

Carbide Inserts- ANSI and ISO Code

ANSI to ISO chart for cross reference. This chart is to cross reference the part numbers on carbide insert packaging from ANSI to ISO, lists IC (inscribed circle), insert thickness, and nose radius.

		DIMENSIONS		
ANSI CODE	ISO CODE	I.C.	Thickness	Nose Radius
CCMT21.51	CCMT060204	1/4	3/32	1/64
CCMT21.52	CCMT060208	1/4	3/32	1/32
CCMT32.51	CCMT09T304	3/8	5/32	1/64
CCMT32.52	CCMT09T308	3/8	5/32	1/32
CCMT432	CCMT120408	1/2	3/16	1/32
CNMA431	CNMA120404	1/2	3/16	1/64
CNMA432	CNMA120408	1/2	3/16	1/32
CNMA433	CNMA120412	1/2	3/16	3/64
CNMA542	CNMA160608	5/8	1/4	1/32
CNMA543	CNMA160612	5/8	1/4	3/64
CNMA642	CNMA190608	3/4	1/4	1/32
CNMA643	CNMA190612	3/4	1/4	3/64
CNMA644	CNMA190616	3/4	1/4	1/16
CNMA646	CNMA190624	3/4	1/4	3/32
CNMG431	CNMG120404	1/2	3/16	1/64
CNMG432	CNMG120408	1/2	3/16	1/32
CNMG433	CNMG120412	1/2	3/16	3/64
CNMG434	CNMG120416	1/2	3/16	1/16
CNMG542	CNMG160608	5/8	1/4	1/32
CNMG543	CNMG160612	5/8	1/4	3/64
CNMG642	CNMA190608	3/4	1/4	1/32
CNMG643	CNMA190612	3/4	1/4	3/64
CNMG644	CNMA190616	3/4	1/4	1/16
CNMP422	CNMP120308	1/2	1/8	1/32
CNMP431	CNMP120404	1/2	3/16	1/64
CNMP432	CNMP120408	1/2	3/16	1/32
CNMP642	CNMP190602	3/4	1/4	1/32
CNMP644	CNMP190616	3/4	1/4	1/16
CPG421	CPG120304	1/2	1/8	1/64
CPG422	CPG120308	1/2	1/8	1/32
CPG632	CPG190408	3/4	3/16	1/32
CPG633	CPG190412	3/4	3/16	3/64
DCMT32.51	DCMT11T304	3/8	5/32	1/64
DCMT32.52	DCMT11T308	3/8	5/32	1/32
DMNG431	DNMG150404	1/2	3/16	1/64
DMNG432	DNMG150408	1/2	3/16	1/32
DMNG433	DNMG150412	1/2	3/16	3/64
DNMG442	DNMG150608	1/2	1/4	1/32
DNMG443	DNMG150612	1/2	1/4	3/64
DNMG532	DNMG190408	5/8	3/16	1/32
DNMG533	DNMG190412	5/8	3/16	3/64
DNMG542	DNMG190608	5/8	1/4	1/32
DNMG543	DNMG190612	5/8	1/4	3/64
RNG32	RNG0903	3/8	1/8	-
RNG42	RNG1203	1/2	1/8	-
RNG43	RNG1204	1/2	3/16	-
RNG63	RNG1904	3/4	3/16	-
RNMA32	RNMA0903	3/8	1/8	-
RNMA43	RNMA1204	1/2	3/16	-
RNMA54	RNMA1506	5/8	1/4	-
RNMA64	RNMA1906	3/4	1/4	-
RNMA84	RNMA2506	1	1/4	-
RNMA86	RNMA2509	1	3/8	-
RNMA106	RNMA3109	1	1/4	3/8
RNMG32	RNMG0903	3/8	1/8	-
RNMG43	RNMG1204	1/2	3/16	-

		DIMENSIONS		
ANSI CODE	ISO CODE	I.C.	Thickness	Nose Radius
RNMG54	RNMG1506	5/8	1/4	-
RNMG64	RNMG1906	3/4	1/4	-
RNMG84	RNMG2506	1	1/4	-
RNMG86	RNMG2509	1	3/8	-
RNMG106	RNMG3109	1	1/4	3/8
RPG42	RPG1203	1/2	1/8	
SCMT32.51	SCMT09T304	3/8	5/32	1/64
