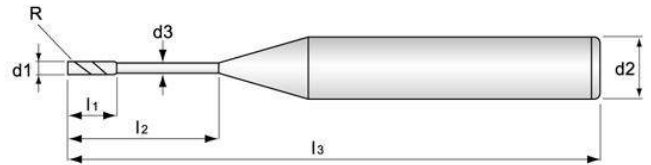




極細微粒碳化鎢 長頸圓鼻 2刃立銑刀  
Micro Grain Carbide, Long-neck, Corner-radius, 2-flute, End Mills



High Speed Cutting  
& High Hard Cutting

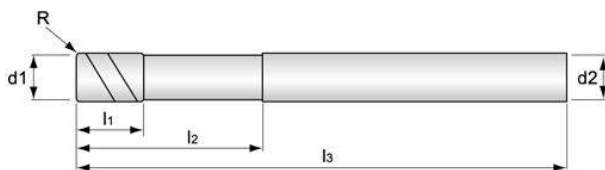


### Micro Diameter

Type No. 型號	Diameter 刃徑 d1	Neck Dia. d3	Corner R 圓角 R	Flute Length 刃長 l1	Effective Length 有效長 l2	O. A. L. 全長 l3	Shank Dia. 柄徑 d2
HRMAL1006R	1.0	0.95	0.2	1.5	6	50	4
HRMAL1008R	1.0	0.95	0.2	1.5	8	50	4
HRMAL1010R	1.0	0.95	0.2	1.5	10	50	4
HRMAL1012R	1.0	0.95	0.2	1.5	12	50	4
HRMAL1508R	1.5	1.44	0.2	2.0	8	50	4
HRMAL1510R	1.5	1.44	0.2	2.0	10	50	4
HRMAL1512R	1.5	1.44	0.2	2.0	12	50	4
HRMAL1516R	1.5	1.44	0.2	2.0	16	50	4
HRMAL2008R	2.0	1.92	0.2	3.0	8	50	4
HRMAL2010R	2.0	1.92	0.2	3.0	10	50	4
HRMAL2012R	2.0	1.92	0.2	3.0	12	50	4
HRMAL2016R	2.0	1.92	0.2	3.0	16	50	4
HRMAL2020R	2.0	1.92	0.2	3.0	20	50	4
HRMAL2510R	2.5	2.40	0.2	3.0	10	50	4
HRMAL2512R	2.5	2.40	0.2	3.0	12	50	4
HRMAL2516R	2.5	2.40	0.2	3.0	16	50	4
HRMAL2520R	2.5	2.40	0.2	3.0	20	50	4
HRMAL3010R	3.0	2.90	0.2	4.0	10	50	6
HRMAL3012R	3.0	2.90	0.2	4.0	12	50	6
HRMAL3016R	3.0	2.90	0.2	4.0	16	50	6
HRMAL3020R	3.0	2.90	0.2	4.0	20	60	6
HRMAL3025R	3.0	2.90	0.2	4.0	25	60	6

d1 (mm)	R(mm) tolerance	d1(mm) tolerance
1.0	+0.02 0	0 -0.02
1.5	+0.02 0	0 -0.02
2.0	+0.02 0	0 -0.02
2.5	+0.02 0	0 -0.02
3.0	+0.02 0	0 -0.02

