

Quality, Performance, Value - Guaranteed!



KORLOY

Kit ***Collection***

Milling Kit + Turning Kit





Korloy Inc. was founded in 1966, and is a total cutting tool manufacturer specializing in uncoated, coated(CVD, PVD), and cermet inserts.

Our goal is to become the global leader through constant innovation and overcoming new challenges. Continuous investment in our R&D center in Korea has resulted in innovative products and global-leading technologies which are exported to over 80 countries worldwide.

Korloy Inc. continuously endeavours to grow as a global representative of Korea.

We humbly appreciate your on-going interest for Korloy Inc.

 **KORLOY AMERICA Inc.**

MILLING KIT DETAIL SPEC

ALPHA MILL

Kit KP Code	Designation	Diameter	Shank	Arbor	Teeth
1-09-021887	AMSA15100HS	1.000	1.000	-	3
1-09-021881	AMCA15200HS	2.000	-	0.750	6
1-09-021888	AMSA2050HS	0.500	0.625	-	1
1-09-021889	AMSA2075HS	0.750	0.750	-	2
1-09-021890	AMSA2100HS	1.000	1.000	-	3
1-09-021882	AMCA2200HS	2.000	-	0.750	6
1-09-021883	AMCA2300HS	3.000	-	1.000	10
1-09-021891	AMSA3100HS	1.000	1.000	-	2
1-09-021892	AMSA3150HS	1.500	1.250	-	4
1-09-021884	AMCA3200HS	2.000	-	0.750	5
1-09-021885	AMCA3300HS	3.000	-	1.000	7
1-09-021886	AMCA3400HS	4.000	-	1.250	8

RICH MILL

Kit KP Code	Designation	Diameter	Shank	Arbor	Teeth
1-09-021844	RM4PSA3075HR-S075	0.750	0.750	-	2
1-09-021845	RM4PSA3100HR-S100	1.000	1.000	-	2
1-09-021846	RM4PSA3125HR-S125	1.250	1.250	-	3
1-09-021847	RM4PSA3150HR-S150	1.500	1.500	-	4
1-09-021838	RM4PCA3200HR	2.000	-	0.750	5
1-09-021839	RM4PCA3300HR	3.000	-	1.000	8
1-09-021840	RM4PCA3400H	4.000	-	1.250	9
1-09-021848	RM4PSA4125HR-S125	1.250	1.250	-	2
1-09-021849	RM4PSA4150HR-S150	1.500	1.500	-	3
1-09-021841	RM4PCA4200HR	2.000	-	0.750	3
1-09-021842	RM4PCA4300HR	3.000	-	1.000	5
1-09-021843	RM4PCA4400HR	4.000	-	1.250	5
1-09-021850	RM8ACA4200HR-M	2.000	0.750	-	4
1-09-021851	RM8ACA4300HR	3.000	-	1.000	5
1-09-021852	RM8ACA4400HR	4.000	-	1.250	6

PRO-X MILL

Kit KP Code	Designation	Diameter	Shank	Arbor	Teeth
1-09-021856	PAXSA5100HR-A	1.000	1.000	-	2
1-09-021857	PAXSA5125HR-A	1.250	1.250	-	2
1-09-021858	PAXSA5150HR-A	1.500	1.500	-	3
1-09-021853	PAXCA5200HR-A	2.000	-	0.750	4
1-09-021854	PAXCA5300HR-A	3.000	-	1.000	5
1-09-021855	PAXCA5400HR-A	4.000	-	1.250	6

HRMD - HIGH FEED MILL

Kit KP Code	Designation	Diameter	Shank	Arbor	Teeth
1-09-021866	HRMDSA09100HR-2M100	1.000	1.000	-	2
1-09-021867	HRMDSA09125HR-3M125	1.250	1.250	-	3
1-09-021868	HRMDSA09150HR-4M150	1.500	1.500	-	4
1-09-021859	HRMDCA09200HR-5	2.000	-	0.750	5
1-09-021860	HRMDCA09300HR-7	3.000	-	1.000	7
1-09-021861	HRMDCA09400HR-8	4.000	-	1.250	8
1-09-021869	HRMDSA13125HR-2M125	1.250	1.250	-	2
1-09-021870	HRMDSA13150HR-3M150	1.500	1.500	-	3
1-09-021862	HRMDCA13200HR-4	2.000	-	0.750	4
1-09-021863	HRMDCA13250HR-5	2.500	-	0.750	5
1-09-021864	HRMDCA13300HR-6	3.000	-	1.000	6
1-09-021865	HRMDCA13400HR-7	4.000	-	1.250	7



KORLOY
Kit Collection

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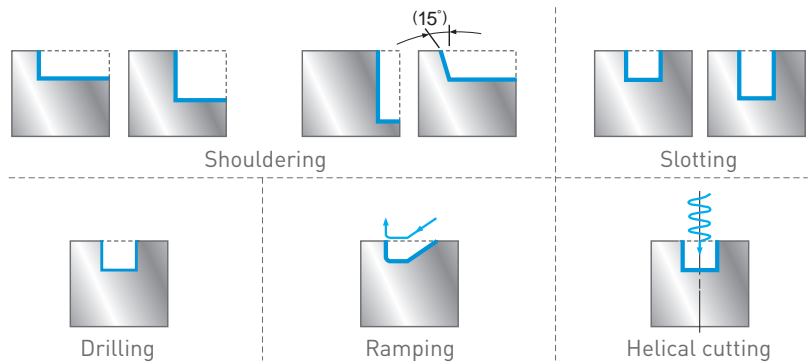
Alpha Mill



