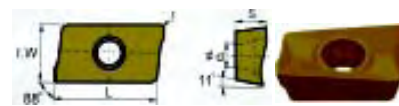
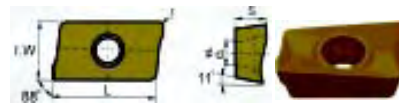


Carbide Inserts
APKT/PF

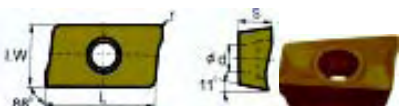
ISO Insert No.	I.W.	L	S	d	r	Grade	Order No.
APKT-11T304-PF	6.5	12.24	3.6	2.8	0.4	GC4030	431-1001
APKT-160408-PF	9.33	17.877	5.76	4.4	0.8	GC4030	431-1002


APKT/PM

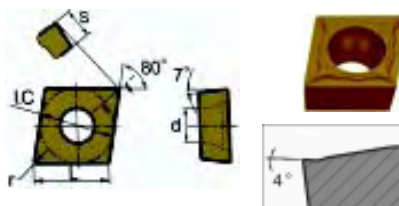
ISO Insert No.	I.W.	L	S	d	r	Grade	Order No.
APKT-11T304-PM	6.5	12.24	3.6	2.8	0.4	GC4030	431-1003
APKT-160408-PM	9.33	17.877	5.76	4.4	0.8	GC4030	431-1004


APKT/PR

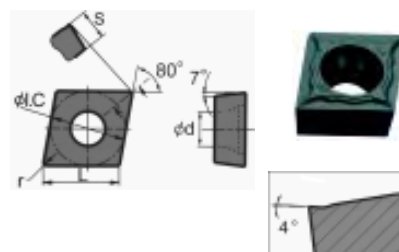
ISO Insert No.	I.W.	L	S	d	r	Grade	Order No.
APKT-11T304-PR	6.5	12.24	3.6	2.8	0.4	GC4040	431-1005
APKT-160408-PR	9.33	17.877	5.76	4.4	0.8	GC4040	431-1006


CCMT/HF

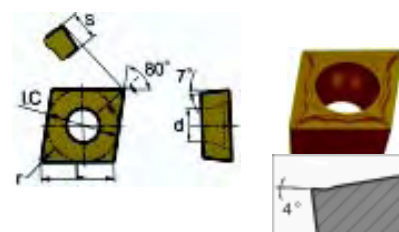
ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
CCMT-060202-HF	CCMT-21.50-HF	6.4	6.35	2.38	2.8	0.2	GC4015	431-1011
CCMT-060204-HF	CCMT-21.51-HF	6.4	6.35	2.38	2.8	0.4	GC4015	431-1012
CCMT-060208-HF	CCMT-21.52-HF	6.4	6.35	2.38	2.8	0.8	GC4015	431-1013
CCMT-09T308-HF	CCMT-32.52-HF	9.7	9.525	3.97	4.4	0.8	GC4015	431-1014
CCMT-120404-HF	CCMT-431-HF	12.9	12.7	4.76	5.5	0.4	GC4015	431-1015


CCMT/HF

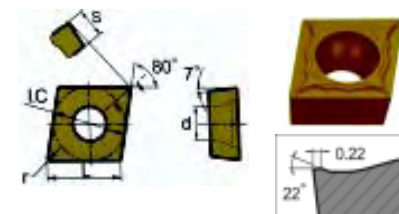
ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
CCMT-060202-HF	CCMT-21.50-HF	6.4	6.35	2.38	2.8	0.2	CT525	431-1021
CCMT-060204-HF	CCMT-21.51-HF	6.4	6.35	2.38	2.8	0.4	CT525	431-1022
CCMT-060208-HF	CCMT-21.52-HF	6.4	6.35	2.38	2.8	0.8	CT525	431-1023
CCMT-09T302-HF	CCMT-32.50-HF	9.7	9.525	3.97	4.4	0.2	CT525	431-1024
CCMT-09T304-HF	CCMT-32.51-HF	9.7	9.525	3.97	4.4	0.4	CT525	431-1025
CCMT-09T308-HF	CCMT-32.52-HF	9.7	9.525	3.97	4.4	0.8	CT525	431-1026
CCMT-120404-HF	CCMT-431-HF	12.9	12.7	4.76	5.5	0.4	CT525	431-1027


CCMT/HM

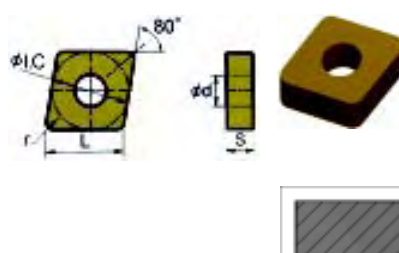
ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
CCMT-060204-HM	CCMT-21.51-HM	6.4	6.35	2.38	2.8	0.4	GC4025	431-1031
CCMT-060208-HM	CCMT-21.52-HM	6.4	6.35	2.38	2.8	0.8	GC4025	431-1032
CCMT-09T304-HM	CCMT-32.51-HM	9.7	9.525	3.97	4.4	0.4	GC4025	431-1033
CCMT-09T308-HM	CCMT-32.52-HM	9.7	9.525	3.97	4.4	0.8	GC4025	431-1034
CCMT-120404-HM	CCMT-431-HM	12.9	12.7	4.76	5.6	0.4	GC4025	431-1035
CCMT-120408-HM	CCMT-432-HM	12.9	12.7	4.76	5.6	0.8	GC4025	431-1036
CCMT-120412-HM	CCMT-433-HM	12.9	12.7	4.76	5.6	1.2	GC4025	431-1037


CCMT/HR

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
CCMT-060204-HR	CCMT-21.51-HR	6.4	6.35	2.38	2.8	0.4	GC4025	431-1041
CCMT-060208-HR	CCMT-21.52-HR	6.4	6.35	2.38	2.8	0.8	GC4025	431-1042
CCMT-09T304-HR	CCMT-32.51-HR	9.7	9.525	3.97	4.4	0.4	GC4025	431-1043
CCMT-09T308-HR	CCMT-32.52-HR	9.7	9.525	3.97	4.4	0.8	GC4025	431-1044
CCMT-120408-HR	CCMT-432-HR	12.9	12.7	4.76	5.6	0.8	GC4025	431-1045
CCMT-120412-HR	CCMT-433-HR	12.9	12.7	4.76	5.6	1.2	GC4025	431-1046


CNMA

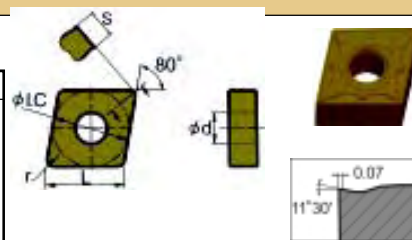
ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
CNMA-120404	CNMA-431	12.7	12.9	4.76	5.16	0.4	GC3015	431-1051
CNMA-120408	CNMA-432	12.7	12.9	4.76	5.16	0.8	GC3015	431-1052
CNMA-120412	CNMA-433	12.7	12.9	4.76	5.16	1.2	GC3015	431-1053
CNMA-120416	CNMA-434	12.7	12.9	4.76	5.16	1.6	GC3015	431-1054
CNMA-160612	CNMA-543	15.875	16.1	6.35	6.35	1.2	GC3015	431-1055
CNMA-160620	CNMA-545	15.875	16.1	6.35	6.35	2.0	GC3015	431-1056
CNMA-190612	CNMA-643	19.05	19.3	6.35	7.94	1.2	GC3015	431-1057
CNMA-190616	CNMA-644	19.05	19.3	6.35	7.94	1.6	GC3015	431-1058



Carbide Inserts

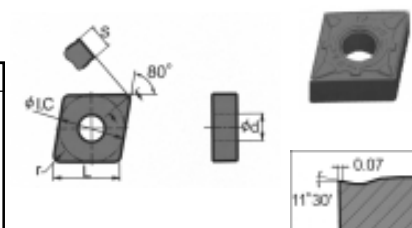
CNMG/DF

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
CNMG-090304-DF	CNMG-321-DF	9.525	9.7	3.18	3.81	0.4	GC4015	431-1060
CNMG-090308-DF	CNMG-322-DF	9.525	9.7	3.18	3.81	0.8	GC4015	431-1061
CNMG-120404-DF	CNMG-432-DF	12.7	12.9	4.76	5.16	0.4	GC4015	431-1062
CNMG-120408-DF	CNMG-432-DF	12.7	12.9	4.76	5.16	0.8	GC4015	431-1063
CNMG-120412-DF	CNMG-433-DF	12.7	12.9	4.76	5.16	1.2	GC4015	431-1064