SCMT32.52	SCMT09T308	3/8	5/32	1/32
SCMT431	SCMT120404	1/2	3/16	1/64
SCMT432	SCMT120408	1/2	3/16	1/32
SEKN42AFTN	SEKN1203AFTN	1/2	1/2	1/8
SEKN43AFTN	SEKN1204AFTN	1/2	3/16	
SNG321	SNG090304	3/8	1/8	1/64
SNG322	SNG90308	3/8	1/8	1/32
SNG323	SNG090312	3/8	1/8	3/64
SNG324	SNG090316	3/8	1/8	1/16
SNG420	SNG120301	1/2	1/8	0
SNG421	SNG120304	1/2	1/8	1/64
SNG422	SNG120308	1/2	1/8	1/32
SNG423	SNG120312	1/2	1/8	3/64
SNG424	SNG120316	1/2	1/8	1/16
SNG431	SNG120404	1/2	3/16	1/64
SNG432	SNG120408	1/2	3/16	1/32
SNG433	SNG120412	1/2	3/16	3/64
SNG434	SNG120416	1/2	3/16	1/16
SNG532	SNG150408	5/8	3/16	1/32
SNG533	SNG150412	5/8	3/16	3/64
SNG534	SNG150416	5/8	3/16	1/16
SNG631	SNG190404	3/4	3/16	1/64
SNG632	SNG190408	3/4	3/16	1/32
SNG633	SNG190412	3/4	3/16	3/64
SNG634	SNG190416	3/4	3/16	1/16
SNG638	SNG190432	3/4	3/16	1/8
SNG644	SNG190616	3/4	1/4	1/16
SNMA322	SNMA090308	3/8	1/8	1/32
SNMA432	SNMA120408	1/2	3/16	1/32
SNMA433	SNMA120412	1/2	3/16	3/64
SNMA434	SNMA120416	1/2	3/16	1/16
SNMA543	SNMA150612	5/8	1/4	3/64
SNMA633	SNMA190412	3/4	3/16	3/64
SNMA643	SNMA190612	3/4	1/4	3/64
SNMA644	SNMA190616	3/4	1/4	1/16
SNMA866	SNMA250924	1	3/8	3/32
SNMG321	SNMA090304	3/8	1/8	1/64
SNMG322	SNMA090308	3/8	1/8	1/32
SNMG323	SNMA090312	3/8	1/8	3/64
SNMG431	SNMA120404	1/2	3/16	1/64
SNMG432	SNMA120408	1/2	3/16	1/32
SNMG433	SNMA120412	1/2	3/16	3/64
SNMG434	SNMA120416	1/2	3/16	1/16
SNMG542	SNMA150608	5/8	1/4	1/32
SNMG543	SNMA150612	5/8	1/4	3/64
SNMG544	SNMA150616	5/8	1/4	1/16
SNMG633	SNMA190412	3/4	3/16	3/64
SNMG642	SNMA190608	3/4	1/4	1/32
SNMG643	SNMA190612	3/4	1/4	3/64
SNMG644	SNMA190616	3/4	1/4	1/16
SNMG648	SNMA190632	3/4	1/4	1/8
SNMG866	SNMA250924	1	3/8	3/32
SNMP432	SNMP120408	1/2	3/16	1/32
SNMP433	SNMP120412	1/2	3/16	3/64

		DIMENSIONS		
ANSI CODE	ISO CODE	I.C.	Thickness	Nose Radius
SNMP542	SNMP150608	5/8	1/4	1/32
SNMP543	SNMP150612	5/8	1/4	3/64
SNMP544	SNMP1250616	5/8	1/4	1/16
SNMP642	SNMP190608	3/4	1/4	1/32
SNMP643	SNMP190612	3/4	1/4	3/64
SNMP644	SNMP190616	3/4	1/4	1/16
SNU321	SNU090304	3/8	1/8	1/64
SNU322	SNU090308	3/8	1/8	1/32
SNU422	SNU120308	1/2	1/8	1/32
SNU423	SNU120312	1/2	1/8	3/64
SNU424	SNU120316	1/2	1/8	1/16
SNU432	SNU120408	1/2	3/16	1/32
SNU433	SNU120412	1/2	3/16	3/64
SNU434	SNU120416	1/2	3/16	1/16
SNU632	SNU190408	3/4	3/16	1/32
