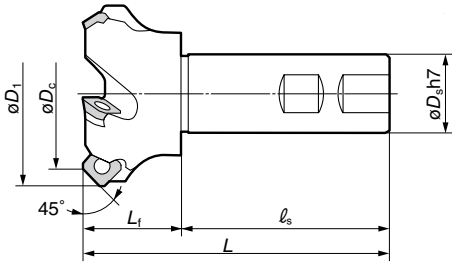
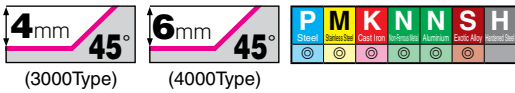


WGC3000EW/4000EW Type



Body (WGC 3000EW Type)

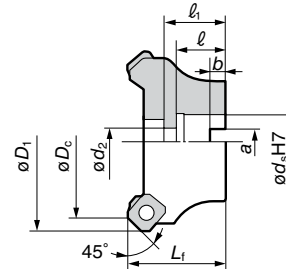
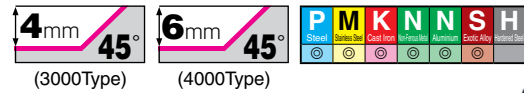
Cat. No.	Stock	Dimensions (mm)						No. of Teeth
		ϕD_c	ϕD_1	ϕD_s	L_f	L_s	L	
WGC 3020EW	●	20	29	20	40	60	100	2
3025EW	●	25	34	20	40	60	100	3
3032EW	●	32	41	32	40	85	125	4
3040EW	●	40	49	32	40	85	125	4
3050EW	●	50	59	32	40	85	125	5
WGC 3063EW	●	63	72	32	40	85	125	6

Body (WGC 4000EW Type)

WGC 4032EW	●	32	44	32	40	85	125	3
4040EW	●	40	52	32	40	85	125	3
4050EW	●	50	62	32	40	85	125	4
4063EW	●	63	76	32	40	85	125	5

Inserts are not included.

WGC3000RS/WGC(F)4000RS Type



Body (WGC 3000RS Type)

Cat. No.	Stock	Dimensions (mm)										No. of Teeth
		ϕD_c	ϕD_1	ϕd_s	ϕd_2	b	a	L_f	ℓ	ℓ_1		
WGC 3032RS	●	32	41	16	9	5.6	8.4	40	18	28	4	
3040RS	●	40	49	16	9	5.6	8.4	40	18	28	4	
3050RS	●	50	59	22	11	6.3	10.4	40	20	26	5	
3063RS	●	63	72	22	11	6.3	10.4	40	20	26	6	

Body (WGC 4000RS Type)

WGC 4040RS	●	40	52	16	9	5.6	8.4	40	18	28	3
4050RS	●	50	63	22	11	6.3	10.4	40	20	26	3
4063RS	●	63	76	22	11	6.3	10.4	40	20	26	4

Body (WGCF 4000RS Type)

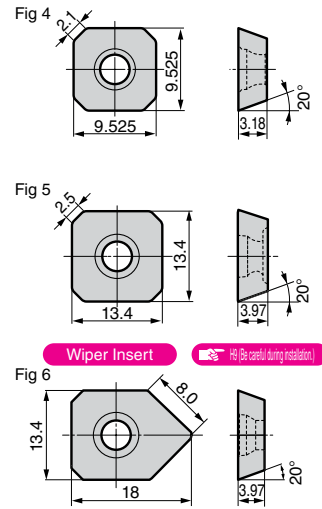
WGCF 4050RS	●	50	63	22	11	6.3	10.4	40	20	26	5
4063RS	●	63	76	22	11	6.3	10.4	40	20	26	6

Inserts are not included.