FEATURES

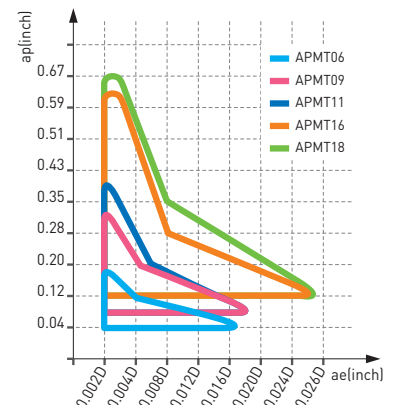
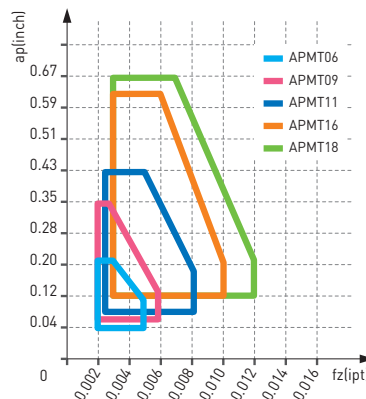
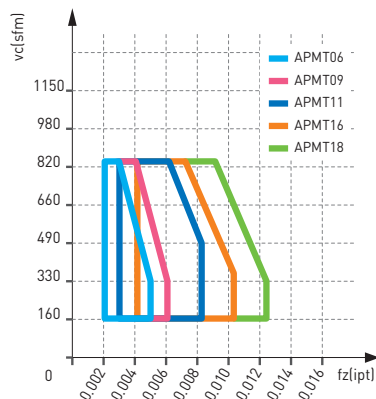
- New line-up Alpha Mill series is capable of high feed and deep depth of cutting through the usage of various inserts.
- Smaller inserts allow more cutting edges per diameter resulting in higher feed rates.
- Bigger inserts achieve better hardness and deeper depth of cut, resulting in material removal rate increase.

APPLICATION EXAMPLE



RECOMMENDED CUTTING CONDITIONS

- When machining 2d~3d with L/D=1~1.5D, it is suggested to use 70%-90% of the recommended cutting condition.
- When performing ramping, helical and slot cutting, it is suggested to use 70%-90% of the recommended cutting condition.
- If the machining condition increases to red line area as $ap=ae$, please use caution due to increase in breakage rate.



ALPHA MILL KIT COLLECTION

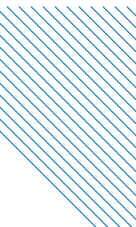


AMCA15200HS - KIT

Designation

Kit

KP Code	Designation	Composition		Qty.	Price
1-09-021887	AMSA15100HS-KIT	Tool Holder	AMSA15100HS	1	\$124.99
		INSERT	APMT0903PDSR-MM (PC5300)	20	
		PART	TW08S	1	
1-09-021881	AMCA15200HS-KIT	Tool Holder	AMCA15200HS	1	\$249.99
		INSERT	APMT0903PDSR-MM (PC5300)	30	
		PART	TW08S	1	
1-09-021888	AMSA2050HS-KIT	Tool Holder	AMSA2050HS	1	\$104.99
		INSERT	APMT11T3PDSR-MM (PC5300)	20	
		PART	TW08S	1	
1-09-021889	AMSA2075HS-KIT	Tool Holder	AMSA2075HS	1	\$114.99
		INSERT	APMT11T3PDSR-MM (PC5300)	20	
		PART	TW08S	1	
1-09-021890	AMSA2100HS-KIT	Tool Holder	AMSA2100HS	1	\$124.99
		INSERT	APMT11T3PDSR-MM (PC5300)	20	
		PART	TW08S	1	
1-09-021882	AMCA2200HS-KIT	Tool Holder	AMCA2200HS	1	\$239.99
		INSERT	APMT11T3PDSR-MM (PC5300)	30	
		PART	TW08S	1	
1-09-021883	AMCA2300HS-KIT	Tool Holder	AMCA2300HS	1	\$299.99
		INSERT	APMT11T3PDSR-MM (PC5300)	30	
		PART	TW08S	1	
1-09-021891	AMSA3100HS-KIT	Tool Holder	AMSA3100HS	1	\$149.99
		INSERT	APMT1604PDSR-MM (PC5300)	20	
		PART	TW15S	1	
1-09-021892	AMSA3150HS-KIT	Tool Holder	AMSA3150HS	1	\$194.99
		INSERT	APMT1604PDSR-MM (PC5300)	20	
		PART	TW15S	1	
1-09-021884	AMCA3200HS-KIT	Tool Holder	AMCA3200HS	1	\$264.99
		INSERT	APMT1604PDSR-MM (PC5300)	30	
		PART	TW15S	1	
1-09-021885	AMCA3300HS-KIT	Tool Holder	AMCA3300HS	1	\$314.99
		INSERT	APMT1604PDSR-MM (PC5300)	30	
		PART	TW15S	1	
1-09-021886	AMCA3400HS-KIT	Tool Holder	AMCA3400HS	1	\$349.99
		INSERT	APMT1604PDSR-MM (PC5300)	30	
		PART	TW15S	1	



