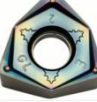
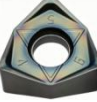
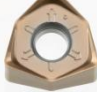


GRADE CODE	TP9508	TP9108	TP5355	TP6530	TP6530-3	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108H								
	P M K	P M	P	P M	P M	P M	M	M S	S	K
WNMU040304EN-GM WNMU040308EN-GM										
WNMU050408EN-ZH										
WNMU060408EN-GM										
WNMU080608EN-GM										
WNMU080608EN-GL										
WNMU080608EN-GH										
WNMU080608EN-ZH										
LOGU030310ER-GM										
LOGU030310ER-ST										
LOMU100408ER-GM										
SOMT100420ER-GM										
SOMT140520ER-GM										
SOMT140520ER-LD										
PNMU0905XNER-GM										



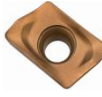
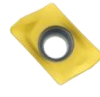
ZANHO carbide High feeding inserts interchangeable with Kyocera

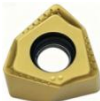
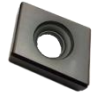
GRADE CODE	TP9508	TP9108	TP5355	TP6530	TP6530-3	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108H								
	P M K	P M	P	P M	P M	P M	M	M S	S	K
BDMT070304ER-JT BDMT070308ER-JT										
BDMT11T308ER-JT BDMT11T316ER-JT										
BDMT170408ER-JT										
SNMU090408EN-GM SNMU130508EN-GM										
LPGT010210ER-GM										
HNMU 0905ZNEN-GH										

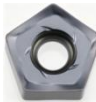


ZANHO carbide inserts interchangeable with Taegutec

GRADE CODE	TP9508	TP9108	TP5355	TP6530	TP6530-3	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108H								
	P M K	P M	P	P M	P M	P M	M	M S	S	K
BLMP0603R-ZM										
BLMP0603R-M										
BLMP0904R-M										
BLMP1105R-M										
BLMP1306R-M										
4NKT040204R-M 4NKT060308R-M 4NKT090408R-M 4NKT110608R-M										
RXMX1003-M RXMX12T3-M										

GRADE CODE	TP9508	TP9108	TP5355	TP6530	TP6530-3	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108H								
	P M K	P M	P	P M	P M	P M	M	M S	S	K
RDMX0501-M RDMX0702-M RDMX1003-M										
APKT09T3003/8/16 APKT120416/24										
AXMT060204/08R-EM										
SEKT12T3AFTN-M										
SEKT12T3AFTN-WC wiper insert										
SEMT1304PETR-M										
SNMU1206XTN										
SNMX1306ANEN-M SNMX1306ZNN-M										
APKT170508/24/30/32/4 0...PDER-EM										
3PKT060304R-M										
3PKT100408R-M										
3PKT150508R-M										
3PKT190608R-M/ML										
HNMX050410-MM HNHX1006ANTN-M										

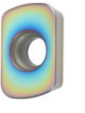
GRADE CODE	TP9508	TP9108	TP5355	TP6530	TP6530-3	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108H								
	P M K	P M	P	P M	P M	P M	M	M S	S	K
XNMU 0906ANTR-M										
XNHU0605ANN-MM										
OFMT05T3TN-ML										
SPMT110408-EM SPMT 120408RBE										
6NGU090508R-M 6NGU090508R-M										
ZNHU110-08-ML										
ANHX160708R-ML (Build-to-order)										
CNHX100508 CNHX160608 (Build-to-order)										

GRADE CODE	TP9508	TP9108	TP5355	TP6530	TP6530-3	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108H								
	P M K	P M	P	P M	P M	P M	M	M S	S	K
LNMU0303ZER-MJ										
LNMU0202ZER										
PNMU0905GNEN-MJ										
PNCU0905GNER-W										

GRADE CODE	TP9508	TP9108	TP5355	TP6530	TP6530-3	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108H								
	P M K	P M	P	P M	P M	P M	M	M S	S	K
TNGU120708PER-MJ			✓							
TNMMU070304PER-MJ										
TNMMU080308PER-MJ										
TNMMU130708PER-MJ										

GRADE CODE	TP9508	TP9108	TP5355	QM1215	TP6530-3	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108H								
	P M K	P M	P	P M	P M	P M	M	M S	S	K
XNMMU070508-F57										
XNMMU090612-F57										
SDMT09T308-F57										
SDMT09T316-F57										
SDMT09T320-F57										
SNMX1205ANN-M										
SNMX 1205ZNN-F27										
SNMX1205ZNN-F57										
SNMX1205ZNN-F67										
SDMT120408-F57										
ONHMU050408-F57										

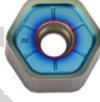
GRADE CODE	TP9508 TP9508H	TP9108 TP9108H	TP5355	QM1215	TP6530-3	TP1605	TP5302C	TP9502	TP9502S	TC5255
	P M K	P M	P	P M	P M	P M	M	M S	S	K
ENMU100412ZER-PH										
EOMT060210ZER EPMT100312ZER										
WNMU050320ZER-PM										
WNMU070620ZER-PM										
WNMU090720ZER-PM										
YPHW1003ZER-1.5										
WDMW06T320ZTR WDMW080520ZTR										