Shank(mm) (h6)	d2(mm) tolerance
Ø 4	0 -0.008
Ø 6	0 -0.008



Micro Diameter

Type No. 型號	Diameter 刃徑 d1	Corner R 圓角 R	Flute Length 刃長 l1	Effective Length 有效長 l2	O. A. L. 全長 l3	Shank Dia. 柄徑 d2
SEHRAL0305	3	0.5	1.2	8	50	4
SEHRAL0405	4	0.5	1.6	11	50	4
SEHRAL0410	4	1.0	1.6	11	50	4
SEHRAL0505	5	0.5	2	13	50	6
SEHRAL0510	5	1.0	2	13	50	6
SEHRAL0605	6	0.5	2.5	15	50	6
SEHRAL0610	6	1.0	2.5	15	50	6
SEHRAL0615	6	1.5	2.5	15	50	6
SEHRAL0805	8	0.5	3.5	20	60	8
SEHRAL0810	8	1.0	3.5	20	60	8
SEHRAL0815	8	1.5	3.5	20	60	8
SEHRAL0820	8	2.0	3.5	20	60	8
SEHRAL1005	10	0.5	4	25	75	10
SEHRAL1010	10	1.0	4	25	75	10
SEHRAL1015	10	1.5	4	25	75	10
SEHRAL1020	10	2.0	4	25	75	10
SEHRAL1205	12	0.5	5	25	75	12
SEHRAL1210	12	1.0	5	25	75	12
SEHRAL1215	12	1.5	5	25	75	12
SEHRAL1220	12	2.0	5	25	75	12
SEHRAL1230	12	3.0	5	25	75	12



High Speed Cutting  
& High Hard Cutting

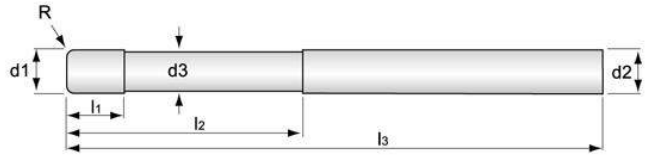
*New*

d1 (mm)	R(mm) tolerance	d1(mm) tolerance
4.0	+0.02 0	0 -0.02
6.0	+0.02 0	-0.005 -0.025
8.0	+0.02 0	-0.01 -0.025
10.0	+0.025 0	-0.01 -0.03
12.0	+0.025 0	-0.01 -0.035

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



極細微粒碳化鎢 長頸短刃圓鼻 2刃立銑刀  
Micro Grain Carbide, Long-neck, Short-flute, Corner-radius, 2-flute, End Mills



### Micro Diameter

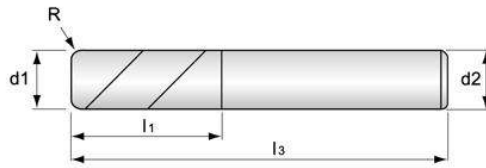
Type No. 型號	Diameter 刃徑 d1	Neck Dia. d3	Corner R 圓角 R	Flute Length 刃長 l1	Effective Length 有效長 l2	O. A. L. 全長 l3	Shank Dia. 柄徑 d2
HSERAL0402R	4.0	3.90	0.2	6	12	50	6
HSERAL0405R	4.0	3.90	0.5	6	12	50	6
HSERAL0602R	6.0	5.80	0.2	8	18	50	6
HSERAL0605R	6.0	5.80	0.5	8	18	50	6
HSERAL0610R	6.0	5.80	1.0	8	18	50	6
HSERAL0802R	8.0	7.70	0.2	10	24	60	8
HSERAL0805R	8.0	7.70	0.5	10	24	60	8
HSERAL0810R	8.0	7.70	1.0	10	24	60	8
HSERAL1003R	10.0	9.60	0.3	12	30	75	10
HSERAL1005R	10.0	9.60	0.5	12	30	75	10
HSERAL1010R	10.0	9.60	1.0	12	30	75	10
HSERAL1020R	10.0	9.60	2.0	12	30	75	10
HSERAL1210R	12.0	11.5	1.0	15	36	75	12
HSERAL1220R	12.0	11.5	2.0	15	36	75	12
HSERAL1605R	16.0	15.4	0.5	24	40	75	16
HSERAL1610R	16.0	15.4	1.0	24	40	75	16

High Speed Cutting  
& High Hard Cutting

d1 (mm)	R(mm) tolerance	d1 (mm) tolerance
4.0	+0.02 0	0 -0.02
6.0	+0.02 0	-0.005 -0.025
8.0	+0.02 0	-0.01 -0.025
10.0	+0.025 0	-0.01 -0.03
12.0	+0.025 0	-0.01 -0.035
16.0	+0.03 0	-0.01 -0.04

