD17

► AD17 Type

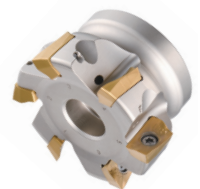
: Ø1.50 - Ø5.00inch

Insert

ADHT170608PEFR-MA

ADKT170608PESR-ML

ADKT1706□□PESR-MM



► Features of cutter



High rake angle cutting edge

- Improved surface finish
- Decreased cutting load



Perfect perpendicularity



Wider chip pocket

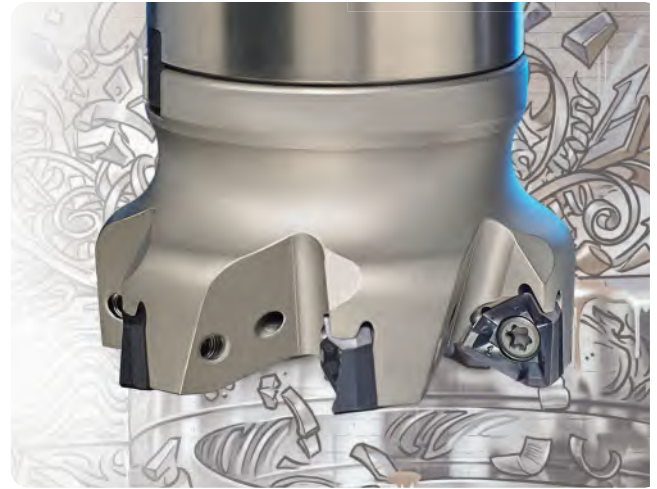
- Maximized chip control
- Outstanding chip control in high speed and high feed machining

RM3

Cost effective, high efficiency 3 corner shoulder milling

Buy 10 Inserts per Pocket
GET 1 FREE CUTTER

Use Code [PRM26001]



RM3PSA3000

- ▶ 3000 Type
- : Ø0.75 - Ø1.50inch

Insert

XNKT06040 ☐ PNER-ML
XNKT06040 ☐ PNSR-MM



RM3PCA3000

- ▶ 3000 Type
- : Ø1.50 - Ø3.00inch

Insert

XNKT06040 ☐ PNER-ML
XNKT06040 ☐ PNSR-MM



RM3PSA4000

- ▶ 4000 Type
- : Ø2.00 - Ø1.00inch

Insert

XNCT0805 ☐ ☐ PNFR-MA
XNKT0805 ☐ ☐ PNER-ML
XNKT0805 ☐ ☐ PNSR-MM



RM3PCA4000

- ▶ 4000 Type
- : Ø1.50 - Ø5.00inch

Insert

XNCT0805 ☐ ☐ PNFR-MA
XNKT0805 ☐ ☐ PNER-ML
XNKT0805 ☐ ☐ PNSR-MM



RM3PCA5000

- ▶ 5000 Type
- : Ø3.00 - Ø5.00inch

Insert

XNCT120608PNFR-MA
XNKT1206 ☐ ☐ PNER-ML
XNKT1206 ☐ ☐ PNSR-MM



Features of insert

Chip breaker

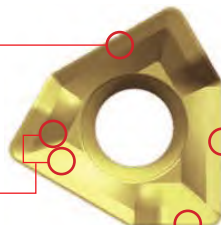
- High rake angle
- Smooth chip flow

Step design

- Good chip evacuation
- Low cutting force

Minor cutting-edge

- Wiper action for better surface finish



Major cutting-edge

- High rake
- Sharpened edge

APMX

XNKT12: 0.472 inch
XNKT08: 0.315 inch
XNKT06: 0.217 inch



2-step clearance

- Strong clamping
- Rigidity improvement

Pro-X Mill

Optimized aluminum milling with a mirrored finish

Buy 10 Inserts per Pocket
GET 1 FREE CUTTER

Use Code [PRM26001]