GRADE CODE	TP9508 TP9508H	TP9108 TP9108H	TP5355	TP6530	TP6530-3	TP1605	TP5302C	TP9502	TP9502S	TC5255
	P M K	P M	P	P M	P M	P M	M	M S	S	K
JDMT070204R JDMT070208R										
JDMT100308R										
JDMT150508R-ZH										
EPNW0603TN-8										
EPMT0603TN										

GRADE CODE	TP9508	TP9108	TP5355	TP6530	TP6530-3	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108H								
	P M K	P M	P	P M	P M	P M	M	M S	S	K
MPHW060308ZEL										
SDMT120512-ZH										
SDMT150512-ZH										
SDMT120512-GM										
SDMT150512-GM										
SDMT120512-RD										
SDMT150512-RD										
EDNW13T4TN-15 (build to order)										

GRADE CODE	TP9508	TP9108	TP5355	TC10K	Cermet	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108H								
	P M K	P M	P	K	P M	P M	M	M S	S	K
R390-11T308M-PM										
R390-11T308-PL										
R390-170408M-PM										
R390-180608M-PM										
MH20-060320E-M20										
MH20-080425E-M20										
RCKT2006MO-XM										

GRADE CODE	TP9508	TP9108	TP5355	TC10K	Cermet	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108H								
	P M K	P M	P	K	P M	P M	M	M S	S	K
RCKT10T3MO RCKT1204MO										
MF80 130508M-M50										
490R-140408M-MM										

GRADE CODE	TP9508	TP9108	TP5355	TC10K	TP6530	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108H								
	P M K	P M	P	K	P M	P M	M	M S	S	K
HNMG090608R										
HNMG0907ANSN-R										
HNMG060410-MK										
PDMT090530-SM										
PDKT1305R-M (Built-to-order)										

GRADE CODE	TP9508	TP9108	TP5355	TC10K	TP6530	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108H								
	P M K	P M	P	K	P M	P M	M	M S	S	K
SDMT09T307-SM										
ROXE16T5R-SM										

GRADE CODE	TP9508	TP9108H	TP5355	TC10K	TP6530	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP15M								
	P M K	P M	P	K	P M	P M	M	M S	S	K
AOMT123608PEER-M										
JDMW120412-FT JDMW140520-FT										
NNMU200608ZEN-MK										
SEMT13T3AGSN-JM										

GRADE CODE	TP9508	TP9108	TP5355	TC10K	TP6530	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108H								
	P M K	P M	P	K	P M	P M	M	M S	S	K
RBET 30-M RBEX 40-M RBEX 50-M										
SPMT 120408RBE										

RT 070204R RT100308R										
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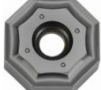
GRADE CODE	TP9508	TP9108H	TP5355	TC10K	TP6530	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP15M								
	P M K	P M	P	K	P M	P M	M	M S	S	K
SNMU130708ZNER										
AXMT1203504PDER-G										

GRADE CODE	TP9508	TP9108H	TP5355	TC10K	TP6530	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108								
	P M K	P M	P	K	P M	P M	M	M S	S	K
SNMX1206ANN-MM										
WNMX09T316ZNN-MM										
WNMX060312ZNN-MM Built-to-order										

GRADE CODE	TP9508	TP9108H	TP5355	TC10K	TP6530	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108								
	P M K	P M	P	K	P M	P M	M	M S	S	K
SNMU1206ANEN-GM										
SNMU1206ZNEN-GM										
SPMT 120408-CM										

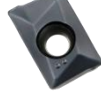


ZANHO carbide inserts interchangeable with ZCC.CT

GRADE CODE	TP9508	TP9108H	TP5355	TC10K	TP6530	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108								
	P M K	P M	P	K	P M	P M	M	M S	S	K
HNMU0906ANN										
ONHU060408-PM										
APKT11T308-PM										
SPMT120408-PM										
XSEQ1202										
XSEQ12T3										
XSEQ1204										
XSEQ12T4										
MPHT06T304-DM										
MPHT080305-DM										
MPHT120408-DM										



ZANHO carbide inserts interchangeable with Iscar

GRADE CODE	TP9508	TP9108H	TP5355	TC10K	TP6530	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108								
	P M K	P M	P	K	P M	P M	M	M S	S	K
ONMU050505-MT										
ONMU080608-MT										
SNMU1305ANTR										
APKT1003PDR-M90										
APKT1604PDER-76										
APKT1003PDER										

GRADE CODE	TP9508	TP9108H	TP5355	TC10K	TP6530	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108								
	P M K	P M	P	K	P M	P M	M	M S	S	K
S890-SNMU1305PNTR										
T490-LNHT1306PNTR-RD										

GRADE CODE	TP9508	TP9108H	TP5355	TC10K	QM1215	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108								
	P M K	P M	P	K	P M	P M	M	M S	S	K
HNPJ070412ANSN-HP HNPJ0905ANSN-PM										
HNPJ070412ANSN-ZG D										
HNPJ1107ANSN-HP										

