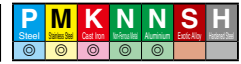
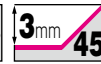


DGCF13000R(S) Type

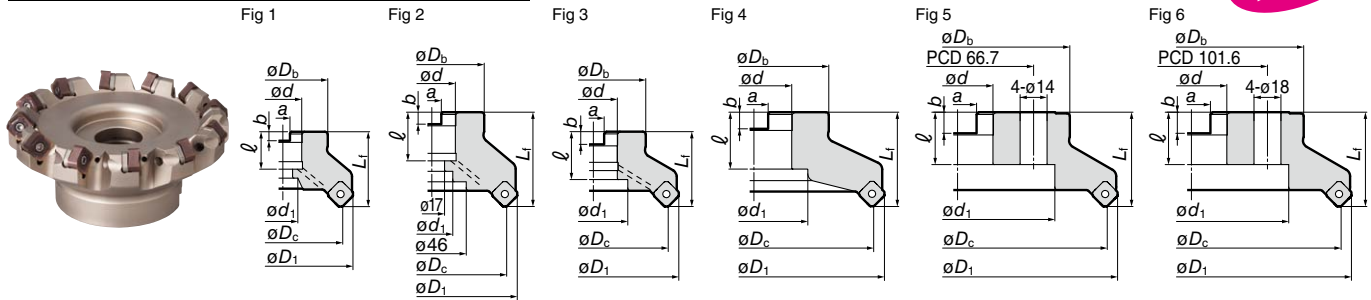
Rake Angle	Radial	-10°
	Axial	-5°



(SNMT/SNET) (ONMT/ONET)

Expansion

General Milling for Steel & Cast Iron



Body (Extra-Fine Pitch)

Cat. No.	Stock	Dimensions (mm)										No. of Teeth	Weight (kg)	Fig
		ϕD_c	ϕD_1	ϕD_b	L_1	ϕd	a	b	l	ϕd_1				
DGCF 13050RS	●	50 (52.9)	64	40	40 (38.44)	22	10.4	6.3	20	18	5	0.3	1	
13063RS	●	63 (65.9)	77	50	40 (38.44)	22	10.4	6.3	20	18	6	0.5	1	
13080RS	●	*80 (82.9)	94	60	50 (48.44)	27	12.4	7	25	20	8	1.1	1	
13100RS	●	100 (102.9)	114	70	50 (48.44)	32	14.4	8.5	32	46	10	1.4	3	
13125RS	●	125 (127.9)	139	80	63 (61.44)	40	16.4	9.5	29	52	12	2.7	1	
13160RS	●	160 (162.9)	174	130	63 (61.44)	40	16.4	9.5	29	88	14	4.4	5	
13200RS	●	200 (202.9)	214	150	63 (61.44)	60	25.7	14	35	130	16	6.9	6	
13250RS	●	250 (252.9)	264	190	63 (61.44)	60	25.7	14	35	160	18	11	6	
DGCF 13080R	●	*80 (82.9)	94	60	50 (48.44)	25.4	9.5	6	25	20	8	1.1	1	
13100R	●	*100 (102.9)	114	70	63 (61.44)	31.75	12.7	8	32.5	28	10	2.1	2	
13125R	●	125 (127.9)	139	80	63 (61.44)	38.1	15.9	10	35.5	55	12	2.7	1	
13160R	●	160 (162.9)	174	100	63 (61.44)	50.8	19.1	11	38	72	14	4.4	4	
13200R	●	200 (202.9)	214	150	63 (61.44)	47.625	25.4	14	35	130	16	6.9	6	
13250R	●	250 (252.9)	264	190	63 (61.44)	47.625	25.4	14	35	150	18	11	6	

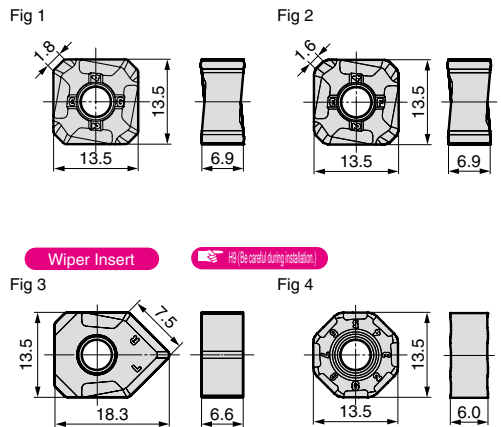
Inserts are not included. Sizes $\phi 160$ mm or above do not have coolant holes. Figures in parentheses indicate values for ONMT/ONET type inserts.

*Please use JIS B1176 hexagonal bolt ($\phi 80$: M12x30 to 35mm, $\phi 100$: M16x40 to 45mm) for securing $\phi 80/\phi 100$ cutter to the arbour.

Inserts

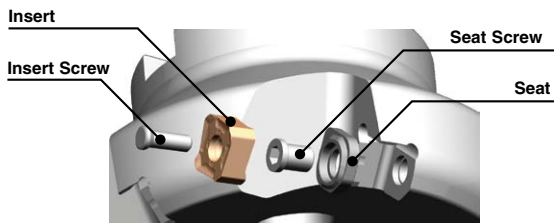
Steel (P) Stainless Steel (M) Cast Iron (K) Non-Ferrous Metal (N) Exotic Alloy (S) Hardened Steel (H)

Grade	Coated Carbide		Carbide	DLC	SUMIDIA	Fig						
	High Speed/Light	General Purpose	General Purpose	General Purpose	General Purpose							
Application	P	K	M	N	S							
	P	K	M	N	S							
	P	K	M	N	S							
Cat. No.	ACP100	ACP200	ACP300	ACK200	ACK300	ACM200	ACM300	H1	EH520	DL1000	T4500A	
SNMT 13T6ANER-L	●	●	●	●	●							1
13T6ANER-G	●	●	●	●	●							1
13T6ANER-H	●	●	●	●	●							1
13T6ANER-FL	●	●	●	●	●							2
13T6ANER-FG	●	●	●	●	●							2
SNET 13T6ANER-L	●	●	●	●	●	●	●					1
13T6ANER-G	●	●	●	●	●	●	●					1
13T6ANER-FL	●	●	●	●	●	●	●					2
13T6ANER-FG	●	●	●	●	●	●	●					2
13T6ANFR-S	●	●	●	●	●	●	●					1
XNEU 13T6ANEN-W	●	●	●	●	●							3
ONMT 05T6ANER-L	●	●	●	●	●							4
05T6ANER-G	●	●	●	●	●							4
ONET 05T6ANER-L	●	●	●	●	●	●	●					4
05T6ANER-G	●	●	●	●	●	●	●					4



Wiper inserts can be used only in combination with square inserts.

* The new ACP100 and new ACK200 may vary in color or luster, but these variations do not affect the performance.

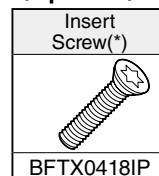


Identification Details

DGC F 13 050 R S

(1) Cutter Series (2) M: Fine Pitched F: Extra-Fine Pitched (3) Insert Size (4) Cutter (5) Direction (6) Metric Bore

(Optional)



Recommended Cutting Conditions

H31

Parts

Seat	Seat Screw	L Type Wrench	Insert Screw	Spanner	Anti-seizure Cream
DGCS13R	BW06509F	LH040	BFTX0412IP τ_{max} 3.0	TRDR15IP	SUMI-P

τ_{max} Recommended Tightening Torque (N·m)

*Corners can be changed simply by loosening the screw. (Only applies to DGC / DGCM types with body size $\phi 80$ or above.)