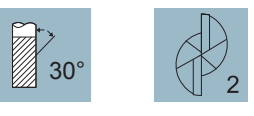


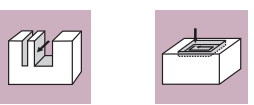
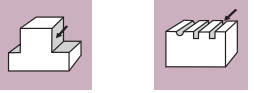
G697DC 超微粒鎢鋼鑽石塗層石墨用立銑刀

End Mills For Graphite

MG Carbide **Diamond DC**



Type of Operation



Work Material

P	H	M	K	N	S
				●	

N 石墨 Graphite

Feature of product:
 石墨用深溝平頭立銑刀
 搭配超高硬度鑽石塗層具有極高的耐磨性，且可以在高速狀態下保持磨耗程度。
 適用於石墨電極的清角處理。

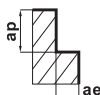


Code No. G697DC-Dc×R×L1

Dc 0 -0.02	R ±0.01	L1 mm	Lc mm	L mm	d h5	D1 mm	Diamond G697DC
0.5	R0.1	5	0.9	50	4	0.45	●
0.5	R0.1	10	0.9	50	4	0.45	●
0.5	R0.1	15	0.9	60	4	0.45	●
0.5	R0.1	20	0.9	60	4	0.45	●
1	R0.2	5	1.5	50	4	0.95	●
1	R0.2	10	1.5	50	4	0.95	●
1	R0.2	15	1.5	60	4	0.95	●
1	R0.2	20	1.5	60	4	0.95	●
1	R0.2	30	1.5	80	4	0.95	●
1.5	R0.2	5	2.3	60	4	1.45	●
1.5	R0.2	10	2.3	60	4	1.45	●
1.5	R0.2	15	2.3	60	4	1.45	●
1.5	R0.2	20	2.3	60	4	1.45	●
1.5	R0.2	30	2.3	80	4	1.45	●
1.5	R0.2	40	2.3	80	4	1.45	●
2	R0.2	5	3	60	4	1.95	●
2	R0.2	10	3	60	4	1.95	●
2	R0.2	15	3	60	4	1.95	●
2	R0.2	20	3	60	4	1.95	●
2	R0.2	30	3	80	4	1.95	●
2	R0.2	40	3	80	4	1.95	●
2	R0.2	60	3	100	4	1.95	●
3	R0.2	10	4.5	60	4	2.85	●
3	R0.2	20	4.5	60	4	2.85	●
3	R0.2	40	4.5	80	4	2.85	●
3	R0.2	60	4.5	100	4	2.85	●
4	R0.2	20	6	60	4	3.85	●
4	R0.2	40	6	80	4	3.85	●
4	R0.2	60	6	120	4	3.85	●

High-speed machining 高速加工

被削材 Work Material		GR.14 石墨 Graphite			
型號 Code No.	刃徑×頸長 Dc×Ll	RPM 迴轉速度 [min-1]	Feed 進給速度 [mm/min]	AP 切削深度 (mm)	AE 切削寬度 (mm)
G697DC	0.5×5	19000~16000	684~575	0.05	0.24
G697DC	0.5×10	15200~12000	540~500	0.04	0.24
G697DC	0.5×15	10400~9000	375~325	0.03	0.12
G697DC	0.5×20	10200~8000	375~290	0.03	0.09
G697DC	1×5	15200~12000	1080~865	0.12	0.45
G697DC	1×10	15200~12000	1080~865	0.1	0.45
G697DC	1×15	13300~11000	950~790	0.1	0.43
G697DC	1×20	11000~8000	820~575	0.1	0.4
G697DC	1×30	8500~700	615~505	0.08	0.35
G697DC	1.5×5	15200~13000	1300~1100	0.17	0.85
G697DC	1.5×10	15200~13000	1300~1100	0.12	0.85
G697DC	1.5×15	13300~11000	1140~925	0.1	0.85
G697DC	1.5×20	12000~10000	1020~850	0.1	0.85
G697DC	1.5×30	11400~8000	950~670	0.08	0.85
G697DC	1.5×40	9500~7000	870~590	0.08	0.7
G697DC	2×5	15200~12000	1900~1500	0.3	1.25
G697DC	2×10	15200~12000	1900~1500	0.3	1.25
G697DC	2×15	12300~9000	1500~1150	0.2	1.25
G697DC	2×20	104500~8000	1330~1000	0.18	1.2
G697DC	2×30	9000~7000	1080~850	0.13	0.8
G697DC	2×40	7600~6000	950~755	0.13	0.8
G697DC	2×60	5700~4000	715~505	0.07	0.6
G697DC	3×10	15200~12000	2300~1850	0.35	2.0
G697DC	3×20	13300~10000	2040~1550	0.3	2.0
G697DC	3×40	11400~8000	1750~1250	0.2	1.8
G697DC	3×60	6650~4000	1045~615	0.15	1.6
G697DC	4×20	12000~8500	3250~2300	0.35	2.8
G697DC	4×40	11400~8000	2950~2100	0.35	2.8
G697DC	4×60	5700~3000	1615~855	0.2	2.0



1. Please work with good rigidity / high precision facilities and collet chuck.
 2. Please choose proper cutting fluid.
 3. The cutting data is reference value only. Please adjust it according to your real working conditions.
 4. If RPM is lower the reference value, the Feed rate (fz) and RPM should be reduced by the same proportion.
 5. If vibration occurs during cutting, please reduce cutting parameter.
1. 請使用剛性好、精度高的設備和夾具。
 2. 請選擇適用於工件材料的切削液。
 3. 此切削條件表中的數值為切削條件的基準值，實際加工時，請考慮加工形狀、目的、使用機台等因素，對切削條件進行調整。
 4. 如果機台轉速低於表中所列數值，則進給速度應與轉速按同一比例降低。
 5. 切削加工時如果發生振顫，請降低切削條件。