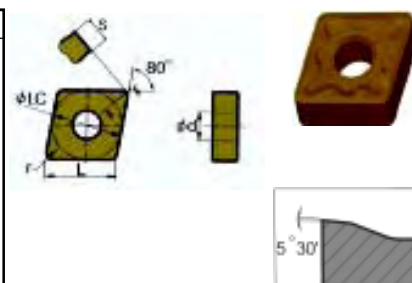
CNMG/DF

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
CNMG-090304-DF	CNMG-321-DF	9.525	9.7	3.18	3.81	0.4	CT525	431-1065
CNMG-090308-DF	CNMG-322-DF	9.525	9.7	3.18	3.81	0.8	CT525	431-1066
CNMG-120404-DF	CNMG-432-DF	12.7	12.9	4.76	5.16	0.4	CT525	431-1067
CNMG-120408-DF	CNMG-432-DF	12.7	12.9	4.76	5.16	0.8	CT525	431-1068
CNMG-120412-DF	CNMG-433-DF	12.7	12.9	4.76	5.16	1.2	CT525	431-1069



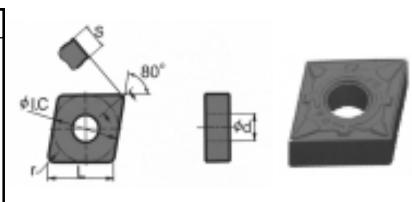
CNMG/DM

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
CNMG-090304-DM	CNMG-321-DM	9.525	9.7	3.18	3.81	0.4	GC4025	431-1070
CNMG-090308-DM	CNMG-322-DM	9.525	9.7	3.18	3.81	0.8	GC4025	431-1071
CNMG-090312-DM	CNMG-323-DM	9.525	9.7	3.18	3.81	1.2	GC4025	431-1072
CNMG-120404-DM	CNMG-431-DM	12.7	12.9	4.76	5.16	0.4	GC4025	431-1073
CNMG-120408-DM	CNMG-432-DM	12.7	12.9	4.76	5.16	0.8	GC4025	431-1074
CNMG-120412-DM	CNMG-433-DM	12.7	12.9	4.76	5.16	1.2	GC4025	431-1075
CNMG-120416-DM	CNMG-434-DM	12.7	12.9	4.76	5.16	1.6	GC4025	431-1076
CNMG-160608-DM	CNMG-541-DM	15.875	16.1	6.35	6.35	0.8	GC4025	431-1077
CNMG-160612-DM	CNMG-542-DM	15.875	16.1	6.35	6.35	1.2	GC4025	431-1078
CNMG-160616-DM	CNMG-543-DM	15.875	16.1	6.35	6.35	1.6	GC4025	431-1079



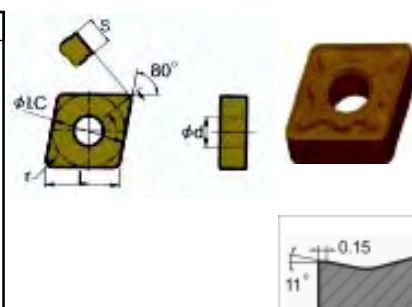
CNMG/DM

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
CNMG-090304-DM	CNMG-321-DM	9.525	9.7	3.18	3.81	0.4	CT525	431-1080
CNMG-090308-DM	CNMG-322-DM	9.525	9.7	3.18	3.81	0.8	CT525	431-1081
CNMG-120404-DM	CNMG-431-DM	12.7	12.9	4.76	5.16	0.4	CT525	431-1082
CNMG-120408-DM	CNMG-432-DM	12.7	12.9	4.76	5.16	0.8	CT525	431-1083
CNMG-120412-DM	CNMG-433-DM	12.7	12.9	4.76	5.16	1.2	CT525	431-1084
CNMG-120416-DM	CNMG-434-DM	12.7	12.9	4.76	5.16	1.6	CT525	431-1085



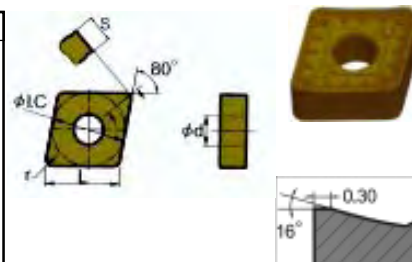
CNMG/PM

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
CNMG-090304-PM	CNMG-321-PM	9.525	9.7	3.18	3.81	0.4	GC4025	431-1090
CNMG-090308-PM	CNMG-322-PM	9.525	9.7	3.18	3.81	0.8	GC4025	431-1091
CNMG-090312-PM	CNMG-323-PM	9.525	9.7	3.18	3.81	1.2	GC4025	431-1092
CNMG-120404-PM	CNMG-431-PM	12.7	12.9	4.76	5.16	0.4	GC4025	431-1093
CNMG-120408-PM	CNMG-432-PM	12.7	12.9	4.76	5.16	0.8	GC4025	431-1094
CNMG-120412-PM	CNMG-433-PM	12.7	12.9	4.76	5.16	1.2	GC4025	431-1095
CNMG-120416-PM	CNMG-434-PM	12.7	12.9	4.76	5.16	1.6	GC4025	431-1096
CNMG-160608-PM	CNMG-542-PM	15.875	16.1	6.35	6.35	0.8	GC4025	431-1097
CNMG-160616-PM	CNMG-544-PM	15.875	16.1	6.35	6.35	1.6	GC4025	431-1098
CNMG-190608-PM	CNMG-642-PM	19.05	19.3	6.35	7.94	0.8	GC4025	431-1099
CNMG-190612-PM	CNMG-643-PM	19.05	19.3	6.35	7.94	1.2	GC4025	431-1100



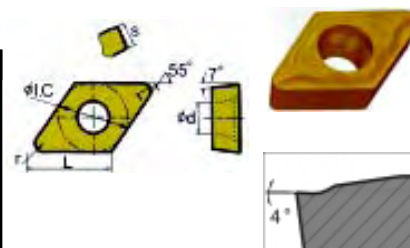
CNMM/DR

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
CNMM-120408-DR	CNMM-432-DR	12.7	12.9	4.76	5.16	0.8	GC4025	431-1101
CNMM-120412-DR	CNMM-433-DR	12.7	12.9	4.76	5.16	1.2	GC4025	431-1102
CNMM-120416-DR	CNMM-434-DR	12.7	12.9	4.76	5.16	1.6	GC4025	431-1103
CNMM-160608-DR	CNMM-542-DR	15.875	16.1	6.35	6.35	0.8	GC4025	431-1104
CNMM-160612-DR	CNMM-543-DR	15.875	16.1	6.35	6.35	1.2	GC4025	431-1105
CNMM-160616-DR	CNMM-544-DR	15.875	19.1	6.35	6.35	1.6	GC4025	431-1106
CNMM-190612-DR	CNMM-643-DR	19.05	19.3	6.35	7.94	1.2	GC4025	431-1107
CNMM-190616-DR	CNMM-644-DR	19.05	19.3	6.35	7.94	1.6	GC4025	431-1108

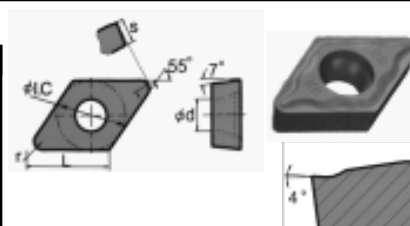


Carbide Inserts
DCMT/HF

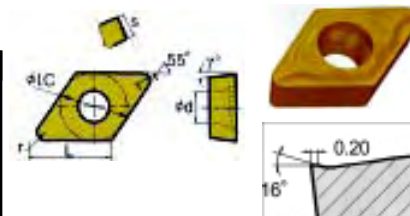
ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
DCMT-070202-HF	DCMT-21.50-HF	6.35	7.8	2.38	2.8	0.2	GC4015	431-1111
DCMT-070204-HF	DCMT-21.51-HF	6.35	7.8	2.38	2.8	0.4	GC4015	431-1112
DCMT-070208-HF	DCMT-21.52-HF	6.35	7.8	2.38	2.8	0.8	GC4015	431-1113
DCMT-11T302-HF	DCMT-32.50-HF	9.525	11.6	3.97	4.4	0.2	GC4015	431-1114
DCMT-11T304-HF	DCMT-32.51-HF	9.525	11.6	3.97	4.4	0.4	GC4015	431-1115
DCMT-11T308-HF	DCMT-32.52-HF	9.525	11.6	3.97	4.4	0.8	GC4015	431-1116