GRADE CODE	TP9508	TP9108H	TP5355	TC10K	TP6530	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108								
	P M K	P M	P	K	P M	P M	M	M S	S	K
LNGU15T608ERGE-PR										
LNMU110408SRGE LNMU15T608SRGE										
HNGJ0905ANSN-ZGD										
ODMT040408-EN41										

GRADE CODE	TP9508	TP9108H	TP5355	TC10K	TP6530	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108								
	P M K	P M	P	K	P M	P M	M	M S	S	K
XNEX040308EN										
XNEX080608TR										
XOMX060204R XOMX060208R										
XOMX120408 XOMX120412 XOMX120420 XOMX120440										
ONMU090520ANTN										

GRADE CODE	TP9508	TP9108H	TP5355	TC10K	TP6530	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108								
	P M K	P M	P	K	P M	P M	M	M S	S	K
RPHX1204M6EN-M31		✓								
XDLX09T308SR-M50										

GRADE CODE	TP9508	TP9108H	TP5355	TC10K	TP6530	TP1605	TP5302C	TP9502	TP9502S	TC5255
	TP9508H	TP9108								
	P M K	P M	P	K	P M	P M	M	M S	S	K
SEKT1204AFTN										

Hot-selling Milling insert (APMT/R2.5/R3/R4/R5/R6/R8....)

Code	Grade	Compitable Brand	TP9508	TP15M	TP9108	TP1605	TP5355	TP6530	TP6530-4	TP9502	TC5255
			P M K	P M	P M	P M	P	P M	H	M S	K
APMT1135PDER-DL	Duracarb										
APMT1135PDER-M2	Mitsubishi										
APMT1135PDER-H2	Mitsubishi										
APMT1135PDER-54	Duracarb										
APMT1135PDER-FM	Hardstone										
APMT1135PDER-KZ	Kyocera										
APMT1604PDER-DL	Duracarb										
APMT1604PDER-M2	Mitsubishi										
APMT1604PDER-H2	Mitsubishi										
APMT1604PDER-54	Duracarb										
APMT1604PDER-KZ	Kyocera										
RDMW0501MO											
RCMT060204MO-ML											
RPMT08T2MOE-JS	Mitsubishi										
RPMW1003MO-TT	Duracarb										
RPMT1003MO-FM	Hardstone										
RPMT10T3MOE-JS	Mitsubishi										
RDMT10T3MO-TN	Hitachi										
RPMT1204-M-C (RPMT1204MO-TT)	Duracarb										
RPMT1204MO-JS	Mitsubishi										
RPMT1204MO-FM	Hardstone										

RDMT1204MO-TN	Hitachi									
RDMW1204MO	Walter									
RDMW1605MO	Walter									

APKT05/10/16.....

Code	Compitable Brand	TP9508	TP15M	TP9108/M	TP1605	TP5355	TP6530	TP6530-4	TP9502	TC5255
										
APKT050204PDTR										
APKT09T3R0.3/0.8/1.6	Taegutec									
APKT1003PDTR										
APKT1003PDR-M90	Iscar									

APKT 1003PDER-UL Kilowood

APKT1035PDER										
APKT1136PDER-FM										
APKT1204-R1.6/2.4	Taegutec									
APKT150412										
APKT160408-PM										
APKT160408-HM										
APKT1604PDR-76	Iscar									

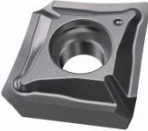
Drilling (Hot-selling Types)

Grade	TP5353E	TP5302W	TP5302E	TP1605	TP6530	TP9502	TP5355
Code	P M K	M	P M	P M	P M	P M S	P
SPMG 04T12-DG							
SPMG 050204-DG							
SPMG 060204-DG							
SPMG 07T308-DG							
SPMG 090408-DG							
SPMG 110408-DG							
SPMG 140512-DG							
SPMG 140520-DG							
WCMX 030208FN							
WCMX 040208FN							
WCMT 050308FN							
WCMT 06T308FN							
WCMT 080412FN							
SPMG 050204-ZK							
SPMG 060204-ZK							
SPMG 07T308-ZK							
SPMG 090408-ZK							
SPMG 110408-ZK							
SPMG 140512-ZK							
WCMX 030208-ZK							
WCMX 040208-ZK							
WCMT 050308-ZK							
WCMT 06T308-ZK							
WCMT 080412-ZK							
WCMT 030208-PG							
WCMT 040208-PG							
WCMT050308 -PG							
WCMT 06T308-PG							
WCMT 080412-PG							
SPMT050204-ZH							
SPMT060204-ZH							
SPMT07T308-ZH							
SPMT090408-ZH							
SPMT110408-ZH							
SPMT140512-ZH							
WCMT030208-ZH							
WCMT040208-ZH							
WCMT050308-ZH							
WCMT060208-ZH							
WCMT080412-ZH							

