DHF

被切削材 Work Material	調質鋼,預硬鋼 Prehardened Steels: NAK80 , 1.2083 (HRc38)						
型號 Type NO.	刀具伸長量 Extension Length	切削速度 Cutting Speed (m/min)	迴轉速度 Speed (mim^1)	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
UNBX0201	12mm	15	24000~26000	250~400	0.008~0.012	0,2	溝銑(Slotting)
UNBX0201	12mm	15	24000~26000	400~550	0.008~0.012	0.01~0.03	3D銑(3D milling)
UNBX0202	13mm	15	24000~26000	200~350	0.006~0.01	0,2	溝銑(Slotting)
UNBX0202	13mm	15	24000~26000	350~500	0.006~0.01	0.01~0.02	3D銑(3D milling)
UNBX0301	13mm	25	22000~24000	400~600	0.015~0.02	0,3	溝銑(Slotting)
UNBX0301	13mm	25	22000~24000	600~700	0.015~0.02	0.02~0.04	3D銑(3D milling)
UNBX0302	14mm	25	22000~24000	350~550	0.015~0.02	0,3	溝銑(Slotting)
UNBX0302	14mm	25	22000~24000	500~600	0.015~0.02	0.02~0.04	3D銑(3D milling)
UNBX0303	15mm	25	22000~24000	200~400	0.01~0.015	0,3	溝銑(Slotting)
UNBX0303	15mm	25	22000~24000	300~500	0.01~0.015	0.02~0.03	3D銑(3D milling)
UNBX0402	14mm	30	22000~24000	400~600	0.015~0.025	0,4	溝銑(Slotting)
UNBX0402	14mm	30	22000~24000	500~700	0.015~0.025	0.03~0.05	3D銑(3D milling)
UNBX0403	15mm	30	22000~24000	300~500	0.01~0.015	0,4	溝銑(Slotting)
UNBX0403	15mm	30	22000~24000	400~600	0.01~0.015	0.02~0.03	3D銑(3D milling)
UNBX0404	16mm	30	22000~24000	200~400	0.008~0.012	0,4	溝銑(Slotting)
UNBX0404	16mm	30	22000~24000	300~500	0.008~0.012	0.015~0.03	3D銑(3D milling)
UNBX0502	15mm	35	20000~22000	500~700	0.02~0.03	0,5	溝銑(Slotting)
UNBX0502	15mm	35	20000~22000	650~850	0.02~0.03	0.04~0.06	3D銑(3D milling)
UNBX0504	17mm	35	20000~22000	350~550	0.015~0.02	0,5	溝銑(Slotting)
UNBX0504	17mm	35	20000~22000	500~700	0.015~0.02	0.02~0.05	3D銑(3D milling)
UNBX0506	19mm	35	20000~22000	300~500	0.01~0.015	0,5	溝銑(Slotting)
UNBX0506	19mm	35	20000~22000	450~650	0.01~0.015	0.02~0.05	3D銑(3D milling)
UNBX0602	16mm	40	20000~22000	700~900	0.025~0.035	0,6	溝銑(Slotting)
UNBX0602	16mm	40	20000~22000	800~1000	0.025~0.035	0.05~0.08	3D銑(3D milling)
UNBX0604	18mm	40	20000~22000	400~600	0.02~0.03	0,6	溝銑(Slotting)
UNBX0604	18mm	40	20000~22000	600~800	0.015~0.03	0.03~0.06	3D銑(3D milling)
UNBX0606	20mm	40	20000~22000	300~500	0.015~0.025	0,6	溝銑(Slotting)
UNBX0606	20mm	40	20000~22000	450~650	0.015~0.03	0.03~0.06	3D銑(3D milling)
UMBX0804	15mm	50	18000~20000	800~1000	0.02~0.04	0,8	溝銑(Slotting)
UMBX0804	15mm	50	18000~20000	900~1100	0.04~0.06	0.1~0.15	3D銑(3D milling)
UMBX0804	15mm	50	18000~20000	1300~1500	0.02~0.04	0.04~0.08	3D銑(3D milling)
UNBX0806	17mm	50	18000~20000	700~900	0.02~0.04	0,8	溝銑(Slotting)
UNBX0806	17mm	50	18000~20000	800~1000	0.04~0.06	0.1~0.15	3D銑(3D milling)