DCMT/HF

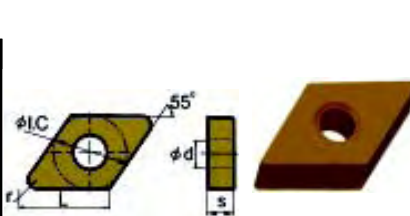
ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
DCMT-070202-HF	DCMT-21.50-HF	6.35	7.8	2.38	2.8	0.2	CT525	431-1121
DCMT-070204-HF	DCMT-21.51-HF	6.35	7.8	2.38	2.8	0.4	CT525	431-1122
DCMT-070208-HF	DCMT-21.52-HF	6.35	7.8	2.38	2.8	0.8	CT525	431-1123
DCMT-11T302-HF	DCMT-32.50-HF	9.525	11.6	3.97	4.4	0.2	CT525	431-1124
DCMT-11T304-HF	DCMT-32.51-HF	9.525	11.6	3.97	4.4	0.4	CT525	431-1125
DCMT-11T308-HF	DCMT-32.52-HF	9.525	11.6	3.97	4.4	0.8	CT525	431-1126


DCMT/HM

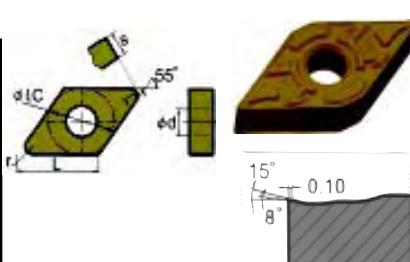
ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
DCMT-070204-HM	DCMT-21.51-HM	6.35	7.8	2.38	2.8	0.4	GC4025	431-1131
DCMT-070208-HM	DCMT-21.52-HM	6.35	7.8	2.38	2.8	0.8	GC4025	431-1132
DCMT-11T304-HM	DCMT-32.51-HM	9.525	11.6	3.97	4.4	0.4	GC4025	431-1133
DCMT-11T308-HM	DCMT-32.52-HM	9.525	11.6	3.97	4.4	0.8	GC4025	431-1134
DCMT-11T312-HM	DCMT-32.53-HM	9.525	11.6	3.97	4.4	1.2	GC4025	431-1135


DNMA

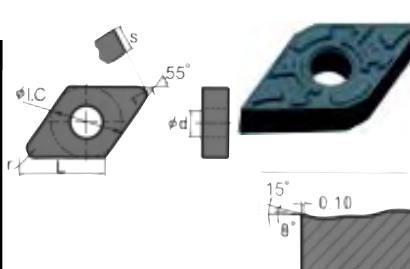
ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
DNMA-110416	DNMA-334	9.525	11.6	4.76	3.81	1.6	GC3015	431-1141
DNMA-110424	DNMA-336	9.525	11.6	4.76	3.81	2.4	GC3015	431-1142
DNMA-150404	DNMA-431	12.7	15.5	4.76	5.16	0.4	GC3015	431-1143
DNMA-150604	DNMA-441	12.7	15.5	6.35	5.16	0.4	GC3015	431-1144
DNMA-150608	DNMA-442	12.7	15.5	6.35	5.16	0.8	GC3015	431-1145
DNMA-150612	DNMA-443	12.7	15.5	6.35	5.16	1.2	GC3015	431-1146
DNMA-150616	DNMA-444	12.7	15.5	6.35	5.16	1.6	GC3015	431-1147


DNMG/DF

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
DNMG-110404-DF	DNMG-331-DF	9.525	11.6	4.76	3.81	0.4	GC4025	431-1151
DNMG-110408-DF	DNMG-332-DF	9.525	11.6	4.76	3.81	0.8	GC4025	431-1152
DNMG-110412-DF	DNMG-333-DF	9.525	11.6	4.76	3.81	1.2	GC4025	431-1153
DNMG-150404-DF	DNMG-431-DF	12.7	15.5	4.76	5.16	0.4	GC4025	431-1154
DNMG-150408-DF	DNMG-432-DF	12.7	15.5	4.76	5.16	0.8	GC4025	431-1155
DNMG-150604-DF	DNMG-441-DF	12.7	15.5	6.35	5.16	0.4	GC4025	431-1156
DNMG-150608-DF	DNMG-442-DF	12.7	15.5	6.35	5.16	0.8	GC4025	431-1157
DNMG-150612-DF	DNMG-443-DF	12.7	15.5	6.35	5.16	1.2	GC4025	431-1158


DNMG/DF TiCN/AlCoATED

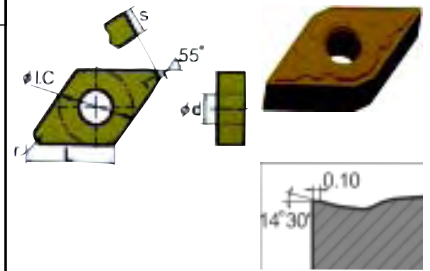
ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
DNMG-110404-DF	DNMG-331-DF	9.525	11.6	4.76	3.81	0.4	YBC152	431-1161
DNMG-110408-DF	DNMG-332-DF	9.525	11.6	4.76	3.81	0.8	YBC152	431-1162
DNMG-110412-DF	DNMG-333-DF	9.525	11.6	4.76	3.81	1.2	YBC152	431-1163
DNMG-150404-DF	DNMG-431-DF	12.7	15.5	4.76	5.16	0.4	YBC152	431-1164
DNMG-150408-DF	DNMG-432-DF	12.7	15.5	4.76	5.16	0.8	YBC152	431-1165
DNMG-150604-DF	DNMG-441-DF	12.7	15.5	6.35	5.16	0.4	YBC152	431-1166
DNMG-150608-DF	DNMG-442-DF	12.7	15.5	6.35	5.16	0.8	YBC152	431-1167
DNMG-150612-DF	DNMG-443-DF	12.7	15.5	6.35	5.16	1.2	YBC152	431-1168



Carbide Inserts

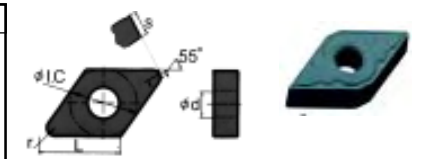
DNMG/DM

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
DNMG-110404-DM	DNMG-331-DM	9.525	11.6	4.76	3.81	0.4	GC4025	431-1171
DNMG-110408-DM	DNMG-332-DM	9.525	11.6	4.76	3.81	0.8	GC4025	431-1172
DNMG-110412-DM	DNMG-333-DM	9.525	11.6	4.76	3.81	1.2	GC4025	431-1173
DNMG-150404-DM	DNMG-431-DM	12.7	15.5	4.76	5.16	0.4	GC4025	431-1174
DNMG-150408-DM	DNMG-432-DM	12.7	15.5	4.76	5.16	0.8	GC4025	431-1175
DNMG-150412-DM	DNMG-433-DM	12.7	15.5	4.76	5.16	1.2	GC4025	431-1176
DNMG-150604-DM	DNMG-441-DM	12.7	15.5	6.35	5.16	0.4	GC4025	431-1177
DNMG-150608-DM	DNMG-442-DM	12.7	15.5	6.35	5.16	0.8	GC4025	431-1178
DNMG-150612-DM	DNMG-443-DM	12.7	15.5	6.35	5.16	1.2	GC4025	431-1179