Drilling compitable with Korloy

Grade	TP5353E	TP5302W	TP5355	TP1605	TP6530	TP9502	TP5302E
Code	P M K	M	P	P M	P M	P M S	P M
XOMT 040204-PD							
XOMT050204 -PD							
XOMT 060204-PD							
XOMT 07T205-PD							
XOMT 090305-PD							
XOMT 11T306-PD							
XOMT 130406-PD							
XOMT 15M508-PD							
XOMT 180508-PD							
SPMT 040204-PD							
SPMT 050204-PD							
SPMT 07T208-PD							
SPMT 090308-PD							
SPMT 11T308-PD							
SPMT 130410-PD							
SPMT 15M510-PD							
SPMT 180510-PD							

Drilling compitable with Taegutec

Grade	TP5353E	TP5302W	TP5355	TP1605	TP6530	TP9502	TP5302E
Code	P M K	M	P	P M	P M	P M S	P M
XCMT 040104L							
XCMT 040104R							
XCMT 050204							
XCMT 060204							
XCMT 070304							
XCMT 080304							
XCMT 10T304							
XCMT 130404							
XCMT 130408							
XCMT 170508							
SOMT 040204-DP							
SOMT 050204-DP							
SOMT 060204-DP							
SOMT 070306-DP							
SOMT 08T306-DP							
SOMT 09T308-DP							
SOMT 11T308-DP							
SOMT 130408-DP							
SOMT 150510-DP							

Drilling compitable with Sandvik

Grade	TP5353E	TP5302W	TP5355	TP1605	TP9502	TP5302E
Code	P M K	M	P	P M	P M S	P M
880-030305H-C-GM	Buid-to-order 					
880-0303W05H-P-GM						
880-040305H-C-GM						
880-0403W05H-P-GM						
880-050305H-C-GM						
880-0503W05H-P-GM						
880-060406H-C-GM						

Drilling compitable with Sumitomo

Grade	TP5353E	TP5302W	TP5355	TP6530	TP9502	TP5302E
Code	P M K	M	P	P M	P M S	P M
XDMT042004-G						
XDMT052504-G						
XDMT063006-G						
XDMT073506-G						
XDMT094008-G						

TNMG			Perfect for external turning, facing and profile machining. Widely used for roughing and semi-finishing of steel, stainless steel and cast iron parts. A highly versatile insert for automotive parts, hydraulic components and general CNC machining applications.															
			Radius	Chip-breaker	P			M				K			S		H	Universal
					TC4025	TC20P	TC25P	TP15M	TP1605	TP10M TP825M	TP6530-3	TC15K	TC5255	TC10K	TP9502	TP9502S	TC15H	TP1530
					P	P	P M	P M	P M	M	P M	P K	K	K	M S	M S	H	P M K
Finishing	TNMG1604	0.4 0.8	PF															
	TNMG1604	0.4 0.8	BF															
semi-finishing	TNMG1604	0.4 0.8 1.2	43															
	TNMG1604	0.4 0.8	HQ															
	TNMG1604	0.4 0.8 1.2	MA															
	TNMG1604	0.4 0.8 1.2	JMS															
	TNMG1604	0.4 0.8 1.2	TM															
	TNMG1604 TNMG2204	0.4 0.8 1.2	PC															
	TNMG1604 TNMG2204	0.4 0.8	PM															
	TNMG1604	0.4 0.8	CQ															
	TNMG1604	0.4 0.8 1.2	YM															
	TNMG1604 TNMG2204	0.4 0.8 1.2	MS															
	TNMG1604	0.2 0.4 0.8	ZMS															
	TNMG1604	0.4 0.8	ZMP															
	TNMG1604 TNMG2204	0.4 0.8 1.2	GH															
	TNMG1604	0.4 0.8	TF2															
	TNMG1604	0.4 0.8	VF															
Roughing	TNMG1604	0.4 0.8	R/L															
	TNMA1604	0.4 0.8 1.2	Flat															

WNMG		Perfect for heavy external turning, facing and rough machining. Widely used for steel, stainless steel and cast iron processing in automotive, hydraulic and general machining industries. Ideal for stable high-efficiency CNC turning applications.															
		Radius	Chip-breaker	P			M				K			S		H	Universal
				TC4025	TC20P	TC25P	TP15M	TP1605	TP10M TP825M	TP6530-3	TC15K	TC5255	TC10K	TP9502	TP9502S	TC15H	TP1530
				P	P	P M	P M	P M	M	P M	P K	K	K	M S	M S	H	P M K
Finishing	WNMG0804	0.4 0.8 1.2	PF														
	WNMG0804	0.4 0.8	BF														
Semi-finishing	WNMG0804	0.4 0.8 1.2	43														
	WNMG0804	0.4 0.8	HQ														
	WNMG0604 WNMG0804	0.4 0.8 1.2	MA														
	WNMG0804	0.4 0.8 1.2	TM														
	WNMG0804	0.4 0.8	PC														
	WNMG0804	0.4 0.8	PM														
	WNMG0804	0.4 0.8 1.2	JMS														
	WNMG0804	0.8 1.2	GM														
	WNMG0604 WNMG0804	0.4 0.8 1.2	EM														
	WNMG0804	0.4 0.8	CQ														
	WNMG0804	0.4 0.8 1.2	YM														
	WNMG0804	0.4 0.8 1.2	MS														
	WNMG0804	0.2 0.4 0.8	ZMS														
	WNMG0804	0.4 0.8	ZMP														
	WNMG0804	0.4 0.8 1.2	GH														
	WNMG0804	0.4 0.8	TF2														
	WNMG0804	0.4 0.8	ZMQ														
	WNMG0804	0.4 0.8	MT														
	WNMG0804	0.4 0.8	KM														
Roughing	WNMG0804	0.4 0.8 1.2	R/L														
	WNMG0804	0.4 0.8 1.2	Flat														
	WNMG0804	0.4 0.8	KH														