SNU633	SNU190412	3/4	3/16	3/64
SNU634	SNU190416	3/4	3/16	1/16
SNU643	SNU190612	3/4	1/4	3/64
SNU644	SNU190616	3/4	1/4	1/16
SPG320	SPG090301	3/8	1/8	0
SPG321	SPG090304	3/8	1/8	1/64
SPG322	SPG090308	3/8	1/8	1/32
SPG323	SPG090312	3/8	1/8	3/64
SPG420	SPG120301	1/2	1/8	0
SPG421	SPG120304	1/2	1/8	1/64
SPG422	SPG120308	1/2	1/8	1/32
SPG423	SPG120312	1/2	1/8	3/64
SPG424	SPG120316	1/2	1/8	1/16
SPG432	SPG120418	1/2	3/16	1/32
SPG433	SPG120412	1/2	3/16	3/64
SPG434	SPG120416	1/2	3/16	1/16
SPG438	SPG120432	1/2	3/16	1/8
SPG532	SPG150408	5/8	3/16	1/32
SPG533	SPG150412	5/8	3/16	3/64
SPG534	SPG150416	5/8	3/16	1/16
SPG631	SPG190404	3/4	3/16	1/64
SPG632	SPG190408	3/4	3/16	1/32
SPG633	SPG190412	3/4	3/16	3/64
SPG634	SPG190416	3/4	3/16	1/16
SPG638	SPG190432	3/4	3/16	1/8
SPMR321	SPMR090304	3/8	1/8	1/64
SPMR322	SPMR090308	3/8	1/8	1/32
SPMR421	SPMR120304	1/2	1/8	1/64
SPMR422	SPMR120308	1/2	1/8	1/32
SPMR423	SPMR120312	1/2	1/8	3/64
SPU321	SPU090304	3/8	1/8	1/64
SPU322	SPU090308	3/8	1/8	1/32
SPU323	SPU090316	3/8	1/8	1/16
SPU421	SPU120304	1/2	1/8	1/64
SPU422	SPU120308	1/2	1/8	1/32
SPU423	SPU120312	1/2	1/8	3/64
SPU424	SPU120316	1/2	1/8	1/16
SPU431	SPU120404	1/2	3/16	1/64
SPU432	SPU120408	1/2	3/16	1/32
SPU433	SPU120412	1/2	3/16	3/64
SPU434	SPU120416	1/2	3/16	1/16
SPU533	SPU150412	5/8	3/16	3/64
SPU534	SPU150416	5/8	3/16	1/16
SPU632	SPU190408	3/4	3/16	1/32
SPU633	SPU190412	3/4	3/16	3/64
SPU634	SPU190416	3/4	3/16	1/16

		DIMENSIONS		
ANSI CODE	ISO CODE	I.C.	Thickness	Nose Radius
TCMT731	TCMT090204	7/32	3/32	1/64
TCMT732	TCMT110204	1/4	3/32	1/64
TCMT21.51	TCMT110204	1/4	3/32	1/64
TCMT21.52	TCMT110208	1/4	3/32	1/32
TCMT32.51	TCMT16T304	3/8	5/32	1/64
TCMT32.52	TCMT16T308	3/8	5/32	1/32
TCMT432	TCMT220408	1/2	3/16	1/32
TDGW21.51	TDGW110204	1/4	3/32	1/64
TDGW21.52	TDGW110208	1/4	3/32	1/32
TDGW321	TDGW160304	3/8	1/8	1/64
TDGW322	TDGW160308	3/8	1/8	1/32
TDGW431	TDGW160404	1/2	3/16	1/64
TDGW432	TDGW160408	1/2	3/16	1/32
TNG220	TNG110301	1/4	1/8	
TNG221	TNG110304	1/4	1/8	1/64
TNG222	TNG110308	1/4	1/2	1/32
TNG223	TNG110312	1/4	1/2	3/64
TNG320	TNG160301	3/8	1/8	
TNG321	TNG160304	3/8	1/8	1/64
TNG322	TNG160308	3/8	1/8	1/32
TNG323	TNG160312	3/8	1/8	3/64
TNG324	TNG160316	3/8	1/8	1/16
TNG331	TNG160404	3/8	3/16	1/64
TNG332	TNG160408	3/8	3/16	1/32
TNG333	TNG160412	3/8	3/16	3/64
