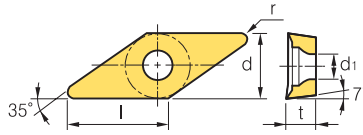


VC

Rhombic 35° Positive
Relief Angle: 7°



Dimensions (mm)			
Size	d	t	d ₁
11	6.35	3.18	2.8
13	7.94	3.18	3.4
16	9.525	4.76	4.4
22	12.7	5.56	5.6

Workpiece	Steel	P						Machining types	
	Stainless steel	M						● Continuous cutting	
Cast iron	K						● General cutting		
Non-ferrous metal	N	✱	●	✱	✱	✱	✱ Interrupted cutting		
Heat resistant alloy, Titanium alloy	S								
Hardened steel	H								

Inserts	Designation	Coated			Uncoated		Cutting Condition	
		PC5040	PD1000	PD1010	H01	H05	f _n (mm/rev)	a _p (mm)
AK 	VCGT 110301-AK				●		0.02~0.15	0.05~3.00
	110302-AK	●			●	●	0.02~0.20	0.05~3.00
	110304-AK	●		●	●	●	0.02~0.25	0.10~4.00
	110308-AK				●	●	0.03~0.30	0.10~5.00
	130302-AK	●			●	●	0.02~0.35	0.10~5.00
	130304-AK	●			●	●	0.03~0.35	0.10~5.00
	130308-AK						0.04~0.40	0.10~5.00
	160402-AK				●	●	0.02~0.30	0.05~5.00
	160404-AK		●	●	●	●	0.03~0.40	0.10~5.00
	160408-AK			●	●	●	0.03~0.50	0.10~5.00
	160412-AK				●	●	0.03~0.50	0.10~5.00
	220516-AK				●	●	0.03~0.60	0.10~7.00
	220525-AK					●	0.05~0.70	0.10~7.00
	220530-AK				●	●	0.08~1.00	0.10~7.00
AR 	VCGT 110301-AR						0.02~0.20	0.10~3.00
	110302-AR				●	●	0.02~0.25	0.30~3.00
	110304-AR				●	●	0.03~0.35	0.30~4.00
	110308-AR						0.04~0.45	0.50~6.00
	130302-AR					●	0.02~0.40	0.50~3.00
	130304-AR				●	●	0.03~0.45	0.50~4.00
	130308-AR						0.04~0.50	0.50~5.00
	160402-AR				●	●	0.03~0.40	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						0.06~0.65	0.50~6.50
	220516-AR						0.10~0.65	0.80~6.50
	220525-AR						0.10~0.70	0.80~7.00
	220530-AR				●	●	0.12~0.75	1.00~7.00

Cutting edge geometry **A52~A61**
 Recommended chip breaker **B04~B11**
 Code system **B26~B27**
 ● : Stock item

Available tool holders			
Designation	Page	Designation	Page
SVJCR/L	B115, 184, 211	SVQCR/L	B212
SVVCN	B184	SVUCR/L	B212

