

RICH MILL

SERIES

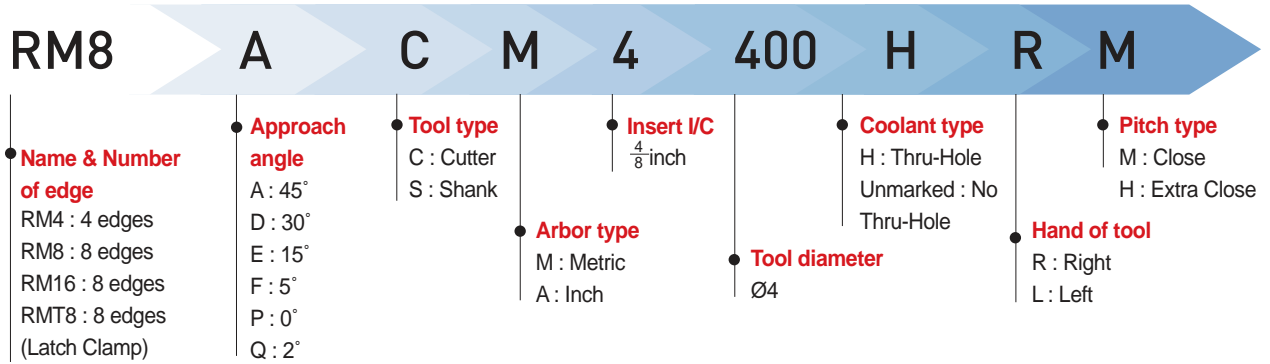
RM8 / RMH8 / RM4 / RM4Z / RM16 / RMT8

- Rich mil series innovative double sided insert design provides more cutting edges and longer tool life.
- Rich mil has unique geometry and a special cutting edge to provide lower cutting loads and longer tool life.



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Code system



Rich Mill RM8

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- Double sided insert to use 8 cutting edges**

- Innovative double sided insert makes it possible to use 8 cutting edges.

It is more economical than conventional single sided insert

- The unique geometry and high rake angle of cutting edge guarantees excellent surface finish. Applicable for various workpieces like steel, stainless steel, cast iron, aluminum

- Combined with the innovative geometry and various grades provided the tool offers durability and excellent tool life

- Various pitches and chip breakers can be applicable for diverse machining.

- Light Rich mill cutter can be useful for high speed machining and low power machine



▶ Through coolant system

- Exclusive coolant bolt is adapted to get better chip evacuation and more powerful cooling. To get optimal chip evacuation, the direction of coolant injection has been designed to reach to each cutting edge directly. Through coolant arbor is required.



Through coolant system for decreasing cutting heat and good chip evacuation

▶ Chip breaker

Insert	Cutter edge	Features
For aluminum MA		Due to sharp cutting edge and buffed surface, it has good chip flow and welding resistance.
Light cutting MF		Due to low cutting load, it is good for light cutting and difficult-to-cut material.
General cutting MM		It is suitable design for general milling.
Wiper W		Specialized edge design can be suitable for excellent surface roughness operation.

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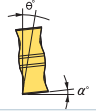
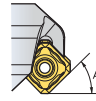
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▶ Features of insert

Insert	Cutter edge	Features
	View-A 	High rake chip breaker & positive setting angle for low cutting load
	View-B 	Designed wiper technology in minor cutting edge for improved surface roughness
	Chip breaker 	Low cutting load due to the positive setting and high rake angle chip breaker

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Features of cutter

Shape	Cutting edge	Features
		High rake angle makes positive setting angle for low cutting load
		Suitable for facing and chamfering • RM8A : A=45° • RM8E : A=75° • RM8Q : A=88°

Recommended Cutting Condition

ISO	Grade	SNM(E)X1206A(E)NN-MF		SNM(E)X1206A(E)NN-MM		SNEX1206A(E)NN-MA		Max-ap	SNM(E)X1507A(E)NN-MF		SNM(E)X1507A(E)NN-MM		Max-ap
		vc(m/min)	fz(mm/t)	vc(m/min)	fz(mm/t)	vc(m/min)	fz(mm/t)		vc(m/min)	fz(mm/t)	vc(m/min)	fz(mm/t)	
P	NC5330	-	-	150~300	0.10~0.35	-	-	RM8A	-	-	150~300	0.10~0.35	RM8A 7.5mm
	NCM325	200~300	0.05~0.30	150~300	0.10~0.35	200~350	0.03~0.25	6.0mm	200~300	0.05~0.30	150~300	0.10~0.35	
	PC3500	200~300	0.05~0.30	150~300	0.10~0.35	200~350	0.03~0.25		200~300	0.05~0.30	150~300	0.10~0.35	
K	PC6510	150~300	0.08~0.35	150~300	0.10~0.40	-	-	RM8E 9.0mm	150~300	0.08~0.35	150~300	0.10~0.40	RM8E 11mm
	PC5300	150~300	0.08~0.35	150~300	0.10~0.40	-	-		150~300	0.08~0.35	150~300	0.10~0.40	
M	PC9530	100~180	0.05~0.30	120~180	0.10~0.35	120~200	0.03~0.2	RM8Q 11.5mm	-	-	-	-	RM8Q 11mm
	PC5300	-	-	-	-	-	-		100~180	0.05~0.30	120~180	0.10~0.35	

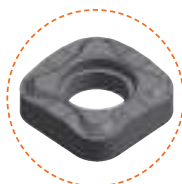
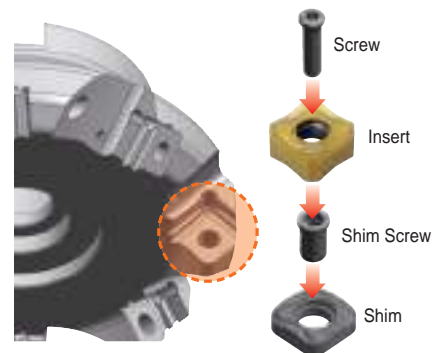
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Rich Mill RMH8

- **Screw on clamping system**
 - Adopt and stable clamping system
- **Reinforced rigidity and enhanced clamping power**
 - Applying shim system, prevent cutter damage when insert breaks
- **Adopting exchangeable shim**
 - Using various kinds of cutter (Approach angle 45, 75, 80)
 - Stable clamping power with insert



RMH8A
(AA 45°)



RMH8E
(AA 75°)



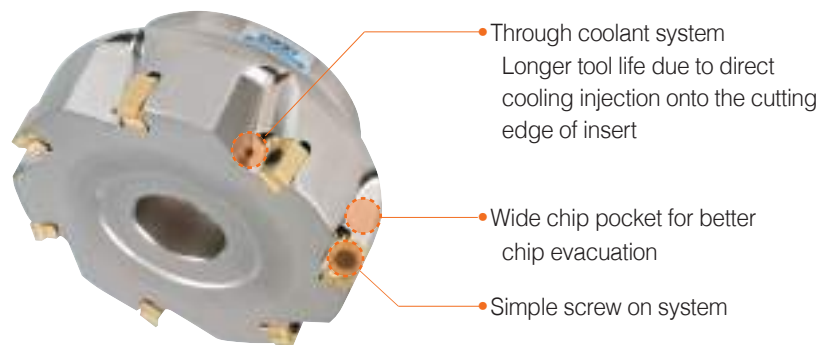
RMH8Q
(AA 88°)

Rich Mill RM4

- RM4, as a multi functional milling tool, offers economical 4 cutting edges by using an innovative double-sided insert
- Special designed chip breaker consists of high rake angle and strong cutting edge to decrease the cutting load
- RM4 is multi functional tool that can cover facing, side cutting, shouldering, slotting, ramping & helical cutting
- Optimal matching of the special cutting edge geometry with variety of new grades provides consistence & long tool life of insert

Features

- 4 cutting edges can be used by using double-sided insert
- High rake angle chip breaker and cutting edge can make smooth cutting with low cutting load
- Strong negative insert
- High efficiency, high economy, multi functional tool



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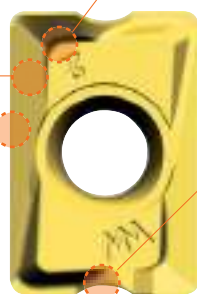
Insert features

- Double-sided insert using 4 cutting edges
- High rake angle chip breaker, cutting edge
- Flexibility of product
- High efficiency, economical, multi functional tool
- Negative insert has strong cutting edge



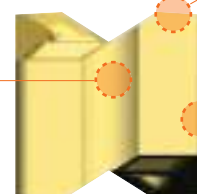
Chip breaker
High rake angle chip breaker/Improving chip control

Major cutting edge
High rake angle chip breaker/Better surface roughness



Step design
Improving chip control/Reducing cutting load

Concave design
4 cutting edges/Minimize interference






Minor cutting edge
Special design of cutting edge to improve surface roughness


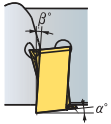
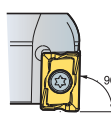
Clearance face
Strong negative face.
Strong cutting edge

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▶ Chip breaker

Insert	Cutter edge	Features
Aluminum, Light cutting MA		With sharp edge application, the better productivity has been accomplished ,especially for Aluminum or low force cut.
Light cutting MF		Due to low cutting load, it is good for light cutting and difficult-to-cut material.
General cutting MM		It is suitable design for general milling.

▶ Setting configuration

Shape	Cutting edge	Features
		High rake chip breaker & positive setting angle for low cutting load → Improving machinability
		Multi applications for facing, shouldering, slotting, ramping, helical cutting, etc

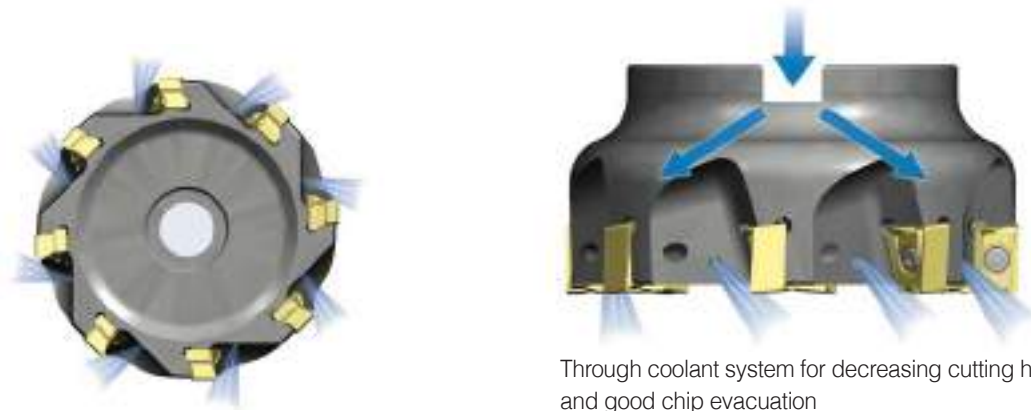
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▶ Through coolant system

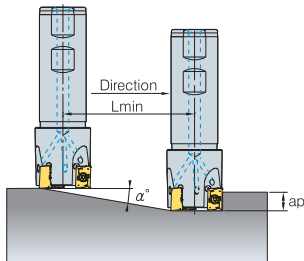
- By using on exclusive coolant bolt(hexagonal socket bolt) powerful cooling & better chip evacuation can be acquired. To get optimal chip control, the direction of coolant injection has been designed to reach to each cutting edge directly. (through coolant arbor is required.)



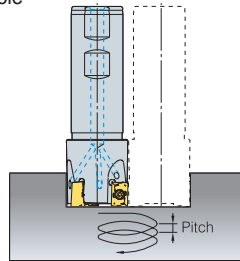
Through coolant system for decreasing cutting heat and good chip evacuation

▶ Ramping and Helical cutting

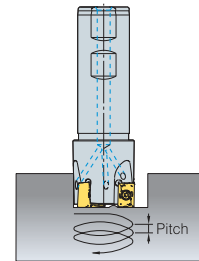
1. Ramping



2. Helical cutting for blind hole



3. Helical cutting for through hole



Designation	Ramping			Helical cutting for blind hole				Helical cutting for through hole		
	D	α°	Lmin	Maximum Hole Diameter	Maximum Pitch	Maximum Hole Diameter	Maximum Pitch	Maximum Hole Diameter	Maximum Pitch	
RM4PS	RM4PS3014HR	14	5	114	27	3	25	2.5	19	1.0
	RM4PS3016HR	16	4	143	31	3	29	2.0	23	1.0
	RM4PS3018HR	18	4	143	35	3	33	3.0	27	2.0
	RM4PS3020HR	20	4	143	39	4	37	3.0	31	2.0
	RM4PS3025HR	25	3.5	163	49	4	47	4.0	41	3.0
	RM4PS3032HR	32	3	191	63	4.5	61	4.0	55	3.5
	RM4PS3040HR	40	2	286	79	4	77	3.5	71	3.0
	RM4PS3050HR	50	1.5	382	99	3.5	97	3.5	91	3.0
RM4PC	RM4PC(M)3040HR	40	2	286	79	4	77	4.0	71	3.0
	RM4PC(M)3050HR	50	1.5	382	99	3.5	97	3.5	91	3.0
	RM4PC(M)3063HR	63	1	573	125	3	123	3.0	117	2.5
	RM4PC(M)3080HR	80	1	573	159	4	157	4.0	151	3.5
	RM4PCM3100HR	100	0.5	1146	199	2	197	2.0	191	2.0
RM4PS	RM4PS4032HR	32	2.5	229	62	4	59.5	3.0	49	2.0
	RM4PS4040HR	40	2.0	286	78	4	75.5	3.0	65	2.0
	RM4PS4050HR	50	2.0	286	98	5	95.5	4.0	85	3.5
	RM4PS4063HR	63	2.0	286	124	5	121.5	5.0	111	5.0
RM4PC	RM4PC(M)4050HR	50	2.0	286	98	5	95.5	4.0	85	3.5
	RM4PC(M)4063HR	63	2.0	286	124	5	121.5	5.0	111	5.0
	RM4PC(M)4080HR	80	1.5	382	158	5	155.5	5.0	145	5.0
	RM4PCM4100HR	100	1.0	573	198	5	195.5	4.5	185	4.0
	RM4PC(M)4125HR	125	1.0	573	248	5	245.5	5.0	235	5.0
	RM4PC(M)4160R	160	0.5	1146	318	4	315.5	3.5	305	3.5

The Lmin is when depth of cut is 10.0mm ($Lmin = 10/\tan \alpha$)

▶ Recommended Cutting Condition

ISO	Grade	LNM(E)X100605PNR-MF		LNM(E)X100605PNR-MM		LNEX100605PNR-MA		Max-ap	LNM(E)X151008PNR-MF		LNM(E)X151008PNR-MM		LNEX151008PNR-MA		Max-ap
		vc(m/min)	fz(mm/t)	vc(m/min)	fz(mm/t)	vc(m/min)	fz(mm/t)		vc(m/min)	fz(mm/t)	vc(m/min)	fz(mm/t)	vc(m/min)	fz(mm/t)	
P	NCM325	-	-	-	-	-	-	9.0mm	150~300	0.05~0.30	120~300	0.05~0.35	150~300	0.03~0.20	14.0mm
	PC3500	150~300	0.05~0.25	120~300	0.05~0.30	150~300	0.03~0.20		150~300	0.05~0.30	120~300	0.05~0.35	150~300	0.03~0.20	
K	PC6510	150~300	0.08~0.30	120~300	0.08~0.35	-	-	150~300	0.08~0.35	120~300	0.08~0.35	-	-		
M	PC5300	120~180	0.05~0.25	100~180	0.05~0.30	120~200	0.03~0.20	120~180	0.05~0.30	100~180	0.05~0.3	120~200	0.03~0.20		

