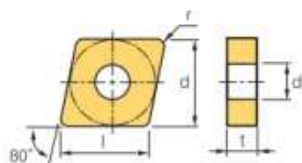


CN ○ ○



Dimensions (mm)			
Size	d	t	d ₁
09	9.525	3.18	3.81
12	12.7	4.76	5.16
16	15.875	6.35	6.35
19	19.05	6.35	7.93

 Rhombic **80° Negative**

Inserts	Designation	Cermet			Coated	Coated													Uncoated		Cutting Condition						
		CN1500	CN2000	CN2500	CC1500	CC2500	NC3215	NC3120	NC3225	NC3030	NC5330	NC6310	NC6315	NC9115	NC9125	NC9135	PC5300	PC5400	PC8105	PC8110	PC8115	PC9030	H01	H05	fn (mm/rev)	ap (mm)	
 Finishing	CNGG	120402-VP1																			●					0.01~0.10	0.10~1.00
		120404-VP1																			●					0.05~0.15	0.10~1.50
		120408-VP1																								0.07~0.20	0.10~1.50
 Medium cutting	CNGG	120404-VP3																	●	●	●		●			0.05~0.30	0.10~3.00
		120408-VP3																	●	●	●		●			0.10~0.40	0.50~4.50
		120412-VP3																	●	●	●		●			0.12~0.50	0.50~5.00
 Roughing	CNMA	090308																								0.10~0.30	0.50~3.00
		120404											●										●			0.15~0.60	1.00~5.00
		120408										●	●										●			0.15~0.60	1.00~6.00
		120412										●	●													0.15~0.70	1.50~6.00
		120416										●	●													0.20~0.80	2.00~6.00
		160608																								0.15~0.70	2.00~6.00
		160612											●													0.15~0.70	2.00~6.00
		160616											●													0.15~0.70	2.00~6.00
		190608											●													0.15~0.70	2.00~10.00
		190612											●													0.15~0.70	2.00~10.00
		190616											●	●												0.20~1.00	3.00~10.00
 Finishing	CNMG	120404-VB	●		●	●	●	●		●		●														0.15~0.35	0.30~2.00
		120408-VB	●		●	●	●	●		●		●														0.15~0.45	0.50~2.00
		120412-VB						●		●		●														0.20~0.50	0.50~2.00
 Finishing	CNMG	090304-VF						●	●																	0.07~0.30	0.50~1.50
		090308-VF																								0.10~0.30	0.50~1.50
		120404-VF						●			●															0.07~0.30	0.50~1.50
		120408-VF									●															0.10~0.40	0.50~1.50
		120412-VF																								0.10~0.50	0.60~1.50
 Finishing	CNMG	120404-VP1																●	●			●			0.05~0.15	0.10~1.50	
		120408-VP1																	●	●			●			0.07~0.20	0.10~1.50

● : Stock item

Available tool holders			
Designation	Page	Designation	Page
MCKNR/L	B171	MCRNR/L	B172
MCLNR/L	B171	PCBNR/L	B159
MCMNN	B171	PCLNR/L	B160