TNG334	TNG160416	1/2	3/16	1/16
TNG430	TNG220401	1/2	3/16	
TNG431	TNG220404	1/2	3/16	1/64
TNG432	TNG220408	1/2	3/16	1/32
TNG433	TNG220412	1/2	3/16	3/64
TNG434	TNG220416	1/2	3/16	1/16
TNG438	TNG220432	1/2	3/16	1/8
TNG444	TNG220616	1/2	1/4	1/16
TNG542	TNG270608	5/8	1/4	1/32
TNG544	TNG270616	5/8	1/4	1/16
TNMA222	TNMA110308	1/4	1/8	1/32
TNMA321	TNMA160304	3/8	1/8	1/64
TNMA322	TNMA160308	3/8	1/8	1/32
TNMA323	TNMA160312	3/8	1/8	3/64
TNMA324	TNMA160316	3/8	1/8	1/16
TNMA332	TNMA160408	3/8	3/16	1/32
TNMA333	TNMA160412	3/8	3/16	3/64
TNMA431	TNMA220404	1/2	3/16	1/64
TNMA432	TNMA220408	1/2	3/16	1/32
TNMA433	TNMA220412	1/2	3/16	3/64
TNMA434	TNMA220416	1/2	3/16	1/16
TNMA438	TNMA220432	1/2	3/16	1/8
TNMA542	TNMA270608	5/8	1/4	1/32
TNMA543	TNMA270612	5/8	1/4	3/64
TNMA544	TNMA270616	5/8	1/4	1/16
TNMA666	TNMA330924	3/4	3/8	3/32
TNMG221	TNMG110304	1/4	1/8	1/32
TNMG222	TNMG110308	1/4	1/8	1/32
TNMG321	TNMG160304	3/8	1/8	1/64
TNMG322	TNMG160308	3/8	1/8	1/32
TNMG323	TNMG160312	3/8	1/8	3/64
TNMG324	TNMG160316	3/8	1/8	1/16
TNMG331	TNMG160404	3/8	3/16	1/64
TNMG332	TNMG160408	3/8	3/16	1/32
TNMG333>	TNMG160412	3/8	3/16	3/64
TNMG431	TNMG220404	1/2	3/16	1/64

		DIMENSIONS		
ANSI CODE	ISO CODE	I.C.	Thickness	Nose Radius
TNMG432	TNMG220408	1/2	3/16	1/32
TNMG433	TNMG220412	1/2	3/16	3/64
TNMG434	TNMG220416	1/2	3/16	1/16
TNMG438	TNMG220432	1/2	3/16	1/8
TNMG542	TNMG271608	5/8	1/4	1/32
TNMG543	TNMG270612	5/8	1/4	3/64
TNMG544	TNMG270616	5/8	1/4	1/16
TNMG548	TNMG270632	5/8	1/4	1/8
TNMG666	TNMG330924	3/4	3/8	3/32
TNMP321	TNMP160304	3/8	1/8	1/64
TNMP322	TNMP160308	3/8	1/8	1/32
TNMP323	TNMP160312	3/8	1/8	3/64
TNMP331	TNMP160404	3/8	3/16	1/64
TNMP332	TNMP160408	3/8	3/16	1/32
TNMP333	TNMP160412	3/8	3/16	3/64
TNMP431	TNMP220404	1/2	3/16	1/64
TNMP432	TNMP220408	1/2	3/16	1/32
TNMP433	TNMP220412	1/2	3/16	3/64
TNMP434	TNMP220416	1/2	3/16	1/16
TNMP543	TNMP270612	5/8	1/4	3/64
TNMP544	TNMP270616	5/8	1/4	1/16
TNU221	TNU110304	1/4	1/8	1/64
TNU222	TNU110308	1/4	1/8	1/32
TNU321	TNU160304	3/8	1/8	1/64
TNU322	TNU160308	3/8	1/8	1/32
TNU323	TNU160312	3/8	1/8	3/64
TNU324	TNU160316	3/8	1/8	1/16
TNU332	TNU160408	3/8	3/19	1/32
TNU333	TNU160412	3/8	3/16	3/64
TNU334	TNU160416	3/8	3/16	1/16
TNU431	TNU220404	1/2	3/16	1/64
TNU432	TNU220408	1/2	3/16	1/32
TNU433	TNU220412	1/2	3/16	3/64
TNU434	TNU220416	1/2	3/16	1/16