UNBX0806	17mm	50	18000~20000	1100~1300	0.02~0.04	0.04~0.08	3D銑(3D milling)
UNBX0808	19mm	50	18000~20000	600~800	0.02~0.04	0,8	溝銑(Slotting)
UNBX0808	19mm	50	18000~20000	700~900	0.04~0.06	0.1~0.15	3D銑(3D milling)
UNBX0808	19mm	50	18000~20000	1100~1300	0.01~0.03	0.04~0.08	3D銑(3D milling)
UNBX1004	11mm	55	17000~18000	800~1000	0.02~0.04	1	溝銑(Slotting)
UNBX1004	11mm	55	17000~18000	900~1100	0.05~0.07	0.1~0.15	3D銑(3D milling)
UNBX1004	11mm	55	17000~18000	1300~1500	0.02~0.04	0.04~0.08	3D銑(3D milling)
UNBX1006	13mm	55	17000~18000	700~900	0.02~0.04	1	溝銑(Slotting)
UNBX1006	13mm	55	17000~18000	800~1000	0.05~0.07	0.1~0.15	3D銑(3D milling)
UNBX1006	13mm	55	17000~18000	1300~1500	0.02~0.04	0.04~0.08	3D銑(3D milling)
UNBX1008	15mm	55	17000~18000	600~800	0.02~0.04	1	溝銑(Slotting)
UNBX1008	15mm	55	17000~18000	700~900	0.05~0.07	0.1~0.15	3D銑(3D milling)
UNBX1008	15mm	55	17000~18000	1200~1400	0.02~0.04	0.04~0.08	3D銑(3D milling)
UNBX1010	17mm	55	17000~18000	500~700	0.02~0.04	1	溝銑(Slotting)
UNBX1010	17mm	55	17000~18000	700~900	0.05~0.07	0.1~0.15	3D銑(3D milling)
UNBX1010	17mm	55	17000~18000	1000~1200	0.02~0.04	0.04~0.08	3D銑(3D milling)
UNBX1012	19mm	55	17000~18000	400~600	0.02~0.04	1	溝銑(Slotting)
UNBX1012	19mm	55	17000~18000	500~700	0.05~0.07	0.1~0.15	3D銑(3D milling)
UNBX1012	19mm	55	17000~18000	800~1000	0.02~0.04	0.04~0.08	3D銑(3D milling)
UNBX1208	15mm	65	17000~18000	600~800	0.02~0.04	1,2	溝銑(Slotting)
UNBX1208	15mm	65	17000~18000	700~900	0.05~0.07	0.1~0.15	3D銑(3D milling)
UNBX1208	15mm	65	17000~18000	1200~1400	0.02~0.04	0.04~0.09	3D銑(3D milling)
UNBX1212	19mm	65	17000~18000	500~700	0.02~0.04	1,2	溝銑(Slotting)
UNBX1212	19mm	65	17000~18000	700~900	0.05~0.07	0.1~0.15	3D銑(3D milling)
UNBX1212	19mm	65	17000~18000	1000~1200	0.02~0.04	0.04~0.09	3D銑(3D milling)
UNBX1506	13mm	70	16000~17000	1100~1300	0.08~0.1	1,5	溝銑(Slotting)
UNBX1506	13mm	70	16000~17000	1300~1700	0.01~0.04	1,5	溝銑(Slotting)
UNBX1506	13mm	70	16000~17000	1500~1700	0.12~0.14	0.24~0.28	3D銑(3D milling)
UNBX1506	13mm	70	16000~17000	2100~2600	0.02~0.045	0.04~0.09	3D銑(3D milling)
UNBX1508	14mm	70	16000~17000	1100~1300	0.08~0.1	1,5	溝銑(Slotting)
UNBX1508	14mm	70	16000~17000	1300~1700	0.01~0.04	1,5	溝銑(Slotting)
UNBX1508	14mm	70	16000~17000	1500~1700	0.12~0.14	0.24~0.28	3D銑(3D milling)
UNBX1508	14mm	70	16000~17000	2100~2600	0.02~0.045	0.04~0.09	3D銑(3D milling)
UNBX1510	16mm	70	16000~17000	900~1100	0.08~0.1	1,5	溝銑(Slotting)
UNBX1510	16mm	70	16000~17000	1200~1600	0.01~0.04	1,5	溝銑(Slotting)
UNBX1510	16mm	70	16000~17000	1400~1600	0.1~0.12	0.2~0.24	3D銑(3D milling)