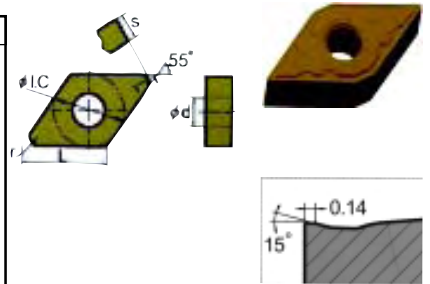
DNMG/DM

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
DNMG-110404-DM	DNMG-331-DM	9.525	11.6	4.76	3.81	0.4	CT525	431-1181
DNMG-150404-DM	DNMG-431-DM	12.7	15.5	4.76	5.16	0.4	CT525	431-1182
DNMG-150408-DM	DNMG-432-DM	12.7	15.5	4.76	5.16	0.8	CT525	431-1183
DNMG-150604-DM	DNMG-441-DM	12.7	15.5	6.35	5.16	0.4	CT525	431-1184
DNMG-150608-DM	DNMG-442-DM	12.7	15.5	6.35	5.1	0.8	CT525	431-1185



DNMG/PM

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
DNMG-110404-PM	DNMG-331-PM	9.525	11.6	4.76	3.81	0.4	GC4025	431-1191
DNMG-110408-PM	DNMG-332-PM	9.525	11.6	4.76	3.81	0.8	GC4025	431-1192
DNMG-110412-PM	DNMG-333-PM	9.525	11.6	4.76	3.81	1.2	GC4025	431-1193
DNMG-150404-PM	DNMG-431-PM	12.7	15.5	4.76	5.16	0.4	GC4025	431-1194
DNMG-150408-PM	DNMG-432-PM	12.7	15.5	4.76	5.16	0.8	GC4025	431-1195
DNMG-150412-PM	DNMG-433-PM	12.7	15.5	4.76	5.16	1.2	GC4025	431-1196
DNMG-150604-PM	DNMG-441-PM	12.7	15.5	6.35	5.16	0.4	GC4025	431-1197
DNMG-150608-PM	DNMG-442-PM	12.7	15.5	6.35	5.16	0.8	GC4025	431-1198
DNMG-150612-PM	DNMG-443-PM	12.7	15.5	6.35	5.16	1.2	GC4025	431-1199



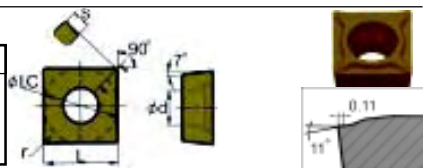
GTN

ISO Insert No.	Lead Angle	Width	C2 Order No.	C6 Order No.	TiN Coated Order No.
GTN-3	0	3.1	431-1201	431-1205	431-1301
GTN-4	0	4.1	431-1202	431-1206	431-1302
GTN-5	0	5.1	431-1203	431-1207	431-1303
GTN-6	0	6.1	431-1204	431-1208	431-1304



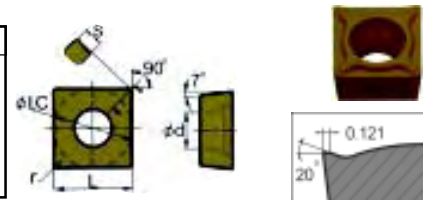
SCMT/HF

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
SCMT-09T302-HF	SCMT-32.50-HF	9.525	9.525	3.97	4.4	0.2	GC4015	431-1311
SCMT-09T304-HF	SCMT-32.51-HF	9.525	9.525	3.97	4.4	0.4	GC4015	431-1312
SCMT-09T308-HF	SCMT-32.52-HF	9.525	9.525	3.97	4.4	0.8	GC4015	431-1313



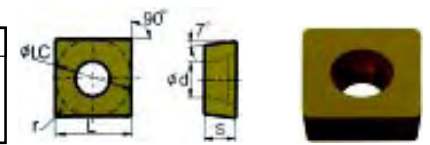
SCMT/HM

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
SCMT-09T304-HM	SCMT-32.51-HM	9.525	9.525	3.97	4.4	0.4	GC4025	431-1315
SCMT-09T308-HM	SCMT-32.52-HM	9.525	9.525	3.97	4.4	0.8	GC4025	431-1316
SCMT-120404-HM	SCMT-431-HM	12.7	12.7	4.76	5.56	0.4	GC4025	431-1317
SCMT-120408-HM	SCMT-432-HM	12.7	12.7	4.76	5.56	0.8	GC4025	431-1318
SCMT-120412-HM	SCMT-433-HM	12.7	12.7	4.76	5.56	1.2	GC4025	431-1319



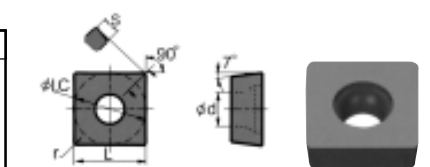
SCMW

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
SCMW-060204	SCMW-21.51	6.35	6.35	2.38	2.8	0.4	GC3015	431-1321
SCMW-09T304	SCMW-32.51	9.525	9.525	3.97	4.4	0.4	GC3015	431-1322
SCMW-09T308	SCMW-32.52	9.525	9.525	3.97	4.4	0.8	GC3015	431-1323



SCMW

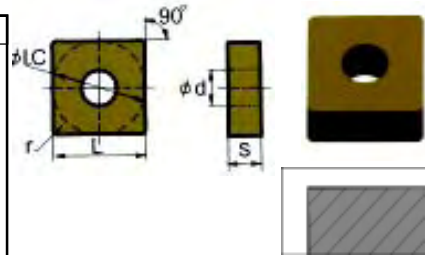
ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
SCMW-060204	SCMW-21.51	6.35	6.35	2.38	2.8	0.4	CT525	431-1325
SCMW-09T304	SCMW-32.51	9.525	9.525	3.97	4.4	0.4	CT525	431-1326
SCMW-09T308	SCMW-32.52	9.525	9.525	3.97	4.4	0.8	CT525	431-1327
SCMW-120408	SCMW-432	12.7	12.7	4.76	5.5	0.8	CT525	431-1328



Carbide Inserts

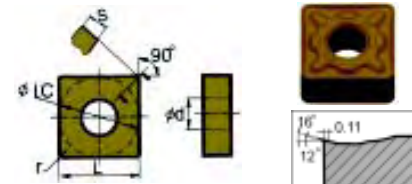
SNMA

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
SNMA-090304	SNMA-321	9.525	9.525	3.18	3.81	0.4	GC3015	431-1331
SNMA-080308	SNMA-322	9.525	9.525	3.18	3.81	0.8	GC3015	431-1332
SNMA-120404	SNMA-431	12.7	12.7	4.76	5.16	0.4	GC3015	431-1333
SNMA-120408	SNMA-432	12.7	12.7	4.76	5.16	0.8	GC3015	431-1334
SNMA-120416	SNMA-433	12.7	12.7	4.76	5.16	1.6	GC3015	431-1335
SNMA-150608	SNMA-542	15.875	15.875	6.35	6.35	0.8	GC3015	431-1336
SNMA-190612	SNMA-643	19.05	19.05	6.35	7.94	1.2	GC3015	431-1337
SNMA-190616	SNMA-644	19.05	19.05	6.35	7.94	1.6	GC3015	431-1338



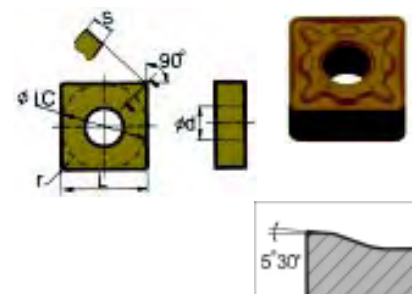
SNMG/DF

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
SNMA-120408-DF	SNMA-432-DF	12.7	12.7	4.76	5.16	0.8	GC4025	431-1341
SNMA-120416-DF	SNMA-433-DF	12.7	12.7	4.76	5.16	1.2	GC4025	431-1342



