



# SNMX 1205 Z5

## APPLICATION

- Double-sided milling insert, square with 8 corners for a maximum depth of cut of .394".



## GRADE Z5

- This is a PVD TiAlN coated fine grained WC-Co carbide within ISO-grade ranges P25-P50 and M20-M40 for machining of steel

	STEEL	STAINLESS	CAST IRON	NON FERROUS	S.ALLOYS	HEAT TREATED
<b>GROUP</b>	P30					
<b>Sfm ft/min</b>	561					
<b>Fz Inch/Z</b>	0.0110 - 0.0079					
<b>ap Inch</b>	0.0394					

### LEGEND

Sfm (Vc)	Surface Feet per Minute
Fn (ipr)	Feed per revolution
Fz (ipt)	Feed per tooth
ap	Depth of cut

### FORMULA

<b>S (RPM)</b> = Sfm * 12 / π / D = rev per minute
<b>F (IPR, inch per revolution)</b> = S * Fn = feed per minute
<b>F (IPM, inch per minute)</b> = S * Fz * n.flutes = feed per minute
<b>Sfm</b> = S * D * π / 12

**MILLING CARBIDE INSERT**