TNU444	TNU220616	1/2	1/4	1/16
TNU542	TNU270608	5/8	1/4	1/32
TNU544	TNU270616	5/8	1/4	1/16
TPG220	TPG110301	1/4	1/8	
TPG221	TPG110304	1/4	1/8	1/64
TPG222	TPG110308	1/4	1/8	1/32
TPG320	TPG160301	3/8	1/8	
TPG321	TPG160304	3/8	1/8	1/64
TPG322	TPG160308	3/8	1/8	1/32
TPG323	TPG160312	3/8	1/8	3/64
TPG324	TPG160316	3/8	1/8	1/16
TPG328	TPG160332	3/8	1/8	1/8
TPG332	TPG160408	3/8	3/16	1/32
TPG333	TPG160412	3/8	3/16	3/64
TPG430	TPG220401	1/2	3/16	
TPG431	TPG220404	1/2	3/16	1/64
TPG432	TPG220408	1/2	3/16	1/32
TPG433	TPG220412	1/2	3/16	3/64
TPG434	TPG220416	1/2	3/16	1/16
TPG438	TPG220432	1/2	3/16	1/8
TPG532	TPG270408	5/8	3/16	1/32
TPG534	TPG270416	5/8	3/16	1/16
TPG542	TPG270608	5/8	1/4	1/32
TPG543	TPG270612	5/8	1/4	3/64
TPG544	TPG270616	5/8	1/4	1/16
TPGA221	TPGA110304	1/4	1/8	1/64
TPGA222	TPGA110308	1/4	1/8	1/32

		DIMENSIONS		
ANSI CODE	ISO CODE	I.C.	Thickness	Nose Radius
TPGA321	TPGA160304	3/8	1/8	1/64
TPGA322	TPGA160308	3/8	1/8	1/32
TPGB21.51	TPGB110204	1/4	3/32	1/64
TPGB21.52	TPGB110208	1/4	3/32	1/32
TPGB221	TPGB110304	1/4	1/8	1/64
TPGB222	TPGB110308	1/4	1/8	1/32
TPGB321	TPGB160304	3/8	1/8	1/64
TPGB322	TPGB160308	3/8	1/8	1/32
TPGH321	TPGH160304	3/8	1/8	1/64
TPGH433	TPGH220412	1/2	3/16	3/64
TPGM21.51	TPGM110204	1/4	3/32	1/64
TPGM21.52	TPGM110208	1/4	3/32	1/32
TPGM32.51	TPGM16T304	3/8	5/32	1/64
TPGM32.52	TPGM16T308	3/8	5/32	1/32
TPGM321	TPGM160304	3/8	1/8	1/64
TPGM322	TPGM160308	3/8	1/8	1/32
TPMR221	TPMR110304	1/4	1/8	1/64
TPMR222	TPMR110308	1/4	1/8	1/32
TPMR321	TPMR160304	3/8	1/8	1/64
TPMR322	TPMR160308	3/8	1/8	1/32
TPMR323	TPMR160312	3/8	1/8	3/64
TPMR432	TPMR220408	1/2	3/16	1/32
TPU221	TPU110304	1/4	1/8	1/64
TPU222	TPU110308	1/4	1/8	1/32
TPU321	TPU160304	3/8	1/8	1/64
TPU322	TPU160308	3/8	1/8	1/32
TPU323	TPU160312	3/8	1/8	3/64
TPU324	TPU160316	3/8	1/8	1/16
TPU431	TPU220404	1/2	3/16	1/64
TPU432	TPU220408	1/2	3/16	1/32
TPU433	TPU220412	1/2	3/16	3/64
TPU434	TPU220416	1/2	3/16	1/16
TPU544	TPU270616	5/8	1/4	1/16
VBMT331	VBMT160404	3/8	3/16	1/64
VBMT332	VBMT160408	3/8	3/16	1/32
VNMG331	VNMG160404	3/8	3/16	1/64
VNMG332	VNMG160408	3/8	3/16	1/32
VNMG333	VNMG160412	3/8	3/16	3/64
VNMG431	VNMG220404	1/2	3/16	1/64
VNMG432	VNMG220408	1/2	3/16	1/32
VNMG433	VNMG220412	1/2	3/16	3/64
WNMG431	WNMG080404	1/2	3/16	1/64
WNMG432	WNMG080402	1/2	3/16	1/32