Rich Mill

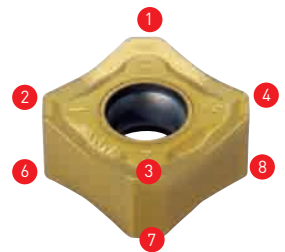


↓ FEATURES

- The innovative Rich Mill series provides more cutting edges through use of a double-sided insert and provides longer tool life.
- Available in both screw-on clamping system and latch clamping system.

↓ DOUBLE SIDED INSERT FEATURING 8 CUTTING EDGES

- A double sided insert results in greater efficiency than a single sided insert.
- The unique geometry and high rake angle of cutting edge guarantees excellent surface finish. Available for various work-pieces like steel, stainless steel, cast iron, and aluminum.
- Various pitches and chip breakers are available for diverse machining operation.



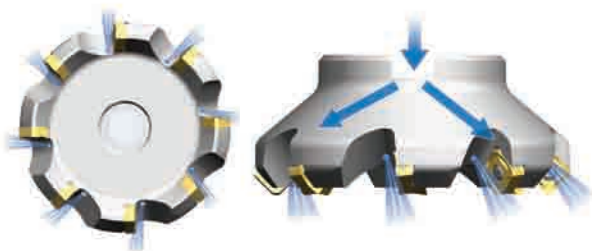
↓ ECONOMICAL DOUBLE SIDED INSERT FEATURING 4 CUTTING EDGES

- The RM4 is a multi-functional milling tool that utilizes an economical double sided insert with 4 cutting edges.
- Specially designed chip breaker consists of a high rake angle matched with a strong cutting edge to decrease the cutting load.
- Optimal matching of the special cutting edge geometry with a variety of new grades provides consistent and long tool life.



↓ THROUGH COOLANT SYSTEM

- Exclusive coolant bolt is adapted to achieve better chip evacuation and increase cooling. To achieve optimal chip evacuation, the direction of coolant injection has been designed to reach each individual cutting edge directly. Through coolant arbor is necessary to utilize this feature.



Through coolant system for decreasing cutting heat and effective chip evacuation

RICH MILL KIT COLLECTION



RM4PCA3200H - KIT

Designation

Kit

KP Code	Designation	Composition	Qty.	Price
1-09-021844	RM4PSA3075HR-S075-KIT	Tool Holder RM4PSA3075HR-S075	1	
		INSERT LNMX100605PNR-MM (PC5300)	20	\$159.99
		PART TW09S	1	
1-09-021845	RM4PSA3100HR-S100-KIT	Tool Holder RM4PSA3100HR-S100	1	
		INSERT LNMX100605PNR-MM (PC5300)	20	\$169.99
		PART TW09S	1	
1-09-021846	RM4PSA3125HR-S125-KIT	Tool Holder RM4PSA3125HR-S125	1	
		INSERT LNMX100605PNR-MM (PC5300)	20	\$194.99
		PART TW09S	1	
1-09-021847	RM4PSA3150HR-S150-KIT	Tool Holder RM4PSA3150HR-S150	1	
		INSERT LNMX100605PNR-MM (PC5300)	20	\$249.99
		PART TW09S	1	
1-09-021838	RM4PCA3200HR-KIT	Tool Holder RM4PCA3200HR	1	
		INSERT LNMX100605PNR-MM (PC5300)	30	\$299.99
		PART TW09S	1	
1-09-021839	RM4PCA3300HR-KIT	Tool Holder RM4PCA3300HR	1	
		INSERT LNMX100605PNR-MM (PC5300)	30	\$414.99
		PART TW09S	1	
1-09-021840	RM4PCA3400HR-KIT	Tool Holder RM4PCA3400HR	1	
		INSERT LNMX100605PNR-MM (PC5300)	30	\$469.99
		PART TW09S	1	
1-09-021848	RM4PSA4125HR-S125-KIT	Tool Holder RM4PSA4125HR-S125	1	
		INSERT LNMX151008PNR-MM (PC5300)	20	\$219.99
		PART TW15S	1	
1-09-021849	RM4PSA4150HR-S150-KIT	Tool Holder RM4PSA4150HR-S150	1	
		INSERT LNMX151008PNR-MM (PC5300)	20	\$269.99
		PART TW15S	1	
1-09-021841	RM4PCA4200HR-KIT	Tool Holder RM4PCA4200HR	1	
		INSERT LNMX151008PNR-MM (PC5300)	30	\$319.99
		PART TW15S	1	
1-09-021842	RM4PCA4300HR-KIT	Tool Holder RM4PCA4300HR	1	
		INSERT LNMX151008PNR-MM (PC5300)	30	\$429.99
		PART TW15S	1	
1-09-021843	RM4PCA4400HR-KIT	Tool Holder RM4PCA4400HR	1	
		INSERT LNMX151008PNR-MM (PC5300)	30	\$474.99
		PART TW15S	1	
1-09-021850	RM8ACA4200HR-M-KIT	Tool Holder RM8ACA4200HR-M	1	
		INSERT SNMX1206ANN-MM (PC5300)	30	\$314.99
		PART TW15S	1	
1-09-021851	RM8ACA4300HR-KIT	Tool Holder RM8ACA4300HR	1	
		INSERT SNMX1206ANN-MM (PC5300)	30	\$389.99
		PART TW15S	1	
1-09-021852	RM8ACA4400HR-KIT	Tool Holder RM8ACA4400HR	1	
		INSERT SNMX1206ANN-MM (PC5300)	30	\$439.99
		PART TW15S	1	