UNBX1510	16mm	70	16000~17000	2000~2400	0.02~0.04	0.04~0.08	3D銑(3D milling)
UNBX1512	18mm	70	16000~17000	700~900	0.06~0.08	1,5	溝銑(Slotting)
UNBX1512	18mm	70	16000~17000	1000~1400	0.01~0.04	1,5	溝銑(Slotting)
UNBX1512	18mm	70	16000~17000	1300~1500	0.1~0.12	0.2~0.24	3D銑(3D milling)
UNBX1512	18mm	70	16000~17000	1800~2200	0.02~0.04	0.04~0.08	3D銑(3D milling)
UNBX1516	22mm	70	16000~17000	600~800	0.04~0.06	1,5	溝銑(Slotting)
UNBX1516	22mm	70	16000~17000	900~1100	0.01~0.03	1,5	溝銑(Slotting)
UNBX1516	22mm	70	16000~17000	1100~1300	0.08~0.1	0.16~0.2	3D銑(3D milling)
UNBX1516	22mm	70	16000~17000	1700~2100	0.015~0.04	0.03~0.08	3D銑(3D milling)
UNBX1520	26mm	70	16000~17000	300~500	0.04~0.06	1,5	溝銑(Slotting)
UNBX1520	26mm	70	16000~17000	600~1000	0.01~0.03	1,5	溝銑(Slotting)
UNBX1520	26mm	70	16000~17000	900~1100	0.06~0.08	0.12~0.16	3D銑(3D milling)
UNBX1520	26mm	70	16000~17000	1300~1700	0.015~0.03	0.03~0.06	3D銑(3D milling)
UNBX1608	14mm	85	16000~17000	1100~1300	0.08~0.1	1,6	溝銑(Slotting)
UNBX1608	14mm	85	16000~17000	1300~1700	0.01~0.04	1,6	溝銑(Slotting)
UNBX1608	14mm	85	16000~17000	1500~1700	0.12~0.14	0.24~0.28	3D銑(3D milling)
UNBX1608	14mm	85	16000~17000	2100~2600	0.02~0.045	0.04~0.09	3D銑(3D milling)
UNBX1612	16mm	85	16000~17000	700~900	0.06~0.08	1,6	溝銑(Slotting)
UNBX1612	16mm	85	16000~17000	1000~1400	0.01~0.04	1,6	溝銑(Slotting)
UNBX1612	16mm	85	16000~17000	1300~1500	0.1~0.12	0.2~0.24	3D銑(3D milling)
UNBX1612	16mm	85	16000~17000	1800~2200	0.02~0.04	0.04~0.08	3D銑(3D milling)
UNBX1616	20mm	85	16000~17000	600~800	0.04~0.06	1,6	溝銑(Slotting)
UNBX1616	20mm	85	16000~17000	900~1100	0.01~0.03	1,6	溝銑(Slotting)
UNBX1616	20mm	85	16000~17000	1100~1300	0.08~0.1	0.16~0.2	3D銑(3D milling)
UNBX1616	20mm	85	16000~17000	1700~2100	0.015~0.04	0.03~0.08	3D銑(3D milling)
UNBX2008	14mm	100	15000~16000	1900~2100	0.12~0.14	2	溝銑(Slotting)
UNBX2008	14mm	100	15000~16000	2400~2800	0.02~0.07	2	溝銑(Slotting)
UNBX2008	14mm	100	15000~16000	2000~2400	0.16~0.18	0.32~0.36	3D銑(3D milling)
UNBX2008	14mm	100	15000~16000	3000~3400	0.02~0.05	0.04~0.1	3D銑(3D milling)
UNBX2010	16mm	100	15000~16000	1800~2000	0.12~0.14	2	溝銑(Slotting)
UNBX2010	16mm	100	15000~16000	2300~2700	0.02~0.07	2	溝銑(Slotting)
UNBX2010	16mm	100	15000~16000	1900~2300	0.16~0.18	0.32~0.36	3D銑(3D milling)
UNBX2010	16mm	100	15000~16000	3000~3400	0.02~0.05	0.04~0.1	3D銑(3D milling)
UNBX2012	18mm	100	15000~16000	1700~1900	0.1~0.12	2	溝銑(Slotting)
UNBX2012	18mm	100	15000~16000	2100~2500	0.015~0.05	2	溝銑(Slotting)
UNBX2012	18mm	100	15000~16000	1900~2300	0.14~0.16	0.28~0.32	3D銑(3D milling)