CNMG			Perfect for heavy-duty external turning, roughing and continuous CNC machining. Widely used for steel, stainless steel and cast iron processing in automotive, mold, hydraulic and general machining industries. Ideal for high-feed rough machining with excellent stability and long tool life.															
			Radius	Chip-breaker	P			M				K			S		H	Universal
					TC4025	TC20P	TC25P	TP15M	TP1605	TP10M TP825M	TP6530-3	TC15K	TC5255	TC10K	TP9502	TP9502S	TC15H	TP1530
					P	P	P M	P M	P M	M	P M	P K	K	K	M S	M S	H	P M K
Finishing	CNMG1204	0.4 0.8	PF															
	CNMG1204	0.4 0.8 1.2	43															
Semi-finishing	CNMG1204	0.4 0.8	MA															
	CNMG1204	0.4 0.8 1.2	TM															
	CNMG1204	0.4 0.8 1.2	PC															
	CNMG1204	0.4 0.8	PM															
	CNMG1204	0.4 0.8 1.2	CQ															
	CNMG1204	0.4 0.8 1.2	YM															
	CNMG1204 CNMG1604 CNMG1906	0.4 0.8 1.2	MS															
		0.4 0.8 1.2	JMS															
	CNMG1204	0.2 0.4 0.8	ZMS															
	CNMG1204	0.8 1.2	EM															
	CNMG1204	0.4 0.8	ZMP															
	CNMG1204 CNMG1604	0.4 0.8 1.2	GH															
	CNMG1204	0.4 0.8	TF2															
	CNMG1204	0.4 0.8	ZMQ															
	CNMG1204 CNMG1604	0.4 0.8 1.2	MT															
	CNMG1204	0.4 0.8	KM															
CNMG1204	0.4 0.8	ML																
Roughing	CNMG1204	0.8	R/L															
	CNMG1204	0.4 0.8 1.2	Flat															
	CNMG1606 CNMG1906	1.2 1.6	RT															
	CMMG1606	0.8	PR															
	CNMG1204	0.4 0.8 1.2	KH															

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Zhanhong Cutting Tool Co., Limited

3

DNMG				Perfect for finishing, semi-finishing and profile turning applications. Widely used for external turning, facing and precision machining of steel, stainless steel and cast iron parts. Ideal for customers who require smooth surface finish, sharp cutting performance and stable CNC machining.															
				Radius	Chip- breaker	P			M				K			S		H	Universal
						TC4025	TC20P	TC25P	TP15M	TP1605	TP10M TP825M	TP6530-3	TC15K	TC5255	TC10K	TP9502	TP9502S	TC15H	TP1530
				P	P	P M	P M	P M	M	P M	P K	K	K	M S	M S	H	P M K		
Finishing	DNMG1504 DNMG1506	0.4 0.8 1.2	PF																
	DNMG1104	0.4 0.8	FG																
Semi-finishing	DNMG1504 DNMG1506	0.4 0.8 1.2	43																
	DNMG1504 DNMG1506	0.4 0.8	MA																
	DNMG1504 DNMG1506	0.4 0.8	TM																
	DNMG1504 DNMG1506	0.4 0.8 1.2	PC																
			PM																
	DNMG1504 DNMG1506	0.4 0.8 1.2	YM																
			MS																
			GH																
	KNUX16040 5		R/L																
	DNMG1504	0.4 0.8	KM																
Roughing	DNMG1504	0.4 0.8	GH																

VNMG			Perfect for profile turning, finishing and semi-finishing applications. Widely used for external turning, contour machining and fine detail processing of steel, stainless steel and cast iron parts. Ideal for CNC machining requiring sharp cutting performance, excellent surface finish and precise profile turning.															
			Radius	Chip-breaker	P			M				K			S		H	Universal
					TC4025	TC20P	TC25P	TP15M	TP1605	TP10M TP825M	TP6530-3	TC15K	TC5255	TC10K	TP9502	TP9502S	TC15H	TP1530
			P	P	P M	P M	P M	M	P M	P K	K	K	M S	M S	H	P M K		
Finishing	VNMG1604	0.4 0.8	PF															
		0.4 0.8	PM															
		0.4 0.8	MA															
		0.4 0.8	JMS															
		0.4 0.8	PC															
		0.4 0.8 1.2	43															
		0.4 0.8	TM															
		0.8	EM															
		0.4 0.8	YM															
		0.2 0.4	ZMS															
		0.4 0.8	TF1															
		0.4 0.8	GH															
		0.4 0.8	KM															
		0.4 0.8	MS															
		VNMG12T3	0.4 0.8	ZEP														
Roughing	VNMA1604	0.4 0.8	Flat															