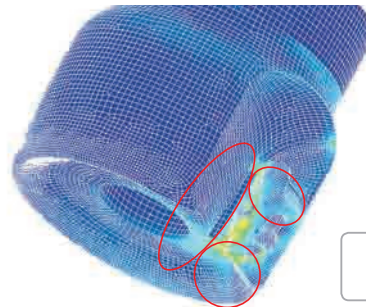
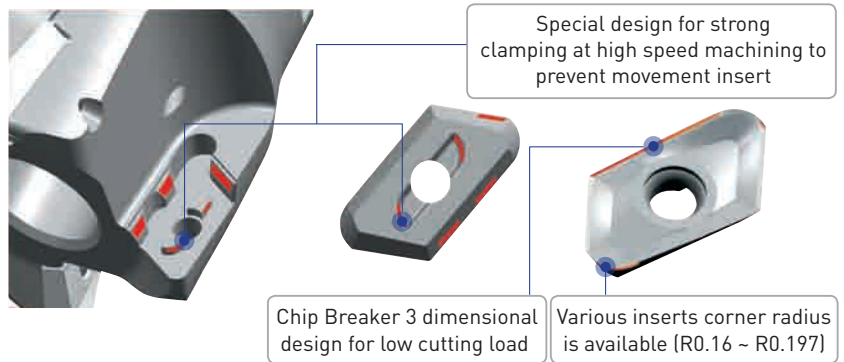
PRO-X Mill



↓ FEATURES

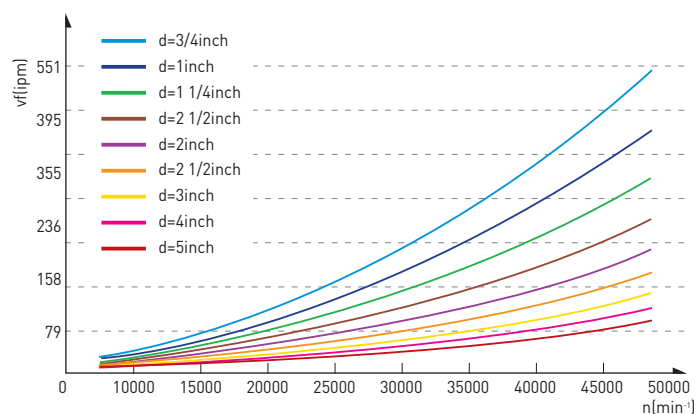
- Strong clamping due to the concave face of insert bottom side.
- Good chip flow and less build up edge are achieved through buffed surface of insert.
- High rake angle of insert provides good surface finish and low cutting load.
- Specially designed for high speed machining of aluminum.
- Suitable for square shouldering and curved surface machining.

↓ CLAMPING SYSTEM FOR HIGH SPEED



- Clamping design as per FEM analysis
- Strong clamping of insert

↓ CENTRIFUGAL FORCE AS PER RPM



- * Screw Torque = 4N·m
- * Indexable insert : 6.8g

PRO-X MILL KIT COLLECTION



PAXCA5200HR-A - KIT

Designation

Kit

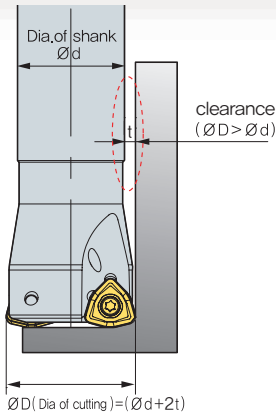
KP Code	Designation	Composition		Qty.	Price
1-09-021856	PAXSA5100HR-A-KIT	Holder	PAXSA5100HR-A	1	\$239.99
		INSERT	XEKT19M508FR-MA (H01)	20	
		PART	TW15S	1	
1-09-021857	PAXSA5125HR-A-KIT	Tool Holder	PAXSA5125HR-A	1	\$244.99
		INSERT	XEKT19M508FR-MA (H01)	20	
		PART	TW15S	1	
1-09-021858	PAXSA5150HR-A-KIT	Tool Holder	PAXSA5150HR-A	1	\$284.99
		INSERT	XEKT19M508FR-MA (H01)	20	
		PART	TW15S	1	
1-09-021853	PAXCA5200HR-A-KIT	Holder	PAXCA5200HR-A	1	\$354.99
		INSERT	XEKT19M508FR-MA (H01)	30	
		PART	TW15S	1	
1-09-021854	PAXCA5300HR-A-KIT	Tool Holder	PAXCA5300HR-A	1	\$379.99
		INSERT	XEKT19M508FR-MA (H01)	30	
		PART	TW15S	1	
1-09-021855	PAXCA5400HR-A-KIT	Tool Holder	PAXCA5400HR-A	1	\$404.99
		INSERT	XEKT19M508FR-MA (H01)	30	
		PART	TW15S	1	