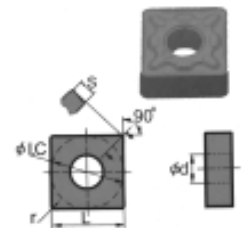
SNMG/DM

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
SNMG-090304-DM	SNMG-321-DM	9.525	9.525	3.18	3.81	0.4	GC4025	431-1351
SNMG-080308-DM	SNMG-322-DM	9.525	9.525	3.18	3.81	0.8	GC4025	431-1352
SNMG-080312-DM	SNMG-323-DM	9.525	9.525	3.18	3.81	1.2	GC4025	431-1353
SNMG-120404-DM	SNMG-431-DM	12.7	12.7	4.76	5.16	0.4	GC4025	431-1354
SNMG-120408-DM	SNMG-432-DM	12.7	12.7	4.76	5.16	0.8	GC4025	431-1355
SNMG-120412-DM	SNMG-433-DM	12.7	12.7	4.76	5.16	1.2	GC4025	431-1356
SNMG-120416-DM	SNMG-434-DM	12.7	12.7	4.76	5.16	1.6	GC4025	431-1357
SNMG-150608-DM	SNMG-542-DM	15.875	15.875	6.35	6.35	0.8	GC4025	431-1358
SNMG-150612-DM	SNMG-543-DM	15.875	15.875	6.35	6.35	1.2	GC4025	431-1359
SNMG-150616-DM	SNMG-544-DM	15.875	15.875	6.35	6.35	1.6	GC4025	431-1360
SNMG-190612-DM	SNMG-643-DM	19.05	19.05	6.35	7.94	1.2	GC4025	431-1361
SNMG-190616-DM	SNMG-644-DM	19.05	19.05	6.35	7.94	1.6	GC4025	431-1362



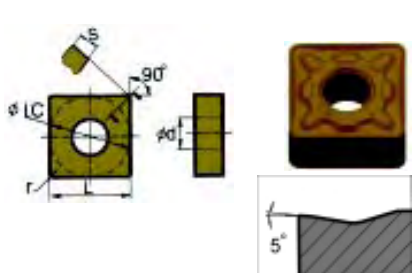
SNMG/DM

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
SNMG-090304-DM	SNMG-321-DM	9.525	9.525	3.18	3.81	0.4	CT525	431-1365
SNMG-080308-DM	SNMG-322-DM	9.525	9.525	3.18	3.81	0.8	CT525	431-1366
SNMG-120404-DM	SNMG-431-DM	12.7	12.7	4.76	5.16	0.4	CT525	431-1367
SNMG-120412-DM	SNMG-433-DM	12.7	12.7	4.76	5.16	1.2	CT525	431-1368
SNMG-150608-DM	SNMG-542-DM	15.875	15.875	6.35	6.35	0.8	CT525	431-1369



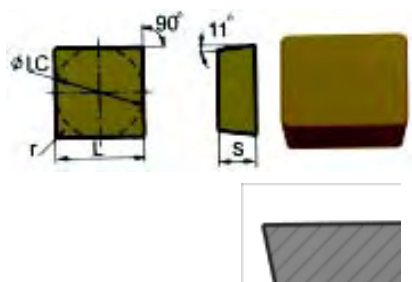
SNMG/PM

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
SNMG-090304-PM	SNMG-321-PM	9.525	9.525	3.18	3.81	0.4	GC4025	431-1371
SNMG-080308-PM	SNMG-322-PM	9.525	9.525	3.18	3.81	0.8	GC4025	431-1372
SNMG-080312-PM	SNMG-323-PM	9.525	9.525	3.18	3.81	1.2	GC4025	431-1373
SNMG-120404-PM	SNMG-431-PM	12.7	12.7	4.76	5.16	0.4	GC4025	431-1374
SNMG-120408-PM	SNMG-432-PM	12.7	12.7	4.76	5.16	0.8	GC4025	431-1375
SNMG-120412-PM	SNMG-433-PM	12.7	12.7	4.76	5.16	1.2	GC4025	431-1376
SNMG-120416-PM	SNMG-434-PM	12.7	12.7	4.76	5.16	1.6	GC4025	431-1377
SNMG-150612-PM	SNMG-543-PM	15.875	15.875	6.35	6.35	1.2	GC4025	431-1378
SNMG-190612-PM	SNMG-643-PM	19.05	19.05	6.35	7.94	1.2	GC4025	431-1379



SPG

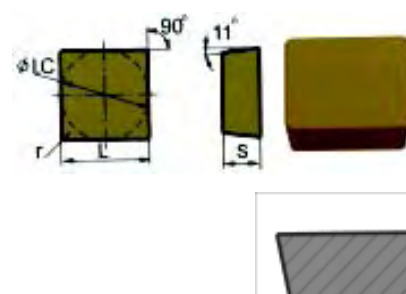
ISO Insert No.	ANSI Insert No.	I.C.	L	S	r	Grade	Order No.
SPGN-090304	SPG-321	9.525	9.525	3.18	0.4	GC4025	431-1380
SPGN-090308	SPG-322	9.525	9.525	3.18	0.8	GC4025	431-1381
SPGN-120308	SPG-422	12.7	12.7	3.18	0.8	GC4025	431-1382
SPGN-120404	SPG-431	12.7	12.7	4.76	0.4	GC4025	431-1383
SPGN-120408	SPG-432	12.7	12.7	4.76	0.8	GC4025	431-1384
SPGN-120412	SPG-433	12.7	12.7	4.76	1.2	GC4025	431-1385
SPGN-150404	SPG-531	15.875	15.875	4.76	0.4	GC4025	431-1386
SPGN-150408	SPG-532	15.875	15.875	4.76	0.8	GC4025	431-1387
SPGN-190408	SPG-632	19.05	19.05	4.76	0.8	GC4025	431-1388
SPGN-190416	SPG-633	19.05	19.05	4.76	1.6	GC4025	431-1389



Carbide Inserts

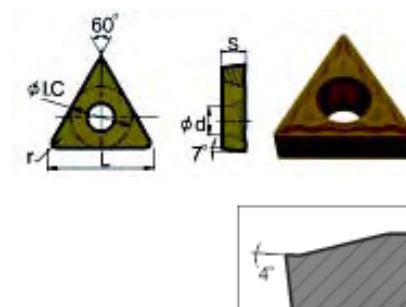
SPU

ISO Insert No.	ANSI Insert No.	I.C.	L	S	r	Grade	Order No.
SPUN-090304	SPU-321	9.525	9.525	3.18	0.4	GC4025	431-1390
SPUN-090308	SPU-322	9.525	9.525	3.18	0.8	GC4025	431-1391
SPUN-120304	SPU-421	12.7	12.7	3.18	0.4	GC4025	431-1392
SPUN-120308	SPU-422	12.7	12.7	3.18	0.8	GC4025	431-1393
SPUN-120312	SPU-423	12.7	12.7	3.18	1.2	GC4025	431-1394
SPUN-120408	SPU-432	12.7	12.7	4.76	0.8	GC4025	431-1395
SPUN-150408	SPU-532	15.875	15.875	4.76	0.8	GC4025	431-1396
SPUN-150412	SPU-533	15.875	15.875	4.76	1.2	GC4025	431-1397
SPUN-190408	SPU-632	19.05	19.05	4.76	0.8	GC4025	431-1398
SPUN-190412	SPU-633	19.05	19.05	4.76	1.2	GC4025	431-1399
SPUN-190416	SPU-634	19.05	19.05	4.76	1.6	GC4025	431-1400



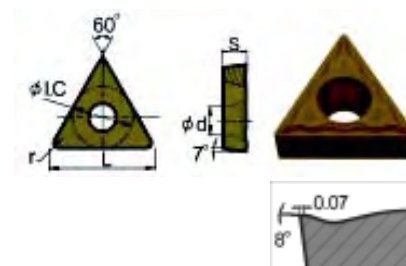
TCMT/HF

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
TCMT-06T102-HF	TCMT-1.21.20-HF	3.97	6.4	1.98	2.2	0.2	GC4015	431-1401
TCMT-06T104-HF	TCMT-1.21.21-HF	3.97	6.4	1.98	2.2	0.4	GC4015	431-1402
TCMT-06T108-HF	TCMT-1.21.22-HF	3.97	6.4	1.98	2.2	0.8	GC4015	431-1403
TCMT-090202-HF	TCMT-1.81.50-HF	5.56	9.6	2.38	2.5	0.2	GC4015	431-1404
TCMT-090204-HF	TCMT-1.81.51-HF	5.56	9.6	2.38	2.5	0.4	GC4015	431-1405
TCMT-090208-HF	TCMT-1.81.52-HF	5.56	9.6	2.38	2.5	0.8	GC4015	431-1406
TCMT-110202-HF	TCMT-21.50-HF	6.35	11	2.38	2.8	0.2	GC4015	431-1407
TCMT-110204-HF	TCMT-21.51-HF	6.35	11	2.38	2.8	0.4	GC4015	431-1408
TCMT-110208-HF	TCMT-21.52-HF	6.35	11	2.38	2.8	0.8	GC4015	431-1409
TCMT-16T302-HF	TCMT-32.50-HF	9.525	16.5	3.97	4.4	0.2	GC4015	431-1410
TCMT-16T304-HF	TCMT-32.51-HF	9.525	16.5	3.97	4.4	0.4	GC4015	431-1411
TCMT-16T308-HF	TCMT-32.52-HF	9.525	16.5	3.97	4.4	0.8	GC4015	431-1412



