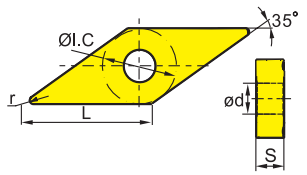
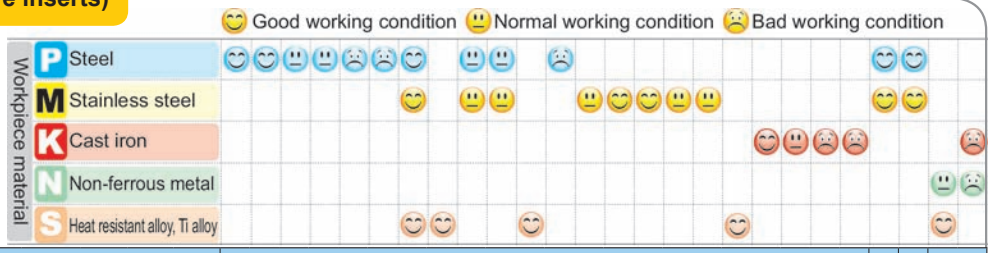
VN□□ (Negative inserts)





Inserts shape	Type	Dimensions(mm)					Coated cemented carbide																				Cermet		Cemented carbide	
		L	ØI.C	S	ød	r	YBC151	YBC152	YBC251	YBC252	YBC351	YBC352	YBG102	YBG105	YBG202	YBG205	YBG212	YBG302	YBM151	YBM153	YBM215	YBM251	YBM253	YBS103	YBD052	YBD102	YBD152	YBD252	YNG151	YNG151C	YD101	YD201
DF	VNMG160404-DF	16.6	9.525	4.76	3.81	0.4		★	●	★												●									
	VNMG160408-DF	16.6	9.525	4.76	3.81	0.8		★	○	○																					
For finishing																															
EF	VNMG160404-EF	16.6	9.525	4.76	3.81	0.4									○	★				★	★										
	VNMG160408-EF	16.6	9.525	4.76	3.81	0.8									○	★				★	★										
	VNMG160412-EF	16.6	9.525	4.76	3.81	1.2									○	★				★	○										
For finishing																															
NF	VNEG160404-NF	16.6	9.525	4.76	3.81	0.4							○	★																	○
	VNEG160408-NF	16.6	9.525	4.76	3.81	0.8							○	★																	○
For finishing																															
NGF	VNEG160408-NGF	16.6	9.525	4.76	3.81	0.8							○	●			○														
	VNEG160412-NGF	16.6	9.525	4.76	3.81	1.2							○	●			○														
For finishing																															
SF	VNMG160404-SF	16.6	9.525	4.76	3.81	0.4							○																○	★	
	VNMG160408-SF	16.6	9.525	4.76	3.81	0.8							○																○		
For finishing																															

★Recommended grade (always stock available) ●Available grade (always stock available) ○Make-to-order

Applicable tool

DVVNN Kr:72°30'

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DVJNR/L Kr:93°

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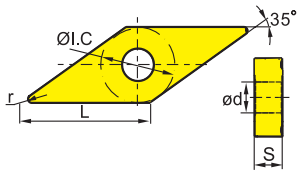
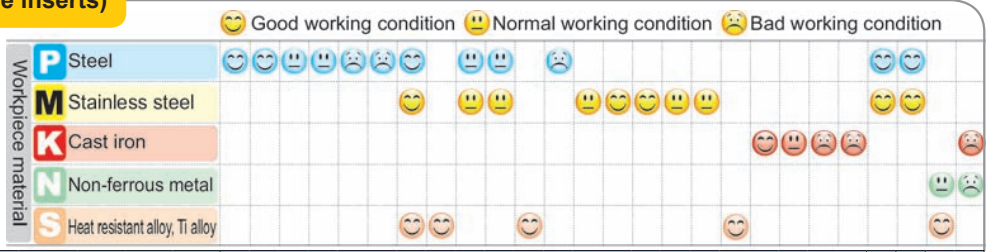
Insert code key A50–A51
Grade selection reference A19/A36–A48
Chipbreaker selection reference A22–A35
Recommended cutting parameters A241–A244

VN□□ (Negative inserts)





Inserts shape	Type	Dimensions(mm)					Coated cemented carbide																				Cermet		Cemented carbide	
		L	ØI.C	S	ød	r	YBC151	YBC152	YBC251	YBC252	YBC351	YBC352	YBG102	YBG105	YBG202	YBG205	YBG212	YBG302	YBM151	YBM153	YBM215	YBM251	YBM253	YBS103	YBD052	YBD102	YBD152	YBD252	YNG151	YNG151C	YD101	YD201
PM	VNMG160404-PM	16.6	9.525	4.76	3.81	0.4		★	●	○	○																○	○				
	VNMG160408-PM	16.6	9.525	4.76	3.81	0.8		★	●	○																★	★	○			
For semi-finishing	VNMG160412-PM	16.6	9.525	4.76	3.81	1.2			○	○																○	○				
DM	VNMG160408-DM	16.6	9.525	4.76	3.81	0.8		★	●	★	○											○									
	VNMG160412-DM	16.6	9.525	4.76	3.81	1.2		○	○	○												○									
For semi-finishing																																
EM	VNMG160404-EM	16.6	9.525	4.76	3.81	0.4									●	★					★		★								
	VNMG160408-EM	16.6	9.525	4.76	3.81	0.8									●	★					★		★								
For semi-finishing																																
NM	VNMG160412-NM	16.6	9.525	4.76	3.81	1.2							○	★										○							○	
For semi-finishing																																
SNR	VNMG160408-SNR	16.6	9.525	4.76	3.81	0.8							○	●			○							●								
	VNMG160412-SNR	16.6	9.525	4.76	3.81	1.2							○	●			○							●								
For roughing																																
All round	VNMG160404	16.6	9.525	4.76	3.81	0.4	○		○																							
	VNMG160408	16.6	9.525	4.76	3.81	0.8	●		●																							

★Recommended grade (always stock available) ●Available grade (always stock available) ○Make-to-order

Applicable tool

DVVNN
Kr:72°30'

DVJNR/L
Kr:93°

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