MAX. RPM AS PER CUTTING DIAMETER

Cutting diameter Ø (inch)		Max. RPM	
5000 type	6000 type	n (min ⁻¹)	vc (sfm)
3/4	-	15,000	7,564
1	1	32,600	8,445
1 1/4	1 1/4	28,800	9,549
1 1/2	1 1/2	25,800	10,693
2	2	23,000	11,916
2 1/2	2 1/2	20,500	13,382
3	3	18,200	15,087
4	4	16,300	16,890
5	5	14,600	18,910

* While machining, accidental breakage of insert or tool may occur. Please use caution and utilize all machine safety doors and safety measures.

HRMD



FEATURES

- HRMD is more economical due to the use of 6 cutting edges compared to HRM tool with positive insert.
- High rake angle cutting edge and chip breaker reduces cutting load.
- Simple screw on system and stable support achieves strong clamping force.
- Unique insert design for high feed and multifunctional machining.
- HRMD insert with symmetrical cutting edge is applicable for both R and L type machining.

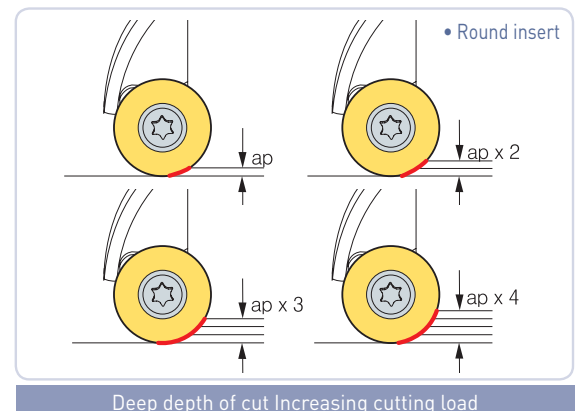
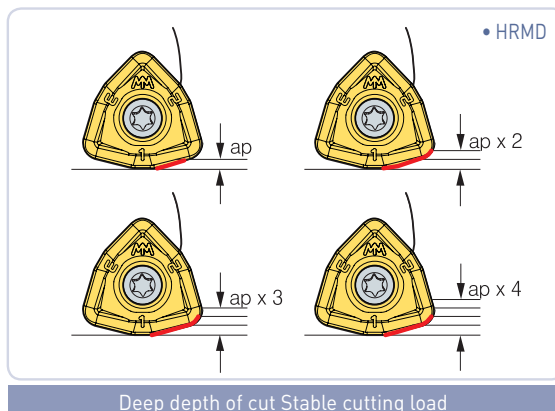


INTERFERENCE PREVENTION SYSTEM

Designation	$\varnothing D$ (inch)	$\varnothing d$ (inch)	t(inch)
HRMDSA09106HR-2 \square 100	1.0625	1.00	0.06
HRMDSA09131HR-2 \square 125	1.3125	1.25	0.06
HRMDSA09137HR-2 \square 125	1.3750	1.25	0.13
HRMDSA09150HR-2 \square 125	1.5000	1.25	0.25
HRMDSA09200HR-3 \square 150	2.0000	1.50	0.50
HRMDSA13131HR-3 \square 125	1.3130	1.25	0.06
HRMDSA13137HR-3 \square 125	1.3750	1.25	0.13
HRMDSA13150HR-3 \square 125	1.5000	1.25	0.25
HRMDSA13162HR-3 \square 125	1.6250	1.25	0.38
HRMDSA13162HR-3 \square 150	1.6250	1.50	0.13
HRMDSA13200HR-3 \square 150	2.0000	1.50	0.50
HRMDSA13250HR-3 \square 150	2.5000	1.50	1.00

* The side clearance prevents interference between tool and workpiece even in deep hole machining.