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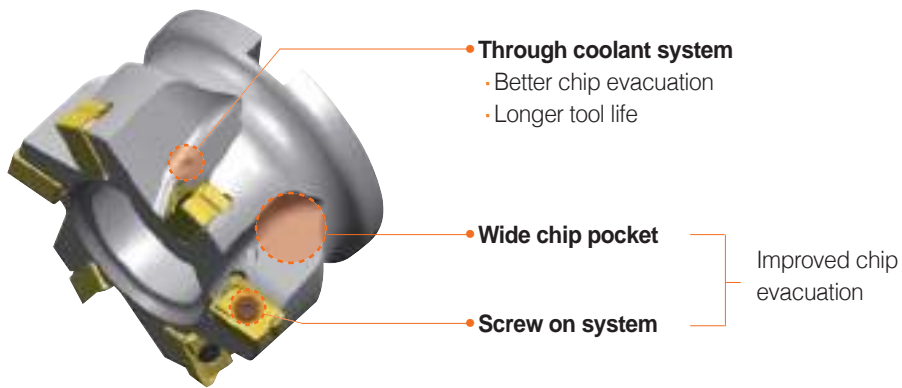
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Rich Mill RM4Z

- Rich mill series RM4Z is a plunge mill for high efficiency vertical machining such as slotting and pocketing in roughing applications.
- Rich mill series RM4Z is a highly efficient milling tool for plunging, shouldering and facing. It makes operations more economical with the use of its double-sided 4-corner insert
- Plunge machining reduces lead time for high productivity and precision machining.
- In plunging The max depth of RM4Z 3000 type is 9.0mm and that of RM4Z 4000 type is 14.0mm

Features



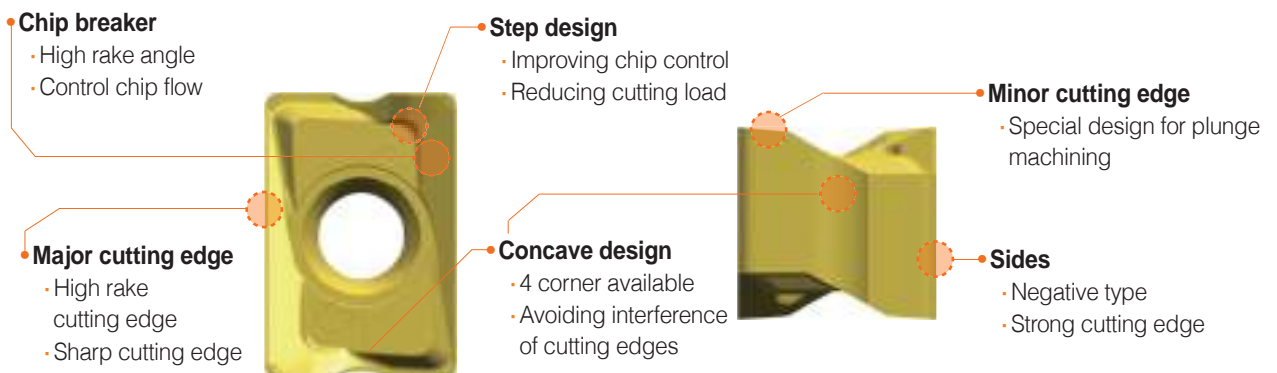
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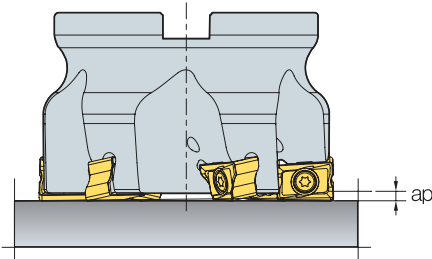
Insert features

- Double sided insert → 4 corner available
- High rake angle chip breaker and cutting edge
- Various available machining types
- High efficiency and economical insert
- Negative type insert - Strong cutting edge



▶ The depth of cut by machining type

- In horizontal machining, Depth of cut = a_p (mm)

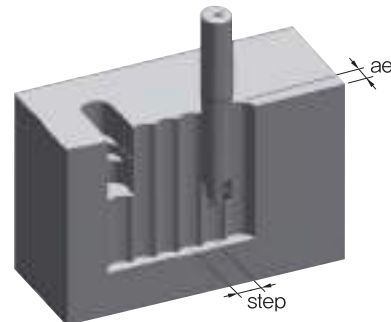


- In plunging, Depth of cut = a_e (mm)



Types	Horizontality	Verticality	
	max a_p (mm)	max a_e (mm)	step
RM4Z 3000	1.5	9	< 0.7D
RM4Z 4000	2.5	14	< 0.7D

▶ Max Step in plunging



ae	Cutter diameter (mm)								
	25	32	40	50	52	63	66	80	100
	max step (mm)								
1	9.7	11.1	12.4	14	14.2	15.7	16.1	17.7	19.9
2	13.5	15.4	17.4	19.5	20	22	22.6	24.9	28
3	16.2	18.6	21	23.7	24.2	26.8	27.4	30.3	34.1
4	18.3	21.1	24	27.1	27.7	30.7	31.4	34.8	39.1
5	20	23.2	26.4	30	30.6	34	34.9	38.7	43.5
6	21.3	24.9	28.5	32.4	33.2	36.9	37.9	42.1	47.4
7	22.4	26.4	30.3	34.6	35.4	39.5	40.6	45.2	51
8	23.3	27.7	32	36.6	37.5	41.9	43	48	54.2
9	24	28.7	33.4	38.4	39.3	44	45.2	50.5	57.2
10	-	-	-	-	-	46	47.3	52.9	60
11	-	-	-	-	-	47.8	49.1	55.1	62.5
12	-	-	-	-	-	49.4	50.9	57.1	64.9
13	-	-	-	-	-	50.9	52.4	59	67.2
14	-	-	-	-	-	52.3	53.9	60.7	69.3



▶ Through coolant system

- By using an exclusive coolant bolt (hexagonal socket bolt), more powerful cooling & better chip evacuation are realized.
- To get optimal chip control, the design of the coolant injection directs coolant directly to each cutting edge (through coolant arbor is necessary).

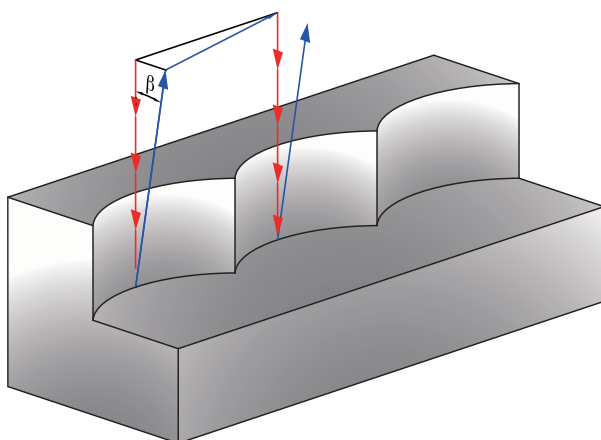


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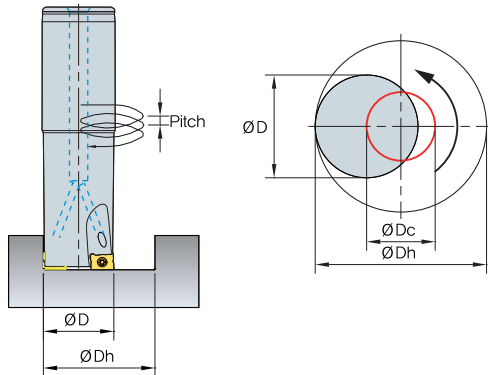
▶ Programming tip



- Plunging feed direction
- Tool escape
- β Escape angle ($\beta \geq 1^\circ$)

- When your tool steps back after plunging, please get over 1° more escape angle

▶ Helical Machining



$$\text{ØDc} = \text{ØDh} - \text{ØD}$$

ØDc = Tool center path

ØDh = Desired hole diameter

ØD = Tool Dia.

Designation	ØD(mm)	Helical Machining				
		max. diameter ØDh max(mm)	max. pitch (mm)	min. diameter ØDh min(mm)	max. pitch (mm)	
RM4ZS	3025HR-L25	25	48	1	30	0.4
	3032HR-L32	32	62	0	43	0.3
	3040HR-L32	40	78	0	59	0.3
RM4ZC	M3040HR	40	78	0	59	0.3
	M3050HR	50	98	0	79	0.3
	M3052HR	52	102	0	83	0.3
RM4ZM	3025HR-M12	25	48	1	30	0.4
	3032HR-M16	32	62	0	43	0.3
	3040HR-M16	40	78	0	59	0.3
RM4ZC	M4063HR	63	124	1	95	0.5
	M4066HR	66	130	1	101	0.5
	M4080HR	80	158	0	129	0.5
	M4100HR	100	198	0	169	0.3

▶ Cutting conditions

ISO	Grade	LNM(E)X100605PNL-MM				LNM(E)X151008PNL-MM			
		vc(m/min)	fz(mm/t)	* max ae(mm)	** max ap(mm/t)	vc(m/min)	fz(mm/t)	* max ae(mm)	** max ap(mm)
P	PC3500	100~250	0.05~0.25	9	1.5	120~250	0.05~0.25	14	2.5
K	PC6510	80~180	0.05~0.20			100~180	0.05~0.20		
M	PC5300	100~250	0.08~0.30			120~250	0.08~0.30		

* max ae(mm) : (Plunging) max. radial depth of cut

** max ap(mm) : (Shouldering / Facing) max depth of cut

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





Rich Mill RM16

- Economical 16 cutting edges
- Reduces cost in medium cutting
- Wiper insert can be used for good surface roughness
- Optimal matching of the special cutting edge geometry with variety of new grades provides consistence & long tool
- When it is used 16 corners, maximum cutting depth is 5.5mm, but it is used 8 corners, maximum cutting depth is 13mm
- Wiper insert is placed 0.05mm lower than facing insert in cutter
- When feed is bigger than wiper cutting edge length(7mm), 2 wiper inserts are placed in symmetrical position



Chip breaker

Insert	Cutter edge	Features
Aluminum Light cutting MA		With sharp edge application, the better productivity has been accomplished, especially for Aluminum cutting.
Light cutting MF		Due to low cutting load, it is good for light cutting and difficult-to-cut material.
General cutting MM		It is suitable design for general milling.
Wiper W		It has good surface roughness than MM and MF chip breakers

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Through coolant system



- Well designed chip pocket for better chip flow
- Through coolant system reduces cutting heat and improves chip evacuation.

▶ Instructions for wiper insert

Hand of tool	Correct setting	Incorrect setting			
Right hand					
	○	X	X	X	X
Left hand					
	○	X	X	X	X

▶ Recommended Cutting Condition

ISO	Grade	ONM(H)X060608-MM		ONM(H)X060608-MF		ONHX060608-W		ONM(H)X080608-MM		ONM(H)X080608-MF		ONHX080608-W	
		vc(m/min)	fz(mm/t)	vc(m/min)	fz(mm/t)	vc(m/min)	fz(mm/t)	vc(m/min)	fz(mm/t)	vc(m/min)	fz(mm/t)	vc(m/min)	fz(mm/t)
P	NCM325	150~300	0.10~0.35	200~300	0.05~0.30	200~300	0.05~0.20	150~300	0.10~0.40	200~300	0.05~0.35	200~300	0.05~0.25
	PC3500	150~300	0.10~0.35	200~300	0.05~0.30	200~300	0.05~0.20	150~300	0.10~0.40	200~300	0.05~0.35	200~300	0.05~0.25
M	PC9530	120~180	0.10~0.35	100~180	0.05~0.30	100~180	0.05~0.20	120~180	0.10~0.40	100~180	0.05~0.35	100~180	0.05~0.25
K	PC6510	150~300	0.10~0.40	150~300	0.08~0.35	150~300	0.05~0.25	150~300	0.10~0.45	150~300	0.08~0.40	150~300	0.05~0.30

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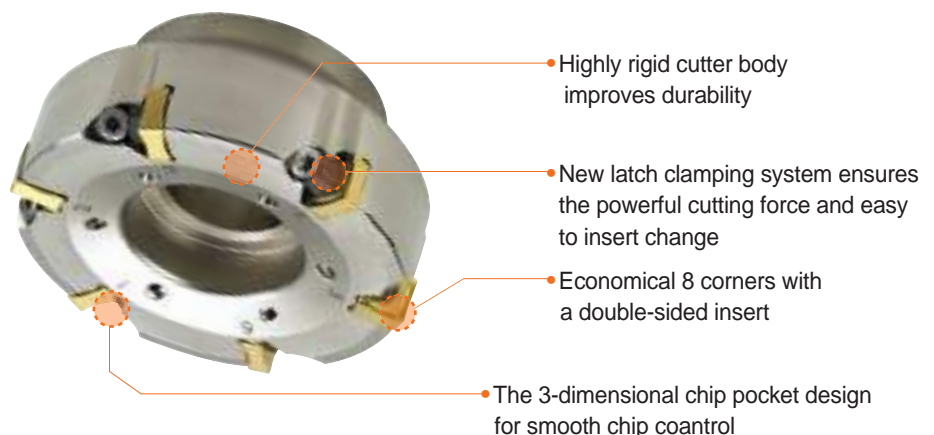
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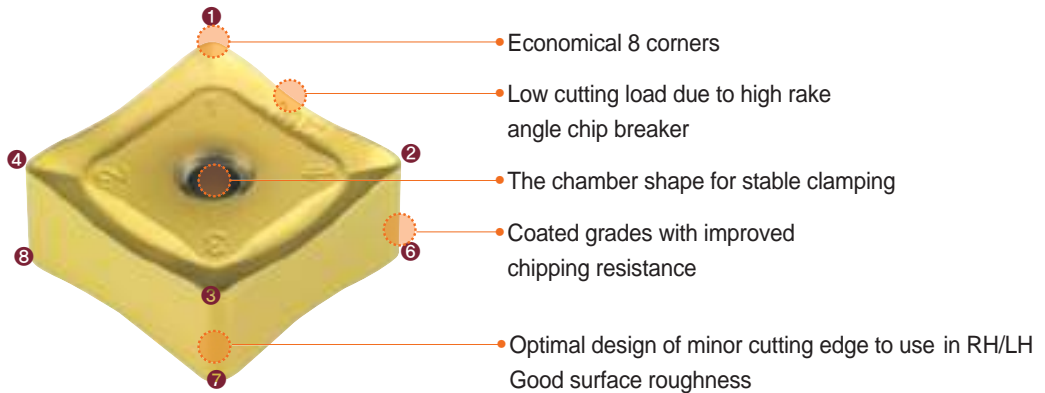
Rich Mill RMT8

- New latch clamping system provides a powerful cutting force and an easy insert change
- New grades with chipping resistance provides good surface roughness and better tool life
- Due to the specially designed chip breaker, all operations are possible
- RMT with various pitches can replace conventional ISO milling tool

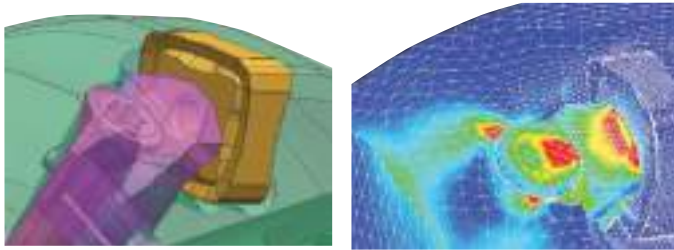
▶ Features of RMT



Features of RMT insert(using R/L)



Clamping force analysis



14

KORLOY TECH-NEWS

RICH MILL SERIES

Chip breaker

	Insert	Cutter edge	Features
Fine finishing MF			Our specialized insert design aimed for low cutting force is suitable for light cutting, HRSA.
Light cutting MF			Suitable geometry design for general milling has wider ranges of machining.

