

WIDIA

■ Step 1 • Select the insert geometry

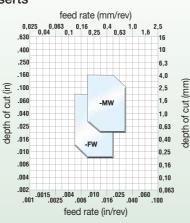
Negative Wiper Inserts



Medium Wiper



Finishing Wiper



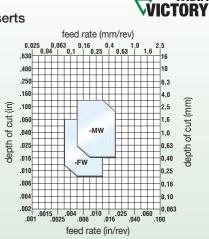
Positive Wiper Inserts



Medium Wiper



Finishing Wiper



■ Step 2 • Select the grade

Step 2 Gelect the grade		Negative Ins	ert Geometry	Positive Insert Geometry	
cutting condition		-FW	-MW	-FW	-MW
heavily interrupted cut	10.	WP15CT	WP25CT	-	WP25CT
lightly interrupted cut	C	WP15CT	WP25CT	WP15CT	WP25CT
varying depth of cut, casting, or forging skin	0	WP15CT	WP15CT	WP15CT	WP15CT
smooth cut, pre-turned surface	0	WP15CT	WP15CT	WP15CT	WP15CT

depth of cut (mm)

■ Step 1 • Select the insert geometry

Negative Inserts



Roughing



Medium Machining

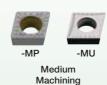


Finishing

2,5 16 0,025 0,063 0,16 0,4 1,0 .630 .400 10 .250 6,3 .160 4.0 .100 2,5 depth of cut (in) .060 1,6 .040 1,0 .025 0,63 .016 0.40 .010 0,25 .006 0,16 .004 0,10 0,063 .001 .0015 .004 .010 .025 .001 .0025 .006 .016 .040 feed rate (in/rev)

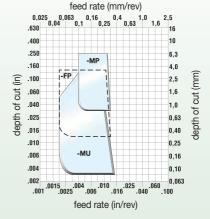
feed rate (mm/rev)

Positive Inserts





Finishing



■ Step 2 • Select the grade

		Negative Insert Geometry					Positive Insert Geometry		
cutting condition		-FF	-ML	-MR	-UR	-RH	-FP	-MU	-MP
heavily interrupted cut	10,	WP15CT	WP25CT	WP35CT/ WP25CT	WP35CT	WP35CT	WP25CT/ WS25PT	WP35CT	WM35CT
lightly interrupted cut	C	WP15CT	WP25CT	WP25CT	WP35CT	WP35CT	WP25CT	WP25CT	WP25CT
varying depth of cut, casting, or forging skin	0	WP15CT	WP15CT	WP15CT	WP25CT/ WP10CT	WP25CT	WP15CT	WP25CT/ WP10CT	WP15CT
smooth cut, pre-turned surface	0	WP15CT	WP15CT	WP15CT	WP25CT/ WP10CT	WP25CT	WP15CT	WP25CT/ WP10CT	WP15CT

(continued)