UNBX2012	18mm	100	15000~16000	2600~3000	0.015~0.05	0.03~0.1	3D銑(3D milling)
UNBX2016	22mm	100	15000~16000	1400~1600	0.1~0.12	2	溝銑(Slotting)
UNBX2016	22mm	100	15000~16000	1800~2200	0.015~0.05	2	溝銑(Slotting)
UNBX2016	22mm	100	15000~16000	1700~1900	0.12~0.14	0.24~0.28	3D銑(3D milling)
UNBX2016	22mm	100	15000~16000	2200~2600	0.015~0.05	0.03~0.1	3D銑(3D milling)
UNBX2020	26mm	100	15000~16000	1300~1500	0.08~0.1	2	溝銑(Slotting)
UNBX2020	26mm	100	15000~16000	1700~2100	0.015~0.05	2	溝銑(Slotting)
UNBX2020	26mm	100	15000~16000	1400~1600	0.1~0.12	0.2~0.24	3D銑(3D milling)
UNBX2020	26mm	100	15000~16000	2000~2400	0.015~0.05	0.03~0.1	3D銑(3D milling)
UNBX3008	16mm	140	14000~15000	2000~2300	0.16~0.18	3	溝銑(Slotting)
UNBX3008	16mm	140	14000~15000	2400~2800	0.03~0.1	3	溝銑(Slotting)
UNBX3008	16mm	140	14000~15000	2800~3200	0.2~0.22	0.4~0.44	3D銑(3D milling)
UNBX3008	16mm	140	14000~15000	3200~3600	0.03~0.1	0.06~0.2	3D銑(3D milling)
UNBX3010	18mm	140	14000~15000	2000~2300	0.16~0.18	3	溝銑(Slotting)
UNBX3010	18mm	140	14000~15000	2400~2800	0.03~0.1	3	溝銑(Slotting)
UNBX3010	18mm	140	14000~15000	2800~3000	0.2~0.22	0.4~0.44	3D銑(3D milling)
UNBX3010	18mm	140	14000~15000	3200~3600	0.03~0.1	0.06~0.2	3D銑(3D milling)
UNBX3012	20mm	140	14000~15000	1800~2100	0.14~0.16	3	溝銑(Slotting)
UNBX3012	20mm	140	14000~15000	2200~2600	0.03~0.08	3	溝銑(Slotting)
UNBX3012	20mm	140	14000~15000	2600~2800	0.18~0.2	0.36~0.4	3D銑(3D milling)
UNBX3012	20mm	140	14000~15000	3000~3400	0.03~0.08	0.06~0.16	3D銑(3D milling)
UNBX3016	24mm	140	14000~15000	1700~1900	0.13~0.15	3	溝銑(Slotting)
UNBX3016	24mm	140	14000~15000	1900~2300	0.03~0.08	3	溝銑(Slotting)
UNBX3016	24mm	140	14000~15000	2000~2200	0.16~0.18	0.32~0.36	3D銑(3D milling)
UNBX3016	24mm	140	14000~15000	2600~3000	0.03~0.08	0.06~0.16	3D銑(3D milling)
UNBX3020	28mm	140	14000~15000	1500~1700	0.1~0.12	3	溝銑(Slotting)
UNBX3020	28mm	140	14000~15000	1800~2100	0.02~0.06	3	溝銑(Slotting)
UNBX3020	28mm	140	14000~15000	1800~2100	0.14~0.16	0.28~0.32	3D銑(3D milling)
UNBX3020	28mm	140	14000~15000	2300~2700	0.02~0.06	0.04~0.12	3D銑(3D milling)
UNBX3025	33mm	140	14000~15000	1100~1300	0.08~0.1	3	溝銑(Slotting)
UNBX3025	33mm	140	14000~15000	1500~1900	0.015~0.04	3	溝銑(Slotting)
UNBX3025	33mm	140	14000~15000	1500~1800	0.1~0.12	0.2~0.24	3D銑(3D milling)
UNBX3025	33mm	140	14000~15000	2000~2400	0.015~0.04	0.03~0.08	3D銑(3D milling)
UNBX4010	20mm	160	12000~13000	2000~2400	0.24~0.26	4	溝銑(Slotting)
UNBX4010	20mm	160	12000~13000	3000~3400	0.04~0.1	4	溝銑(Slotting)