Recommended grades and chip breakers

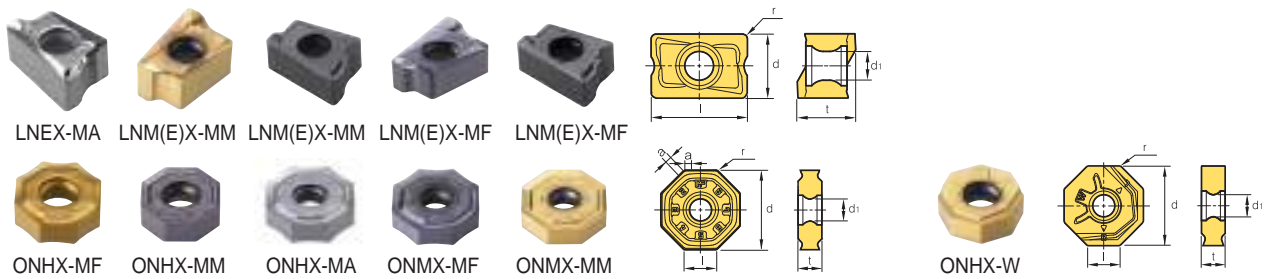
ISO	Grade	MM	MF
P	NCM325		○
	PC3500		○
	PC3545		○
M	PC9530		◎
K	PC6510		◎

◎ : Optimum ○ : Prope

Recommended cutting condition

ISO	Grade	MM		MM	
		vc(m/min)	fz(mm/t)	vc(m/min)	fz(mm/t)
P	NCM325	150~300	0.05~0.30	150~300	0.05~0.20
	PC3500	150~300	0.05~0.30	150~300	0.05~0.20
	PC3545	150~300	0.05~0.30	150~300	0.05~0.20
M	PC9530	120~180	0.05~0.20	120~180	0.05~0.20
K	PC6510	150~300	0.05~0.30	150~300	0.05~0.20

Available Inserts



	Designation	l	d	t	r	d ₁	a	b
LNEX	100605PNR-MA	10.0	6.5	6.5	0.5	3.5	-	-
	151004PNR-MA	15.0	10.0	10.0	0.4	4.5	-	-
	151008PNR-MA	15.0	10.0	10.0	0.8	4.5	-	-
LNMX	100605PNR-MF	10.0	6.5	6.5	0.5	3.5	-	-
	100608PNR-MF	10.0	6.5	6.5	0.8	3.5	-	-
	100605PNR-MM	10.0	6.5	6.5	0.5	3.5	-	-
LNEX	100605PNR-MF	10.0	6.5	6.5	0.5	3.5	-	-
	100608PNR-MF	10.0	6.5	6.5	0.8	3.5	-	-
	100605PNL-MM	10.0	6.5	6.5	0.5	3.5	-	-
LNMX	151004PNR-MF	15.0	10.0	10.0	0.4	4.5	-	-
	151008PNR-MF	15.0	10.0	10.0	0.8	4.5	-	-
	151016PNR-MF	15.0	10.0	10.0	1.6	4.5	-	-
LNEX	151004PNR-MF	15.0	10.0	10.0	0.4	4.5	-	-
	151008PNR-MF	15.0	10.0	10.0	0.8	4.5	-	-
	151016PNR-MF	15.0	10.0	10.0	1.6	4.5	-	-
LNMX	100605PNR-MM	10.0	6.5	6.5	0.5	3.5	-	-
	100608PNR-MM	10.0	6.5	6.5	0.8	3.5	-	-
	100605PNL-MM	10.0	6.5	6.5	0.5	3.5	-	-
LNEX	100605PNR-MM	10.0	6.5	6.5	0.5	3.5	-	-
	100608PNR-MM	10.0	6.5	6.5	0.8	3.5	-	-
	100605PNL-MM	10.0	6.5	6.5	0.5	3.5	-	-
LNMX	151004PNR-MM	15.0	10.0	10.0	0.4	4.5	-	-
	151008PNR-MM	15.0	10.0	10.0	0.8	4.5	-	-
	151016PNR-MM	15.0	10.0	10.0	1.6	4.5	-	-
	151008PNL-MM	15.0	10.0	10.0	0.8	4.5	-	-
LNEX	151004PNR-MM	15.0	10.0	10.0	0.4	4.5	-	-
	151008PNR-MM	15.0	10.0	10.0	0.8	4.5	-	-
	151016PNR-MM	15.0	10.0	10.0	1.6	4.5	-	-
	151008PNL-MM	15.0	10.0	10.0	0.8	4.5	-	-
ONHX	060608-MF	6.6	16.0	6.0	0.8	5.6	-	-
	080608-MF	8.4	20.2	6.0	0.8	5.6	-	-
	0606ANN-MF	6.6	16.0	6.0	0.8	5.6	1.03	-
	0806ANN-MF	8.4	20.2	6.0	0.8	5.6	1.53	-
ONHX	060608-MM	6.6	16.0	6.0	0.8	5.6	-	-
	080608-MM	8.4	20.2	6.0	0.8	5.6	-	-
	0606ANN-MM	6.6	16.0	6.0	0.8	5.6	1.03	-
	0806ANN-MM	8.4	20.2	6.0	0.8	5.6	1.53	-
ONHX	060608-MA	6.6	16.0	6.0	0.8	5.6	-	-
	080608-MA	8.4	20.2	6.0	0.8	5.6	-	-
ONHX	060608-W	6.5	16.0	6.0	0.8	5.6	-	-
	080608-W	8.2	20.2	6.0	0.8	5.6	-	-
ONHX	060608-MF	6.6	16.0	6.0	0.8	5.6	-	-
	080608-MF	8.4	20.2	6.0	0.8	5.6	-	-
	0606ANN-MF	6.6	16.0	6.0	0.8	5.6	1.03	-
	0806ANN-MF	8.4	20.2	6.0	0.8	5.6	1.53	-
ONHX	060608-MM	6.6	16.0	6.0	0.8	5.6	-	-
	080608-MM	8.4	20.2	6.0	0.8	5.6	-	-
	0606ANN-MM	6.6	16.0	6.0	0.8	5.6	1.03	-
	0806ANN-MM	8.4	20.2	6.0	0.8	5.6	1.53	-

RICH MILL SERIES

Available Inserts



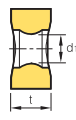
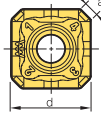
SNEX-MA



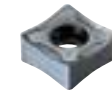
SNM(E)X-MF



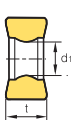
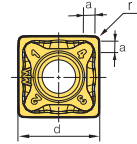
SNM(E)X-MM



SNM(E)X-MF



SNM(E)X-MM



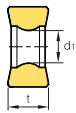
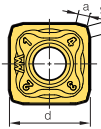
SNM(E)X-MF



SNC(M)F-MF



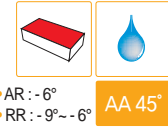
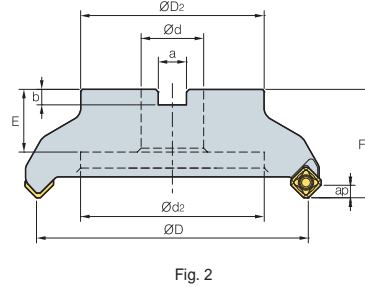
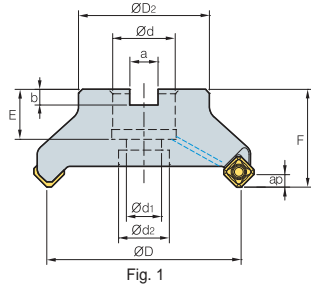
SNC(M)F-MM



SNEX-W

	Designation	l	d	t	r	d ₁	a	b
SNCF	1206ANN-MF	-	12.7	6.6	-	-	2	-
	1507ANN-MF	-	15.875	7.35	-	-	2.1	-
SNMF	1206ANN-MF	-	12.7	6.6	-	-	2	-
	1507ANN-MF	-	15.875	7.35	-	-	2.1	-
SNCF	1206ENN-MF	-	12.7	6.6	-	-	1.8	-
	1507ENN-MF	-	15.875	7.35	-	-	1.8	-
SNMF	1206ENN-MF	-	12.7	6.6	-	-	1.8	-
	1507ENN-MF	-	15.875	7.35	-	-	1.8	-
SNCF	1206QNN-MF	-	12.7	6.6	0.8	-	1	-
	1507QNN-MF	-	15.875	7.35	0.8	-	1	-
SNCF	1206ANN-MM	-	12.7	6.6	-	-	2	-
	1507ANN-MM	-	15.875	7.35	-	-	2.1	-
SNMF	1206ANN-MM	-	12.7	6.6	-	-	2	-
	1507ANN-MM	-	15.875	7.35	-	-	2.1	-
SNCF	1206ENN-MM	-	12.7	6.6	-	-	1.8	-
	1507ENN-MM	-	15.875	7.35	-	-	1.8	-
SNMF	1206ENN-MM	-	12.7	6.6	-	-	1.8	-
	1507ENN-MM	-	15.875	7.35	-	-	1.8	-
SNCF	1206QNN-MM	-	12.7	6.6	0.8	-	1	-
	1507QNN-MM	-	15.875	7.35	0.8	-	1	-
SNEX	1206ANN-MA	-	12.7	6.35	-	4.5	2.36	-
	1206ENN-MA	-	12.7	6.35	-	5.2	1.82	-
	1206QNN-MA	-	12.7	6.35	-	5.2	1.39	-
	120612-MA	-	12.7	6.35	1.2	5.2	-	-
SNMX	1206ANN-MF	-	12.7	6.35	-	4.5	2.36	-
	1507ANN-MF	-	15.875	7.94	-	5.6	3.15	-
SNEX	1206ANN-MF	-	12.7	6.35	-	4.5	2.36	-
	1507ANN-MF	-	15.875	7.94	-	5.6	3.15	-
SNMX	1206ENN-MF	-	12.7	6.35	-	4.5	1.82	-
	1507ENN-MF	-	15.875	7.94	-	5.6	2.66	-
SNEX	1206ENN-MF	-	12.7	6.35	-	4.5	1.82	-
	1507ENN-MF	-	15.875	7.94	-	5.6	2.66	-
SNMX	1206QNN-MF	-	12.7	6.35	-	5.2	2.36	-
	120612-MF	-	12.7	6.35	1.2	5.2	-	-
SNEX	1206QNN-MF	-	12.7	6.35	-	5.2	2.36	-
	120612-MF	-	12.7	6.35	1.2	5.2	-	-
SNMX	1206ANN-MM	-	12.7	6.35	-	4.5	2.36	-
	1507ANN-MM	-	15.875	7.94	-	5.6	3.15	-
SNEX	1206ANN-MM	-	12.7	6.35	-	4.5	2.36	-
	1507ANN-MM	-	15.875	7.94	-	5.6	3.15	-
SNMX	1206ENN-MM	-	12.7	6.35	-	5.2	1.82	-
	1507ENN-MM	-	15.875	7.94	-	5.6	2.66	-
SNEX	1206ENN-MM	-	12.7	6.35	-	5.2	1.82	-
	1507ENN-MM	-	15.875	7.94	-	5.6	2.66	-
SNMX	1206QNN-MM	-	12.7	6.35	-	4.5	2.36	-
	120612-MM	-	12.7	6.35	1.2	4.5	-	-
SNEX	1206QNN-MM	-	12.7	6.35	-	4.5	2.36	-
	120612-MM	-	12.7	6.35	1.2	4.5	-	-
SNEX	1206ANN-W	-	12.7	6.35	-	4.5	7.6	-

RM8AC(M)4000



• AR : -6°
• RR : -9°--6°

AA 45°

(mm)

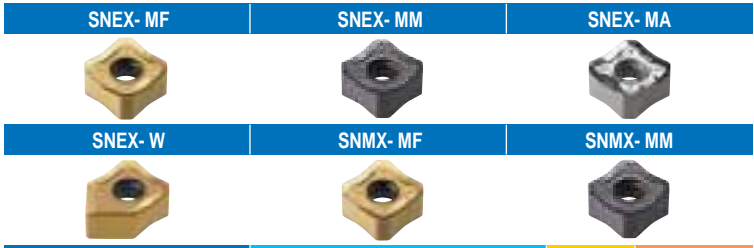
Designation			ØD	ØD ₂	Ød	Ød ₁	Ød ₂	a	b	E	F	ap		Fig.
RM8ACM	4050HR-M	4	50	49	22	11	18	10.4	6.3	20	40	6.0	0.5	1
	4050HR-H	6	50	49	22	11	18	10.4	6.3	20	40	6.0	0.5	1
	4063HR-M	6	63	49	22	11	18	10.4	6.3	20	40	6.0	0.7	1
	4063HR-H	8	63	49	22	11	18	10.4	6.3	20	40	6.0	0.7	1
RM8AC (RM8ACM)	4080HR	5	80	57	25.4(27)	14	20	9.5(12.4)	6(7)	25(23)	50	6.0	1.2	1
	4080HR-M	7	80	57	25.4(27)	14	20	9.5(12.4)	6(7)	25(23)	50	6.0	1.2	1
	4080HR-H	10	80	57	25.4(27)	14	20	9.5(12.4)	6(7)	25(23)	50	6.0	1.3	1
	4100HR	6	100	67	31.75(32)	18	26	12.7(14.4)	8	33(25.5)	63(50)	6.0	1.7	1
	4100HR-M	8	100	67	31.75(32)	18	26	12.7(14.4)	8	33(25.5)	63(50)	6.0	1.7	1
	4100HR-H	12	100	67	31.75(32)	18	26	12.7(14.4)	8	33(25.5)	63(50)	6.0	1.7	1
	4125HR	8	125	87	38.1(40)	22	32	15.9(16.4)	10(9)	36(30)	63	6.0	3.6	1
	4125HR-M	10	125	87	38.1(40)	22	32	15.9(16.4)	10(9)	36(30)	63	6.0	3.6	1
	4125HR-H	16	125	87	38.1(40)	22	32	15.9(16.4)	10(9)	36(30)	63	6.0	3.7	1
	4160R	10	160	107	50.8(40)	-	107	19(16.4)	11(9)	38(32)	63	6.0	4.8	2
	4160R-M	12	160	107	50.8(40)	-	107	19(16.4)	11(9)	38(32)	63	6.0	5.3	2
	4160R-H	20	160	107	50.8(40)	-	107	19(16.4)	11(9)	38(32)	63	6.0	5.4	2
	4200R-M	14	200	130	47.625(60)	-	135	25.4(25.7)	14	38(32)	63	6.0	7.1	2
	4200R-H	24	200	130	47.625(60)	-	135	25.4(25.7)	14	38(32)	63	6.0	7.1	2
	4250R-M	16	250	180	47.625(60)	-	180	25.4(25.7)	14	38(32)	63	6.0	11.9	2
	4250R-H	30	250	180	47.625(60)	-	180	25.4(25.7)	14	38(32)	63	6.0	12.0	2
4315R	18	315	240	47.625(60)	-	238	25.4(25.7)	14	38	63	6.0	18.8(18.6)	2	
4315R-M	20	315	240	47.625(60)	-	238	25.4(25.7)	14	38	63	6.0	18.8(18.6)	2	
4400R-M	28	400	260	47.625(60)	-	238	25.4(25.7)	14	38	80	6.0	37.7(37.4)	2	

