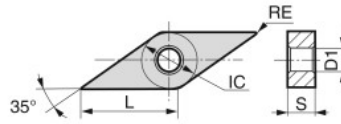


35°菱形ネガティブインサート



材種選択ガイド A2, A3

チップブレード力選択ガイド B10~

被削材別インサート材種選択ガイド A10~

● : 連続切削 第一推奨
○ : 連続切削 第二推奨

● : 一般切削 第一推奨
○ : 一般切削 第二推奨
✳ : 断続切削 第一推奨
✳ : 断続切削 第二推奨

VN	1604
寸法 (mm)	切刃長L 16.6 厚さS 4.76
	内接円IC 9.525 穴径D1 3.81

推奨用途	P 鋼	M ステンレス鋼	K 鋳鉄	N 非鉄金属	S 難削材	H 高硬度材	超硬合金
連続切削 第一推奨	●	●	●	●	●	●	●
連続切削 第二推奨	○	○	○	○	○	○	○
一般切削 第一推奨	●	●	●	●	●	●	●
一般切削 第二推奨	○	○	○	○	○	○	○
断続切削 第一推奨	✳	✳	✳	✳	✳	✳	✳
断続切削 第二推奨	✳	✳	✳	✳	✳	✳	✳

スミノン(CBN)インサート M86~ スミダイヤ(PCD)インサート M22 スミダイヤ(ハインダス)インサート M28

セラミックインサート B128 適用外径ホルダ C34, C35

コーティング

コーティング

超硬合金

形状	適用領域	型番	コーナー半径 RE	AC8015P	AC8025P	AC8035P	AC810P	AC820P	AC830P	AC6020M	AC6030M	AC6040M	AC610M	AC630M	AC4010K	AC4015K	AC420K	AC405K	AC415K	AC503U	AC5015S	AC5025S	AC510U	AC520U	AC1030U	AC530U	ACZ150	T1500Z	T3000Z	T1000A	T1500A	ST10P	ST20E	A30	G10E	EH510	EH520	H1					
軽く中切削	EX 16°	VNMG 160404N-EX	0.4																																								
		160408N-EX	0.8																																								
		UP 10°	VNMG 160404N-UP	0.4																																							
中切削	GU 7°	VNMG 160404N-GU	0.4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
		160408N-GU	0.8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		160412N-GU	1.2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
中切削	GE 3°	VNMG 160404N-GE	0.4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
		160408N-GE	0.8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		160412N-GE	1.2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
中切削	UX 0°	VNMG 160404N-UX	0.4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		160408N-UX	0.8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		160412N-UX	1.2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
中切削	UG 4°	VNMG 160404N-UG	0.4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
		160408N-UG	0.8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		VNMA 160404	0.4													●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
中粗切削	UZ 4°	VNMG 160404N-UZ	0.4	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		160408N-UZ	0.8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		160412N-UZ	1.2	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
アルミ用	GZ 0°	VNMG 160404N-GZ	0.4				●								●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
		160408N-GZ	0.8				●								●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
		160412N-GZ	1.2				●								●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
アルミ用	AX 30°	VNGG 160402R-AX	0.2																																						●		
		160402L-AX	0.2																																						●		
		160404R-AX	0.4																																							●	
		160404L-AX	0.4																																							●	
		160408R-AX	0.8																																								●

インサート

B

ネガティブ ポジティブ

C

D

R

S

T

V

W

セラミック