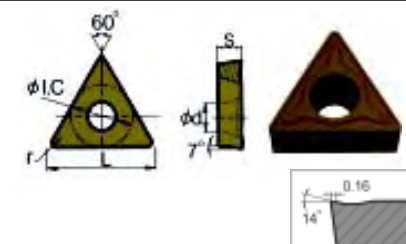
TCMT/HM

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
TCMT-090204-HM	TCMT-1.81.51-HM	5.56	9.6	2.38	2.5	0.4	GC4025	431-1421
TCMT-090208-HM	TCMT-1.81.52-HM	5.56	9.6	2.38	2.5	0.8	GC4025	431-1422
TCMT-110204-HM	TCMT-21.51-HM	6.35	11	2.38	2.8	0.4	GC4025	431-1423
TCMT-110208-HM	TCMT-21.52-HM	6.35	11	2.38	2.8	0.8	GC4025	431-1424
TCMT-16T304-HM	TCMT-32.51-HM	9.525	16.5	2.38	4.4	0.4	GC4025	431-1425
TCMT-16T308-HM	TCMT-32.52-HM	9.525	16.5	3.97	4.4	0.8	GC4025	431-1426
TCMT-16T312-HM	TCMT-32.53-HM	9.525	16.5	3.97	4.4	1.2	GC4025	431-1427



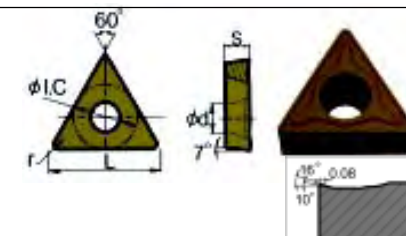
TCMT/HR

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
TCMT-090204-HR	TCMT-1.81.51-HR	5.56	9.6	2.38	2.5	0.4	GC4025	431-1431
TCMT-090208-HR	TCMT-1.81.52-HR	5.56	9.6	2.38	2.5	0.8	GC4025	431-1432
TCMT-16T304-HR	TCMT-32.51-HR	9.525	16.5	3.97	4.4	0.4	GC4025	431-1433
TCMT-16T308-HR	TCMT-32.52-HR	9.525	16.5	3.97	4.4	0.8	GC4025	431-1434
TCMT-16T312-HR	TCMT-32.53-HR	9.525	16.5	3.97	4.4	1.2	GC4025	431-1435
TCMT-220408-HR	TCMT-432-HR	12.7	22	4.76	5.5	0.8	GC4025	431-1436



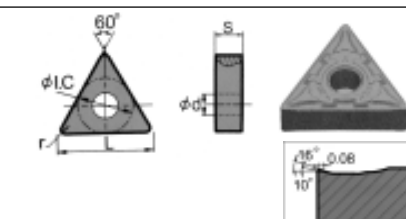
TNMG/DF

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
TNMG-160404-DF	TNMG-331-DF	9.525	16.5	4.76	3.81	0.4	GC4015	431-1441
TNMG-160408-DF	TNMG-332-DF	9.525	16.5	4.76	3.81	0.8	GC4015	431-1442
TNMG-160412-DF	TNMG-333-DF	9.525	16.5	4.76	3.81	1.2	GC4015	431-1443
TNMG-220408-DF	TNMG-432-DF	12.7	22	4.76	5.16	0.8	GC4015	431-1444
TNMG-220412-DF	TNMG-433-DF	12.7	22	4.76	5.16	1.2	GC4015	431-1445



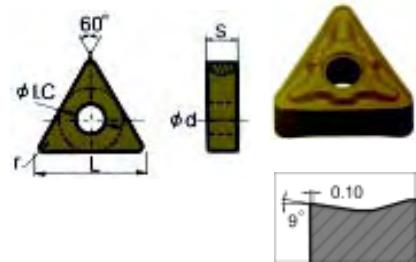
TNMG/DF

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
TNMG-160404-DF	TNMG-331-DF	9.525	16.5	4.76	3.81	0.4	CT525	431-1451
TNMG-160408-DF	TNMG-332-DF	9.525	16.5	4.76	3.81	0.8	CT525	431-1452
TNMG-160412-DF	TNMG-333-DF	9.525	16.5	4.76	3.81	1.2	CT525	431-1453

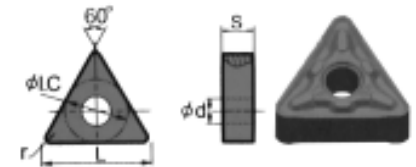


Carbide Inserts
TNMG/DM

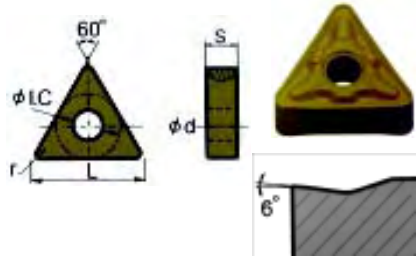
ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
TNMG-110308-DM	TNMG-222-DM	6.35	11	3.18	2.26	0.4	GC4025	431-1461
TNMG-160404-DM	TNMG-331-DM	9.525	16.5	4.76	3.81	0.4	GC4025	431-1462
TNMG-160408-DM	TNMG-332-DM	9.525	16.5	4.76	3.81	0.8	GC4025	431-1463
TNMG-160412-DM	TNMG-333-DM	9.525	16.5	4.76	3.81	1.2	GC4025	431-1464
TNMG-220404-DM	TNMG-431-DM	12.7	22	4.76	5.16	0.4	GC4025	431-1465
TNMG-220408-DM	TNMG-432-DM	12.7	22	4.76	5.16	0.8	GC4025	431-1466
TNMG-220412-DM	TNMG-433-DM	12.7	22	4.76	5.16	1.2	GC4025	431-1467
TNMG-220416-DM	TNMG-434-DM	12.7	22	4.76	5.16	1.6	GC4025	431-1468


TNMG/DM

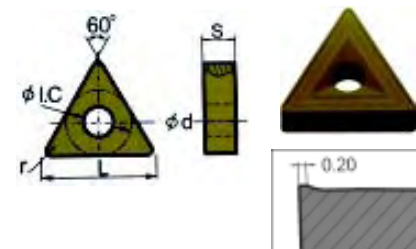
ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
TNMG-160404-DM	TNMG-331-DM	9.525	16.5	4.76	3.81	0.4	CT525	431-1471
TNMG-160408-DM	TNMG-332-DM	9.525	16.5	4.76	3.81	0.8	CT525	431-1472
TNMG-220408-DM	TNMG-432-DM	12.7	22	4.76	5.16	0.8	CT525	431-1473
TNMG-220412-DM	TNMG-433-DM	12.7	22	4.76	5.16	1.2	CT525	431-1474


TNMG/PM

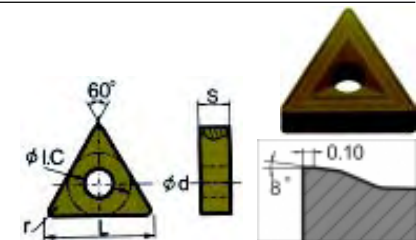
ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
TNMG-110304-PM	TNMG-221-PM	6.35	11	3.18	2.2	0.4	GC4025	431-1481
TNMG-110308-PM	TNMG-222-PM	6.35	11	3.18	2.2	0.8	GC4025	431-1482
TNMG-160404-PM	TNMG-331-PM	9.525	16.5	4.76	3.81	0.4	GC4025	431-1483
TNMG-160408-PM	TNMG-332-PM	9.525	16.5	4.76	3.81	0.8	GC4025	431-1484
TNMG-160412-PM	TNMG-333-PM	9.525	16.5	4.76	3.81	1.2	GC4025	431-1485
TNMG-220408-PM	TNMG-432-PM	12.7	22	4.76	5.16	0.8	GC4025	431-1486
TNMG-220412-PM	TNMG-433-PM	12.7	22	4.76	5.16	1.2	GC4025	431-1487
TNMG-220416-PM	TNMG-434-PM	12.7	22	4.76	5.16	1.6	GC4025	431-1488