Insert

Legend: P Steel, M Stainless Steel, K Cast Iron, N Non-Ferrous Metal, S Exotic Alloy, H Hardened Steel

Grade	Coated Carbide					DLC	Carbide		Cermet	SUMIDIA		Fig	Application	
	High Speed/Light	General Purpose	Roughing											
Cat. No.	ACP100	ACP200	ACP300	ACK200	ACK300	DL1000	A30N	EH620	H1	T250A	DA1000	DA2200		
SEET 0903AGFN-L	●	●	●	●	●	●							4	WGC 3000 Type
0903AGSN-G	●	●	●	●	●			●		●			4	
0903AGSN-N	●	●	●	●	●					●			4	
SEMT 0903AGSN-L	●	●	●	●	●								4	
0903AGSN-G	●	●	●	●	●			●					4	
SEET 13T3AGFN-L	●	●	●	●	●	●			●				5	WGC 4000 Type WGCF 4000 Type
13T3AGSN-G	●	●	●	●	●			●		●			5	
13T3AGSN-N	●	●	●	●	●					●			5	
SEMT 13T3AGSN-L	●	●	●	●	●								5	
13T3AGSN-G	●	●	●	●	●			●					5	
13T3AGSN-H	●	●	●	●	●								5	
NF-SECW 13T3AGTN-N											●	▲	5	
NF-XEEW 13T3AGFR-W											●	▲	6	
XEEW 13T3AGER-W					●					●			6	



Spare Parts

Seat	Seat Screw	Insert Screw	Spanner (For Insert)	Spanner (For Seat)	Applicable Endmill
—	—	BFTX0307IP	$\text{N}\cdot\text{m}$ 2.0	TRDR10IP	—
—	—	BFTX03512IP	$\text{N}\cdot\text{m}$ 3.0	TRDR15IP	—
WGCS13R	BW0507F	BFTX03512IP	$\text{N}\cdot\text{m}$ 3.0	TRDR15IP	LH035

* SUMI-P anti-seizure cream is included in the package.

$\text{N}\cdot\text{m}$ Recommended Tightening Torque (N·m)

Recommended Cutting Conditions WGC3000EW/RS Type (Common)

ISO	Work Material	Hardness	Cutting Speed v_c (m/min) Min. - Optimum -Max.	Feed Rate f_z (mm/t) Min. - Optimum -Max.	Grade
P	General Steel	180 to 280HB	150-200-250	0.10-0.15-0.20	ACP200
	Soft Steel	$\leq 180\text{HB}$	180-250-350	0.10-0.18-0.25	ACP200
	Die Steel	200 to 220HB	100-150-200	0.15-0.18-0.20	ACP200
M	Stainless Steel	—	160-200-250	0.15-0.18-0.20	ACP300
K	Cast Iron	250HB	100-200-250	0.15-0.18-0.20	ACK200
N	Non-Ferrous Alloy	—	300-500-1000	0.15-0.18-0.20	DL1000

Note: The cutting conditions above are a guide. Actual conditions will need to be adjusted according to machine rigidity, work clamp rigidity, cutting depth, and other factors.

Recommended Cutting Conditions WGC4000EW/RS·WGCF4000RS Type (Common)

ISO	Work Material	Hardness	Cutting Speed v_c (m/min) Min. - Optimum -Max.	Feed Rate f_z (mm/t) Min. - Optimum -Max.	Grade
P	General Steel	180 to 280HB	150-200-250	0.10-0.20-0.30	ACP200
	Soft Steel	$\leq 180\text{HB}$	180-250-350	0.10-0.25-0.40	ACP200
	Die Steel	200 to 220HB	100-150-200	0.15-0.20-0.25	ACP200
M	Stainless Steel	—	160-200-250	0.15-0.23-0.30	ACP300
K	Cast Iron	250HB	100-200-250	0.15-0.23-0.30	ACK200
N	Non-Ferrous Alloy	—	300-500-1000	0.15-0.18-0.20	DL1000

Note: The cutting conditions above are a guide. Actual conditions will need to be adjusted according to machine rigidity, work clamp rigidity, cutting depth, and other factors.

▲mark : To be replaced by new item (Please confirm stock availability)