

# DB 2T

## 切削條件表 MILLING CONDITIONS

被切削材 Work Material		碳素鋼 / 鑄鐵 : Carbon Steels / Cast Iron S50C / Fc250 / SS440 : 1.1210 / 0.6025 / 1.0036 : 1050 / N0.35 / A570 Gr.45 (~HRC22)					
冷卻方式 Coolant Type		乾式切削 Dry coolant					
型號 Type NO.	刀具伸長量 Extension Length(mm)	切削速度 Cutting Speed(m/min)	迴轉速度 Speed (min <sup>-1</sup> )	進給速度 Feed (mm/min)	加工深度 (Aa) Depth of Cut	加工寬度 (Ap) Width of Cut	加工方式 Milling Type
DB0102	10	60	18000~20000	600~900	0.05~0.08	0.12~0.16	3D 銑 (3D milling)
DB0102	10	60	18000~20000	800~1200	0.02~0.04	0.04~0.08	3D 銑 (3D milling)
DB0152	10	90	18000~20000	600~900	0.05~0.09	0.14~0.18	3D 銑 (3D milling)
DB0152	10	90	18000~20000	800~1200	0.03~0.05	0.06~0.1	3D 銑 (3D milling)
DB0202	12	120	18000~20000	600~900	0.05~0.09	0.14~0.18	3D 銑 (3D milling)
DB0202	12	120	18000~20000	800~1200	0.03~0.05	0.06~0.1	3D 銑 (3D milling)
DB0252	12	135	17000~18000	600~900	0.06~0.1	0.16~0.2	3D 銑 (3D milling)
DB0252	12	135	17000~18000	800~1200	0.04~0.06	0.08~0.12	3D 銑 (3D milling)
DB0302	13	150	16000~17000	600~900	0.07~0.12	0.2~0.24	3D 銑 (3D milling)
DB0302	13	150	16000~17000	800~1200	0.05~0.07	0.1~0.14	3D 銑 (3D milling)
DB0402	15	190	15000~16000	600~900	0.1~0.14	0.22~0.26	3D 銑 (3D milling)
DB0402	15	190	15000~16000	900~1300	0.06~0.08	0.14~0.22	3D 銑 (3D milling)
DB0502	18	220	14000~15000	600~900	0.1~0.16	0.26~0.32	3D 銑 (3D milling)
DB0502	18	220	14000~15000	1000~1400	0.07~0.09	0.14~0.18	3D 銑 (3D milling)
DB0602	20	245	13000~14000	800~1200	0.15~0.2	0.3~0.4	3D 銑 (3D milling)
DB0602	20	245	13000~14000	1200~1600	0.07~0.11	0.14~0.22	3D 銑 (3D milling)
DB0802	30	255	10000~11000	900~1200	0.1~0.23	0.36~0.46	3D 銑 (3D milling)
DB0802	30	255	10000~11000	1300~1700	0.08~0.13	0.16~0.26	3D 銑 (3D milling)
DB1002	35	285	8700~9200	900~1200	0.2~0.28	0.46~0.56	3D 銑 (3D milling)
DB1002	35	285	8700~9200	1300~1700	0.1~0.15	0.2~0.3	3D 銑 (3D milling)
DB1202	40	265	7000~8000	900~1200	0.2~0.3	0.54~0.64	3D 銑 (3D milling)
DB1202	40	265	7000~8000	1200~1600	0.15~0.2	0.3~0.4	3D 銑 (3D milling)
DB1602	50	255	5000~6000	700~1100	0.3~0.4	0.7~0.8	3D 銑 (3D milling)
DB1602	50	255	5000~6000	1000~1400	0.15~0.2	0.36~0.46	3D 銑 (3D milling)

# DB 2T

## 切削條件表 MILLING CONDITIONS

被切削材 Work Material		調質鋼 / 預硬鋼 : Prehardened Steels NAK80 : 1.2083 : AISI420 : M310 (HRC 36~45)					
冷卻方式 Coolant Type		乾式切削 Dry coolant					
型號 Type NO.	刀具伸長量 Extension Length(mm)	切削速度 Cutting Speed(m/min)	迴轉速度 Speed (min <sup>-1</sup> )	進給速度 Feed (mm/min)	加工深度 (Aa) Depth of Cut	加工寬度 (Ap) Width of Cut	加工方式 Milling Type
DB0102	10	60	18000~20000	300~600	0.05~0.08	0.12~0.16	3D 銑 (3D milling)
DB0102	10	60	18000~20000	600~900	0.02~0.04	0.04~0.08	3D 銑 (3D milling)
DB0152	10	90	18000~20000	300~600	0.05~0.09	0.14~0.18	3D 銑 (3D milling)
DB0152	10	90	18000~20000	600~900	0.03~0.05	0.06~0.1	3D 銑 (3D milling)
DB0202	12	120	18000~20000	300~600	0.05~0.09	0.14~0.18	3D 銑 (3D milling)
DB0202	12	120	18000~20000	600~900	0.03~0.05	0.06~0.1	3D 銑 (3D milling)
DB0252	12	135	17000~18000	300~600	0.05~0.09	0.14~0.18	3D 銑 (3D milling)
DB0252	12	135	17000~18000	600~900	0.03~0.05	0.06~0.1	3D 銑 (3D milling)
DB0302	13	150	16000~17000	300~600	0.06~0.11	0.18~0.22	3D 銑 (3D milling)
DB0302	13	150	16000~17000	600~900	0.04~0.06	0.08~0.12	3D 銑 (3D milling)
DB0402	15	175	14000~15000	400~700	0.1~0.13	0.22~0.26	3D 銑 (3D milling)
DB0402	15	175	14000~15000	800~1200	0.06~0.08	0.14~0.22	3D 銑 (3D milling)
DB0502	18	205	13000~14000	500~800	0.1~0.13	0.22~0.26	3D 銑 (3D milling)
DB0502	18	205	13000~14000	900~1300	0.06~0.08	0.14~0.22	3D 銑 (3D milling)
DB0602	20	230	12000~13000	600~900	0.1~0.16	0.26~0.32	3D 銑 (3D milling)
DB0602	20	230	12000~13000	900~1300	0.07~0.11	0.14~0.22	3D 銑 (3D milling)
DB0802	30	255	10000~11000	700~1100	0.1~0.2	0.3~0.4	3D 銑 (3D milling)
DB0802	30	255	10000~11000	1000~1400	0.08~0.12	0.16~0.24	3D 銑 (3D milling)
DB1002	35	285	8700~9200	700~1100	0.2~0.25	0.4~0.5	3D 銑 (3D milling)
DB1002	35	285	8700~9200	1000~1400	0.1~0.15	0.2~0.3	3D 銑 (3D milling)
DB1202	40	260	6500~7500	600~900	0.2~0.28	0.4~0.56	3D 銑 (3D milling)
DB1202	40	260	6500~7500	1000~1400	0.15~0.2	0.2~0.3	3D 銑 (3D milling)
DB1602	50	275	5000~6000	500~700	0.2~0.32	0.54~0.64	3D 銑 (3D milling)
DB1602	50	275	5000~6000	800~1100	0.15~0.2	0.3~0.4	3D 銑 (3D milling)