PAXSA5000-A,B

► 5000 Type

: Ø0.75 - Ø1.50inch

Insert

XEKT19M5 ☐ ☐ FR-MA

XEKT19M5 ☐ ☐ ER-ML



PAXCA5000-A,B

► 5000 Type

: Ø1.50 - Ø5.00inch

Insert

XEKT19M5 ☐ ☐ FR-MA

XEKT19M5 ☐ ☐ ER-ML



PAXSA6000-A,B

► 6000 Type

: Ø1.00 - Ø1.50inch

Insert

XEKT2506 ☐ ☐ FR-MA

XEKT2506 ☐ ☐ ER-ML



PAXCA6000-A,B

► 6000 Type

: Ø2.00 - Ø5.00inch

Insert

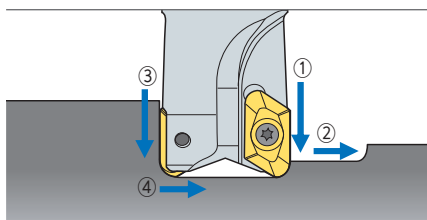
XEKT2506 ☐ ☐ FR-MA

XEKT2506 ☐ ☐ ER-ML



- A type: Insert NoseR 0.016 - 0.126 (XEKT ☐ 04FR-MA - XEKT ☐ 32FR-MA)
- B type: Insert NoseR 0.157 - 0.197 (XEKT ☐ 40FR-MA & XEKT ☐ 50FR-MA)

► Plunging, slotting, drilling technical data



1. When drilling, grooving machining sequence is ① → ② → ③ → ④
2. When drilling, grooving, decrease the feed and cutting speed 30% - 50% from the recommended data

• Cutting conditions for drilling

Holder	ap (inch)	
	5000 type	6000 type
Ø0.75	0.315	-
Ø1.00	0.157	0.433
Ø1.25	0.157	0.236
Ø1.50 - 5.00	0.157	0.236
Insert	ap (inch)	
XEKT19	0.157	
XEKT25	0.236	

► Use



Copying



Helical cutting



Slotting & Shouldering



Ramping

TPDB Plus

Highly precise, efficient top solid indexable drill

Buy 6 Inserts per Pocket

GET 50% OFF DRILL BODY

Use Code [PRM26002]



TPDB Plus Drill (3D/5D/8D)

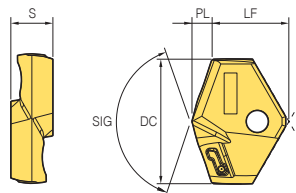
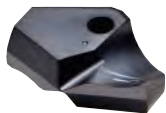
TPDBA - - - **P**