SNMG			Perfect for heavy roughing, interrupted cutting and high-feed CNC turning applications. Widely used for steel, cast iron and large workpiece machining in automotive, mold and general engineering industries. Ideal for stable heavy-duty machining with strong edge strength and long tool life.															
			Radius	Chip- breaker	P			M				K			S		H	Universal
					TC4025	TC20P	TC25P	TP15M	TP1605	TP10M TP825M	TP6530-3	TC15K	TC5255	TC10K	TP9502	TP9502S	TC15H	TP1530
			P	P	P M	P M	P M	M	P M	P K	K	K	M S	M S	H	P M K		
Finishing		0.4 0.8	GF															
		0.2 0.4 0.8	HA															
Semi-finishing	SNMG1204	0.4 0.8	PM															
		0.4 0.8 1.2	MA															
		0.4 0.8 1.2	TM															
		0.4 0.8	JMS															
		0.4 0.8 1.2	YM															
		0.4 0.8 1.2	GH															
		0.4 0.8 1.2	PC															
		0.4 0.8	KM															
		0.4 0.8 1.2	MS															
		Roughing	SNMG1204 SNMG1506	0.4 0.8 1.2	L/R													
SNMG1204	0.4 0.8		KH															
SNMG1506 SNMG1906	1.2 1.6		GZ															
SNMG1906	1.2 1.6		RT															
SNMG1204	0.4 0.8 1.2		Flat															

VBMT		Perfect for finishing, profiling and precision CNC turning applications. Widely used for external turning, contour machining and fine finishing of steel, stainless steel and cast iron parts. Ideal for high-precision machining with sharp cutting action and excellent surface finish.															
		Radius	Chip-breaker	P			M				K			S		H	Universal
				TC4025	TC20P	TC25P	TP15M	TP1605	TP10M TP825M	TP6530-3	TC15K	TC5255	TC10K	TP9502	TP9502S	TC15H	TP1530
				P	P	P M	P M	P M	M	P M	P K	K	K	M S	M S	H	P M K
Semi-finishing	VBMT1103 VBMT1604	0.4 0.8	MV														
	VBMT1103 VBMT1604	0.2 0.4	ZLF														
	VBMT1604	0.4 0.8 1.2	PC														
	VBMT1103	0.4 0.8	HTM														
	VBMT1103 VBMT1604	0.4 0.8	ZMQ														
	VBMT1103 VBMT1604	0.4 0.8	GH														
VCMT		Perfect for finishing, semi-finishing and profile turning applications. Widely used for external turning, internal turning and contour machining of steel, stainless steel and cast iron parts. Ideal for precision CNC machining with smooth cutting performance and excellent surface finish.															
		Radius	Chip-breaker	P			M				K			S		H	Universal
				TC4025	TC20P	TC25P	TP15M	TP1605	TP10M TP825M	TP6530-3	TC15K	TC5255	TC10K	TP9502	TP9502S	TC15H	TP1530
				P	P	P M	P M	P M	M	P M	P K	K	K	M S	M S	H	P M K
Semi-finishing	VCMT1103 VCMT1604	0.4 0.8	TF														
		0.4 0.8	GH														
		0.4 0.8	PC														
	VCMT1103	0.1 0.2	ZLF														
	VCMT0804	0.2 0.4	HQ														

CCMT		Perfect for finishing and semi-finishing CNC turning applications. Widely used for internal turning, external turning and profiling of steel, stainless steel and cast iron parts. Ideal for precision machining with low cutting resistance, smooth chip control and excellent surface finish.															
		Radius	Chip-breaker	P			M				K			S		H	Universal
				TC4025	TC20P	TC25P	TP15M	TP1605	TP10M TP825M	TP6530-3	TC15K	TC5255	TC10K	TP9502	TP9502S	TC15H	TP1530
				P	P	P M	P M	P M	M	P M	P K	K	K	M S	M S	H	P M K
Finishing	CCMT0602 CCMT09T3	0.4 0.8	FG														
	CCMT0602 CCMT09T3 CCMT1204	0.2 0.4 0.8	TF														
	CCMT0602 CCMT09T3	0.4 0.8	ZTM														
Semi-finishing	CCMT0602 CCMT09T3 CCMT1204	0.2 0.4 0.8	ZLF														
	CCMT0602 CCMT09T3	0.4 0.8	PM														
	CCMT0602 CCMT09T3 CCMT1204	0.4 0.8	YM														
	CCMT0602 CCMT09T3 CCMT1204	0.4 0.8	PC														
	CCMT0602 CCMT09T3 CCMT1204	0.4 0.8	MT														
	CCMT0602 CCMT09T3 CCMT1204	0.4 0.8	GH														
	CCMT0602 CCMT09T3	0.4	TF1														
	CCMT0602 CCMT09T3	0.4 0.8	TF3														

