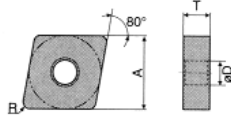
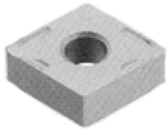



CNMG 80° DIAMOND TURNING INSERTS

CNMG INSERTS FOR STEELS

80° Diamond

Buy In Box Quantities & Save!



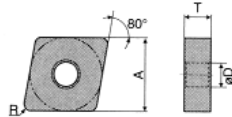
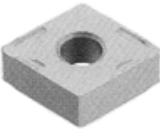
CNMG 4 3 2 
 I.C. size (A) Thickness (T) Radius (R) Chipbreaker


ANSI	ISO	IC (Inch)	T (Inch)	R (Inch)	Cutting Conditions	Operation/ Application	Chip Breaker	Grade	Part Number	Price 1-9 Pcs	Box Price
CNMG431	CNMG120404	1/2	3/16	0.016 1/64	Cont	Semi Finish	TS	NS9530	TO-6997695	\$9.45	\$6.93
					Cont	Semi Finish		AT9530	TO-6998061	\$10.89	\$7.99
					Cont - GP	Semi Finish		T9115	TO-6985223	\$11.61	\$8.51
					Cont & Int	Semi Finish	TM	T9125	TO-3517	\$11.61	\$8.51
					Cont - GP	Medium		T9115	TO-3513	\$11.61	\$8.51
					Cont & Int	Medium		T9125	TO-3514	\$11.61	\$8.51
Severely Int & Heavy Cutting	Medium	T9135	TO-3515	\$11.61	\$8.51						
CNMG432	CNMG120408	1/2	3/16	0.031 1/32	Cont - GP	Semi Finish	TS	T9115	TO-3527	\$11.61	\$8.51
					Cont & Int	Semi Finish		T9125	TO-3528	\$11.61	\$8.51
					Cont - GP	Medium	TM	T9115	TO-3524	\$11.61	\$8.51
					Cont & Int	Medium		T9125	TO-3525	\$11.61	\$8.51
					Severely Int & Heavy Cutting	Medium		T9135	TO-3526	\$11.61	\$8.51
					Cont - GP	Heavy	TH	T9115	TO-3520	\$11.61	\$8.51
					Cont & Int	Heavy		T9125	TO-3521	\$11.61	\$8.51
					Severely Int & Heavy Cutting	Heavy		T9135	TO-3522	\$11.61	\$8.51

CNMG INSERTS FOR STAINLESS STEELS

80° Diamond

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CNMG 4 3 2 
 I.C. size (A) Thickness (T) Radius (R) Chipbreaker

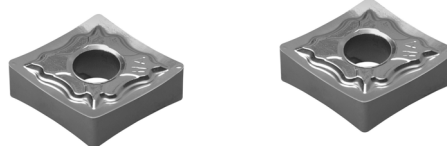
ANSI	ISO	IC (Inch)	T (Inch)	R (Inch)	Cutting Conditions	Operation/ Application	Chip Breaker	Grade	Part Number	Price 1-9 Pcs	Box Price
CNMG431	CNMG120404	1/2	3/16	0.016 1/64	Cont - General Purpose	Finish Turning	SS	T6120	TO-6994008	\$11.61	\$8.51
					Rough & Heavy Turning	Finish Turning	SS	T6130	TO-6994032	\$11.61	\$8.51
					Cont - General Purpose	Medium Turning	SM	T6120	TO-6805408	\$11.61	\$8.51
					Rough & Heavy Turning	Medium Turning	SM	T6130	TO-6805415	\$11.61	\$8.51
CNMG432	CNMG120408	1/2	3/16	0.031 1/32	Cont - General Purpose	Finish Turning	SS	T6120	TO-6994009	\$11.61	\$8.51
					Rough & Heavy Turning	Finish Turning	SS	T6130	TO-6994033	\$11.61	\$8.51
					Cont - General Purpose	Medium Turning	SM	T6120	TO-6805422	\$11.61	\$8.51
					Rough & Heavy Turning	Medium Turning	SM	T6130	TO-6805424	\$11.61	\$8.51
CNMG433	CNMG120412	1/2	3/16	0.047 3/64	Rough & Heavy Turning	Heavy Turning	TH	T6130	TO-6712235	\$11.61	\$8.51
					Rough & Heavy Turning	Finish Turning	SS	T6130	TO-6994034	\$11.61	\$8.51
					Rough & Heavy Turning	Medium Turning	SM	T6130	TO-6827243	\$11.61	\$8.51

CNMG INSERTS

For Machining Aluminum



- Grade H01-Uncoated grade for aluminum
- Sharp positive HA chipbreaker is ideal for aluminum
- For continuous non ferrous turning



Designation METRIC	Designation INCH	I.C	Thickness	Radius	Part Number	Price Each
CNMG Inserts with HA Chipbreaker Grade H01						
CNMG120404	CNMG431	1/2	3/16	0.016 (1/64)	KOY-2144	\$6.29
CNMG120408	CNMG432	1/2	3/16	0.031 (1/32)	KOY-2145	\$6.29

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CUTTING TOOLS
MACHINERY

PRECISION TOOLS
DEBURRING

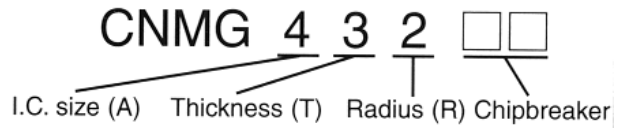
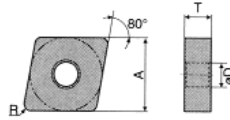
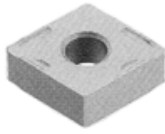
COOLANT/FLUIDS
TOOL STORAGE