TNMM

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
TNMM-160404	TNMM-331	9.525	16.5	4.76	3.81	0.4	GC4025	431-1491
TNMM-160408	TNMM-332	9.525	16.5	4.76	3.81	0.8	GC4025	431-1492
TNMM-160412	TNMM-333	9.525	16.5	4.76	3.81	1.2	GC4025	431-1493
TNMM-220408	TNMM-432	12.7	22	4.76	5.16	0.8	GC4025	431-1494
TNMM-220412	TNMM-433	12.7	22	4.76	5.16	1.2	GC4025	431-1495
TNMM-220416	TNMM-434	12.7	22	4.76	5.16	1.6	GC4025	431-1496


TNMM/DR

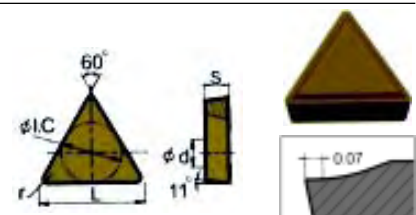
ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
TNMM-160408-DR	TNMM-332-DR	9.525	16.5	4.76	3.81	0.8	GC4035	431-1501
TNMM-160412-DR	TNMM-333-DR	9.525	16.5	4.76	3.81	1.2	GC4035	431-1502
TNMM-220408-DR	TNMM-432-DR	12.7	22	4.76	5.16	0.8	GC4035	431-1503
TNMM-220412-DR	TNMM-433-DR	12.7	22	4.76	5.16	1.2	GC4035	431-1504
TNMM-220416-DR	TNMM-434-DR	12.7	22	4.76	5.16	1.6	GC4035	431-1505


TPG

ISO Insert No.	ANSI Insert No.	I.C.	L	S	r	Grade	Order No.
TPG-110304	TPG-221	6.35	11	3.18	0.4	GC4015	431-1511
TPG-110308	TPG-222	6.35	11	3.18	0.8	GC4015	431-1512
TPG-160304	TPG-321	9.525	16.5	3.18	0.4	GC4015	431-1513
TPG-160308	TPG-322	9.525	16.5	3.18	0.8	GC4015	431-1514
TPG-160312	TPG-323	9.525	16.5	3.18	1.2	GC4015	431-1515
TPG-160316	TPG-324	9.525	16.5	3.18	1.6	GC4015	431-1516
TPG-160408	TPG-332	9.525	16.5	4.76	0.8	GC4015	431-1517
TPG-160412	TPG-333	9.525	16.5	4.76	1.2	GC4015	431-1518


TPMR

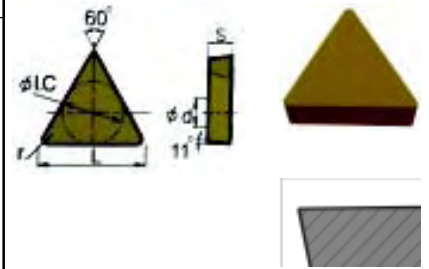
ISO Insert No.	ANSI Insert No.	I.C.	L	S	r	Grade	Order No.
TPMR-110304	TPMR-221	6.35	11	3.18	0.4	GC4025	431-1521
TPMR-110308	TPMR-222	6.35	11	3.18	0.8	GC4025	431-1522
TPMR-160304	TPMR-321	9.525	16.5	3.18	0.4	GC4025	431-1523
TPMR-160308	TPMR-322	9.525	16.5	3.18	0.8	GC4025	431-1524
TPMR-160312	TPMR-323	9.525	16.5	3.18	1.2	GC4025	431-1525



Carbide Inserts

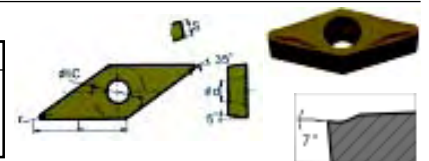
TPUN

ISO Insert No.	ANSI Insert No.	I.C.	L	S	r	Grade	Order No.
TPUN-110304	TPU-221	6.35	11	3.18	0.4	GC3015	431-1531
TPUN-110308	TPU-222	6.35	11	3.18	0.8	GC3015	431-1532
TPUN-160304	TPU-321	9.525	16.5	3.18	0.4	GC3015	431-1533
TPUN-160308	TPU-322	9.525	16.5	3.18	0.8	GC3015	431-1534
TPUN-160312	TPU-323	9.525	16.5	3.18	1.2	GC3015	431-1535
TPUN-160408	TPU-332	9.525	16.5	4.76	0.8	GC3015	431-1536
TPUN-160412	TPU-333	9.525	16.5	4.76	1.2	GC3015	431-1537
TPUN-220404	TPU-431	12.7	22	4.76	0.4	GC3015	431-1538
TPUN-220408	TPU-432	12.7	22	4.76	0.8	GC3015	431-1539
TPUN-220412	TPU-433	12.7	22	4.76	1.2	GC3015	431-1540
TPUN-220416	TPU-434	12.7	22	4.76	1.6	GC3015	431-1541



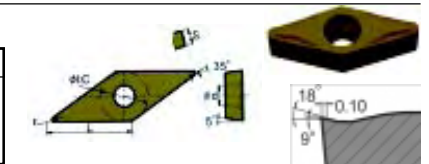
VBMT/HF

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
VBMT-110202-HF	VBMT-21.50-HF	6.35	11	2.38	2.8	0.2	GC4015	431-1551
VBMT-110204-HF	VBMT-21.51-HF	6.35	11	2.38	2.8	0.4	GC4015	431-1552
VBMT-110208-HF	VBMT-21.52-HF	6.35	11	2.38	2.8	0.8	GC4015	431-1553



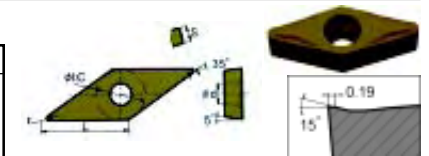
VBMT/HM

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
VBMT-160404-HM	VBMT-331-HM	9.525	16.6	4.76	4.4	0.4	GC4025	431-1561
VBMT-160408-HM	VBMT-332-HM	9.525	16.6	4.76	4.4	0.8	GC4025	431-1562
VBMT-160412-HM	VBMT-333-HM	9.525	16.6	4.76	4.4	1.2	GC4025	431-1563



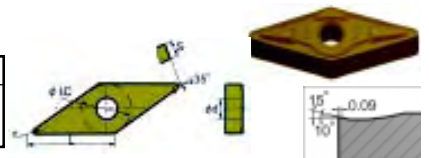
VBMT/HR

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
VBMT-160404-HR	VBMT-331-HR	9.525	16.6	4.76	4.4	0.4	GC4025	431-1571
VBMT-160408-HR	VBMT-332-HR	9.525	16.6	4.76	4.4	0.8	GC4025	431-1572
VBMT-160412-HR	VBMT-333-HR	9.525	16.6	4.76	4.4	1.2	GC4025	431-1573



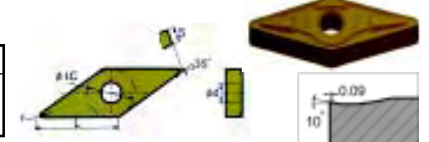
VNMG/DF

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
VNMG-160404-DF	VNMG-331-DF	9.525	16.6	4.76	3.81	0.4	GC4015	431-1581
VNMG-160408-DF	VNMG-332-DF	9.525	16.6	4.76	3.81	0.8	GC4015	431-1582



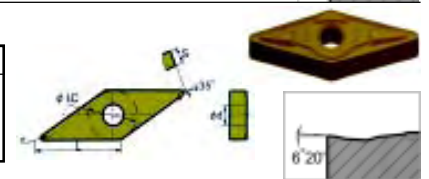
VNMG/DM

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
VNMG-160408-DM	VNMG-332-DM	9.525	16.6	4.76	3.81	0.8	GC4025	431-1585
VNMG-160412-DM	VNMG-333-DM	9.525	16.6	4.76	3.81	1.2	GC4025	431-1586



