Cutting Conditions (Guide) : ● : Stable Cutting ◐ : General Cutting ✠ : Unstable Cutting

Work Material			UE6105	UE6110	UE6020	MC6025	UH6400	MC7025 (NEW)	MP7035 (NEW)	US7020	US735	US905	MC5005 (NEW)	MC5015 (NEW)	UC5105	UC5115	VP05RT	VP10RT	VP15TF	UP20M	NX2525	NX3035	MP3025	AP25N	VP25N	VP45N	UTi20T	HTi05T	HTi10	RT9010
	P	Steel	●	◐	✠	✠	✠												✠	✠	●	◐	◐	●	●	◐	✠			
	M	Stainless Steel						◐	✠	○	✠							◐	✠	✠	○			○	○		✠			
	K	Cast Iron											◐	✠	●	◐		◐	✠		●			●	●		✠	●	◐	
	N	Non-ferrous Metal																											◐	
	S	Heat-resistant Alloy, Titanium Alloy										●					●	◐	✠										◐	◐

Shape	Order Number	Corner R Re (mm)	UE6105	UE6110	UE6020	MC6025	UH6400	MC7025 (NEW)	MP7035 (NEW)	US7020	US735	US905	MC5005 (NEW)	MC5015 (NEW)	UC5105	UC5115	VP05RT	VP10RT	VP15TF	UP20M	NX2525	NX3035	MP3025	AP25N	VP25N	VP45N	UTi20T	HTi05T	HTi10	RT9010	Applicable Holder Page
			Coated																		Cermet		Coated Cermet				Carbide				
SV Light Cutting	**VBMT110304-SV**	0.4			●														●			●	●								D010 D011 E012 E013 H013
	110308-SV	0.8			●														●			●	●								
	160404-SV	0.4			●														●			●	●								
	160408-SV	0.8			●														●			●	●								
MP (NEW) Medium Cutting	**VBMT160404-MP**	0.4		●		●															●		●								E012 H013
	160408-MP	0.8		●		●															●		●								
MM (NEW) Medium Cutting	**VBMT160404-MM**	0.4						●	●										●												E012 H013
	160408-MM	0.8						●	●										●												
Standard Medium Cutting	**VBMT160404**	0.4		●																											E012 H013
	160408	0.8		●																											
MV Medium Cutting	**VBMT110304-MV**	0.4			●	●				●	●								●		●	●	●	●		●					D010 D011 E012 E013 H013
	110308-MV	0.8			●	●				●	★								●		●	●	●	●		●					
	160404-MV	0.4	●	●	●	●				●	●								●		●	●	●	●		●					
	160408-MV	0.8	●	●	●	●				●	●								●		●	●	●	●		●					
R/L-SR Medium Cutting	**VBET1103V3R-SR**	0.03																	★		★								★		D010 D011 E012 E013
	1103V3L-SR	0.03																	★		★								★		
	110301R-SR	0.1																	★		★								★		
	110301L-SR	0.1																	★		★								★		
	110302R-SR	0.2																	★		★								★		
	110302L-SR	0.2																	★		★								★		
	110304R-SR	0.4																	★		★								★		
	110304L-SR	0.4																	★		★								★		
R/L-SN Medium Cutting	**VBET110300R-SN**	0																	★		★								★		D010 D011 E012 E013
	110300L-SN	0																	★		★								★		
	1103V3R-SN	0.03																	★		★								★		
	1103V3L-SN	0.03																	★		★								★		
	110301R-SN	0.1																	●		★								★		
	110301L-SN	0.1																	★		★								★		
	110302R-SN	0.2																	●		★								★		
	110302L-SN	0.2																	★		★								★		
	110304R-SN	0.4																	★		★								★		
	110304L-SN	0.4																	★		★								★		

CHIP BREAKERS ➤ A052
GRADES ➤ A030
IDENTIFICATION ➤ A002