DCMT		Perfect for finishing, semi-finishing and precision profile turning applications. Widely used for internal turning, external turning and contour machining of steel, stainless steel and cast iron parts. Ideal for CNC machining requiring sharp cutting performance, stable chip control and excellent surface finish.															
		Radius	Chip-breaker	P			M				K			S		H	Universal
				TC4025	TC20P	TC25P	TP15M	TP1605	TP10M TP825M	TP6530-3	TC15K	TC5255	TC10K	TP9502	TP9502S	TC15H	TP1530
				P	P	P M	P M	P M	M	P M	P K	K	K	M S	M S	H	P M K
Finishing	DCMT11T3	0.4 0.8	PF														
	DCMT0702 DCMT11T3	0.2 0.4 0.8	MV														
Semi-finishing	DCMT0702 DCMT11T3	0.4 0.8	TF														
	DCMT11T3	0.4 0.8	PM														
	DCMT0702 DCMT11T3	0.4 0.8	PC														
	DCMT0702 DCMT11T3	0.1 0.2	ZLF														
	DCMT0702 DCMT11T3	0.2 0.4 0.8	ZLF														
	DCMT0702 DCMT11T3	0.4 0.8	GH														
	DCMT11T3	0.4 0.8	TF3														
TC/PMT		Radius	Chip-breaker	P			M				K			S		H	Universal
				TC4025	TC20P	TC25P	TP15M	TP1605	TP10M TP825M	TP6530-3	TC15K	TC5255	TC10K	TP9502	TP9502S	TC15H	TP1530
				P	P	P M	P M	P M	M	P M	P K	K	K	M S	M S	H	P M K
Semi-finishing	TPMT0902	0.4	MV														
	TCMT0902 TCMT1102 TCMT16T3	0.2 0.4 0.8	TF														
	TCMT1102 TCMT16T3	0.2 0.4	ZLF														
	TCMT0902 TCMT1102 TCMT16T3	0.4 0.8	PM														
	TCMT0902 TCMT1102 TCMT16T3	0.4 0.8	PC														
SCMT		Radius	Chip-breaker	P			M				K			S		H	Universal
				TC4025	TC20P	TC25P	TP15M	TP1605	TP10M TP825M	TP6530-3	TC15K	TC5255	TC10K	TP9502	TP9502S	TC15H	TP1530
				P	P	P M	P M	P M	M	P M	P K	K	K	M S	M S	H	P M K
Semi-finishing	SCMT09T3	0.4 0.8	TF														
	SCMT09T3	0.4 0.8	PM														
	SCMT09T3 SCMT1204	0.4 0.8	PC														

Cutt-off & Grooving (Match with Taegutec)

Design	Code	Description
	TDC 2	Suitable for grooving, parting and turning.
	TDC 3	
	TDC 4	
	TDC 5	
	TDC 6	
	TDJ 2	Suitable for grooving and parting.
	TDJ 3	
	TDJ 4	
	TDJ 5	
	TDJ 6	
	TDXU 2E-0.3	Suitable for general use in external, internal & face groove-turn machining
	TDXU 3E-0.3	
	TDXU 4E-0.4	
	TDXU 5E-0.4	
	TDT 3E-0.4	Suitable for External turning and grooving
	TDT 4E-0.4	
	TDT 2E-1.0-RU	Suitable for external and internal turning, grooving and profiling.
	TDT 3E-1.5-RU	
	TDT 4E-2.0-RU	
	TDT 5E-2.5-RU	
	TDT 6E-3.0-RU	

Cutt-off & Grooving (Match with Korloy)

Design	Code	Description
	MGMN 150-M	Suitable for external and internal turning and grooving
	MGMN 200-M	
	MGMN 250-M	
	MGMN 300-M	
	MGMN 400-M	
	MGMN 500-M	
	MGMN 600-M	
	MGMN 800-M	
	MGMN 150-G	Suitable for external and internal turning and grooving
	MGMN 200-G	
	MGMN 250-G	
	MGMN 300-G	
	MGMN 400-G	
	MRMN 200-M	Suitable for turning and grooving of external diameter and internal bore
	MRMN 300-M	
	MRMN 400-M	
	MRMN 500-M	
	MRMN 600-M	
	SP200	Suitable for for lathe external grooving turning processing
	SP300	
	SP400	
	SP500	
	SP600	

PENTA & TQJ insert (Built-to-order)

Design	Code	Description
	PENTA24N147J	Iscar
	PENTA24N150J010	
	PENTA24N157J015	
	PENTA24N170J010	
	PENTA24N178J018	
	PENTA24N185J015	
	PENTA24N196J015	
	PENTA24N200J020	
	PENTA24N222J015	
	PENTA24N230J020	
	PENTA24N239J015	
	PENTA24N247J020	
	PENTA24N270J010	
	PENTA24N287J020	
	PENTA24N300J020	
	PENTA24N050PF	Iscar
	PENTA24N100PF	
	PENTA24N150PF	
	PENTA24N200PF	
	PENTA24N250PF	
	PENTA24N300PF	
	PENTA24N350PF	
	PENTA24N400PF	
	TQJ27-100-010 (R0.1)	Taegutec
	TQJ27-150-020 (R0.2)	
	TQJ27-200-020 (R0.2)	
	TQJ27-250-030 ((R0.3)	
	TQJ27-300-020 (R0.2)	
	TQJ27-300-040 (R0.4)	
	TQJ27-350-020 (R0.2)	
	TQJ27-400-020 (R0.2)	

Please contact our sales team for detailed grade and stock information.