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

極細微粒碳化鎢 圓鼻 2刃立銑刀  
Micro Grain Carbide, Corner-radius, 2-flute, End Mills



Micro Diameter

Type No. 型號	Diameter 刃徑 d1	Corner R 圓角 R	Flute Length 刃長 l <sub>1</sub>	O. A. L. 全長 l <sub>3</sub>	Shank Dia. 柄徑 d2
2RMAL0102R	1.0	R 0.2	2.5	50	4
2RMAL01502R	1.5	R 0.2	4	50	4
2RMAL01505R	1.5	R 0.5	4	50	4
2RMAL0202R	2.0	R 0.2	5	50	4
2RMAL0205R	2.0	R 0.5	5	50	4
2RMAL02502R	2.5	R 0.2	6	50	4
2RMAL02505R	2.5	R 0.5	6	50	4
2RMAL0302R	3.0	R 0.2	8	50	4
2RMAL0303R-3	3.0	R 0.2	8	50	3
2RMAL0305R	3.0	R 0.5	8	50	4
2RMAL0305R-3	3.0	R 0.5	8	50	3
2RMAL0310R	3.0	R 1.0	8	50	4
2RMAL0402R	4.0	R 0.2	10	50	4
2RMAL0405R	4.0	R 0.5	10	50	4
2RMAL0410R	4.0	R 1.0	10	50	4
2RMAL0505R	5.0	R 0.5	12	50	6
2RMAL0510R	5.0	R 1.0	12	50	6
2RMAL0602R	6.0	R 0.2	15	50	6
2RMAL0605R	6.0	R 0.5	15	50	6
2RMAL0610R	6.0	R 1.0	15	50	6
2RMAL0615R	6.0	R 1.5	15	50	6
2RMAL0620R	6.0	R 2.0	15	50	6
2RMAL0805R	8.0	R 0.5	20	60	8
2RMAL0810R	8.0	R 1.0	20	60	8
2RMAL0815R	8.0	R 1.5	20	60	8
2RMAL0820R	8.0	R 2.0	20	60	8
2RMAL1005R	10.0	R 0.5	25	75	10
2RMAL1010R	10.0	R 1.0	25	75	10
2RMAL1015R	10.0	R 1.5	25	75	10
2RMAL1020R	10.0	R 2.0	25	75	10
2RMAL1025R	10.0	R 2.5	25	75	10
2RMAL1030R	10.0	R 3.0	25	75	10
2RMAL1205R	12.0	R 0.5	30	75	12
2RMAL1210R	12.0	R 1.0	30	75	12
2RMAL1215R	12.0	R 1.5	30	75	12
2RMAL1220R	12.0	R 2.0	30	75	12
2RMAL1225R	12.0	R 2.5	30	75	12
2RMAL1230R	12.0	R 3.0	30	75	12



High Speed Cutting  
& High Hard Cutting

d1 (mm)	R(mm) tolerance	d1(mm) tolerance
1.0	+0.02 0	0 -0.02
1.5	+0.02 0	0 -0.02
2.0	+0.02 0	0 -0.02
2.5	+0.02 0	0 -0.02
3.0	+0.02 0	0 -0.02
4.0	+0.02 0	0 -0.02
5.0	+0.02 0	0 -0.02
6.0	+0.02 0	-0.005 -0.025
8.0	+0.02 0	-0.01 -0.025
10.0	+0.02 0	-0.01 -0.03
12.0	+0.02 0	-0.01 -0.025

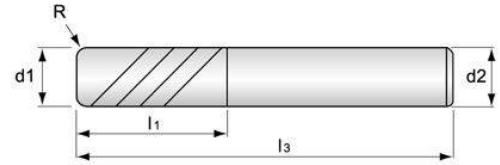
Shank(mm) (h6)	d2(mm) tolerance
Ø 4	0 -0.008
Ø 6	0 -0.008
Ø 8	0 -0.008
Ø 10	0 -0.009
Ø 12	0 -0.011



