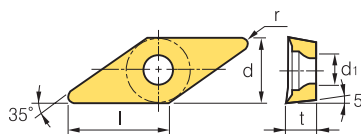


B Aluminum Insert (Positive)

VB

 Rhombic **35° Positive**
Relief Angle: 5°



Dimensions (mm)			
Size	d	t	d ₁
11	6.35	3.18	2.8
16	9.525	4.76	4.4

Workpiece	Steel							Machining types
	Stainless steel							
	Cast iron							 Continuous cutting  General cutting  Interrupted cutting
	Non-ferrous metal							
	Heat resistant alloy, Titanium alloy							
	Hardened steel							

Inserts	Designation	Coated			Uncoated		Cutting Condition	
		PC5040	PD1000	PD1010	H01	H05	f _n (mm/rev)	a _p (mm)
AK 	VBGT 110302-AK				●	●	0.02~0.15	0.05~3.00
	110304-AK				●	●	0.02~0.15	0.10~4.00
	110308-AK					●	0.03~0.18	0.10~5.00
	160402-AK						0.03~0.30	0.05~4.00
	160404-AK				●	●	0.03~0.40	0.10~5.00
	160408-AK				●	●	0.03~0.50	0.10~5.00
	160412-AK					●	0.05~0.60	0.10~5.50
AR 	VBGT 110302-AR						0.02~0.35	0.30~3.00
	110304-AR						0.03~0.45	0.30~4.00
	110308-AR						0.03~0.50	0.50~6.00
	160402-AR						0.04~0.45	0.30~5.00
	160404-AR				●	●	0.04~0.50	0.50~6.00
	160408-AR				●	●	0.05~0.60	0.50~6.00
	160412-AR						0.05~0.70	0.50~6.50

➡ Cutting edge geometry **A52~A61**

➡ Recommended chip breaker **B04~B11**

➡ Code system **B26~B27**

● : Stock item

Available tool holders			
Designation	Page	Designation	Page
SVABR/L	B183	SVVBN	B184
SVHBR/L	B183	SVQBR/L	B211
SVJBR/L	B115, 183	SVUBR/L	B212

