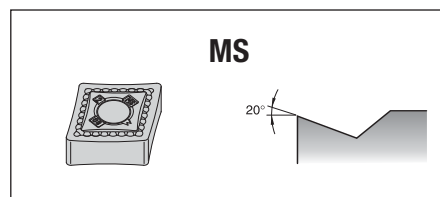


cutting conditions			
cutting speed (SFM) range	S1	50 180 460	30 130 200
	S2	50 200 460	30 100 250
	S3	50 230 460	50 130 250
	S4	50 230 560	50 180 345
carbide grade		KCU10	KCU25



ISO catalog number	ANSI catalog number	KCU10	KCU25	L10		R _e		ap min	starting value depth of cut		f/rev min	starting value feed rate	
				mm	in	mm	in		ap max	(in)		ap max	(in/rev)
CNMG120401MS	CNMG430MS	5090495	-	12,90	.508	0,1	.004	.005	.011	.039	.001	.003	.004
CNMG120402MS	CNMG4305MS	5090494	4050399	12,90	.508	0,2	.008	.011	.023	.059	.003	.005	.007
CNMG120404MS	CNMG431MS	5090496	4050402	12,90	.508	0,4	1/64	.015	.031	.118	.003	.007	.011
CNMG120408MS	CNMG432MS	5090497	4050454	12,90	.508	0,8	1/32	.023	.047	.157	.004	.009	.013
CNMG120412MS	CNMG433MS	5090498	4050455	12,90	.508	1,2	3/64	.039	.074	.197	.004	.009	.015
CNMG120416MS	CNMG434MS	5090499	4050458	12,90	.508	1,6	1/16	.047	.090	.197	.005	.009	.015
CNMG160608MS	CNMG542MS	5090680	4050460	16,12	.635	0,8	1/32	.023	.047	.275	.004	.011	.017
CNMG160612MS	CNMG543MS	5090681	4050462	16,12	.635	1,2	3/64	.039	.074	.275	.005	.011	.017
CNMG190608MS	CNMG642MS	5090682	4050466	19,34	.762	0,8	1/32	.039	.074	.354	.004	.011	.017
CNMG190612MS	CNMG643MS	5531238	5062149	19,34	.762	1,2	3/64	.047	.090	.354	.004	.011	.019
CNMG190616MS	CNMG644MS	5090684	4050469	19,34	.762	1,6	1/16	.055	.106	.354	.005	.011	.019
DNMG110408MS	DNMG332MS	5090685	4050477	11,63	.458	0,8	1/32	.023	.047	.137	.004	.009	.013
DNMG150401MS	DNMG430MS	5090687	-	15,50	.610	0,1	.004	.005	.011	.039	.001	.003	.004
DNMG150402MS	DNMG4305MS	5090686	4050479	15,50	.610	0,2	.008	.011	.023	.078	.003	.005	.007
DNMG150404MS	DNMG431MS	5090688	4050480	15,50	.610	0,4	1/64	.015	.031	.118	.003	.007	.011
DNMG150408MS	DNMG432MS	5090689	4050481	15,50	.610	0,8	1/32	.023	.047	.157	.004	.009	.013
DNMG150412MS	DNMG433MS	5090740	4050484	15,50	.610	1,2	3/64	.039	.074	.197	.004	.009	.015
DNMG150604MS	DNMG441MS	5090741	4050486	15,50	.610	0,4	1/64	.015	.031	.118	.003	.007	.011
DNMG150608MS	DNMG442MS	5090742	4050487	15,50	.610	0,8	1/32	.031	.063	.157	.004	.009	.013
DNMG150612MS	DNMG443MS	5090743	4050489	15,50	.610	1,2	3/64	.039	.074	.197	.004	.009	.015
SNMG120408MS	SNMG432MS	5090760	4121683	12,70	.500	0,8	1/32	.031	.094	.157	.004	.009	.013
SNMG120412MS	SNMG433MS	5090761	4121685	12,70	.500	1,2	3/64	.039	.114	.197	.004	.009	.015
SNMG150608MS	SNMG542MS	-	4121686	15,88	.625	0,8	1/32	.039	.114	.275	.004	.011	.017
SNMG150612MS	SNMG543MS	-	4121687	15,88	.625	1,2	3/64	.047	.137	.275	.005	.011	.017
SNMG190612MS	SNMG643MS	-	4121689	19,05	.750	1,2	3/64	.043	.126	.354	.004	.011	.019
TNMG160402MS	TNMG3305MS	5090767	4121695	16,50	.650	0,2	.008	.011	.035	.078	.003	.005	.007
TNMG160404MS	TNMG331MS	5090768	4121696	16,50	.650	0,4	1/64	.015	.047	.118	.003	.007	.011
TNMG160408MS	TNMG332MS	5090769	4121697	16,50	.650	0,8	1/32	.031	.094	.157	.004	.009	.013
TNMG220404MS	TNMG431MS	5090810	4121700	22,00	.866	0,4	1/64	.015	.047	.315	.003	.009	.015
TNMG220408MS	TNMG432MS	5090811	4121701	22,00	.866	0,8	1/32	.031	.094	.354	.004	.011	.017
TNMG220412MS	TNMG433MS	5090812	4121703	22,00	.866	1,2	3/64	.039	.114	.354	.004	.011	.019
TNMG270608MS	TNMG542MS	-	4121706	27,50	1.083	0,8	1/32	.031	.094	.433	.004	.011	.019
VNMG160401MS	VNMG330MS	5090852	4121713	16,61	.654	0,1	.004	.005	.015	.039	.001	.003	.004
VNMG160402MS	VNMG3305MS	5090851	4121712	16,61	.654	0,2	.008	.011	.027	.078	.003	.005	.007
VNMG160404MS	VNMG331MS	5090853	4121714	16,61	.654	0,4	1/64	.015	.035	.118	.003	.007	.011
VNMG160408MS	VNMG332MS	5090854	4121715	16,61	.654	0,8	1/32	.031	.070	.157	.004	.009	.013
VNMG220404MS	VNMG431MS	5090855	4121718	22,14	.872	0,4	1/64	.015	.035	.315	.003	.009	.015
VNMG220408MS	VNMG432MS	5090856	4121719	22,14	.872	0,8	1/32	.031	.070	.354	.004	.011	.017
WNMG060408MS	WNMG332MS	5090890	4121720	6,52	.257	0,8	1/32	.031	.094	.118	.004	.007	.011
WNMG080401MS	WNMG430MS	5090892	-	8,69	.342	0,1	.004	.005	.019	.039	.001	.003	.004
WNMG080402MS	WNMG4305MS	5090891	4121722	8,69	.342	0,2	.008	.011	.035	.078	.003	.005	.007
WNMG080404MS	WNMG431MS	5090893	4121723	8,69	.342	0,4	1/64	.015	.047	.118	.003	.007	.011
WNMG080408MS	WNMG432MS	5090894	4121724	8,69	.342	0,8	1/32	.031	.094	.157	.004	.009	.013