DEPTH OF CUT



HRMDOUBLE KIT COLLECTION



HRMDCA09200HR-5 - KIT

Designation

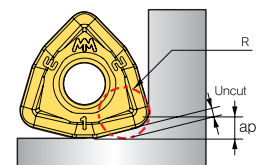
Kit

KP Code	Designation	Composition	Qty.	Price
1-09-021866	HRMDSA09100HR-2M100-KIT	Tool Holder HRMDSA09100HR-2M100	1	\$219.99
		INSERT WNMX09T316ZNN-MM (PC5300)	20	
		PART TW09S	1	
1-09-021867	HRMDSA09125HR-3M125-KIT	Tool Holder HRMDSA09125HR-3M125	1	\$239.99
		INSERT WNMX09T316ZNN-MM (PC5300)	20	
		PART TW09S	1	
1-09-021868	HRMDSA09150HR-4M150-KIT	Tool Holder HRMDSA09150HR-4M150	1	\$309.99
		INSERT WNMX09T316ZNN-MM (PC5300)	20	
		PART TW09S	1	
1-09-021859	HRMDCA09200HR-5-KIT	Tool Holder HRMDCA09200HR-5	1	\$364.99
		INSERT WNMX09T316ZNN-MM (PC5300)	30	
		PART TW09S	1	
1-09-021860	HRMDCA09300HR-7-KIT	Tool Holder HRMDCA09300HR-7	1	\$439.99
		INSERT WNMX09T316ZNN-MM (PC5300)	30	
		PART TW09S	1	
1-09-021861	HRMDCA09400HR-8-KIT	Tool Holder HRMDCA09400HR-8	1	\$479.99
		INSERT WNMX09T316ZNN-MM (PC5300)	30	
		PART TW09S	1	
1-09-021869	HRMDSA13125HR-2M125-KIT	Tool Holder HRMDSA13125HR-2M125	1	\$344.99
		INSERT WNMX130520ZNN-MM (PC5300)	20	
		PART TW15S	1	
1-09-021870	HRMDSA13150HR-3M150-KIT	Tool Holder HRMDSA13150HR-3M150	1	\$419.99
		INSERT WNMX130520ZNN-MM (PC5300)	20	
		PART TW15S	1	
1-09-021862	HRMDCA13200HR-4-KIT	Tool Holder HRMDCA13200HR-4	1	\$424.99
		INSERT WNMX130520ZNN-MM (PC5300)	30	
		PART TW15S	1	
1-09-021863	HRMDCA13250HR-5-KIT	Tool Holder HRMDCA13250HR-5	1	\$489.99
		INSERT WNMX130520ZNN-MM (PC5300)	30	
		PART TW15S	1	
1-09-021864	HRMDCA13300HR-6-KIT	Tool Holder HRMDCA13300HR-6	1	\$519.99
		INSERT WNMX130520ZNN-MM (PC5300)	30	
		PART TW15S	1	
1-09-021865	HRMDCA13400HR-7-KIT	Tool Holder HRMDCA13400HR-7	1	\$574.99
		INSERT WNMX130520ZNN-MM (PC5300)	30	
		PART TW15S	1	

CORNER R PROGRAMMING

Designation	Cutting condition		Approx. R (inch)	
	Max.ap(inch)	Max.fz(ipt)	Input. R	Uncut
WNMX09T316ZNN-MM	0.06	0.08	0.10	0.024
WNMX130520ZNN-MM	0.08	0.12	0.12	0.032

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



* Uncut part can change due to poor machine conditions or weak clamping of the work piece, etc.

SAW-MAN
KIT COLLECTION

SAW -Man



Insert : SP



Stopper type

FEATURES

- Built-in stopper prevents inserts from being pushed back which ensures accuracy during high speed applications.
- Kit available for the following work pieces : Steels
- Extended tool life due to specially designed rake angle.
- Decreased nose radius size to prevent burrs on work piece.
- Various insert lead angles available for best machining conditions.
- Small width of chip can be achieved due to special chip breaker & cutting edge design.

SAW-MAN KIT COLLECTION

SPBA100S3 - KIT

Designation

Kit

KP Code	Designation	Composition	Qty.	Price	
1-09-022525	SPBA100S3-KIT(P)	Tool Holder	SPBA100-S-3-NI	1	\$99.99
		INSERT	SP300 (NC3030)	20	
		PART	SW15S	1	
1-09-022527	SPBA125S3-KIT(P)	Tool Holder	SPBA125-S-3-NI	1	\$99.99
		INSERT	SP300 (NC3030)	20	
		PART	SW15S	1	
1-09-022526	SPBA100S4-KIT(P)	Tool Holder	SPBA100-S-4-NI	1	\$109.99
		INSERT	SP400 (NC3030)	20	
		PART	SW15S	1	
1-09-022528	SPBA125S4-KIT(P)	Tool Holder	SPBA125-S-4-NI	1	\$109.99
		INSERT	SP400 (NC3030)	20	
		PART	SW15S	1	

KIT

Turning Guide

Grade for all applications of steel.

NC3220

- NC3220 covers a wide application range for all kinds of steels(carbon steel, alloy steel, forged steel, rolled steel, tool steel, mild steel, bearing steel and other special steels) in both continuous and interrupted machining.
- preventing plastic deformation in high speed and high temperature machining.
- Improved coating layer with superior adhesion and new surface treatment provides excellent welding resistance and chipping resistance that leads to stability of machining and improvements in productivity.
- Increased lubrication of coating layer improves the surface finish and reduces the cutting load to increase wear resistance.

CVD Turning grade for cast iron.

NC6210

- K-Power coating.
- NC6210 - Stable tool life in continuous and interrupted turning.

PVD Coated grade for stainless steel and HRSA.

PC8110

- Micro grain carbide minimizes chipping of cutting edge due to enhanced edge strength.
- Latest PVD coating technology with high hardness and high temperature oxidation resistance.
- PC8110 provides high productivity during machining HRSA material in high speed, high feed cutting conditions.



