






























FBK Single-layer Composite Super Finishing Coating Insert

Grade	Insert shape	Insert model	Radius	Chamfer						
				01015	01020	01225	01520	01530	02020	
FBK7520C07		CCGW0602	04		•					
		CCGW09T3	04	•						
		CCGW1204	12				•			
		CNGA1204	08				•			
			16		•					
		DCGW11T3	04			•				
		DNGA1504	08			•				
		TCGW0902	04		•					
			04		•					
		TCGW1102	08		•					
		TNGA1604	16						•	
		VNGA1604	04					•		
		VCGW1604	04			•				










FBK Single-layer Composite Super Finishing Coating Insert

Grade	Insert shape	Insert model	Radius	Chamfer						
				01010	01020	01225	01525	01535	02035	03035
FBK9540C06 FBK9550C06 FBK9560C06		CCGW0602	04		•					
		CCGW09T3	04		•		•			
			08			•	•			
		CNGA1204	04		•					
			08			•				
		DCGW0702	04		•					
			04			•				
		DCGW11T3	08				•			•
			04			•				
		DNGA1504	04			•			•	
			08			•				
		TCGW0902	04		•					
			04	•		•				
		TCGW1103	04	•						
		TNGA1604	08			•		•		
08				•			•			
	VNGA1604	04			•					
		08		•			•			
	VBGW1604	04			•					
		08		•	•					
	WNGA0804	08			•		•			

FBN Impact-resistant Solid Insert

Grade	Insert shape	Insert model	Radius	Chamfer							
				02020	02030	02530	03020	05020	10020	20020	
FBN7600		RNGN0904	00	●							
		RNGN1204	00	●					●		
		RNMN1207	00	●				●			
		RNMN1507	00	●							
		RNMN2007	00					●			
		RNMN2010	00					●		●	
		RCGX0907Y	00	●				●			
		RCGX1207Y	00					●	●		
		RCGX0907V	00	●				●			
		RCGX1207V	00					●	●		
		RCGO1207	00		●						
			SNMN1207	12	●			●			
	SNMN1507		16				●	●			
	SNMN2010		20					●			
		CNMN1207	12	●			●				
			16	●		●					
	FBN9500		RNGN0904	00	●						
			RNGN1204	00	●						
RNMN1207			00	●				●			
		RCGX0907Y	00	●				●			
		RCGX1207Y	00		●		●				
		RCGX0907V	00	●				●			
		RCGX1207V	00		●		●				
		RCGO1207	00		●						
			SNMN1207	12	●						
SNMN1507			16					●			
		CNMN1207	08	●							
			12	●							

FBV Super Finishing Double-layer Composite Insert

Grade	Insert shape	Insert model	Radius	Chamfer						
				E	01010	01015	01520	02020	02025	02530
FBV7200		CNGA1204	08		●					
		DNGA1504	12					●		
		SNGN0904	08	●	●					
			12		●					
		SCGN0904	08	●	●					
			12	●	●					
		SNGN1204	12		●					
			16			●				
		TNGA1604	08				●			
		WNGA0804	08			●				
	12						●			
	FBV5800		CNGA1204	08				●	●	
16								●		
		DNGA1504	08				●			
		TNGA1604	08						●	
		VNGA1604	08	●	●					
			08				●			
12				●						

Grade and Applicable Industry of Funik FBN Impact-resistant Solid Insert

Grade	Machining Model	Applicable Industry	Workpiece Material	Feature
FBN7600	Rough machining / Semi-finishing	<ul style="list-style-type: none"> Roll, slurry pump Brake disc Brake drum Rolling mortar wall Parts of compressor 	<ul style="list-style-type: none"> High nickel-chromium, high hardness alloy cast iron and high speed steel Gray cast iron High manganese steel 	<ul style="list-style-type: none"> Wonderful combination of toughness and wear resistance, and good cutting edge stability Good universality, suitable for high-speed heavy loading rough machining from interrupted to continuous working conditions
FBN9500	Rough machining / Semi-finishing	<ul style="list-style-type: none"> Gear Bearing Mining machinery Coal mine machinery 	<ul style="list-style-type: none"> Hardened steel Surface overlaying material 	<ul style="list-style-type: none"> Balanced impact toughness and good wear resistance Suitable for severe interrupted to continuous machining under various working conditions