極細微粒碳化鎢 圓鼻 4刃立銑刀  
Micro Grain Carbide, Corner-radius, 4-flute, End Mills



High Speed Cutting  
& High Hard Cutting

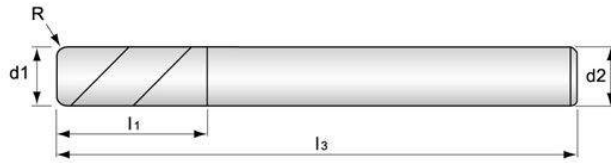


Micro Diameter

Type No. 型號	Diameter 刃徑 d1	Corner R 圓角 R	Flute Length 刃長 l1	O. A. L. 全長 l3	Shank Dia. 柄徑 d2
4RMAL0102R	1.0	R 0.2	2.5	50	4
4RMAL01502R	1.5	R 0.2	4	50	4
4RMAL01505R	1.5	R 0.5	4	50	4
4RMAL0202R	2.0	R 0.2	5	50	4
4RMAL0205R	2.0	R 0.5	5	50	4
4RMAL02502R	2.5	R 0.2	6	50	4
4RMAL02505R	2.5	R 0.5	6	50	4
4RMAL0302R	3.0	R 0.2	8	50	4
4RMAL0302R-3	3.0	R 0.2	8	50	3
4RMAL0303R-3	3.0	R 0.3	8	50	3
4RMAL0305R	3.0	R 0.5	8	50	4
4RMAL0305R-3	3.0	R 0.5	8	50	3
4RMAL0310R	3.0	R 1.0	8	50	4
4RMAL0310R-3	3.0	R 1.0	8	50	3
4RMAL0402R	4.0	R 0.2	10	50	4
4RMAL0403R	4.0	R 0.3	10	50	4
4RMAL0405R	4.0	R 0.5	10	50	4
4RMAL0410R	4.0	R 1.0	10	50	4
4RMAL0405R-6	4.0	R 0.5	10	50	6
4RMAL0410R-6	4.0	R 1.0	10	50	6
4RMAL0505R	5.0	R 0.5	12	50	6
4RMAL0510R	5.0	R 1.0	12	50	6
4RMAL0602R	6.0	R 0.2	15	50	6
4RMAL0605R	6.0	R 0.5	15	50	6
4RMAL0610R	6.0	R 1.0	15	50	6
4RMAL0615R	6.0	R 1.5	15	50	6
4RMAL0620R	6.0	R 2.0	15	50	6
4RMAL0805R	8.0	R 0.5	20	60	8
4RMAL0810R	8.0	R 1.0	20	60	8
4RMAL0815R	8.0	R 1.5	20	60	8
4RMAL0820R	8.0	R 2.0	20	60	8
4RMAL1005R	10.0	R 0.5	25	75	10
4RMAL1010R	10.0	R 1.0	25	75	10
4RMAL1015R	10.0	R 1.5	25	75	10
4RMAL1020R	10.0	R 2.0	25	75	10
4RMAL1025R	10.0	R 2.5	25	75	10
4RMAL1030R	10.0	R 3.0	25	75	10
4RMAL1205R	12.0	R 0.5	30	75	12
4RMAL1210R	12.0	R 1.0	30	75	12
4RMAL1215R	12.0	R 1.5	30	75	12
4RMAL1220R	12.0	R 2.0	30	75	12
4RMAL1225R	12.0	R 2.5	30	75	12
4RMAL1230R	12.0	R 3.0	30	75	12

d1 (mm)	R(mm) tolerance	d1 (mm) tolerance
1.0	+0.02 0	0 -0.02
1.5	+0.02 0	0 -0.02
2.0	+0.02 0	0 -0.02
2.5	+0.02 0	0 -0.02
3.0	+0.02 0	0 -0.02
4.0	+0.02 0	0 -0.02
5.0	+0.02 0	0 -0.02
6.0	+0.02 0	-0.005 -0.025
8.0	+0.02 0	-0.01 -0.025
10.0	+0.02 0	-0.01 -0.03
12.0	+0.02 0	-0.01 -0.025