• () Metric Size

Parts

FTKA0410	TW15S

Available Inserts



Designation	Coated								Cermet			Uncoated					
	NCM325	NCM335	NC3300	PC3500	PC3300	PC3545	PC3530	PC3510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
SNEX 1206ANN-MF				•	•				•								
1206ANN-MM	•			•	•				•								
SNMX 1206ANN-MF				•	•				•								
1206ANN-MM	•			•	•				•								
SNEX 1206ANN-MA														•			
1206ANN-W				•					•								

• : Stock item

RICH MILL SERIES

RMH8AC(M)4000 (Shim type)



• AR : -6°
• RR : -9°--6°
AA 45°

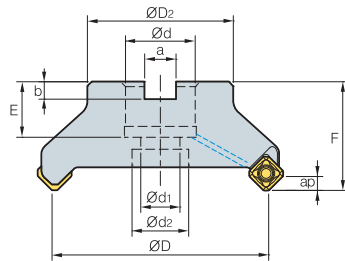


Fig. 1

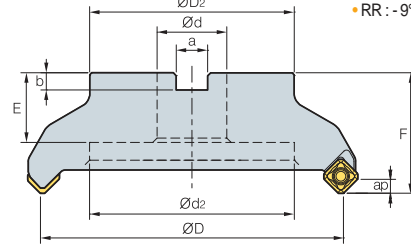


Fig. 2

(mm)

Designation		ØD	ØD ₂	Ød	Ød ₁	Ød ₂	a	b	E	F	ap		Fig.
RMH8AC													
(RMH8ACM)													
4080HR-M	7	80	57	25.4(27)	14	20	9.5(12.4)	6(7)	25(23)	50	6.0	1.2	1
4100HR-M	8	100	67	31.75(32)	18	26	12.7(14.4)	8	33(25.5)	63(50)	6.0	1.7	1
4125HR-M	10	125	87	38.1(40)	22	32	15.9(16.4)	10(9)	36(30)	63	6.0	3.6	1
4160R-M	12	160	107	50.8(40)	-	107	19(16.4)	11(9)	38(32)	63	6.0	5.3	2
4200R-M	14	200	130	47.625(60)	-	135	25.4(25.7)	14	38(32)	63	6.0	7.1	2
4250R-M	16	250	180	47.625(60)	-	180	25.4(25.7)	14	38(32)	63	6.0	11.9	2
4315R-M	20	315	240	47.625(60)	-	238	25.4(25.7)	14	38	63	6.0	18.8(18.6)	2
4400R-M	26	400	260	47.625(60)	-	238	25.4(25.7)	14	38	80	6.0	37.7(37.4)	2

• () Metric Size

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KORLOY
TECH-NEWS

RICH MILL
SERIES

• Parts

FTKA0412B	TW15S
SS42RM8	SHXN0609F

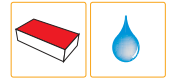
• Available Inserts

SNEX- MF	SNEX- MM	SNEX- MA
SNEX- W	SNMX- MF	SNMX- MM

Designation	Coated								Cermet		Uncoated					
	NCM325	NCM335	NC5330	PC5300	PC3545	PC3530	PC6510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
SNEX 1206ANN-MF				•	•			•								
1206ANN-MM	•			•	•			•								
SNMX 1206ANN-MF				•	•			•								
1206ANN-MM	•			•	•			•								
SNEX 1206ANN-MA																•
1206ANN-W					•			•								

• : Stock item

RM8AC(M)5000



• AR : - 6°
• RR : - 9° - - 6°
AA 45°

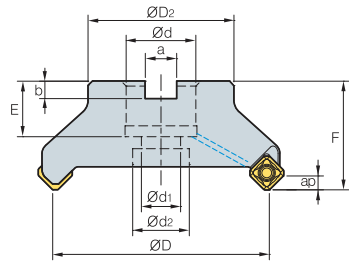


Fig. 1

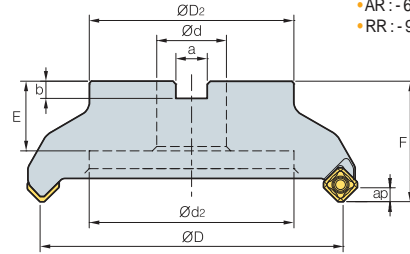


Fig. 2

(mm)

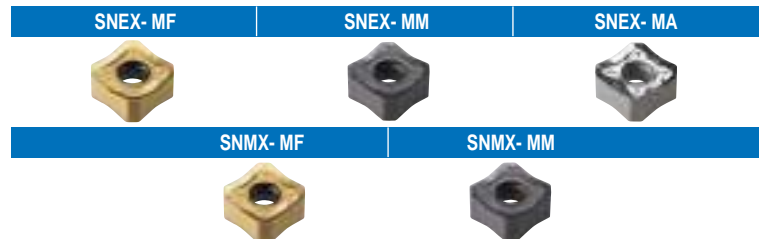
Designation			ØD	ØD ₂	Ød	Ød ₁	Ød ₂	a	b	E	F	ap		Fig.
RM8AC (RM8ACM)	5080HR-M	6	80	57	25.4(27)	14	20	9.5(12.4)	6(7)	25(23)	50	7.5	1.2	1
	5100HR-M	7	100	67	31.75(32)	18	26	12.7(14.4)	8.0	33(25)	63(50)	7.5	2.5(1.8)	1
	5125HR-M	8	125	87	38.1(40)	22	32	15.9(16.4)	10(9)	35(30)	63	7.5	3.6	1
	5160R-M	10	160	107	50.8(40)	-	107	19(16.4)	11(9)	38(32)	63	7.5	5(4.56)	2
	5200R-M	12	200	130	47.625(60)	-	135	25.4(25.7)	14.0	38	63	7.5	7.1(6.8)	2
	5250R-M	15	250	180	47.625(60)	-	180	25.4(25.7)	14.0	38	63	7.5	11.9(10.6)	2
	5315R-M	20	315	240	47.625(60)	-	238	25.4(25.7)	14.0	38	63	7.5	19.1(18.9)	2
	5400R-M	28	400	260	47.625(60)	-	238	25.4(25.7)	14.0	38	80	7.5	37.7(37.5)	2

• () Metric Size

• Parts

FTGA0513	TW20- 100

• Available Inserts



Designation	Coated								Cermet			Uncoated					
	NCM325	NCM335	NC5330	PC3500	PC3300	PC3545	PC3830	PC6510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
SNEX 1507ANN-MF									•								
1507ANN-MM									•								
SNMX 1507ANN-MF				•					•								
1507ANN-MM				•					•								

• : Stock item

RICH MILL SERIES

RMH8AC(M)5000 (Shim type)

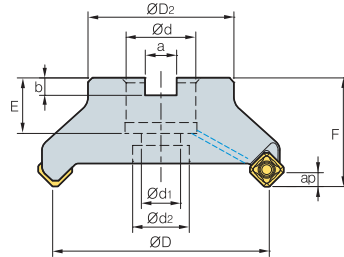


Fig. 1

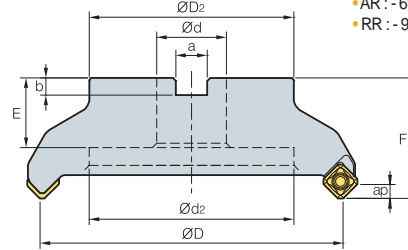
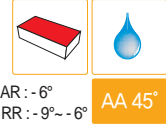


Fig. 2

(mm)



• AR: -6°
• RR: -9°--6°

AA 45°

Designation			ØD	ØD ₂	Ød	Ød ₁	Ød ₂	a	b	E	F	ap		Fig.
RMH8AC (RMH8ACM)	5080HR-M	6	80	57	25.4(27)	14	20	9.5(12.4)	6(7)	25(23)	50	7.5	1.2	1
	5100HR-M	7	100	67	31.75(32)	18	26	12.7(14.4)	8.0	33(25)	63(50)	7.5	2.5(1.8)	1
	5125HR-M	8	125	87	38.1(40)	22	32	15.9(16.4)	10(9)	36(30)	63	7.5	3.6	1
	5160R-M	10	160	107	50.8(40)	-	107	19(16.4)	11(9)	38(32)	63	7.5	5(4.56)	2
	5200R-M	12	200	130	47.625(60)	-	135	25.4(25.7)	14.0	38(32)	63	7.5	7.1(6.8)	2
	5250R-M	15	250	180	47.625(60)	-	180	25.4(25.7)	14.0	38(32)	63	7.5	11.9(10.6)	2
	5315R-M	20	315	240	47.625(60)	-	238	25.4(25.7)	14.0	38	63	7.5	19.1(18.9)	2
	5400R-M	22	400	260	47.625(60)	-	238	25.4(25.7)	14.0	38	80	7.5	37.7(37.5)	2

• () Metric Size

20

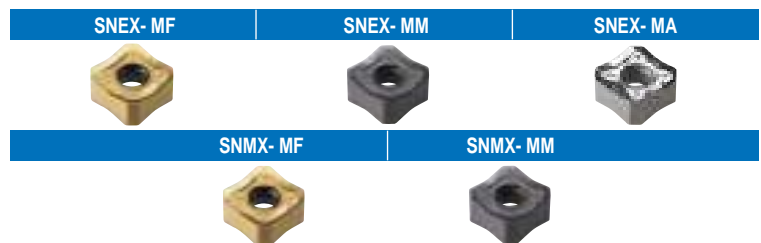
KORLOY
TECH-NEWS

RICH MILL
SERIES

• Parts

FTGA0513	TW20- 100
SS53RM8	SHXN0712F

• Available Inserts



Designation	Coated							Cermet			Uncoated						
	NCM325	NCM335	NC5330	PC3500	PC3300	PC3545	PC9530	PC6510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
SNEX 1507ANN-MF								●									
1507ANN-MM								●									
SNMX 1507ANN-MF								●									
1507ANN-MM								●									

● : Stock item

RM8EC(M)4000

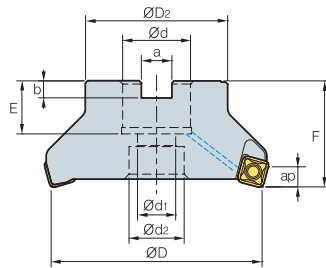


Fig. 1

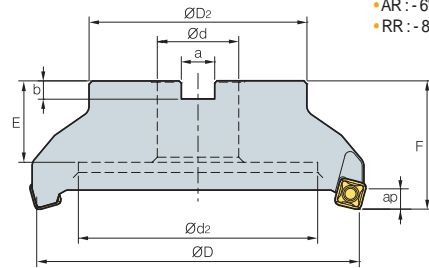
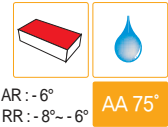


Fig. 2

(mm)



• AR : - 6°
• RR : - 8° - - 6°

AA 75°

Designation		ØD	ØD ₂	Ød	Ød ₁	Ød ₂	a	b	E	F	ap		Fig.
RM8EC													
(RM8ECM)													
4050HR-M	4	50	49	22	11	18	10.4	6.3	20	40	9.0	0.4	1
4063HR-M	6	63	49	22	11	18	10.4	6.3	20	40	9.0	0.6	1
4080HR	5	80	57	25.4(27)	14	20	9.5(12.4)	6(7)	25(23)	50	9.0	1.2	1
4080HR-M	7	80	57	25.4(27)	14	20	9.5(12.4)	6(7)	25(23)	50	9.0	1.1	1
4100HR	6	100	67	31.75(32)	18	26	12.7(14.4)	8	33(25)	63(50)	9.0	1.6	1
4100HR-M	8	100	67	31.75(32)	18	26	12.7(14.4)	8	33(25)	63(50)	9.0	2.5	1
4125HR	8	125	87	38.1(40)	22	32	15.9(16.4)	10(9)	35(29)	63	9.0	2.9(3.3)	1
4125HR-M	10	125	87	38.1(40)	22	32	15.9(16.4)	10(9)	35(29)	63	9.0	3.0	1
4160R	10	160	107	50.8(40)	-	107	19(16.4)	11(9)	38(32)	63	9.0	4.4	2
4160R-M	12	160	107	50.8(40)	-	107	19(16.4)	11(9)	38(32)	63	9.0	4.0	2
4200R-M	16	200	130	47.625(60)	-	135	25.4(25.7)	14	38(32)	63	9.0	5.9	2
4250R-M	16	250	180	47.625(60)	-	180	25.4(25.7)	14	38	63	9.0	10.9(10.6)	2
4315R-M	20	315	240	47.625(60)	-	238	25.4(25.7)	14	38	63	9.0	18.1(17.9)	2
4400R-M	28	400	260	47.625(60)	-	238	25.4(25.7)	14	38	80	9.0	31.8(31.5)	2

• () Metric Size

21

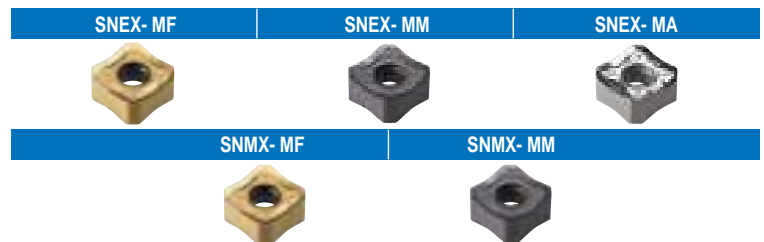
KORLOY
TECH-NEWS

RICH MILL
SERIES

• Parts

PTKA0411- R3	TW15S

• Available Inserts



Designation	Coated								Cermet		Uncoated						
	NCM325	NCM335	NC5330	PC3500	PC5300	PC3545	PC3530	PC6510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
SNEX 1206ENN-MF				•	•				•								
1206ENN-MM				•	•				•								
SNMX 1206ENN-MF				•	•				•								
1206ENN-MM				•	•				•								
SNEX 1206ENN-MA				•					•					•			