Drill Diameter Shank Diameter Aspect Ratio

► Ø0.394 inch - Ø1.298 inch

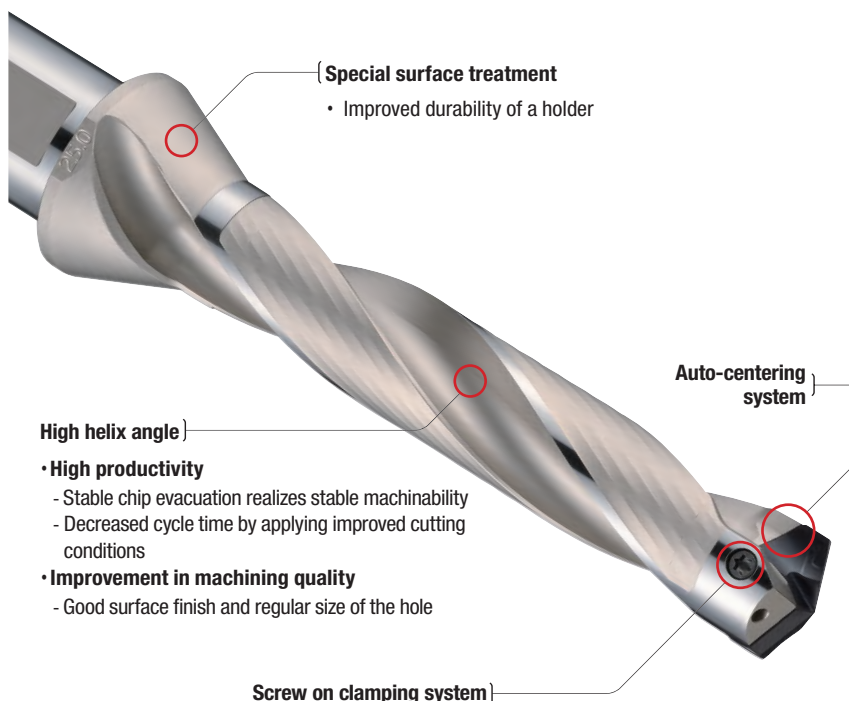


TPDB Plus Insert



► DC : Ø0.394 inch - Ø1.298 inch

Features



Advanced chip control due to a chip breaker



Cutting edge with low cutting resistance

- Low cutting load and excellent chip control

KING Drill

Superior chip control and stable tool life for efficient drilling

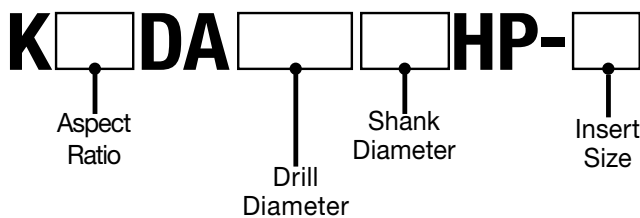
Buy 20 Inserts per Pocket

GET 50% OFF DRILL BODY

Use Code [PRM26003]



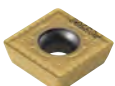
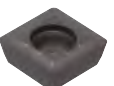
KING Drill (2D/3D/4D/5D)



