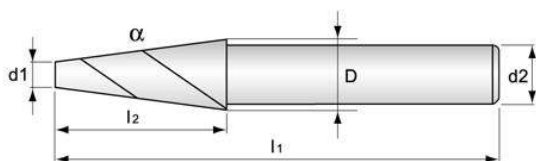


High Speed Cutting  
& High Hard Cutting

Micro Diameter

Type No. 型號	Diameter 先徑端 d1	Flute Length 刃長 l2	Taper Angle 斜度 α	Large Mill Dia. 粗端徑 D	O. A. L. 全長 l1	Shank Dia. 柄徑 d2
TPM1ø0.5°	1.0	4	0.5°	1.07	50	4
TPM1ø1°	1.0	4	1°	1.14	50	4
TPM1ø1.5°	1.0	4	1.5°	1.21	50	4
TPM1ø2°	1.0	4	2°	1.28	50	4
TPM1ø2.5°	1.0	4	2.5°	1.35	50	4
TPM1ø3°	1.0	4	3°	1.42	50	4
TPM1ø5°	1.0	5	5°	1.7	50	4
TPM1ø7°	1.0	5	7°	1.98	50	4
TPM1ø10°	1.0	5	10°	2.41	50	4
TPM1.5ø0.5°	1.5	5	0.5°	1.59	50	4
TPM1.5ø1°	1.5	5	1°	1.67	50	4
TPM1.5ø1.5°	1.5	5	1.5°	1.76	50	4
TPM1.5ø2°	1.5	5	2°	1.85	50	4
TPM1.5ø2.5°	1.5	5	2.5°	1.93	50	4
TPM1.5ø3°	1.5	5	3°	2.02	50	4
TPM1.5ø5°	1.5	5	5°	2.37	50	4
TPM1.5ø7°	1.5	5	7°	2.73	50	4
TPM1.5ø10°	1.5	5	10°	3.26	50	4
TPM2ø0.5°	2.0	6	0.5°	2.10	50	4
TPM2ø1°	2.0	6	1°	2.21	50	4
TPM2ø1.5°	2.0	6	1.5°	2.31	50	4
TPM2ø2°	2.0	6	2°	2.41	50	4
TPM2ø2.5°	2.0	6	2.5°	2.52	50	4
TPM2ø3°	2.0	6	3°	2.62	50	4
TPM2ø5°	2.0	6	5°	3.05	50	4
TPM2ø7°	2.0	6	7°	3.47	50	4
TPM2ø10°	2.0	6	10°	4.12	50	4
TPM2.5ø0.5°	2.5	8	0.5°	2.64	50	4
TPM2.5ø1°	2.5	8	1°	2.78	50	4
TPM2.5ø1.5°	2.5	8	1.5°	2.91	50	4
TPM2.5ø2°	2.5	8	2°	3.05	50	4
TPM2.5ø2.5°	2.5	8	2.5°	3.20	50	4
TPM2.5ø3°	2.5	8	3°	3.33	50	4
TPM2.5ø5°	2.5	8	5°	3.90	50	4
TPM2.5ø7°	2.5	8	7°	4.46	50	4
TPM2.5ø10°	2.5	8	10°	5.32	50	4
TPM3ø0.5°	3.0	10	0.5°	3.17	50	4
TPFAM3ø1°	3.0	10	1°	3.35	50	4
TPM3ø1.5°	3.0	10	1.5°	3.52	50	4
TPFAM3ø2°	3.0	10	2°	3.69	50	4
TPM3ø2.5°	3.0	10	2.5°	3.87	50	4
TPM3ø3°	3.0	10	3°	4.05	50	6
TPM3ø5°	3.0	10	5°	4.75	50	6
TPM3ø7°	3.0	10	7°	5.45	50	6
TPM3ø10°	3.0	10	10°	6.53	60	8