UNBX4010	20mm	160	12000~13000	2100~2600	0.26~0.28	0.52~0.56	3D銑(3D milling)
UNBX4010	20mm	160	12000~13000	3200~3400	0.04~0.12	0.08~0.24	3D銑(3D milling)
UNBX4015	25mm	160	12000~13000	2000~2400	0.22~0.24	4	溝銑(Slotting)
UNBX4015	25mm	160	12000~13000	3000~3400	0.03~0.08	4	溝銑(Slotting)
UNBX4015	25mm	160	12000~13000	2100~2600	0.24~0.26	0.48~0.52	3D銑(3D milling)
UNBX4015	25mm	160	12000~13000	3200~3400	0.04~0.1	0.08~0.2	3D銑(3D milling)
UNBX4020	30mm	160	12000~13000	1800~2200	0.21~0.23	4	溝銑(Slotting)
UNBX4020	30mm	160	12000~13000	2800~3200	0.03~0.08	4	溝銑(Slotting)
UNBX4020	30mm	160	12000~13000	2100~2300	0.23~0.25	0.46~0.5	3D銑(3D milling)
UNBX4020	30mm	160	12000~13000	3200~3500	0.04~0.1	0.08~0.2	3D銑(3D milling)
UNBX4025	35mm	160	12000~13000	1600~2000	0.19~0.21	4	溝銑(Slotting)
UNBX4025	35mm	160	12000~13000	2400~2600	0.04~0.08	4	溝銑(Slotting)
UNBX4025	35mm	160	12000~13000	1900~2100	0.21~0.23	0.42~0.46	3D銑(3D milling)
UNBX4025	35mm	160	12000~13000	2600~3000	0.04~0.1	0.08~0.2	3D銑(3D milling)
UNBX4030	40mm	160	12000~13000	1500~1700	0.16~0.18	4	溝銑(Slotting)
UNBX4030	40mm	160	12000~13000	1800~2200	0.03~0.07	4	溝銑(Slotting)
UNBX4030	40mm	160	12000~13000	1600~1800	0.18~0.2	0.36~0.4	3D銑(3D milling)
UNBX4030	40mm	160	12000~13000	2200~2500	0.04~0.07	0.08~0.14	3D銑(3D milling)

附註 / Note：

以上冷卻方式皆為油霧。

Suggest to use MQL coolant.

DHF

被切削材 Work Material	熱處理鋼 Hardened Steels: SKD61,STAVAX,1.2083 ,17-4PH (HRc52)						
型號 Type NO.	刀具伸長量 Extension Length	切削速度 Cutting Speed (m/min)	迴轉速度 Speed (mim^1)	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
UNBX0201	12mm	15	18000~20000	150~300	0.005~0.008	0,2	溝銑(Slotting)
UNBX0201	12mm	15	18000~20000	150~300	0.005~0.008	0.01~0.016	3D銑(3D milling)
UNBX0202	13mm	15	18000~20000	150~300	0.005~0.008	0,2	溝銑(Slotting)
UNBX0202	13mm	15	18000~20000	150~300	0.005~0.008	0.01~0.016	3D銑(3D milling)
UNBX0301	13mm	20	18000~20000	150~300	0.005~0.008	0,3	溝銑(Slotting)
UNBX0301	13mm	20	18000~20000	150~300	0.005~0.01	0.01~0.02	3D銑(3D milling)
UNBX0302	14mm	20	18000~20000	150~300	0.005~0.008	0,3	溝銑(Slotting)
UNBX0302	14mm	20	18000~20000	150~300	0.005~0.01	0.01~0.02	3D銑(3D milling)
UNBX0303	15mm	20	18000~20000	150~300	0.005~0.008	0,3	溝銑(Slotting)
UNBX0303	15mm	20	18000~20000	150~300	0.005~0.01	0.01~0.02	3D銑(3D milling)
UNBX0402	14mm	25	18000~20000	150~300	0.005~0.01	0,4	溝銑(Slotting)
UNBX0402	14mm	25	18000~20000	200~400	0.005~0.013	0.01~0.026	3D銑(3D milling)
UNBX0403	15mm	25	18000~20000	150~300	0.005~0.01	0,4	溝銑(Slotting)
UNBX0403	15mm	25	18000~20000	200~400	0.005~0.013	0.01~0.026	3D銑(3D milling)
