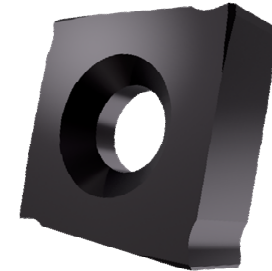




SNHX 12032 Z5

APPLICATION

- Double-sided disc milling insert
- Thickness .126" for cutters 938...6mm



GRADE Z5

This is a TIALN PVD coated fine grained WC-Co carbide within ISO-grade range P25-P50 for machining of steel with disc mills 938

	STEEL	STAINLESS	CAST IRON	NON FERROUS	S.ALLOYS	HEAT TREATED
GROUP	P30	M30	K25			
Sfm ft/min	968 - 1427	574 - 853	919 - 1345			
Fz Inch/Z	0.0039 - 0.0157	0.0043 - 0.0142	0.0039 - 0.0157			
ap Inch						

LEGEND

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

FORMULA

$S \text{ (RPM)} = Sfm * 12 / \pi / D = \text{rev per minute}$
$F \text{ (IPR, inch per revolution)} = S * Fn = \text{feed per minute}$
$F \text{ (IPM, inch per minute)} = S * Fz * n.\text{flutes} = \text{feed per minute}$
$Sfm = S * D * \pi / 12$