• : Stock item

RICH MILL SERIES

RMH8EC(M)4000 (Shim type)

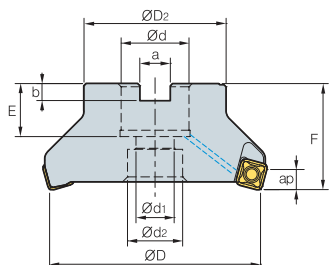


Fig. 1

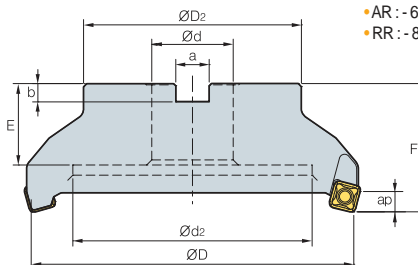


Fig. 2

(mm)



• AR : -6°
• RR : -8° ~ -6°

AA 75°

Designation		ØD	ØD ₂	Ød	Ød ₁	Ød ₂	a	b	E	F	ap		Fig.
RMH8EC													
4080HR-M	7	80	57	25.4(27)	14	20	9.5(12.4)	6(7)	25(23)	50	9.0	1.1	1
(RMH8ECM)													
4100HR-M	8	100	67	31.75(32)	18	26	12.7(14.4)	8	33(25.5)	63(50)	9.0	2.5	1
4125HR-M	10	125	87	38.1(40)	22	32	15.9(16.4)	10(9)	36(30)	63	9.0	3.0	1
4160R-M	12	160	107	50.8(40)	-	107	19(16.4)	11(9)	38(32)	63	9.0	4.0	2
4200R-M	16	200	130	47.625(60)	-	135	25.4(25.7)	14	38(32)	63	9.0	5.9	2
4250R-M	16	250	180	47.625(60)	-	180	25.4(25.7)	14	38(32)	63	9.0	10.9(10.6)	2
4315R-M	20	315	240	47.625(60)	-	238	25.4(25.7)	14	38	63	9.0	18.1(17.9)	2
4400R-M	24	400	260	47.625(60)	-	238	25.4(25.7)	14	38	80	9.0	31.8(31.5)	2

• () Metric Size

22

KORLOY
TECH-NEWS

RICH MILL
SERIES

• Parts

 Screw	 Wrench
PTKA0411- R3	TW15S
 Shim	 Shim Screw
SS42RM8	SHXN0609F

• Available Inserts

SNEX- MF	SNEX- MM	SNEX- MA
SNMX- MF	SNMX- MM	

Designation	Coated										Cermet			Uncoated			
	NCM325	NCM335	NC3330	PC3500	PC3300	PC3545	PC3530	PC3510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
SNEX 1206ENN-MF				•	•				•								
1206ENN-MM				•					•								
SNMX 1206ENN-MF				•	•				•								
1206ENN-MM				•	•				•								
SNEX 1206ENN-MA				•					•					•			

• : Stock item

RM8EC(M)5000

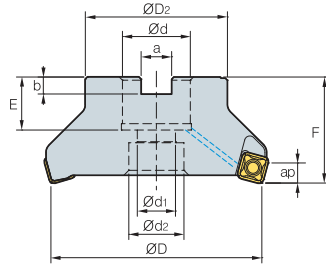


Fig. 1

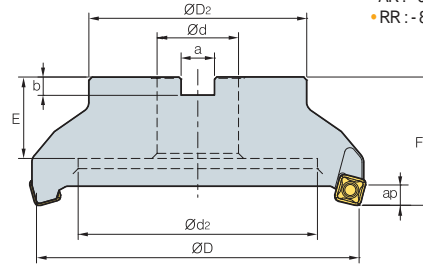
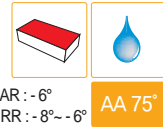


Fig. 2

(mm)



• AR : - 6°
• RR : - 8°- - 6°

AA 75°

Designation			ØD	ØD ₂	Ød	Ød ₁	Ød ₂	a	b	E	F	ap		Fig.
RM8EC (RM8ECM)	5080HR-M	6	80	57	25.4(27)	14	20	9.5(12.4)	6(7)	25(23)	50	11.0	1.1	1
	5100HR-M	7	100	67	31.75(32)	18	26	12.7(14.4)	8.0	33(25)	63(50)	11.0	2.1(1.7)	1
	5125HR-M	8	125	87	38.1(40)	22	32	15.9(16.4)	10(9)	35(30)	63	11.0	3.4(3.3)	1
	5160R-M	10	160	107	50.8(40)	-	107	19(16.4)	11(9)	38(32)	63	11.0	4.4(4.1)	2
	5200R-M	12	200	130	47.625(60)	-	135	25.4(25.7)	14.0	38	63	11.0	6.4(6.1)	2
	5250R-M	15	250	180	47.625(60)	-	180	25.4(25.7)	14.0	38	63	11.0	11.0(10.7)	2
	5315R-M	20	315	240	47.625(60)	-	238	25.4(25.7)	14.0	38	63	11.0	18.0(17.7)	2
	5400R-M	28	400	260	47.625(60)	-	238	25.4(25.7)	14.0	38	80	11.0	35.7(35.4)	2

• () Metric Size

23

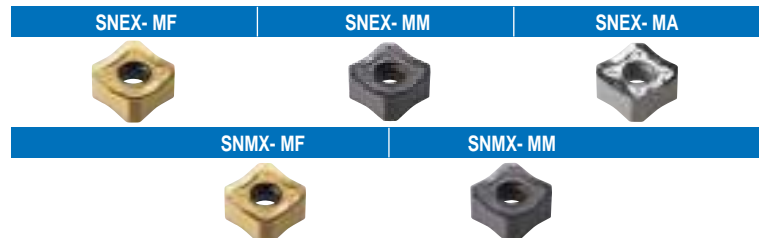
KORLOY
TECH-NEWS

RICH MILL
SERIES

• Parts

Screw	Wrench
 FTGA0513	 TW20- 100

• Available Inserts



Designation	Coated								Cermet			Uncoated					
	NCM325	NCM335	NC5330	PC3500	PC5300	PC3545	PC9530	PC6510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
SNEX 1507ENN-MF									•								
1507ENN-MM																	
SNMX 1507ENN-MF				•					•								
1507ENN-MM				•					•								

• : Stock item

RICH MILL SERIES

RMH8EC(M)5000 (Shim type)

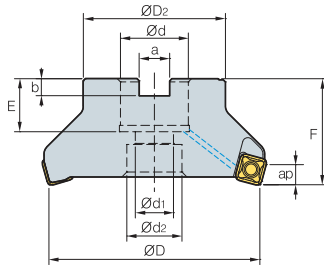


Fig. 1

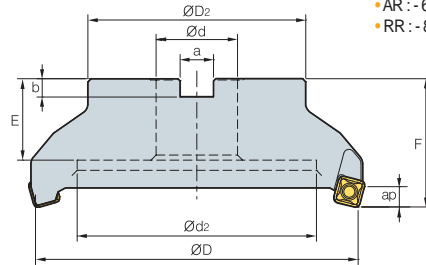


Fig. 2

(mm)



• AR: -6°
• RR: -8°--6°

AA 75°

Designation			ØD	ØD ₂	Ød	Ød ₁	Ød ₂	a	b	E	F	ap		Fig.
RMH8EC (RMH8ECM)	5080HR-M	6	80	57	25.4(27)	14	20	9.5(12.4)	6(7)	25(23)	50	11.0	1.1	1
	5100HR-M	7	100	67	31.75(32)	18	26	12.7(14.4)	8.0	33(25)	63(50)	11.0	2.1(1.7)	1
	5125HR-M	8	125	87	38.1(40)	22	32	15.9(16.4)	10(9)	35(30)	63	11.0	3.4(3.3)	1
	5160R-M	10	160	107	50.8(40)	-	107	19(16.4)	11(9)	38(32)	63	11.0	4.4(4.1)	2
	5200R-M	12	200	130	47.625(60)	-	135	25.4(25.7)	14.0	38	63	11.0	6.4(6.1)	2
	5250R-M	15	250	180	47.625(60)	-	180	25.4(25.7)	14.0	38	63	11.0	11.0(10.7)	2
	5315R-M	20	315	240	47.625(60)	-	238	25.4(25.7)	14.0	38	63	11.0	18.0(17.7)	2
	5400R-M	28	400	260	47.625(60)	-	238	25.4(25.7)	14.0	38	80	11.0	35.7(35.4)	2

• () Metric Size

24

KORLOY
TECH-NEWS

RICH MILL
SERIES

Parts

 Screw	 Wrench
FTGA0513	TW20- 100
 Shim	 Shim Screw
SS53RM8	SHXN0712F

Available Inserts

SNEX- MF	SNEX- MM	SNEX- MA
SNMX- MF	SNMX- MM	

Designation	Coated							Cermet			Uncoated						
	NCM325	NCM335	NC5330	PC3300	PC5300	PC3345	PC9530	PC6510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
SNEX 1507ENN-MF								●									
1507ENN-MM																	
SNMX 1507ENN-MF							●		●								
1507ENN-MM							●		●								

● : Stock item

RM8QC(M)4000



• AR : -6°
• RR : -8°~-6°
AA 88°

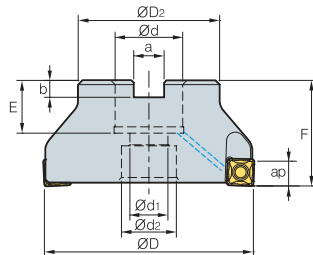


Fig. 1

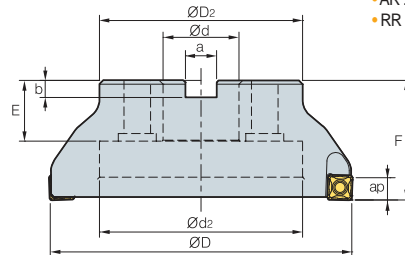


Fig. 2

(mm)

Designation			$\varnothing D$	$\varnothing D_2$	$\varnothing d$	$\varnothing d_1$	$\varnothing d_2$	a	b	E	F	ap		Fig.
RM8QC (RM8QCM)	4063HR-M	6	63	49	22	11	18	10.4	6.3	20	40	11.5	0.6	1
	4063HR-H	8	63	49	22	11	18	10.4	6.3	20	40	11.5	0.6	1
	4080HR-M	7	80	57	25.4(27)	14	20	9.5(12.4)	6(7)	25(23)	50	11.5	1.1	1
	4080HR-H	10	80	57	25.4(27)	14	20	9.5(12.4)	6(7)	25(23)	50	11.5	1.0	1
	4100HR-M	8	100	67	31.75(32)	18	26	12.7(14.4)	8	33(25.5)	63(50)	11.5	1.7	1
	4100HR-H	12	100	67	31.75(32)	18	26	12.7(14.4)	8	33(25.5)	63(50)	11.5	1.6	1
	4125HR-M	10	125	87	38.1(40)	22	32	15.9(16.4)	10(9)	36(30)	63	11.5	3.3	1
	4125HR-H	14	125	87	38.1(40)	22	32	15.9(16.4)	10(9)	36(30)	63	11.5	3.3	1
	4160R-M	12	160	107	50.8(40)	-	107	19(16.4)	11(9)	38(32)	63	11.5	3.9	2
	4160R-H	20	160	107	50.8(40)	-	107	19(16.4)	11(9)	38(32)	63	11.5	3.9	2
4200R-M	14	200	130	47.625(60)	-	135	25.4(25.7)	14	38(32)	63	11.5	6.4	2	
4200R-H	22	200	130	47.625(60)	-	135	25.4(25.7)	14	38(32)	63	11.5	6.4	2	

• () Metric Size

25

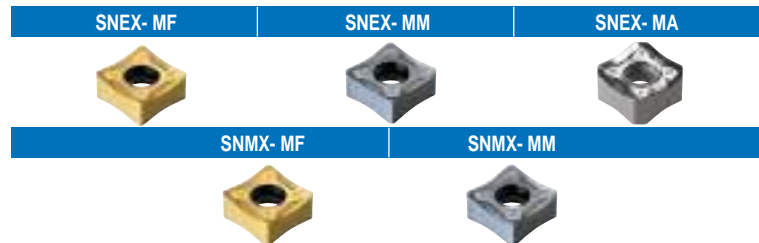
KORLOY
TECH-NEWS

RICH MILL
SERIES

• Parts

Screw	Wrench
PTKA0411- R3	TW15S

• Available Inserts



Designation	Coated							Cermet			Uncoated					
	NCM325	NCM335	NC5330	PC3500	PC3545	PC3530	PC6510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
SNEX 1206QNN-MF				•	•											
SNMX 1206QNN-MF				•												
SNEX 1206QNN-MM				•												
SNMX 1206QNN-MM				•												
SNEX 1206QNN-MA																
SNEX 120612-MF																
SNMX 120612-MF																
SNEX 120612-MM																
SNMX 120612-MM				•												
SNEX 120612-MA																

• : Stock item

RICH MILL SERIES

RMH8QC(M)4000 (Shim type)

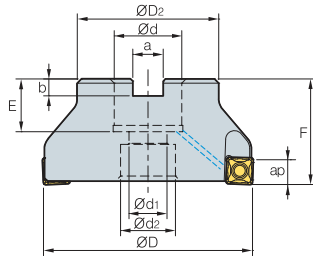


Fig. 1

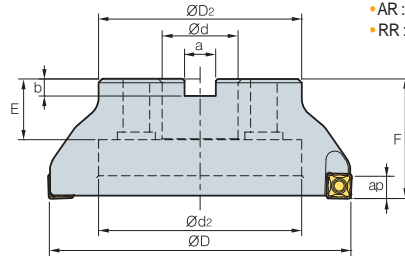
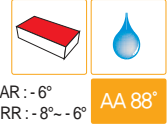


Fig. 2

(mm)



• AR : -6°
• RR : -8°--6°

AA 88°

Designation		ØD	ØD ₂	Ød	Ød ₁	Ød ₂	a	b	E	F	ap		Fig.
RMH8QC													
4080HR-M	7	80	57	25.4(27)	14	20	9.5(12.4)	6(7)	25(23)	50	11.5	1.1	1
(RMH8QCM)													
4100HR-M	8	100	67	31.75(32)	18	26	12.7(14.4)	8	33(25.5)	63(50)	11.5	2.5	1
4125HR-M	10	125	87	38.1(40)	22	32	15.9(16.4)	10(9)	36(30)	63	11.5	3.0	1
4160R-M	12	160	107	50.8(40)	-	107	19(16.4)	11(9)	38(32)	63	11.5	4.0	2
4200R-M	16	200	130	47.625(60)	-	135	25.4(25.7)	14	38(32)	63	11.5	5.9	2