► Ø31/64 inch - Ø2 3/8 inch

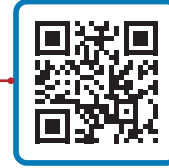


Features of insert

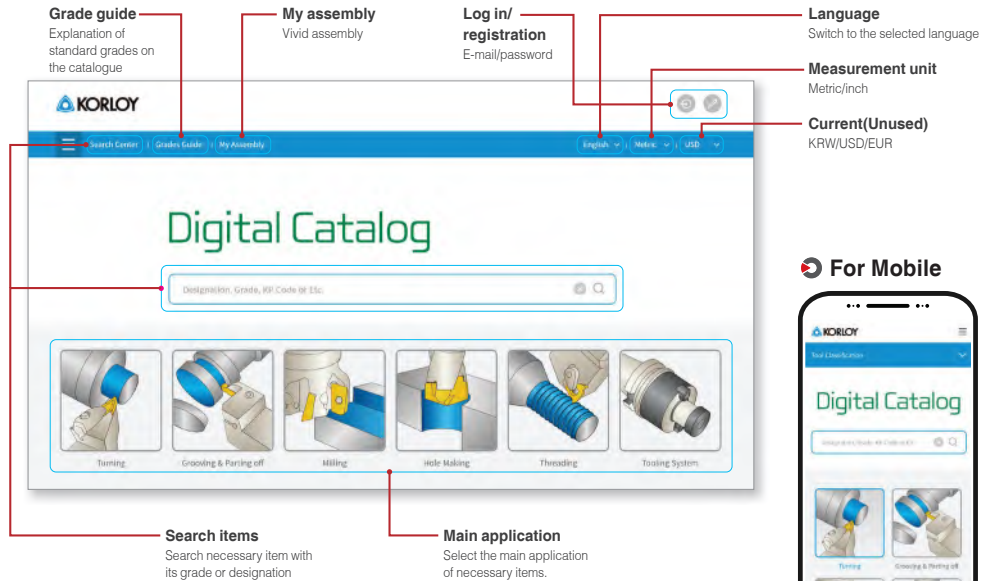
Chip breaker	PD		LD		ND		RD
Features	- Universal - At medium speed and medium feed		- Superior chip control for machining mild steel and stainless steel - Light cutting (at low - medium speed and low feed)		- Sharp cutting edge for aluminum machining - Insert surface buffed for high quality result - E Class tolerance		- Improved chipping resistance - Excellent performance in case of frequent fracture and chipping on the cutting edge
Insert	Peripheral insert SPMT-PD	Central insert XOMT-PD	Peripheral insert SPMT-LD	Central insert XOMT-LD	Peripheral insert SPET-ND	Central insert XOET-ND	Central insert XOMT-RD
Shape							
Applicable Insert	SPMT04-PD SPMT15-PD SPMT05-PD SPMT18-PD SPMT06-PD SPMT07-PD SPMT09-PD SPMT11-PD SPMT13-PD	XOMT04-PD XOMT15-PD XOMT05-PD XOMT18-PD XOMT06-PD XOMT07-PD XOMT09-PD XOMT11-PD XOMT13-PD	SPMT06-LD SPMT07-LD SPMT09-LD SPMT11-LD SPMT13-LD SPMT15-LD SPMT18-LD	XOMT06-LD XOMT07-LD XOMT09-LD XOMT11-LD XOMT13-LD XOMT15-LD XOMT18-LD	SPET04-ND SPET15-ND SPET05-ND SPET18-ND SPET06-ND SPET07-ND SPET09-ND SPET11-ND SPET13-ND	XOET04-ND XOET15-ND XOET05-ND XOET18-ND XOET06-ND XOET07-ND XOET09-ND XOET11-ND XOET13-ND	XOMT07-RD XOMT09-RD XOMT11-RD XOMT13-RD XOMT15-RD XOMT18-RD
Grades for workpiece	NC5330 : P, M, K PC3700 : P PC5300 : P, M, K, S PC6100 : K PC9540 : P, M, S		PC5335 : P, M		H01 : N		PC5300 : P, M, K, S

INTRODUCTION OF DIGITAL CATALOG

- 1) Connect to the digital catalogue on PC or mobile
» <https://catalog.korloy.com>
- 2) Guideline for main screen



For PC

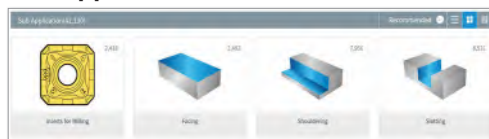


For Mobile



Details

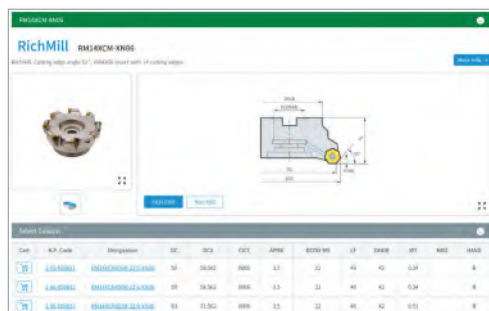
» Sub application



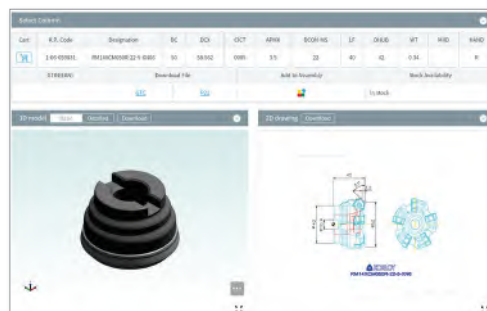
» Item group



» Item



» Item data, 2/3D modeling and details



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- Please use promo code [PRM2600□□]
- Valid only for US & Korea stock items.
- Promotion valid through September 30th, 2026.
- Enduser drop-shipment required.
- Cannot be combined with any other offers. No blanket order accepted.
- Promotion may end without prior notice.



60th Anniversary of KORLOY

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