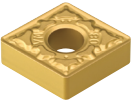

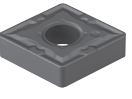

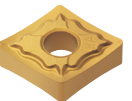

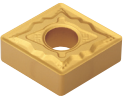



PVD Turning grade for stainless steel and HRSA.

PC5300

- High efficiency during machining of carbon steel / cast iron / stainless steel / HRSA.
- Stable machining due to specific carbide substrate with strong toughness and high hardness that reduces fracture by chipping.
- Excellent wear resistance due to special PVD coating film with oxidation resistance, thermal stability, and surface smoothness.



KORLOY Chip breaker for turning

Geometry / Cutting edge	Application range		Features
	Feed rate(ipr)		
	Depth of cut(inch)		
	0.003 0.004 0.006 0.010 0.016 0.025 0.039 0.063 0.098	0.004 0.006 0.010 0.016 0.025 0.039 0.063 0.098 0.157	
VF  	0.002 ~ 0.014	0.020 ~ 0.079	For finishing <ul style="list-style-type: none"> • Good chip control quality on varied depth of cut. • Excellent cutting edge strength has been acquired due to the special chip breaker.
VM  	0.004 ~ 0.020	0.039 ~ 0.197	For medium cutting <ul style="list-style-type: none"> • Wide available chip control range from medium finishing to medium roughing. • Suitable chip breaker for CNC machining.
VK  	0.006 ~ 0.020	0.039 ~ 0.197	For medium to roughing of cast iron <ul style="list-style-type: none"> • Optimal for high speed machining and interrupted machining.
HA  	0.001 ~ 0.012	0.020 ~ 0.098	For light alloy, stainless steel machining <ul style="list-style-type: none"> • Sharp cutting edge generates low cutting force. • Specially designed tough main cutting edge. • Suitable for cutting of low carbon steel, stainless steel, aluminum.
HS  	0.004 ~ 0.016	0.039 ~ 0.157	For medium cutting of stainless steel <ul style="list-style-type: none"> • Exclusive design for stainless steel cutting provide longer tool life. • Wear resistance have been reinforced through high rake angle of chip breaker land.
GR  	0.012 ~ 0.031	0.118 ~ 0.315	For medium to roughing <ul style="list-style-type: none"> • Suitable for deep depth of cut and high feed cutting of steel and cast iron. • Suitable for intermittent cutting.



Selection system

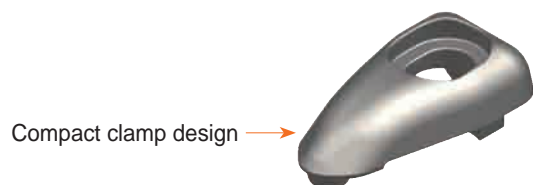
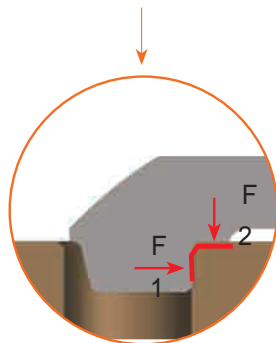
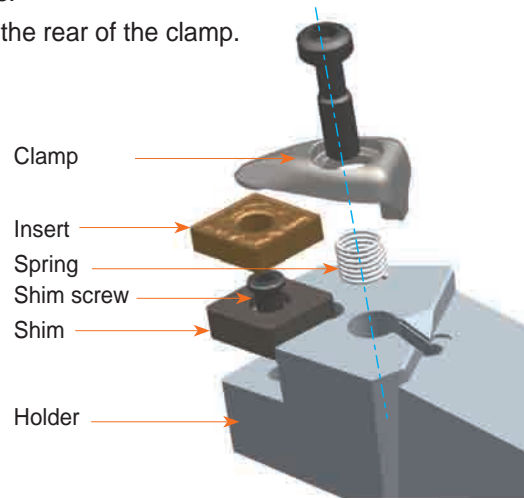
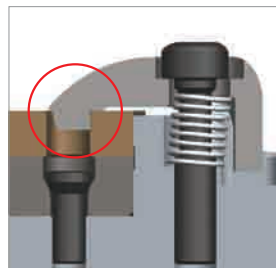
Workpiece	Machining types	Recommended grade	Recommended cutting speed(sfm)	ISO	Application range
P Steel	Continuous cutting	NC3220	918(590 ~ 1,246)	P10	NC3220
				P20	
K Cast iron	Continuous cutting	NC6210	1,148(820 ~ 1,176)	K10	NC6210
				K20	
M Stainless steel	Continuous cutting	PC8110	656(492 ~ 820)	M10	PC8110
	Interrupted cutting	PC5300	558(394 ~ 722)	M20	PC5300
				M30	
S HRSA	Continuous cutting	PC8110	197(131 ~ 295)	S10	PC8110
	Interrupted cutting	PC5300	164(98 ~ 230)	S20	PC5300
				S30	



Double clamp system

Stable clamping with double clamp system.

- Simple and powerful clamping system operated by only a single clamp screw.
- The powerful double-clamping system(upper and internal) is suitable for machining in very tough cutting conditions.
- The holder offers precision due to the special design in the rear of the clamp.
- Compact and optimized design for avoiding chip interference with a powerful clamp.