• () Metric Size

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KORLOY
TECH-NEWS

RICH MILL
SERIES

• Parts

PTKA0411- R3	TW15S
SS42RM8	SHXN0609F

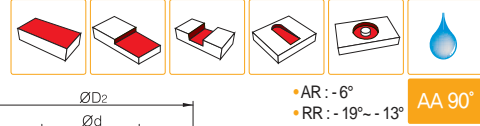
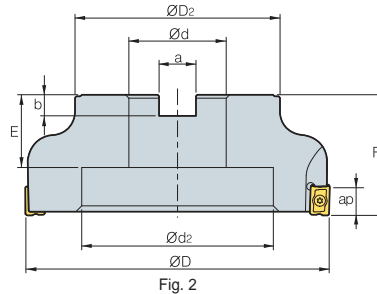
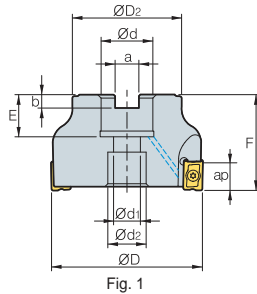
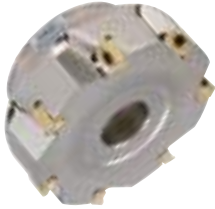
• Available Inserts

SNEX- MF	SNEX- MM	SNEX- MA
SNMX- MF	SNMX- MM	

Designation	Coated							Cermet		Uncoated							
	NCM325	NCM335	NC5330	PC3500	PC3300	PC3345	PC9500	PC6510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
SNEX 1206QNN-MF					•	•			•								
SNMX 1206QNN-MF					•				•								
SNEX 1206QNN-MM					•				•								
SNMX 1206QNN-MM					•				•								
SNEX 1206QNN-MA																	
SNEX 120612-MF																	
SNMX 120612-MF																	
SNEX 120612-MM																	
SNMX 120612-MM						•			•								
SNEX 120612-MA																	

• : Stock item

RM4PC(M)3000



Designation		ØD	ØD ₂	Ød	Ød ₁	Ød ₂	a	b	E	F	ap		Bolt	Fig.	
RM4PC (RM4PCM)	3040HR	4	40	35	16	9	14	8.4	5.6	19	40	9.0	0.24	SB0825	1
	3040HR-M	5	40	35	16	9	14	8.4	5.6	19	40	9.0	0.23	SB0825	1
	3050HR	5	50	42	22	11	18	10.4	6.3	20	40	9.0	0.36	SB1025	1
	3050HR-M	7	50	42	22	11	18	10.4	6.3	20	40	9.0	0.35	SB1025	1
	3063HR	7	63	49	22	11	18	10.4	6.3	20	40	9.0	0.61	SB1025	1
	3063HR-M	9	63	49	22	11	18	10.4	6.3	20	40	9.0	0.6	SB1025	1
	3080HR	8	80	57	25.4(27)	14	20	9.5(12.4)	6.0(7.0)	25(23)	50	9.0	1.25(1.24)	SB1230	1
	3080HR-M	10	80	57	25.4(27)	14	20	9.5(12.4)	6.0(7.0)	25(23)	50	9.0	1.24(1.23)	SB1230	1
	3100HR	9	100	67	31.75(32)	18	26	12.7(14.4)	8.0(8.0)	33(25)	63(50)	9.0	2.46(1.94)	SB1630	1
	3100HR-M	12	100	67	31.75(32)	18	26	12.7(14.4)	8.0(8.0)	33(25)	63(50)	9.0	2.44(1.93)	SB1630	1

(mm)

• () Metric Size

27

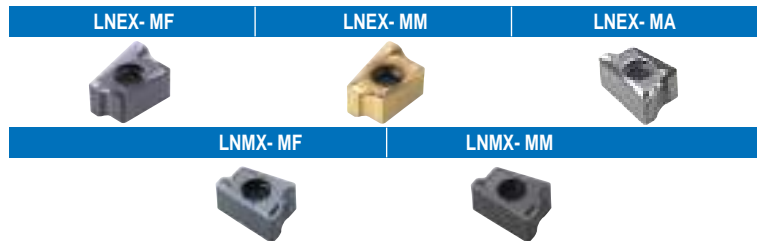
KORLOY
TECH-NEWS

RICH MILL
SERIES

• Parts

Screw	Wrench
FTKA0307	TW09S

• Available Inserts



Designation	Coated										Cermet			Uncoated			
	NCM325	NCM335	NC5330	PC3500	PC3300	PC3345	PC3530	PC6510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
L NEX 100605PNR-MF				•	•					•							
L NMX 100605PNR-MF				•	•					•							
L NEX 100605PNR-MM				•	•					•							
L NMX 100605PNR-MM				•	•	•	•	•	•	•							
L NEX 100608PNR-MF				•						•							
L NMX 100608PNR-MF				•						•							
L NEX 100608PNR-MM				•						•							
L NMX 100608PNR-MM				•						•							
L NEX 100605PNR-MA					•											•	
L NEX 100605PNL-MM					•												
L NMX 100605PNL-MM					•												

• : Stock item

RICH MILL SERIES

RM4PC(M)4000

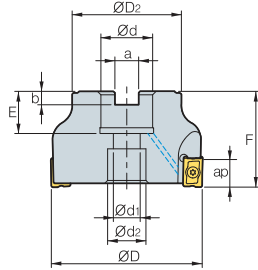
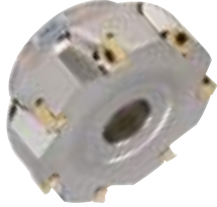


Fig. 1

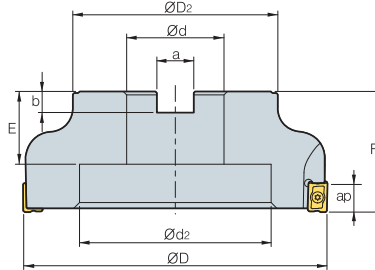
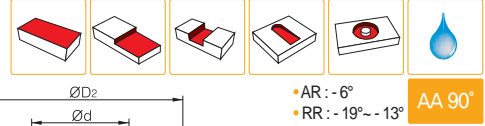


Fig. 2

(mm)



• AR : - 6°
• RR : - 19° - - 13°

AA 90°

Designation		ØD	ØD ₂	Ød	Ød ₁	Ød ₂	a	b	E	F	ap		Bolt	Fig.	
RM4PC (RM4PCM)	4050HR	3	50	46	22	11	18	10.4	6.3	20	40	14	0.36	SB1025	1
	4050HR-M	4	50	46	22	11	18	10.4	6.3	20	40	14	0.35	SB1025	1
	4063HR	4	63	49	22	11	18	10.4	6.3	20	40	14	0.56	SB1025	1
	4063HR-M	6	63	49	22	11	18	10.4	6.3	20	40	14	0.57	SB1025	1
	4080HR	5	80	57	25.4(27)	14	20	9.5(12.4)	6.0(7.0)	25(23)	50	14	1.18(1.16)	SB1230	1
	4080HR-M	7	80	57	25.4(27)	14	20	9.5(12.4)	6.0(7.0)	25(23)	50	14	1.17(1.14)	SB1230	1
	4100HR	5	100	67	31.75(32)	18	26	12.7(14.4)	8.0(8.0)	33(25)	63(50)	14	2.35(1.84)	SB1630	1
	4100HR-M	8	100	67	31.75(32)	18	26	12.7(14.4)	8.0(8.0)	33(25)	63(50)	14	2.31(1.82)	SB1630	1
	4125HR	7	125	87	38.1(40)	22	32	15.9(16.4)	10(9.0)	35(30)	63	14	3.87(3.79)	SB2040	1
	4125HR-M	10	125	87	38.1(40)	22	32	15.9(16.4)	10(9.0)	35(30)	63	14	3.82(3.70)	SB2040	1
	4160R	8	160	107	50.8(40)	-	100	19(16.4)	11(9.0)	38(32)	63	14	5.0(4.75)	MBA	2
	4160R-M	12	160	107	50.8(40)	-	100	19(16.4)	11(9.0)	38(32)	63	14	4.97(4.71)	MBA	2

• () Metric Size

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KORLOY
TECH-NEWS

RICH MILL
SERIES

• Parts

Screw	Wrench
FTKA0412B	TW15S

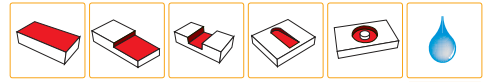
• Available Inserts

LNEX- MF	LNEX- MM	LNEX- MA
LNMX- MF	LNMX- MM	

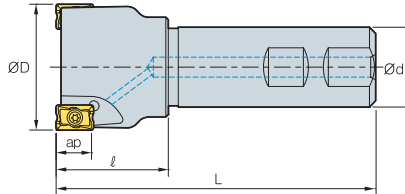
Designation	Coated							Cermet			Uncoated					
	NCM325	NCM335	NC5330	PC3500	PC3300	PC3545	PC9530	PC6510	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
LNEX 151004PNR-MF				•				•								
LNMX 151004PNR-MF				•				•								
LNEX 151004PNR-MM																
LNMX 151004PNR-MM																
LNEX 151008PNR-MF					•			•								
LNMX 151008PNR-MF					•	•		•								
LNEX 151008PNR-MM					•	•		•								
LNMX 151008PNR-MM					•	•	•	•	•							
LNEX 151016PNR-MF																
LNMX 151016PNR-MF																
LNEX 151016PNR-MM																
LNMX 151016PNR-MM						•										
LNEX 151004PNR-MA																•
LNEX 151008PNR-MA																•
LNEX 151008PNL-MM																
LNMX 151008PNL-MM																

• : Stock item

RM4PS3000



• AR : - 6°
• RR : - 39° - - 16°
AA 90°



(mm)

Designation		ØD	Ød	l	L	ap	
RM4PS 3014HR-S16	1	14	16	23	90	9.0	0.11
3016HR-S16	1	16	16	25	90	9.0	0.11
3018HR-S16	2	18	16	23	90	9.0	0.12
3020HR-S20	2	20	20	30	100	9.0	0.21
3020HR-S20M	3	20	20	30	100	9.0	0.21
3025HR-S25	2	25	25	35	115	9.0	0.38
3025HR-S25M	3	25	25	35	115	9.0	0.38
3032HR-S32	3	32	32	40	125	9.0	0.69
3032HR-S32M	4	32	32	40	125	9.0	0.7
3040HR-S32	4	40	32	42	130	9.0	0.86
3040HR-S32M	5	40	32	42	130	9.0	0.85
3040HR-S40	4	40	40	42	130	9.0	1.17
3040HR-S40M	5	40	40	42	130	9.0	1.17
3040HR-S42	4	40	42	42	130	9.0	1.26
3040HR-S42M	5	40	42	42	130	9.0	1.25
3050HR-S32	5	50	32	45	135	9.0	1.06
3050HR-S32M	7	50	32	45	135	9.0	1.05
3050HR-S40	5	50	40	45	135	9.0	1.38
3050HR-S40M	7	50	40	45	135	9.0	1.37
3050HR-S42	5	50	42	45	135	9.0	1.48
3050HR-S42M	7	50	42	45	135	9.0	1.48

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KORLOY
TECH-NEWS

RICH MILL
SERIES

• Parts

Screw	Wrench
FTKA0307	TW09S

• Available Inserts

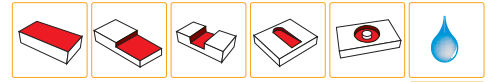
LNEX- MF	LNEX- MM	LNMX- MF	LNEX- MA	LNMX- MM

Designation	Coated							Cermet		Uncoated							
	NCM325	NCM335	NC8330	PC8500	PC8500	PC8545	PC8530	PC8510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
LNEX 100605PNR-MF				•	•				•								
LNMX 100605PNR-MF				•	•				•								
LNEX 100605PNR-MM				•	•				•								
LNMX 100605PNR-MM				•	•	•	•		•								
LNEX 100608PNR-MF				•					•								
LNMX 100608PNR-MF				•					•								
LNEX 100608PNR-MM				•					•								
LNMX 100608PNR-MM				•					•								
LNMX 100608PNR-MM				•					•								
LNEX 100605PNR-MA																	•
LNEX 100605PNL-MM									•								
LNMX 100605PNL-MM				•					•								

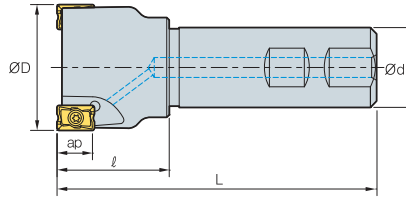
• : Stock item

RICH MILL SERIES

RM4PS4000



• AR : - 6°
• RR : - 24° - - 14°
AA 90°



(mm)

Designation		ØD	Ød	l	L	ap	kg	
RM4PS	4032HR-S32	2	32	32	40	125	14	0.68
	4040HR-S32	3	40	32	42	125	14	0.83
	4040HR-S40	3	40	40	42	125	14	1.14
	4040HR-S42	3	40	42	42	125	14	1.23
	4050HR-S32	3	50	32	45	125	14	1.02
	4050HR-S32M	4	50	32	45	125	14	1.02
	4050HR-S40	3	50	40	45	125	14	1.35
	4050HR-S40M	4	50	40	45	125	14	1.34
	4050HR-S42	3	50	42	45	125	14	1.45
	4050HR-S42M	4	50	42	45	125	14	1.45
	4063HR-S32	4	63	32	45	125	14	1.25
	4063HR-S32M	6	63	32	45	125	14	1.24
	4063HR-S40	4	63	40	45	125	14	1.62
	4063HR-S40M	6	63	40	45	125	14	1.61
	4063HR-S42	4	63	42	45	125	14	1.71
4063HR-S42M	6	63	42	45	125	14	1.7	

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KORLOY
TECH-NEWS

RICH MILL
SERIES

• Parts

Screw	Wrench
FTKA0307	TW09S

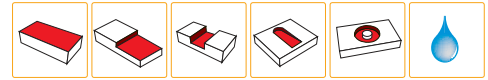
• Available Inserts

LNEX- MF	LNEX- MM	LNMX- MF	LNEX- MA	LNMX- MM

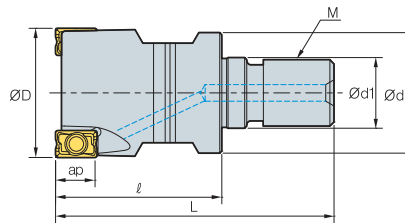
Designation	Coated							Cermet			Uncoated						
	NCM325	NCM335	NC5330	PC3500	PC5300	PC5545	PC5550	PC6510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
LNEX 151004PNR-MF				•				•									
LNMX 151004PNR-MF				•				•									
LNEX 151004PNR-MM																	
LNMX 151004PNR-MM																	
LNEX 151008PNR-MF					•			•									
LNMX 151008PNR-MF				•	•			•									
LNEX 151008PNR-MM				•	•			•									
LNMX 151008PNR-MM				•	•	•	•	•									
LNEX 151016PNR-MF																	
LNMX 151016PNR-MF																	
LNEX 151016PNR-MM																	
LNMX 151016PNR-MM				•													
LNEX 151004PNR-MA																	•
LNEX 151008PNR-MA																	•

• : Stock item

RM4PM



• AR : -6°
• RR : -39°--16°
AA 90°



(mm)