UNBX0404	16mm	25	18000~20000	150~300	0.005~0.01	0,4	溝銑(Slotting)
UNBX0404	16mm	25	18000~20000	200~400	0.005~0.013	0.01~0.026	3D銑(3D milling)
UNBX0502	15mm	35	18000~20000	200~400	0.005~0.013	0,5	溝銑(Slotting)
UNBX0502	15mm	35	18000~20000	200~400	0.008~0.015	0.016~0.03	3D銑(3D milling)
UNBX0504	17mm	35	18000~20000	200~400	0.005~0.013	0,5	溝銑(Slotting)
UNBX0504	17mm	35	18000~20000	200~400	0.008~0.015	0.016~0.03	3D銑(3D milling)
UNBX0506	19mm	35	18000~20000	150~300	0.005~0.013	0,5	溝銑(Slotting)
UNBX0506	19mm	35	18000~20000	200~400	0.005~0.013	0.01~0.026	3D銑(3D milling)
UNBX0602	16mm	40	18000~20000	200~400	0.005~0.013	0,6	溝銑(Slotting)
UNBX0602	16mm	40	18000~20000	200~400	0.008~0.015	0.016~0.03	3D銑(3D milling)
UNBX0604	18mm	40	18000~20000	200~400	0.005~0.013	0,6	溝銑(Slotting)
UNBX0604	18mm	40	18000~20000	200~400	0.008~0.015	0.016~0.03	3D銑(3D milling)
UNBX0606	20mm	40	18000~20000	150~300	0.005~0.013	0,6	溝銑(Slotting)
UNBX0606	20mm	40	18000~20000	200~400	0.005~0.013	0.01~0.026	3D銑(3D milling)
UMBX0804	15mm	45	16000~18000	300~500	0.01~0.02	0,8	溝銑(Slotting)
UMBX0804	15mm	45	16000~18000	300~500	0.015~0.025	0.03~0.05	3D銑(3D milling)
UMBX0804	15mm	45	16000~18000	500~700	0.008~0.015	0.016~0.03	3D銑(3D milling)
UNBX0806	17mm	45	16000~18000	300~500	0.01~0.02	0,8	溝銑(Slotting)
UNBX0806	17mm	45	16000~18000	300~500	0.015~0.025	0.03~0.05	3D銑(3D milling)
UNBX0806	17mm	45	16000~18000	500~700	0.005~0.015	0.01~0.03	3D銑(3D milling)
UNBX0808	19mm	45	16000~18000	200~400	0.01~0.02	0,8	溝銑(Slotting)
UNBX0808	19mm	45	16000~18000	200~400	0.015~0.025	0.03~0.05	3D銑(3D milling)
UNBX0808	19mm	45	16000~18000	400~600	0.005~0.015	0.01~0.03	3D銑(3D milling)
UNBX1004	11mm	50	15000~16000	400~600	0.015~0.035	1	溝銑(Slotting)
UNBX1004	11mm	50	15000~16000	400~600	0.03~0.05	0.06~0.1	3D銑(3D milling)
UNBX1004	11mm	50	15000~16000	600~800	0.01~0.03	0.02~0.06	3D銑(3D milling)
UNBX1006	13mm	50	15000~16000	400~600	0.015~0.035	1	溝銑(Slotting)
UNBX1006	13mm	50	15000~16000	400~600	0.03~0.05	0.06~0.1	3D銑(3D milling)
UNBX1006	13mm	50	15000~16000	600~800	0.01~0.03	0.02~0.06	3D銑(3D milling)
UNBX1008	15mm	50	15000~16000	300~500	0.01~0.03	1	溝銑(Slotting)
UNBX1008	15mm	50	15000~16000	300~500	0.03~0.05	0.06~0.1	3D銑(3D milling)
UNBX1008	15mm	50	15000~16000	600~800	0.01~0.02	0.02~0.04	3D銑(3D milling)
UNBX1010	17mm	50	15000~16000	300~500	0.01~0.03	1	溝銑(Slotting)
UNBX1010	17mm	50	15000~16000	300~500	0.03~0.05	0.06~0.1	3D銑(3D milling)
UNBX1010	17mm	50	15000~16000	600~800	0.01~0.02	0.02~0.04	3D銑(3D milling)
UNBX1012	19mm	50	15000~16000	300~500	0.01~0.03	1	溝銑(Slotting)
