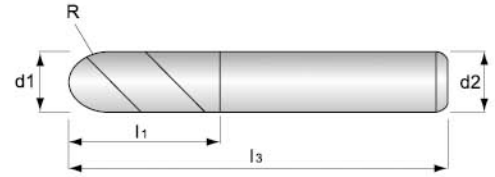




High Speed Cutting  
& High Hard Cutting



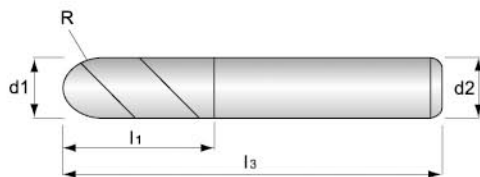
### Micro Diameter

Type No. 型號	Diameter 刃徑 d1	Flute Length 刃長 l <sub>1</sub>	O. A. L. 全長 l <sub>3</sub>	Shank Dia. 柄徑 d2
MR2AL010	R 0.5	2	50	4
MR2AL015	R 0.75	3	50	4
MR2AL020	R 1.0	4	50	4
MR2AL025	R 1.25	5	50	4
MR2AL030	R 1.5	6	50	4
MR2AL035	R 1.75	7	50	4
MR2AL040	R 2.0	8	50	4
MR2AL045-6	R 2.25	9	50	6
MR2AL050-6	R 2.5	10	50	6
MR2AL055-6	R 2.75	11	50	6
MR2AL060-6	R 3.0	12	50	6
MR2AL065	R 3.25	12	60	8
MR2AL070	R 3.5	12	60	8
MR2AL075	R 3.75	14	60	8
MR2AL080	R 4.0	16	60	8
MR2AL090	R 4.5	18	75	10
MR2AL100	R 5.0	20	75	10
MR2AL120	R 6.0	24	75	12
MR2AL160	R 8.0	32	100	16
MR2AL200	R 10.0	40	100	20

Type No. 型號	Diameter 刃徑 d1	Flute Length 刃長 l <sub>1</sub>	O. A. L. 全長 l <sub>3</sub>	Shank Dia. 柄徑 d2
MR2AL010-3	R 0.5	2	50	4
MR2AL015-3	R 0.75	3	50	4
MR2AL020-3	R 1.0	4	50	4
MR2AL025-3	R 1.25	5	50	4
MR2AL030-3	R 1.5	6	50	4
MR60AL010	R 0.5	2	50	4
MR60AL015	R 0.75	3	50	4
MR60AL020	R 1.0	4	50	4
MR60AL030	R 1.5	6	50	4
MR60AL040	R 2.0	8	50	4

d1 (mm)	d1(mm) tolerance
R1	±0.01
R1.5	±0.01
R2	±0.01
R2.5	±0.01
R3	±0.01
R4	±0.01
R5	±0.01
R6	±0.015
R8	±0.02
R10	±0.02

Shank(mm) (h6)	d2(mm) tolerance
Ø 6	<sup>0</sup> <sub>-0.008</sub>
Ø 8	<sup>0</sup> <sub>-0.008</sub>
Ø 10	<sup>0</sup> <sub>-0.009</sub>
Ø 12	<sup>0</sup> <sub>-0.011</sub>
Ø 16	<sup>0</sup> <sub>-0.011</sub>
Ø 20	<sup>0</sup> <sub>-0.013</sub>



Micro Diameter

Type No. 型號	Diameter 刃徑 d1	Flute Length 刃長 l1	O. A. L. 全長 l3	Shank Dia. 柄徑 d2
MR2010	R 0.5	2	50	4
MR2015	R 0.75	3	50	4
MR2020	R 1.0	4	50	4
MR2025	R 1.25	5	50	4
MR2030	R 1.5	6	50	4
MR2035	R 1.75	7	50	4
MR2040	R 2.0	8	50	4
MR2045-6	R 2.25	9	50	6
MR2050-6	R 2.5	10	50	6
MR2055-6	R 2.75	11	50	6
MR2060-6	R 3.0	12	50	6
MR2065	R 3.25	12	60	8
MR2070	R 3.5	12	60	8
MR2075	R 3.75	14	60	8
MR2080	R 4.0	16	60	8
MR2090	R 4.5	18	75	10
MR2100	R 5.0	20	75	10
MR2120	R 6.0	24	75	12
MR2160	R 8.0	32	100	16
MR2200	R 10.0	40	100	20

Type No. 型號	Diameter 刃徑 d1	Flute Length 刃長 l1	O. A. L. 全長 l3	Shank Dia. 柄徑 d2
MR010-3	R 0.5	2	50	4
MR015-3	R 0.75	3	50	4
MR020-3	R 1.0	4	50	4
MR025-3	R 1.25	5	50	4
MR030-3	R 1.5	6	50	4
MR60010	R 0.5	2	50	4
MR60015	R 0.75	3	50	4
MR60020	R 1.0	4	50	4
MR60030	R 1.5	6	50	4
MR60040	R 2.0	8	50	4



High Speed Cutting  
& High Hard Cutting

d1 (mm)	d1(mm) tolerance
R1	±0.01
R1.5	±0.01
R2	±0.01
R2.5	±0.01
R3	±0.01
R4	±0.01
R5	±0.01
R6	±0.015
R8	±0.02
R10	±0.02

Shank(mm) (h6)	d2(mm) tolerance
Ø 6	0 -0.008
Ø 8	0 -0.008
Ø 10	0 -0.009
Ø 12	0 -0.011
Ø 16	0 -0.011
Ø 20	0 -0.013