Grade and Applicable Industry of Funik FBV Double-layer Composite Insert

Grade	Machining Model	Applicable Industry	Workpiece Material	Feature
FBV7200	Finishing	<ul style="list-style-type: none"> Brake disc Brake drum Parts of compressor 	<ul style="list-style-type: none"> Gray cast iron 	<ul style="list-style-type: none"> Using CBN particles, with high CBN content, excellent wear resistance Continuous to interrupted high-speed finishing to achieve high quality and stable surface roughness
FBV5800	Finishing	<ul style="list-style-type: none"> Gear Bearing Parts of compressor 	<ul style="list-style-type: none"> Hardened steel Gray cast iron 	<ul style="list-style-type: none"> Excellent wear resistance and crater wear resistance Performance is best for continuous to mild interrupted finishing

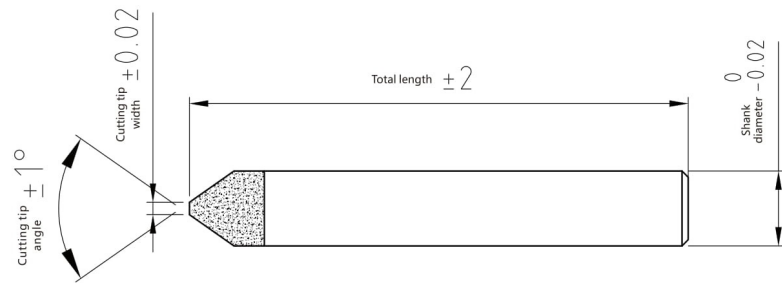
Grade and Applicable Industry of Funik Innovative FBN or FBV Coating Insert

Grade	Machining Model	Applicable Industry	Workpiece Material	Feature
FBN9500 C06	Semi-finishing / Finishing	<ul style="list-style-type: none"> Gear Bearing Mining machinery Coal mine machinery 	<ul style="list-style-type: none"> Hardened steel Cemented steel Surface overlaying material 	<ul style="list-style-type: none"> CBN material covered with brown PVD coating, more excellent wear resistance The coating bonding strength is high and it can maintain stable machining for a long time, and life is about 50% longer than FBN9500
FBV7200 C07	Finishing	<ul style="list-style-type: none"> Brake disc Brake drum Parts of compressor 	<ul style="list-style-type: none"> Gray cast iron 	<ul style="list-style-type: none"> The coating can achieve stable and excellent roughness in high precision machining The coating bonding strength is high and it can achieve a long machining life, which is about 30%-50% longer than FBV7200
FBV5800 C06	Finishing	<ul style="list-style-type: none"> Gear Bearing Parts of compressor 	<ul style="list-style-type: none"> Hardened steel Gray cast iron 	<ul style="list-style-type: none"> The coating improves the ability of the insert to suppress the crater wear The coating bonding strength is high and it can maintain stable machining for a long time, and life is about 50% longer than FBV5800

Grade and Applicable Industry of Funik FBK Single-layer Composite Super finishing Coating Insert