CNMG 80° DIAMOND TURNING INSERTS

CNMG INSERTS FOR SUPER ALLOYS

80° Diamond

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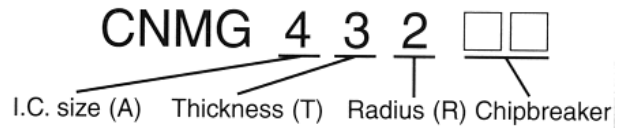
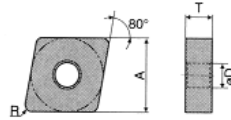
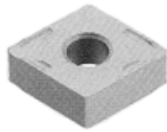


ANSI	ISO	IC (Inch)	T (Inch)	R (Inch)	Cutting Conditions	Operation/ Application	Chip Breaker	Grade	Part Number	Price 1-9 Pcs	Box Price
CNMG431	CNMG120404	1/2	3/16	0.016 1/64	Cont	Finish Turning	SA	AH110	TO-1265	\$11.61	\$8.51
					Cont & Int Turning	Finish Turning	SA	AH120	TO-1266	\$11.61	\$8.51
					Cont	Medium Turning	TM	AH110	TO-1284	\$11.61	\$8.51
					Cont & Int Turning	Medium Turning	TM	AH120	TO-1285	\$11.61	\$8.51
CNMG432	CNMG120408	1/2	3/16	0.031 1/32	Cont	Finish Turning	SA	AH110	TO-1330	\$11.61	\$8.51
					Cont & Int Turning	Finish Turning	SA	AH120	TO-1331	\$11.61	\$8.51
					Cont	Medium Turning	TM	AH110	TO-1363	\$11.61	\$8.51
					Cont & Int Turning	Medium Turning	TM	AH120	TO-1364	\$11.61	\$8.51
CNMG433	CNMG120412	1/2	3/16	0.047 3/64	Cont & Int Turning	Heavy Turning	TH	AH120	TO-1352	\$11.61	\$8.51
					Cont & Int Turning	Medium Turning	TM	AH120	TO-1435	\$11.61	\$8.51
CNMG543	CNMG160612	5/8	1/4	0.047	Cont & Int Turning	Heavy Turning	TH	AH120	TO-1425	\$11.61	\$8.51
					Cont & Int Turning	Heavy Turning	TH	AH120	TO-1477	\$19.89	\$14.59

CNMG/CNGG INSERTS FOR ALUMINUM

80° Diamond

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ANSI	ISO	IC (Inch)	T (Inch)	R (Inch)	Coating	Cutting Conditions	Chip Breaker	Grade	Part Number	Price 1-9 Pcs	Box Price
CNMG431	CNMG120404	1/2	3/16	0.016 1/64	Tialn Coated Carbide	Cont	28	AH110	TO-1302	\$11.61	\$8.51
					Tialn Coated Carbide	Cont & Int Turning	28	AH120	TO-1303	\$11.61	\$8.51
CNMG432	CNMG120408	1/2	3/16	0.031 1/32	Tialn Coated Carbide	Cont	28	AH110	TO-1381	\$11.61	\$8.51
					Tialn Coated Carbide	Cont & Int Turning	28	AH120	TO-1382	\$11.61	\$8.51
CNMG433	CNMG120412	1/2	3/16	0.047 3/64	Tialn Coated Carbide	Cont	28	AH110	TO-1434	\$11.61	\$8.51
CNGG431	CNGG120404	1/2	3/16	0.016 1/64	Uncoated Carbide	Cont	LP	TH10	TO-1205	\$19.62	\$14.39
CNGG432	CNGG120408	1/2	3/16	0.031 1/32	Uncoated Carbide	Cont	LP	TH10	TO-1208	\$19.62	\$14.39

GRADES & CHIPBREAKERS

TUNGALOY CHIPBREAKERS

Breaker	Operation
TS	Semi Finish Turning
TM	Medium Turning
TH	Heavy Turning
SS	Finish Turning
SM	Medium Turning
SA	Finish Turning
P	Very sharp cutting edge
PM	Medium To Rough Boring
PP	General Purpose Boring
PS	Finish To Medium Boring
28	General Turning



TUNGALOY GRADES

Grade	Coating/ Carbide Or Cermet	Cutting Conditions
NS530	Uncoated Cermet	Cont
AT530	Tialn Coated Cermet	Cont
T9105	Tic+n+al Oxide Coated Carbide	Cont - High Speed Turning
T9115	Tic+n+al Oxide Coated Carbide	Cont - General Purpose Turning
T9125	Tic+n+al Oxide Coated Carbide	Cont & Int Turning
T9135	Tic+n+al Oxide Coated Carbide	Severely Int & Heavy Cutting
T6020	Tic+n+al Oxide Coated Carbide	Cont - General Purpose Turning
T6030	Tic+n+al Oxide Coated Carbide	Rough & Heavy Turning
T5020	Tin Coated Carbide	Rough & Int Turning
AH110	Tialn Coated Carbide	Cont
AH120	Tialn Coated Carbide	Cont & Int Turning
TH10	Uncoated Carbide	Cont
H10T	Uncoated Carbide	Cont

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