UNBX1012	19mm	50	15000~16000	300~500	0.03~0.05	0.06~0.1	3D銑(3D milling)
UNBX1012	19mm	50	15000~16000	600~800	0.01~0.02	0.02~0.04	3D銑(3D milling)
UNBX1208	15mm	60	15000~16000	400~600	0.02~0.04	1,2	溝銑(Slotting)
UNBX1208	15mm	60	15000~16000	400~600	0.04~0.06	0.08~0.12	3D銑(3D milling)
UNBX1208	15mm	60	15000~16000	800~100	0.01~0.025	0.02~0.05	3D銑(3D milling)
UNBX1212	19mm	60	15000~16000	400~600	0.02~0.04	1,2	溝銑(Slotting)
UNBX1212	19mm	60	15000~16000	400~600	0.04~0.06	0.08~0.12	3D銑(3D milling)
UNBX1212	19mm	60	15000~16000	800~100	0.01~0.025	0.02~0.05	3D銑(3D milling)
UNBX1506	13mm	70	14000~15000	400~600	0.04~0.06	1,5	溝銑(Slotting)
UNBX1506	13mm	70	14000~15000	700~900	0.01~0.03	1,5	溝銑(Slotting)
UNBX1506	13mm	70	14000~15000	400~600	0.05~0.07	0.1~0.14	3D銑(3D milling)
UNBX1506	13mm	70	14000~15000	800~1000	0.015~0.035	0.03~0.07	3D銑(3D milling)
UNBX1508	14mm	70	14000~15000	400~600	0.04~0.06	1,5	溝銑(Slotting)
UNBX1508	14mm	70	14000~15000	700~900	0.01~0.03	1,5	溝銑(Slotting)
UNBX1508	14mm	70	14000~15000	400~600	0.05~0.07	0.1~0.14	3D銑(3D milling)
UNBX1508	14mm	70	14000~15000	800~1000	0.015~0.035	0.03~0.07	3D銑(3D milling)
UNBX1510	16mm	70	14000~15000	400~600	0.03~0.05	1,5	溝銑(Slotting)
UNBX1510	16mm	70	14000~15000	600~800	0.01~0.03	1,5	溝銑(Slotting)
UNBX1510	16mm	70	14000~15000	400~600	0.04~0.06	0.08~0.12	3D銑(3D milling)
UNBX1510	16mm	70	14000~15000	700~900	0.015~0.035	0.03~0.07	3D銑(3D milling)
UNBX1512	18mm	70	14000~15000	300~500	0.03~0.05	1,5	溝銑(Slotting)
UNBX1512	18mm	70	14000~15000	500~700	0.01~0.03	1,5	溝銑(Slotting)
UNBX1512	18mm	70	14000~15000	400~600	0.04~0.06	0.08~0.12	3D銑(3D milling)
UNBX1512	18mm	70	14000~15000	600~800	0.015~0.035	0.03~0.07	3D銑(3D milling)
UNBX1516	22mm	70	14000~15000	300~500	0.02~0.04	1,5	溝銑(Slotting)
UNBX1516	22mm	70	14000~15000	500~600	0.008~0.02	1,5	溝銑(Slotting)
UNBX1516	22mm	70	14000~15000	300~500	0.03~0.05	0.06~0.1	3D銑(3D milling)
UNBX1516	22mm	70	14000~15000	600~800	0.01~0.025	0.02~0.05	3D銑(3D milling)
UNBX1520	26mm	70	14000~15000	200~400	0.02~0.04	1,5	溝銑(Slotting)
UNBX1520	26mm	70	14000~15000	400~600	0.008~0.02	1,5	溝銑(Slotting)
UNBX1520	26mm	70	14000~15000	200~400	0.02~0.04	0.04~0.08	3D銑(3D milling)
UNBX1520	26mm	70	14000~15000	400~600	0.008~0.02	0.016~0.04	3D銑(3D milling)
UNBX1608	14mm	75	14000~15000	500~700	0.04~0.06	1,6	溝銑(Slotting)
UNBX1608	14mm	75	14000~15000	800~1000	0.01~0.03	1,6	溝銑(Slotting)
UNBX1608	14mm	75	14000~15000	500~700	0.05~0.07	0.1~0.14	3D銑(3D milling)
UNBX1608	14mm	75	14000~15000	800~1000	0.015~0.035	0.03~0.07	3D