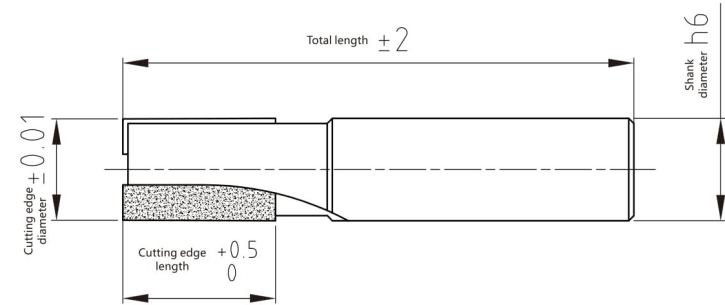
Grade	Machining Model	Applicable Industry	Workpiece Material	Feature	Cutting speed Vc (m/min)	Cutting fluid
FBK7520 C07	Finishing	<ul style="list-style-type: none"> Brake disc Gear 	<ul style="list-style-type: none"> Gray cast iron 	<ul style="list-style-type: none"> Capable of the machining of various materials From interrupted to continuous high speed finishing The coating bonding strength is strong and it can effectively improve the life of cutting tool 	600-1200	Dry cut or wet cut
			<ul style="list-style-type: none"> Powder metallurgy 		90-200	
FBK9540 C06	Finishing	<ul style="list-style-type: none"> Gear Bearing 	<ul style="list-style-type: none"> Hardened steel 	<ul style="list-style-type: none"> Excellent thermal stability and red hardness result in prominent wear resistance High speed continuous finishing The excellent high temperature and wear resistance of the coating can significantly reduce the wear of the cutting tip 	180-300	Dry cut or wet cut
FBK9550 C06	Finishing	<ul style="list-style-type: none"> Gear Bearing 	<ul style="list-style-type: none"> Bearing steel Cemented steel 	<ul style="list-style-type: none"> The wear resistance and collapse resistance are relatively balanced Medium interrupted and continuous finishing The excellent high temperature and wear resistance of the coating can significantly reduce the wear of the cutting tip 	100-175	Dry cut or wet cut
FBK9560 C06	Finishing	<ul style="list-style-type: none"> Gear Bearing 	<ul style="list-style-type: none"> Cemented steel 	<ul style="list-style-type: none"> Strong collapse resistance and cutting tip handling Heavy interrupted finishing The excellent high temperature and wear resistance of the coating can significantly reduce the wear of the tool nose 	100-200	Dry cut

PCD cutting tool for stone carving



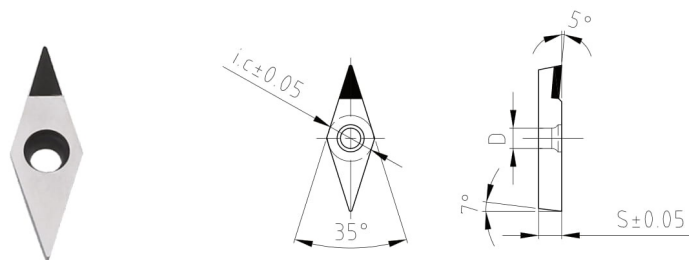
Grade	Cutting tip width (mm)	Cutting tip angle	Shank diameter (mm)	Total length (mm)
5632	0.2	45°	6	40
5632	0.4	45°	6	40
5632	0.2	60°	6	40
5632	0.4	60°	6	40
5632	0.2	70°	6	40
5632	0.4	70°	6	40
5632	1	70°	6	40
5632	2	70°	6	40
5632	0.2	90°	6	40
5632	0.4	90°	6	40
5632	1	90°	6	40
5632	2	90°	6	40

PCD milling cutter

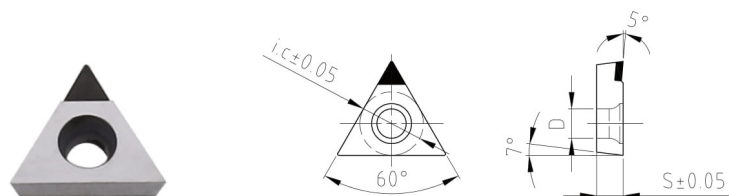


Grade	Cutter diameter (mm)	Cutting edge length (mm)	Number of cutting edge	Shank diameter (mm)	Total length (mm)
5610	2	3	1	4	40
5610	3	4	1	6	40
5610	4	6	1	6	40
5610	10	12	1	10	50
5610	12	12	1	10	50
5610	4	12	2	10	50
5610	6	12	2	10	50
5610	8	12	2	10	50
5610	10	12	2	10	50
5610	12	12	2	10	50