Micro Diameter

Type No. 型號	Diameter 先徑端 d1	Flute Length 刃長 l2	Taper Angle 斜度 α	Large Mill Dia. 粗端徑 D	O. A. L. 全長 l1	Shank Dia. 柄徑 d2
TPM4ø0.5°	4.0	15	0.5°	4.26	50	6
TPM4ø1°	4.0	15	1°	4.52	50	6
TPM4ø1.5°	4.0	15	1.5°	4.79	50	6
TPM4ø2°	4.0	15	2°	5.04	50	6
TPM4ø2.5°	4.0	15	2.5°	5.31	50	6
TPM4ø3°	4.0	15	3°	5.57	50	6
TPM4ø5°	4.0	15	5°	6.62	60	8
TPM4ø7°	4.0	15	7°	7.68	60	8
TPM4ø10°	4.0	15	10°	9.30	75	10
TPM5ø0.5°	5.0	20	0.5°	5.34	50	6
TPM5ø1°	5.0	20	1°	5.70	50	6
TPM5ø1.5°	5.0	20	1.5°	6.04	60	8
TPM5ø2°	5.0	20	2°	6.39	60	8
TPM5ø2.5°	5.0	20	2.5°	6.74	60	8
TPM5ø3°	5.0	20	3°	7.10	60	8
TPM5ø5°	5.0	20	5°	8.50	75	10
TPM5ø7°	5.0	20	7°	9.91	75	10
TPM5ø10°	5.0	20	10°	12.05	75	12
TPM6ø0.5°	6.0	20	0.5°	6.35	60	8
TPM6ø1°	6.0	20	1°	6.70	60	8
TPM6ø1.5°	6.0	20	1.5°	7.05	60	8
TPM6ø2°	6.0	20	2°	7.40	60	8
TPM6ø2.5°	6.0	20	2.5°	7.75	60	8
TPM6ø3°	6.0	20	3°	8.10	75	10
TPM6ø5°	6.0	20	5°	9.50	75	10
TPM6ø7°	6.0	20	7°	10.91	75	12
TPM6ø10°	6.0	20	10°	13.05	75	12
TPM8ø0.5°	8.0	25	0.5°	8.44	75	10
TPM8ø1°	8.0	25	1°	8.87	75	10
TPM8ø1.5°	8.0	25	1.5°	9.31	75	10
TPM8ø2°	8.0	25	2°	9.74	75	10
TPM8ø2.5°	8.0	25	2.5°	10.18	75	12
TPM8ø3°	8.0	25	3°	10.62	75	12
TPM8ø5°	8.0	25	5°	12.37	100	16
TPM8ø7°	8.0	25	7°	14.14	100	16
TPM8ø10°	8.0	25	10°	16.82	100	16
TPM10ø0.5°	10.0	35	0.5°	10.61	100	16
TPM10ø1°	10.0	35	1°	11.22	100	16
TPM10ø1.5°	10.0	35	1.5°	11.83	100	16
TPM10ø2°	10.0	35	2°	12.44	100	16
TPM10ø2.5°	10.0	35	2.5°	13.06	100	16
TPM10ø3°	10.0	35	3°	13.67	100	16
TPM10ø5°	10.0	35	5°	16.12	100	16
TPM10ø7°	10.0	35	7°	18.30	100	16
TPM10ø10°	10.0	35	10°	22.34	100	16



High Speed Cutting  
& High Hard Cutting

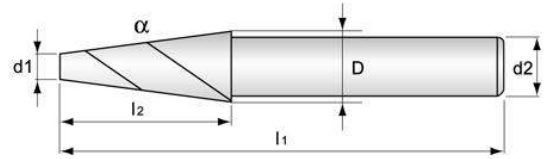




極細微粒碳化鎢 斜度刀 4刃立銑刀  
Micro Grain Carbide, Taper, 4-flute, End Mills



High Speed Cutting  
& High Hard Cutting



Micro Diameter

Type No. 型號	Diameter 先徑端 d1	Flute Length 刃長 l2	Taper Angle 斜度 α	Large Mill Dia. 粗端徑 D	O. A. L. 全長 l1	Shank Dia. 柄徑 d2
4TPM3ø0.5°	3.0	10	0.5°	3.17	50	4
4TPM3ø1°	3.0	10	1°	3.35	50	4
4TPM3ø1.5°	3.0	10	1.5°	3.52	50	4
4TPM3ø2°	3.0	10	2°	3.07	50	4
4TPM3ø3°	3.0	10	3°	4.05	50	6
4TPM3ø5°	3.0	10	5°	4.75	50	6
4TPM4ø0.5°	4.0	15	0.5°	4.26	50	6
4TPM4ø1°	4.0	15	1°	4.52	50	6
4TPM4ø1.5°	4.0	15	1.5°	4.79	50	6
4TPM4ø2°	4.0	15	2°	5.05	50	6
4TPM4ø3°	4.0	15	3°	5.57	50	6
4TPM4ø5°	4.0	15	5°	6.62	60	8
4TPM5ø0.5°	5.0	20	0.5°	5.35	50	6
4TPM5ø1°	5.0	20	1°	5.70	50	6
4TPM5ø1.5°	5.0	20	1.5°	6.05	60	8
4TPM5ø2°	5.0	20	2°	6.40	60	8
4TPM5ø3°	5.0	20	3°	7.10	60	8
4TPM5ø5°	5.0	20	5°	8.50	75	10
4TPM6ø0.5°	6.0	20	0.5°	6.35	75	8
4TPM6ø1°	6.0	20	1°	6.70	75	8
4TPM6ø1.5°	6.0	20	1.5°	7.05	75	8
4TPM6ø2°	6.0	20	2°	7.40	75	8
4TPM6ø3°	6.0	20	3°	8.10	75	10
4TPM6ø5°	6.0	20	5°	9.50	75	10
4TPM8ø0.5°	8.0	25	0.5°	8.44	75	10
4TPM8ø1°	8.0	25	1°	8.87	75	10
4TPM8ø1.5°	8.0	25	1.5°	9.31	75	10
4TPM8ø2°	8.0	25	2°	9.75	75	10
4TPM8ø3°	8.0	25	3°	10.62	75	12
4TPM8ø5°	8.0	25	5°	12.37	100	16
4TPM10ø0.5°	10.0	35	0.5°	10.61	100	16
4TPM10ø1°	10.0	35	1°	11.22	100	16
4TPM10ø1.5°	10.0	35	1.5°	11.83	100	16
4TPM10ø2°	10.0	35	2°	12.44	100	16
4TPM10ø3°	10.0	35	3°	13.67	100	16
4TPM10ø5°	10.0	35	5°	16.00	100	16