Kit Collection

KP Code	Designation	Composition	Qty.	Price
1-09-022530	DCLNR16-4D-HS-PC8110-KIT	Tool Holder DCLNR16-4D	1	\$99.89
		INSERT CNMG432-HS PC8110	10	
1-09-022531	DCLNR16-4D-VM-PC8110-KIT	Tool Holder DCLNR16-4D	1	\$99.89
		INSERT CNMG432-VM PC8110	10	
1-09-022532	DCLNR16-4D-HA-PC8110-KIT	Tool Holder DCLNR16-4D	1	\$99.89
		INSERT CNMG432-HA PC8110	10	
1-09-022533	DCLNR16-4D-HA-PC5300-KIT	Tool Holder DCLNR16-4D	1	\$99.89
		INSERT CNMG432-HA PC5300	10	
1-09-022534	DCLNR16-4D-HS-PC5300-KIT	Tool Holder DCLNR16-4D	1	\$99.89
		INSERT CNMG432-HS PC5300	10	
1-09-022535	DCLNR16-4D-VM-PC5300-KIT	Tool Holder DCLNR16-4D	1	\$99.89
		INSERT CNMG432-VM PC5300	10	
1-09-022536	DCLNR16-4D-NC6210-KIT	Tool Holder DCLNR16-4D	1	\$99.89
		INSERT CNMA432 NC6210	10	
1-09-022537	DCLNR16-4D-GR-NC6210-KIT	Tool Holder DCLNR16-4D	1	\$99.89
		INSERT CNMG432-GR NC6210	10	
1-09-022538	DCLNR16-4D-VK-NC6210-KIT	Tool Holder DCLNR16-4D	1	\$99.89
		INSERT CNMG432-VK NC6210	10	
1-09-022539	DCLNR16-4D-VM-NC3220-KIT	Tool Holder DCLNR16-4D	1	\$99.89
		INSERT CNMG432-VM NC3220	10	
1-09-022540	DCLNR16-4D-GR-NC3220-KIT	Tool Holder DCLNR16-4D	1	\$99.89
		INSERT CNMG432-GR NC3220	10	
1-09-022541	DCLNR16-4D-VF-NC3220-KIT	Tool Holder DCLNR16-4D	1	\$99.89
		INSERT CNMG432-VF NC3220	10	
1-09-022542	DCLNL16-4D-HS-PC8110-KIT	Tool Holder DCLNL16-4D	1	\$99.89
		INSERT CNMG432-HS PC8110	10	
1-09-022543	DCLNL16-4D-VM-PC8110-KIT	Tool Holder DCLNL16-4D	1	\$99.89
		INSERT CNMG432-VM PC8110	10	
1-09-022544	DCLNL16-4D-HA-PC8110-KIT	Tool Holder DCLNL16-4D	1	\$99.89
		INSERT CNMG432-HA PC8110	10	
1-09-022545	DCLNL16-4D-HA-PC5300-KIT	Tool Holder DCLNL16-4D	1	\$99.89
		INSERT CNMG432-HA PC5300	10	
1-09-022546	DCLNL16-4D-HS-PC5300-KIT	Tool Holder DCLNL16-4D	1	\$99.89
		INSERT CNMG432-HS PC5300	10	
1-09-022547	DCLNL16-4D-VM-PC5300-KIT	Tool Holder DCLNL16-4D	1	\$99.89
		INSERT CNMG432-VM PC5300	10	
1-09-022548	DCLNL16-4D-NC6210-KIT	Tool Holder DCLNL16-4D	1	\$99.89
		INSERT CNMA432 NC6210	10	
1-09-022549	DCLNL16-4D-GR-NC6210-KIT	Tool Holder DCLNL16-4D	1	\$99.89
		INSERT CNMG432-GR NC6210	10	
1-09-022550	DCLNL16-4D-VK-NC6210-KIT	Tool Holder DCLNL16-4D	1	\$99.89
		INSERT CNMG432-VK NC6210	10	
1-09-022551	DCLNL16-4D-VM-NC3220-KIT	Tool Holder DCLNL16-4D	1	\$99.89
		INSERT CNMG432-VM NC3220	10	
1-09-022552	DCLNL16-4D-GR-NC3220-KIT	Tool Holder DCLNL16-4D	1	\$99.89
		INSERT CNMG432-GR NC3220	10	
1-09-022553	DCLNL16-4D-VF-NC3220-KIT	Tool Holder DCLNL16-4D	1	\$99.89
		INSERT CNMG432-VF NC3220	10	

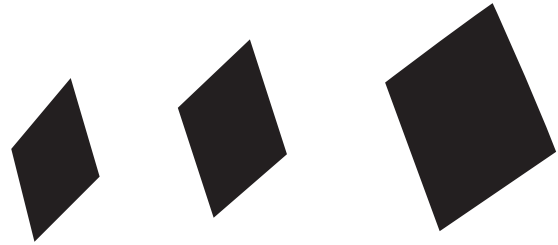


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Nov.25.2012
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