Designation		ØD	Ød	Ød ₁	l	L	M	ap	
RM4PM	3014HR-M06	1	14	12	6.5	25	M06	9.0	0.02
	3016HR-M08	1	16	14.5	8.5	25	M08	9.0	0.02
	3018HR-M08	2	18	14.5	8.5	25	M08	9.0	0.03
	3020HR-M10	2	20	18	10.5	30	M10	9.0	0.06
	3025HR-M12	2	25	23	12.5	35	M12	9.0	0.11
	3032HR-M16	3	32	28	17	40	M16	9.0	0.21
	3040HR-M16	4	40	28	17	40	M16	9.0	0.26
	3050HR-M16	5	50	30	17	45	M16	9.0	0.41

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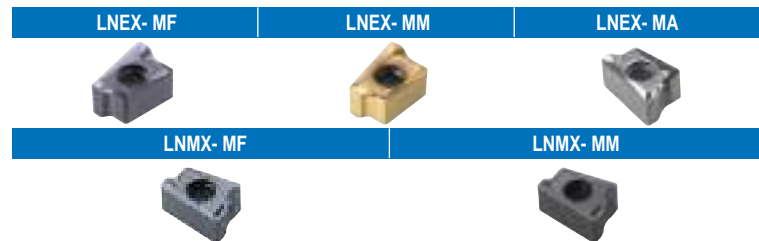
KORLOY
TECH-NEWS

RICH MILL
SERIES

• Parts

Screw	Wrench
 FTKA0307	 TW09S

• Available Inserts

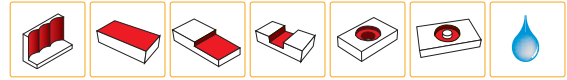


Designation	Coated								Cermet			Uncoated					
	NCM325	NCM335	NC5330	PC3500	PC5300	PC3545	PC3530	PC6510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
L NEX 100605PNR-MF				•	•				•								
L NMX 100605PNR-MF				•	•				•								
L NEX 100605PNR-MM				•	•				•								
L NMX 100605PNR-MM				•	•	•	•		•								
L NEX 100608PNR-MF				•													
L NMX 100608PNR-MF									•								
L NEX 100608PNR-MM									•								
L NMX 100608PNR-MM				•													
L NEX 100605PNR-MA																	•
L NEX 100605PNL-MM									•								
L NMX 100605PNL-MM				•					•								

• : Stock item

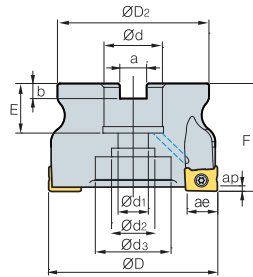
RICH MILL SERIES

RM4ZC(M)3000/4000



• AR : - 11°
• RR : - 12° - - 10°

AA 90°



(mm)

Designation			ØD	ØD ₂	Ød	Ød ₁	Ød ₂	Ød ₃	a	b	E	F	ap	ae	
RM4ZCM	3040HR	4	40	37	16	9	14	-	8.4	5.6	19	40	1.5	9.0	0.21
	3050HR	5	50	47	22	11	18	-	10.4	6.3	20	40	1.5	9.0	0.33
	3052HR	5	52	48	22	11	18	-	10.4	6.3	20	40	1.5	9.0	0.37
RM4ZC (RM4PCM)	4063HR	5	63	58	22	11	18	-	10.4	6.3	20	40	2.5	14.0	0.56
	4066HR	5	66	61	25.4(27)	14	20	-	9.5(12.4)	6(7)	25	50	2.5	14.0	0.74
	4080HR	6	80	70	25.4(27)	14	20	35	9.5(12.4)	6(7)	25(23)	50	2.5	14.0	1.09
	4100HR	7	100	80	31.75(32)	18	26	42	12.7(14.4)	8(8)	25(33)	63(50)	2.5	14.0	1.71

• () Metric Size

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KORLOY
TECH-NEWS

RICH MILL
SERIES

• Parts

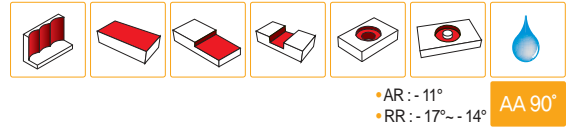
Type	Screw	Wrench
3000 Type	FTKA0307	TW09S
4000 Type	FTKA0412B	TW15S

• Available Inserts

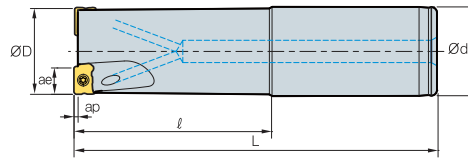
		LNEX- MM							LNMX- MM									
Type	Designation	Coated							Cermet			Uncoated						
		NCM325	NCM335	NC5330	PC3500	PC5300	PC3545	PC9530	PC6510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
3000 Type	LNEX 100605PNL-MM																	
	LNMX 100605PNL-MM							●										
4000 Type	LNEX 151008PNL-MM																	
	LNMX 151008PNL-MM																	

● : Stock item

RM4ZS3000



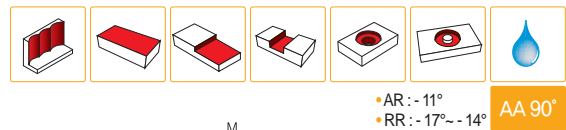
• AR : - 11°
• RR : - 17° ~ - 14°
AA 90°



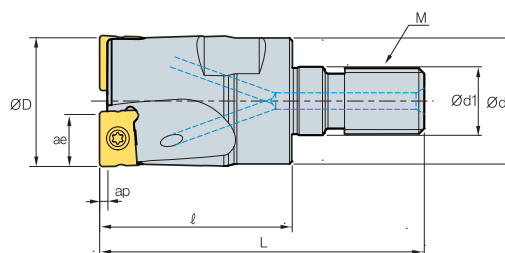
(mm)

Designation			ØD	Ød	l	L	ap	ae	
RM4ZS	3025HR-L25	2	25	25	120	200	1.5	9.0	0.62
	3032HR-L32	3	32	32	120	210	1.5	9.0	1.13
	3040HR-L32	4	40	32	120	250	1.5	9.0	1.53

RM4ZM3000



• AR : - 11°
• RR : - 17° ~ - 14°
AA 90°



(mm)

Designation			ØD	Ød	Ød ₁	l	L	M	ap	ae	
RM4ZM	3025HR-M12	2	25	23	12.5	35	59	M12	1.5	9.0	0.11
	3032HR-M16	3	32	29	17	40	67	M16	1.5	9.0	0.21
	3040HR-M16	4	40	29	17	40	67	M16	1.5	9.0	0.28

• Parts

Screw	Wrench
FTKA0307	TW09S

• Available Inserts

Designation	Coated										Cermet		Uncoated				
	NCM325	NCM335	NC5330	PC3500	PC3300	PC3545	PC3530	PC6510	PC715K	PD2000	CN2000	CN20	CN60	H01	G10E	A30	ST20E
LNEX 100605PNL-MF									•								
LNMX 100605PNL-MF				•					•								

• : Stock item

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KORLOY
TECH-NEWS

RICH MILL
SERIES

RICH MILL SERIES

RM16AC(M)6000

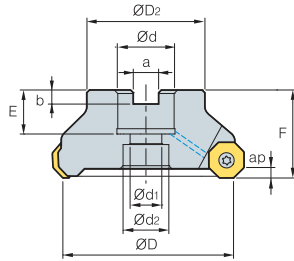


Fig. 1

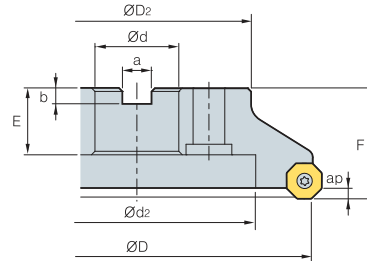
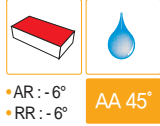


Fig. 2



(mm)

Designation		ØD	ØD ₂	Ød	Ød ₁	Ød ₂	a	b	E	F	ap		Fig.
RM16AC(M) 6063HR-M	5	63	49	22	11	18	10.4	6.3	20	40	4.0	0.7	1
6080HR-M	6	80	57	25.4(27)	14	20	9.5(12.4)	6(7)	25(23)	50	4.0	1.2	1
6100HR-M	7	100	67	31.75(32)	18	26	12.7(14.4)	8	33(25)	63(50)	4.0	1.9	1
6125HR-M	8	125	87	38.1(40)	22	32	15.9(16.4)	10(9)	35(29)	63	4.0	3.5	1
6160R-M	10	160	107	50.8(40)	-	107	19(16.4)	11(9)	38(32)	63	4.0	4.1	2
6200R-M	12	200	130	47.625(60)	-	135	25.4(25.7)	14	38(32)	63	4.0	6.1	2
6250R-M	15	250	180	47.625(60)	-	180	25.4(25.7)	14	38	63	4.0	11.5	2
6315R-M	20	315	240	47.625(60)	-	238	25.4(25.7)	14	38	63	4.0	18.9	2
6400R-M	26	400	260	47.625(60)	-	238	25.4(25.7)	14	38	80	4.0	32.7	2

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KORLOY
TECH-NEWS

RICH MILL
SERIES

• () Metric Size

• Parts

Screw	Wrench
FTGA0513	TW20-100

• Available Inserts

ONHX- MF	ONHX- MM	ONHX- W
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ONHX- MA	ONMX- MF	ONMX- MM
----------	----------	----------



Designation	Coated								Cermet			Uncoated					
	NCM325	NCM335	NC3330	PC3500	PC3300	PC3545	PC3530	PC6510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
ONMX 060608-MM																	
ONHX 060608-MM																	
ONMX 060608-MF																	
ONHX 060608-MF																	
ONHX 060608-W																	
ONMX 0606ANN-MM																	
ONHX 0606ANN-MM																	
ONMX 0606ANN-MF																	
ONHX 0606ANN-MF																	
ONHX 060608-MA																	

• : Stock item

RM16AC(M)8000

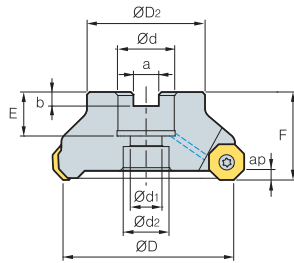


Fig. 1

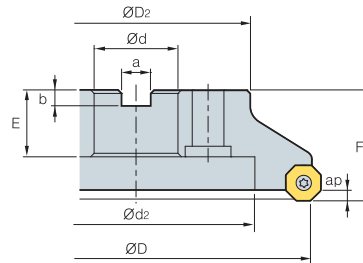
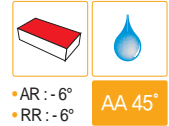


Fig. 2



• AR : - 6°
• RR : - 6°

AA 45°

(mm)

Designation		ØD	ØD ₂	Ød	Ød ₁	Ød ₂	a	b	E	F	ap		Fig.
RM16AC(M) 8063HR-M	5	63	49	22	11	18	10.4	6.3	20	40	5.5	0.7	1
8080HR-M	6	80	57	25.4(27)	14	20	9.5(12.4)	6(7)	25(23)	50	5.5	1.2	1
8100HR-M	7	100	67	31.75(32)	18	26	12.7(14.4)	8	33(25)	63(50)	5.5	1.8	1
8125HR-M	8	125	87	38.1(40)	22	32	15.9(16.4)	10(9)	35(29)	63	5.5	3.5	1
8160R-M	10	160	107	50.8(40)	-	107	19(16.4)	11(9)	38(32)	63	5.5	4.5	2
8200R-M	12	200	130	47.625(60)	-	135	25.4(25.7)	14(14)	38(32)	63	5.5	5.8	2
8250R-M	14	250	180	47.625(60)	-	180	25.4(25.7)	14	38	63	5.5	11.4	2
8315R-M	18	215	240	47.625(60)	-	238	25.4(25.7)	14	38	63	5.5	18.8	2
8400R-M	24	400	260	47.625(60)	-	238	25.4(25.7)	14	38	80	5.5	32.7	2

• () Metric Size

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KORLOY
TECH-NEWS

RICH MILL
SERIES

• Parts

Screw	Wrench
FTGA0513	TW20- 100

• Available Inserts

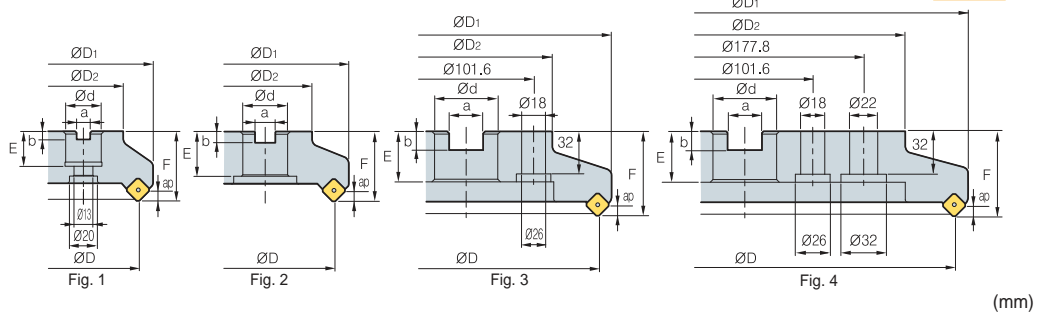
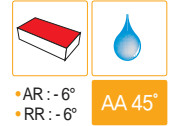
ONHX- MF	ONHX- MM	ONHX- W
ONHX- MA	ONMX- MF	ONMX- MM

Designation	Coated								Cermet			Uncoated				
	NCM325	NCM335	NC5330	PC5300	PC5345	PC9530	PC6510	PC219K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
ONMX 080608-MM				•	•			•	•							
ONHX 080608-MM																
ONMX 080608-MF																
ONHX 080608-MF																
ONHX 080608-W																
ONMX 0806ANN-MM																
ONHX 0806ANN-MM																
ONMX 0806ANN-MF																
ONHX 0806ANN-MF																
ONHX 080608-MA																•

• : Stock item

RICH MILL SERIES

RMT8A(M)4000



Designation		ØD	ØD ₁	ØD ₂	Ød	a	b	E	F	ap		Fig.	
RMT8A(M)	4080R	5	80	100	57	25.4(27)	9.5(12.4)	6(7)	25(22)	50	4	1.6	1
	4080R-M	6	80	100	57	25.4(27)	9.5(12.4)	6(7)	25(22)	50	4	1.6	1
	4100R	6	100	120	70	31.75(32)	12.7(14.4)	8(8)	32(28)	50	4	2.3	2
	4100R-M	8	100	120	70	31.75(32)	12.7(14.4)	8(8)	32(28)	50	4	2.3	2
	4125R	8	125	144	87	38.1(40)	15.9(16.4)	10(9)	38(30)	63	4	4.3	2
	4125R-M	10	125	144	87	38.1(40)	15.9(16.4)	10(9)	38(30)	63	4	4.3	2
	4160R	10	160	179	110	50.8(40)	19.0(16.4)	11(9)	38(30)	63	4	6.5	2
	4160R-M	14	160	179	110	50.8(40)	19.0(16.4)	11(9)	38(30)	63	4	6.5	2
	4200R	12	200	219	130	47.625(60)	25.4(25.7)	14(14)	38(38)	63	4	8.8	3
	4200R-M	18	200	219	130	47.625(60)	25.4(25.7)	14(14)	38(38)	63	4	8.8	3
	4250R	16	250	269	180	47.625(60)	25.4(25.7)	14(14)	38(38)	63	4	14.1	3
	4250R-M	22	250	269	180	47.625(60)	25.4(25.7)	14(14)	38(38)	63	4	14.1	3
	4315R	20	315	334	240	47.625(60)	25.4(25.7)	14(14)	38(38)	63	4	22.3	4
	4315R-M	28	315	334	240	47.625(60)	25.4(25.7)	14(14)	38(38)	63	4	22.3	4

