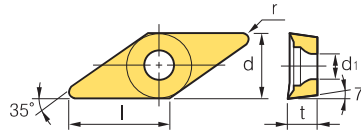




VC ○○



 Rhombic **35° Positive**
Relief Angle: 7°



Dimensions (mm)			
Size	d	t	d1
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				
Cast iron	K					
Non-ferrous metal	N	✦	●	✦		
Heat resistant alloy, Titanium alloy	S					
Hardened steel	H					

Inserts	Designation	Coated		Uncoated		Cutting Condition	
		PC5040	PD1000	H01	H05	fn (mm/rev)	ap (mm)
	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
	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 **A48~A55**
 Recommended chip breaker **B04~B11**
 Code system **B24~B25**
● : Stock item

Available tool holders			
Designation	Page	Designation	Page
SVJCR/L	B111, 178, 201	SVQCR/L	B202
SVVCN	B178	SVUCR/L	B202