PCD insert

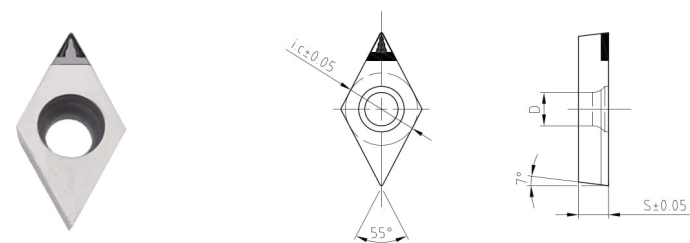


Grade	Model No.	$\phi i.c$	S	R	D
5685	VCGW11T302	6.35	3.97	0.2	2.8
5685	VCGW11T304	6.35	3.97	0.4	2.8
5685	VCGW160404	9.525	4.76	0.4	4.4
5685	VCGW160408	9.525	4.76	0.8	4.4

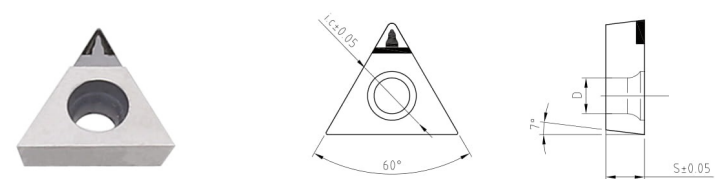


Grade	Model No.	$\phi i.c$	S	R	D
5685	TCGW110302	6.35	3.18	0.2	2.8
5685	TCGW110304	6.35	3.18	0.4	2.8
5685	TCGW160404	9.525	4.76	0.4	4.4
5685	TCGW160408	9.525	4.76	0.8	4.4

PCD insert - chip breaker

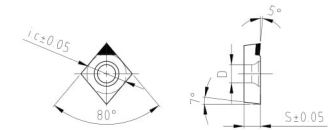


Grade	Model No.	$\phi i.c$	S	R	D
5685	DCGW11T302	9.525	3.97	0.2	4.4
5685	DCGW11T304	9.525	3.97	0.4	4.4
5685	DCGW11T308	9.525	3.97	0.8	4.4

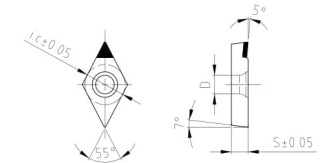


Grade	Model No.	$\phi i.c$	S	R	D
5685	TCGW110302	6.35	3.18	0.2	2.8
5685	TCGW110304	6.35	3.18	0.4	2.8
5685	TCGW160404	9.525	4.76	0.4	4.4
5685	TCGW160408	9.525	4.76	0.8	4.4

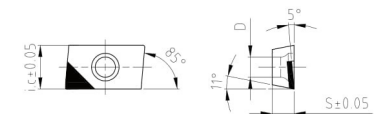
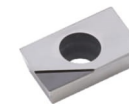
PCD insert



Grade	Model No.	$\varphi i.c$	S	R	D
5685	CCGW09T302	9.525	3.97	0.2	4.4
5685	CCGW09T304	9.525	3.97	0.4	4.4
5685	CCGW120404	12.7	4.76	0.4	5.5
5685	CCGW120408	12.7	4.76	0.8	5.5



Grade	Model No.	$\varphi i.c$	S	R	D
5685	DCGW11T302	9.525	3.97	0.2	4.4
5685	DCGW11T304	9.525	3.97	0.4	4.4
5685	DCGW11T308	9.525	3.97	0.8	4.4



Grade	Model No.	$\varphi i.c$	S	R	D
5685	APKT160402	9.525	4.76	0.2	4.4
5685	APKT160404	9.525	4.76	0.4	4.4
5685	APKT160408	9.525	4.76	0.8	4.4