

# TURNING INSERTS [POSITIVE]

## TC TYPE INSERTS WITH HOLE



TURNING INSERTS

POSI 7°

WITH HOLE

C

D

R

S

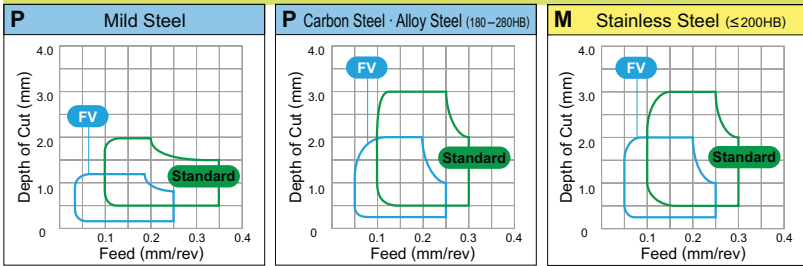
T

V

W

### CHIP CONTROL RANGE FOR WORK MATERIALS

Finish Cutting..... Medium Cutting.....



Cutting Conditions (Guide) : ● : Stable Cutting ● : General Cutting ✦ : Unstable Cutting

Work Material	Shape	Order Number	Coated										Cermert		Coated Cermert		Carbide		Dimensions (mm)				Applicable Holder Page															
			UE6005	UE6110	UE6020	UE6035	UH6400	UC6010	US7020	US735	US905	UC5105	UC5115	VP05RT	VP10RT	VP15TF	UP20M	NX2525	NX3035	NX55	NX99	AP25N		VP25N	VP45N	UP35N	UT120T	HT105T	HT110	RT9005	RT9010	TF15	D1	S1	Re	D2		
Steel	FV Breaker	TCMT110204-FV	●														●	●			●	●										6.35	2.38	0.4	2.8	A187 A254		
		16T304-FV	●															●	●			●	●										9.525	3.97	0.4		4.4	
Cast Iron	R/L-F Breaker	TCGT0601V3L-F															□	●															3.97	1.59	0.03	2.3	A246	
		060101L-F																★	●														3.97	1.59	0.1	2.3		
		060102R-F																★	★					★	★								3.97	1.59	0.2	2.3		
		060102L-F																★	●					★	★								3.97	1.59	0.2	2.3		
		060104R-F																□	●					★	★								3.97	1.59	0.4	2.3		
		060104L-F																★	●					★	★								3.97	1.59	0.4	2.3		
Non-ferrous Metal	Standard Breaker	TCMT080204		□						□								●		□		●			●								4.76	2.38	0.4	2.3	A187 A254	
		090204	●	★	▲				□									●	▲	★		▲	●										5.56	2.38	0.4	2.5		
		110202	●	●	□	▲			●									●	●	▲	★		▲	□									6.35	2.38	0.2	2.8		
		110204	●	●	●	▲			●		●							●	●	▲	★		▲	●									6.35	2.38	0.4	2.8		
		110208		★																													6.35	2.38	0.8	2.8		
		130302		□					□										□	●	▲	□												7.94	3.18	0.2		3.4
		130304		●	□	▲			●										●	●	▲	★		▲	★								7.94	3.18	0.4	3.4		
		16T304	●	●	●	▲			●		●								●	●	▲	★		▲	●									9.525	3.97	0.4		4.4
		16T308	●	●	●	▲			●		●								●	●	▲	★		▲	●									9.525	3.97	0.8		4.4
		16T312		●																														9.525	3.97	1.2		4.4
Heat-resistant Alloy, Titanium Alloy	AZ Breaker	TCGT110202-AZ																															6.35	2.38	0.2	2.8	A187 A254	
		110204-AZ																															6.35	2.38	0.4	2.8		
		110208-AZ																															6.35	2.38	0.8	2.8		
		16T302-AZ																															9.525	3.97	0.2	4.4		
		16T304-AZ																															9.525	3.97	0.4	4.4		
		16T308-AZ																															9.525	3.97	0.8	4.4		
Steel	Flat Top	TCMW110202																															6.35	2.38	0.2	2.8	A187 A254	
		110204																●	●														6.35	2.38	0.4	2.8		
		130304																															7.94	3.18	0.4	3.4		
		16T304																															9.525	3.97	0.4	4.4		
		16T308																															9.525	3.97	0.8	4.4		

● : Inventory maintained. ★ : Inventory maintained in Japan.

□ : Non stock, produced to order only. ▲ : Inventory maintained. To be replaced by new products.