• () Metric Size

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KORLOY
TECH-NEWS

RICH MILL
SERIES

• Parts

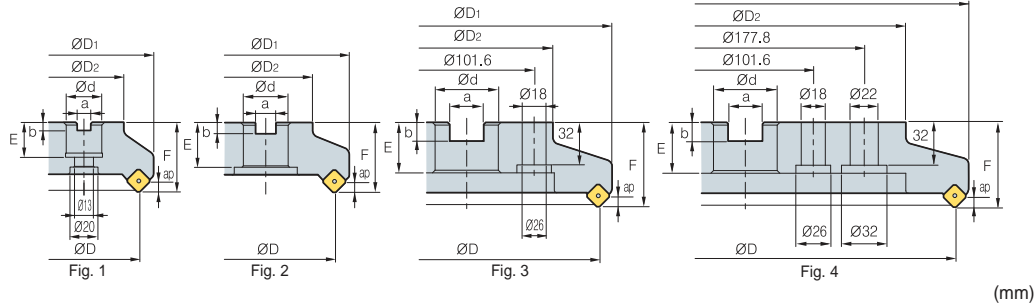
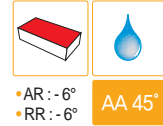
ETKA0523	KHB0417	
SPR0315	LTC05SR- RM4	TW20- 100

• Available Inserts

		SNC(M)F- MF							SNC(M)F- MM								
Designation		Coated							Cermet		Uncoated						
		NCM325	NCM335	NC5330	PC5500	PC5545	PC5530	PC5510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
SNCF	1206ANN-MF																
	1206ANN-MM																
SNMF	1206ANN-MF																
	1206ANN-MM																

• : Stock item

RMT8A(M)5000



(mm)

Designation		ØD	ØD ₁	ØD ₂	Ød	a	b	E	F	ap		Fig.	
RMT8A(M)	5080R	5	80	104	57	25.4(27)	9.5(12.4)	6(7)	25(22)	50	6	1.8	1
	5080R-M	6	80	104	57	25.4(27)	9.5(12.4)	6(7)	25(22)	50	6	1.8	1
	5100R	6	100	124	70	31.75(32)	12.7(14.4)	8(8)	32(28)	50	6	2.6	2
	5100R-M	8	100	124	70	31.75(32)	12.7(14.4)	8(8)	32(28)	50	6	2.6	2
	5125R	8	125	149	87	38.1(40)	15.9(16.4)	10(9)	38(30)	63	6	4.3	2
	5125R-M	10	125	149	87	38.1(40)	15.9(16.4)	10(9)	38(30)	63	6	4.3	2
	5160R	10	160	184	110	50.8(40)	19.0(16.4)	11(9)	38(30)	63	6	6.5	2
	5160R-M	14	160	184	110	50.8(40)	19.0(16.4)	11(9)	38(30)	63	6	6.5	2
	5200R	12	200	224	130	47.625(60)	25.4(25.7)	14(14)	38(38)	63	6	9.0	3
	5200R-M	18	200	224	130	47.625(60)	25.4(25.7)	14(14)	38(38)	63	6	9.0	3
	5250R	16	250	274	180	47.625(60)	25.4(25.7)	14(14)	38(38)	63	6	14.4	3
	5250R-M	22	250	274	180	47.625(60)	25.4(25.7)	14(14)	38(38)	63	6	14.4	3
	5315R	20	315	339	240	47.625(60)	25.4(25.7)	14(14)	38(38)	63	6	22.2	4
	5315R-M	28	315	339	240	47.625(60)	25.4(25.7)	14(14)	38(38)	63	6	22.2	4

• () Metric Size

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KORLOY
TECH-NEWS

RICH MILL
SERIES

• Parts

	Screw	
ETKA0625	KHB0417	
SPR0415	LTC06SR- RM5	TW20- 100

• Available Inserts

		SNC(M)F- MF								SNC(M)F- MM								
Designation		Coated								Cermet		Uncoated						
		NCM325	NCM335	NC5330	PC3500	PC5300	PC5545	PC5550	PC6510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
SNCF	1507ANN-MF																	
	1507ANN-MM																	
SNMF	1507ANN-MF																	
	1507ANN-MM																	

• : Stock item

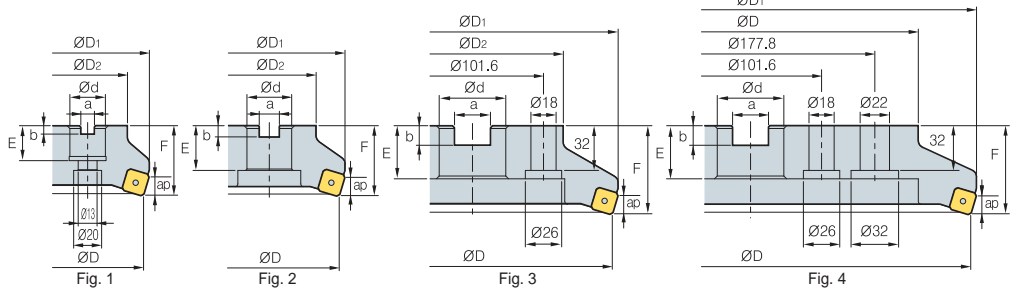
RICH MILL SERIES

RMT8E(M)4000



• AR : -6°
• RR : -8°--6°

AA 75°



(mm)

Designation		ØD	ØD ₁	ØD ₂	Ød	a	b	E	F	ap		Fig.
RMT8E(M) 4080R	5	80	100	57	25.4(27)	9.5(12.4)	6(7)	25(22)	50	5	1.5	1
4080R-M	6	80	100	57	25.4(27)	9.5(12.4)	6(7)	25(22)	50	5	1.5	1
4100R	6	100	120	70	31.75(32)	12.7(14.4)	8(8)	32(28)	50	5	2	2
4100R-M	8	100	120	70	31.75(32)	12.7(14.4)	8(8)	32(28)	50	5	2	2
4125R	8	125	144	87	38.1(40)	15.9(16.4)	10(9)	38(30)	63	5	3.8	2
4125R-M	10	125	144	87	38.1(40)	15.9(16.4)	10(9)	38(30)	63	5	3.8	2
4160R	10	160	179	110	50.8(40)	19.0(16.4)	11(9)	38(30)	63	5	5.8	2
4160R-M	14	160	179	110	50.8(40)	19.0(16.4)	11(9)	38(30)	63	5	5.8	2
4200R	12	200	219	130	47.625(60)	25.4(25.7)	14(14)	38(38)	63	5	7.9	3
4200R-M	18	200	219	130	47.625(60)	25.4(25.7)	14(14)	38(38)	63	5	7.9	3
4250R	16	250	269	180	47.625(60)	25.4(25.7)	14(14)	38(38)	63	5	13.0	3
4250R-M	22	250	269	180	47.625(60)	25.4(25.7)	14(14)	38(38)	63	5	13.0	3
4315R	20	315	334	240	47.625(60)	25.4(25.7)	14(14)	38(38)	63	5	20.5	4
4315R-M	28	315	334	240	47.625(60)	25.4(25.7)	14(14)	38(38)	63	5	20.5	4

• () Metric Size

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KORLOY
TECH-NEWS

RICH MILL
SERIES

• Parts

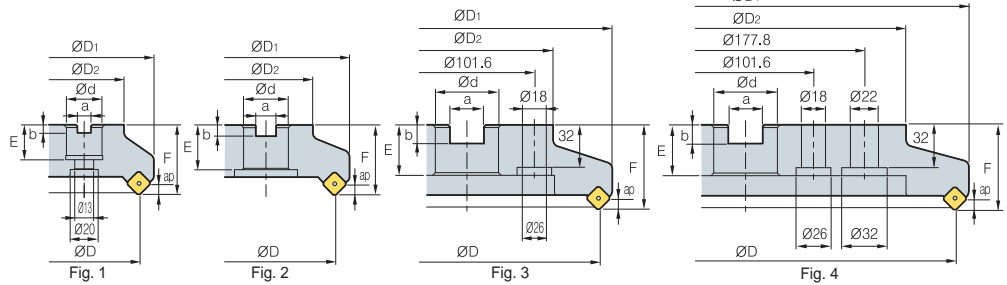
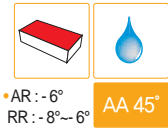
ETKA0523	KHB0417	
SPR0315	LTC05SR- RM4	TW20- 100

• Available Inserts

		SNC(M)F- MF							SNC(M)F- MM								
Designation		Coated							Cermet			Uncoated					
		NCM325	NCM335	NC5330	PC5300	PC3545	PC8530	PC6510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
SNCF	1206ENN-MF																
	1206ENN-MM																
SNMF	1206ENN-MF																
	1206ENN-MM																

• : Stock item

RMT8E(M)5000



(mm)

Designation		ØD	ØD ₁	ØD ₂	Ød	a	b	E	F	ap		Fig.
RMT8E(M) 5080R	5	80	88	57	25.4(27)	9.5(12.4)	6(7)	25(22)	50	8	1.4	1
5080R-M	6	80	88	57	25.4(27)	9.5(12.4)	6(7)	25(22)	50	8	1.4	1
5100R	6	100	108	67	31.75(32)	12.7(14.4)	8(8)	32(28)	50	8	1.9	2
5100R-M	8	100	108	67	31.75(32)	12.7(14.4)	8(8)	32(28)	50	8	1.9	2
5125R	8	125	133	87	38.1(40)	15.9(16.4)	10(9)	38(30)	63	8	3.7	2
5125R-M	10	125	133	87	38.1(40)	15.9(16.4)	10(9)	38(30)	63	8	3.7	2
5160R	10	160	168	107	50.8(40)	19.0(16.4)	11(9)	38(30)	63	8	5.7	2
5160R-M	14	160	168	107	50.8(40)	19.0(16.4)	11(9)	38(30)	63	8	5.7	2
5200R	12	200	208	130	47.625(60)	25.4(25.7)	14(14)	38(38)	63	8	7.5	3
5200R-M	18	200	208	130	47.625(60)	25.4(25.7)	14(14)	38(38)	63	8	7.5	3
5250R	16	250	258	180	47.625(60)	25.4(25.7)	14(14)	38(38)	63	8	12.4	3
5250R-M	22	250	258	180	47.625(60)	25.4(25.7)	14(14)	38(38)	63	8	12.4	3
5315R	20	315	323	240	47.625(60)	25.4(25.7)	14(14)	38(38)	63	8	19.9	4
5315R-M	28	315	323	240	47.625(60)	25.4(25.7)	14(14)	38(38)	63	8	19.9	4

• () Metric Size

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KORLOY
TECH-NEWS

RICH MILL
SERIES

• Parts

	Screw	
ETKA0625	KHB0417	
SPR0415	LTC06SR- RM5	TW20- 100

• Available Inserts

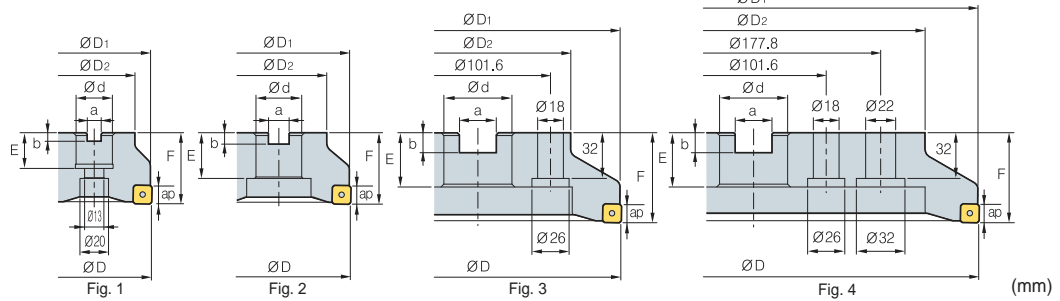
Designation	SNC(M)F- MF							SNC(M)F- MM									
	NCM325	NCM335	NC5330	PC3500	PC5300	PC3545	PC9330	PC6510	PC215K	PD2000	CA2000	CA20	CA30	H01	G10E	A30	ST20E
SNCF 1507ENN-MF																	
1507ENN-MM																	
SNMF 1507ENN-MF																	
1507ENN-MM																	

• : Stock item

RMT8Q(M)



• AR : -6°
• RR : -11°~6°
AA 88°



Designation		ØD	ØD ₁	ØD ₂	Ød	a	b	E	F	ap	kg	Fig.	
RMT8Q(M)	4080R	5	80	79	57	25.4(27)	9.5(12.4)	6(7)	25(22)	50	5	1.4	1
	4080R-M	6	80	79	57	25.4(27)	9.5(12.4)	6(7)	25(22)	50	5	1.4	1
	4100R	6	100	99	67	31.75(32)	12.7(14.4)	8(8)	32(28)	50	5	1.8	2
	4100R-M	8	100	99	67	31.75(32)	12.7(14.4)	8(8)	32(28)	50	5	1.8	2
	4125R	8	125	124	87	38.1(40)	15.9(16.4)	10(9)	38(30)	63	5	3.6	2
	4125R-M	10	125	124	87	38.1(40)	15.9(16.4)	10(9)	38(30)	63	5	3.6	2
	4160R	10	160	159	107	50.8(40)	19.0(16.4)	11(9)	38(30)	63	5	5.7	2
	4160R-M	14	160	159	107	50.8(40)	19.0(16.4)	11(9)	38(30)	63	5	5.7	2
	4200R	12	200	199	130	47.625(60)	25.4(25.7)	14(14)	38(38)	63	5	7.5	3
	4200R-M	18	200	199	130	47.625(60)	25.4(25.7)	14(14)	38(38)	63	5	7.5	3
	4250R	16	250	249	180	47.625(60)	25.4(25.7)	14(14)	38(38)	63	5	12.5	3
	4250R-M	22	250	249	180	47.625(60)	25.4(25.7)	14(14)	38(38)	63	5	12.5	3
	4315R	20	315	314	240	47.625(60)	25.4(25.7)	14(14)	38(38)	63	5	19.9	4
	4315R-M	28	315	314	240	47.625(60)	25.4(25.7)	14(14)	38(38)	63	5	19.9	4

• () Metric Size

Parts

Screw	Screw	
ETKA0523	KHB0417	
Spring	Latch	Wrench
SPR0315	LTC05SR- RM4	TW20- 100

Available Inserts

		SNC(M)F- MF						SNC(M)F- MM									
Designation		Coated						Cermet			Uncoated						
		NCM325	NCM335	NC5330	PC3500	PC3300	PC3345	PC6510	PC215K	PD2000	CN2000	CN20	CN30	H01	G10E	A30	ST20E
SNMF	1206QNN-MF				•												
	1206QNN-MM				•												

• : Stock item

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