BEST-SELLING INSERT LIST

PICTURE 产品图片	CODE 型号	COMPATIBLE BRAND 适配品牌
	P3200-D08/10/12	Walter
	P3200-D16	Walter
	P3200-D20	Walter
	P3200-D25	Walter
	P3200-D30	Walter
	P3200-D32	Walter
	P3204-D08/10/12	Walter
	P3204-D16	Walter
	P3204-D20	Walter
	P3204-D25	Walter
	P3204-D30	Walter
	P3204-D32	Walter
	BNM 100	Dijet
	BNM 120	Dijet
	BNM 160	Dijet
	BNM 200	Dijet
	BNM 250	Dijet
	BNM 300	Dijet
	ZD/PFG 100	Hitachi
	ZD/PFG 120	Hitachi
	ZD/PFG 160	Hitachi
	ZD/PFG 200	Hitachi
	ZD/PFG 250	Hitachi
	ZD/PFG 300	Hitachi



PREMIUM QUALITY
Stable quality
for mass production



HIGH PERFORMANCE
80-90% performance of
Sandvik/Mitsubishi/Kyocera etc



GLOBAL TRUST
60+ countries,
10000+ clients trust

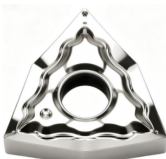
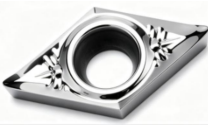
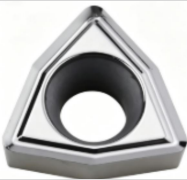


COST-EFFECTIVE
20-40% lower cost
per component

Aluminum

Grade: K10 (Similar to H01)

Ultra-sharp cutting edge for smooth and easy cutting
Mirror polished surface for excellent chip evacuation
Prevents built-up edge during aluminum machining
Low cutting resistance for high-speed machining
Excellent surface finish on aluminum and non-ferrous materials
Widely used for aluminum, copper and soft metal high-speed CNC machining applications.

TNMG	CNMG	WNMG	SNMG	VNMG	SEHT
					
TNMG160402-AK	CNMG120402-AK	WNMG080402-AK	SNMG120402-AK	VNMG160402-AK	SEHT1204AFTN
TNMG160404-AK	CNMG120404-AK	WNMG080404-AK	SNMG120404-AK	VNMG160404-AK	
TNMG160408-AK	CNMG120408-AK	WNMG080408-AK	SNMG120408-AK	VNMG160408-AK	
TNMG160412-AK	CNMG120412-AK	WNMG080412-AK			
DCGT	CCGT	VCGT	VBGT	SCGT	TCGT
					
DCGT070202-AK	CCGT060202-AK	VCGT110302-AK	VBGT110302-AK	SCGT120402-AK	TCGT090202-AK
DCGT070204-AK	CCGT060204-AK	VCGT110304-AK	VBGT110304-AK	SCGT120404-AK	TCGT090204-AK
DCGT070208-AK	CCGT060208-AK	VCGT110308-AK	VBGT110308-AK	SCGT120408-AK	TCGT090208-AK
DCGT11T302-AK	CCGT09T302-AK	VCGT160402-AK	VBGT160402-AK	SCGT120412-AK	TCGT110202-AK
DCGT11T304-AK	CCGT09T304-AK	VCGT160404-AK	VBGT160404-AK	SCGT09T302-AK	TCGT110204-AK
DCGT11T308-AK	CCGT09T308-AK	VCGT160408-AK	VBGT160408-AK	SCGT09T304-AK	TCGT110208-AK
	CCGT120402-AK	VCGT160412-AK		SCGT09T308-AK	TCGT16T302-AK
	CCGT120404-AK	VCGT160420-AK			TCGT16T304-AK
	CCGT120408-AK				TCGT16T308-AK
					TCGT16T312-AK
APKT-MA	APKT-MA3	APGT/APKT-G2	WCGT	SPPGT	RC/PGT
					
APKT1604PDER-MA	APKT1604PDER-MA3	APGT1604PDER-G2	WCGT030208-AL	SPGT050204-AL	RC/PGT06
		APKT1135PDER-G2	WCGT040208-AL	SPGT060204-AL	RC/PGT08
		APKT1003PDSR	WCGT050308-AL	SPGT07T308-AL	RCPGT1003
			WCGT06T308-AL	SPGT090408-AL	RC/PGT10T3
			WCGT080412-AL	SPGT110408-AL	RC/PGT12
				SPGT120412-AL	