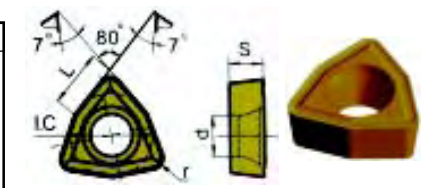
VNMG/PM

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
VNMG-160404-PM	VNMG-331-PM	9.525	16.6	4.76	3.81	0.4	GC4025	431-1591
VNMG-160408-PM	VNMG-332-PM	9.525	16.6	4.76	3.81	0.8	GC4025	431-1592
VNMG-160412-PM	VNMG-333-PM	9.525	16.6	4.76	3.81	1.2	GC4025	431-1593



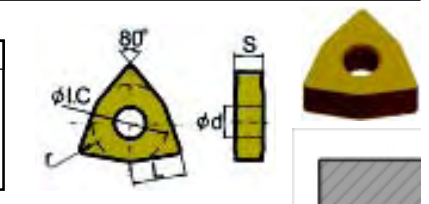
WCMX

ISO Insert No.	I.C.	L	S	d	r	Grade	Order No.
WCMX-030208-53	5.56	3.8	2.38	2.8	0.8	GC4015	431-1601
WCMX-040208R-53	6.35	4.3	2.38	3.1	0.8	GC4015	431-1602
WCMX-050308R-53	7.94	5.4	3.18	3.2	0.8	GC4015	431-1603
WCMX-06T308R-53	9.525	6.5	3.97	3.7	0.8	GC4015	431-1604
WCMX-080412R-53	12.7	8.7	4.76	4.3	1.2	GC4015	431-1605



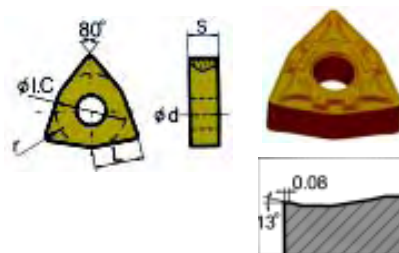
WNMA

ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
WNMA-060408	WNMA-332	9.525	6.5	4.76	3.81	0.4	GC3015	431-1611
WNMA-080404	WNMA-431	12.7	8.7	4.76	5.16	1.2	GC3015	431-1612
WNMA-080412	WNMA-433	12.7	8.7	4.76	5.16	1.6	GC3015	431-1613
WNMA-080416	WNMA-434	12.7	8.7	4.76	5.16	1.6	GC3015	431-1614

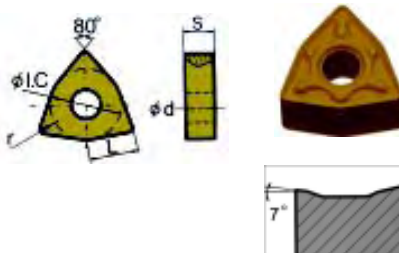


Carbide Inserts
WNMG/DF

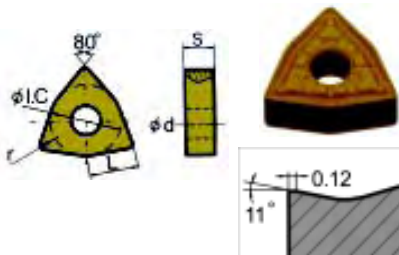
ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
WNMG-060404-DF	WNMG-331-DF	9.525	6.5	4.76	3.81	0.4	GC4015	431-1621
WNMG-060408-DF	WNMG-332-DF	9.525	6.5	4.76	3.81	0.8	GC4015	431-1622
WNMG-060412-DF	WNMG-333-DF	9.525	6.5	4.76	3.81	1.2	GC4015	431-1623
WNMG-080404-DF	WNMG-431-DF	12.7	8.7	4.76	5.16	0.4	GC4015	431-1624
WNMG-080408-DF	WNMG-432-DF	12.7	8.7	4.76	5.16	0.8	GC4015	431-1625
WNMG-080412-DF	WNMG-433-DF	12.7	8.7	4.76	5.16	1.2	GC4015	431-1626


WNMG/DM

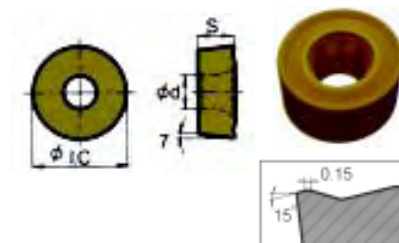
ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
WNMG-060408-DM	WNMG-332-DM	9.525	6.5	4.76	3.81	0.8	GC4025	431-1631
WNMG-060412-DM	WNMG-333-DM	9.525	6.5	4.76	3.81	1.2	GC4025	431-1632
WNMG-080404-DM	WNMG-431-DM	12.7	8.7	4.76	5.16	0.4	GC4025	431-1633
WNMG-080408-DM	WNMG-432-DM	12.7	8.7	4.76	5.16	0.8	GC4025	431-1634
WNMG-080412-DM	WNMG-433-DM	12.7	8.7	4.76	5.16	1.2	GC4025	431-1635


WNMG/PM

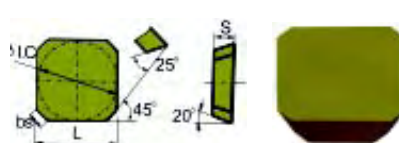
ISO Insert No.	ANSI Insert No.	I.C.	L	S	d	r	Grade	Order No.
WNMG-060408-PM	WNMG-332-PM	9.525	6.5	4.76	3.81	0.8	GC4025	431-1641
WNMG-060412-PM	WNMG-333-PM	9.525	6.5	4.76	3.81	1.2	GC4025	431-1642
WNMG-080404-PM	WNMG-431-PM	12.7	8.7	4.76	5.16	0.4	GC4025	431-1643
WNMG-080408-PM	WNMG-432-PM	12.7	8.7	4.76	5.16	0.8	GC4025	431-1644
WNMG-080412-PM	WNMG-433-PM	12.7	8.7	4.76	5.16	1.2	GC4025	431-1645


RCMT

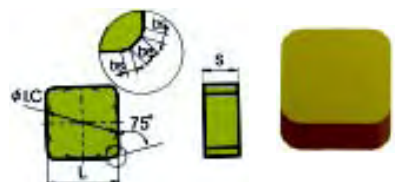
ISO Insert No.	I.C.	S	d	Grade	Order No.
RCMT-1606-MO	16	6.35	5.2	GC4025	431-1651
RCMT-2507-MO	25	7.94	7.2	GC4025	431-1652
RCMT-0803-MO	8	3.18	3.36	GC4025	431-1653
RCMT-1204-MO	12	4.76	4.4	GC4025	431-1654


SEKN

ISO Insert No.	I.C.	L	S	bs	Grade	Order No.
SEKN-1203-AFN	12.7	12.7	3.18	2.4	GC2025	431-1661
SEKN-1203-AFTN	12.7	12.7	3.18	2.4	GC2025	431-1662
SEKN-1204-AFN	12.7	12.7	4.76	2.4	GC2025	431-1663
SEKN-1204-AFTN	12.7	12.7	4.76	2.4	GC2025	431-1664
SEKN-1504-AFN	15.875	15.875	4.76	2.4	GC2025	431-1665
SEKN-1504-AFTN	15.875	15.875	4.76	2.4	GC2025	431-1666


SNKN

ISO Insert No.	I.C.	L	S	bs	be	Grade	Order No.
SNKN-1204-ENN	12.7	12.7	4.76	1.5	0.9	GC4030	431-1671
SNKN-1504-ENN	15.875	15.875	4.76	1.5	0.9	GC4030	431-1672
SNKN-1904-ENN	19.05	19.05	4.76	1.5	0.9	GC4030	431-1673


SPMT

ISO Insert No.	I.C.	L	S	d	r	Grade	Order No.
SPMT-060304	6.35	6.35	3.18	2.8	0.4	GC4030	431-1681
SPMT-120408	12.7	12.7	4.76	5.5	0.8	GC4030	431-1682