Shank(mm) (h6)	d2(mm) tolerance
Ø 4	0 -0.008
Ø 6	0 -0.008
Ø 8	0 -0.008
Ø 10	0 -0.009
Ø 12	0 -0.011



Micro Diameter

Type No. 型號	Diameter 刃徑 d1	Corner R 圓角 R	Flute Length 刃長 l1	O. A. L. 全長 l3	Shank Dia. 柄徑 d2
2LRMAL0302R	3.0	R 0.2	8	75	4
2LRMAL0305R	3.0	R 0.5	8	75	4
2LRMAL0310R	3.0	R 1.0	8	75	4
2LRMAL0402R	4.0	R 0.2	10	75	4
2LRMAL0405R	4.0	R 0.5	10	75	4
2LRMAL0410R	4.0	R 1.0	10	75	4
2LRMAL0605R	6.0	R 0.5	15	75	6
2LRMAL0610R	6.0	R 1.0	15	75	6
2LRMAL0805R	8.0	R 0.5	20	75	8
2LRMAL0810R	8.0	R 1.0	20	75	8
2LRMAL0405RB	4.0	R 0.5	10	100	4
2LRMAL0505RB	5.0	R 0.5	12	100	6
2LRMAL0510RB	5.0	R 1.0	12	100	6
2LRMAL0602RB	6.0	R 0.2	15	100	6
2LRMAL0605RB	6.0	R 0.5	15	100	6
2LRMAL0610RB	6.0	R 1.0	15	100	6
2LRMAL0615RB	6.0	R 1.5	15	100	6
2LRMAL0620RB	6.0	R 2.0	15	100	6
2LRMAL0805RB	8.0	R 0.5	20	100	8
2LRMAL0810RB	8.0	R 1.0	20	100	8
2LRMAL0815RB	8.0	R 1.5	20	100	8
2LRMAL0820RB	8.0	R 2.0	20	100	8
2LRMAL1005R	10.0	R 0.5	25	100	10
2LRMAL1010R	10.0	R 1.0	25	100	10
2LRMAL1015R	10.0	R 1.5	25	100	10
2LRMAL1020R	10.0	R 2.0	25	100	10
2LRMAL1030R	10.0	R 3.0	25	100	10
2LRMAL1205R	12.0	R 0.5	30	100	12
2LRMAL1210R	12.0	R 1.0	30	100	12
2LRMAL1215R	12.0	R 1.5	30	100	12
2LRMAL1220R	12.0	R 2.0	30	100	12
2LRMAL1230R	12.0	R 3.0	30	100	12



High Speed Cutting  
& High Hard Cutting

d1 (mm)	d1 (mm) tolerance
6.0	-0.01 -0.025
8.0	-0.01 -0.025
10.0	-0.01 -0.03
12.0	-0.01 -0.035

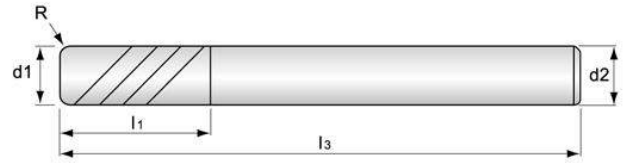
Shank (mm) (h6)	d2 (mm) tolerance
Ø 6	0 -0.008
Ø 8	0 -0.008
Ø 10	0 -0.008
Ø 12	0 -0.009



極細微粒碳化鎢 長柄圓鼻 4刃立銑刀  
Micro Grain Carbide, Long-shank, Corner-radius, 4-flute, End Mills



High Speed Cutting  
& High Hard Cutting



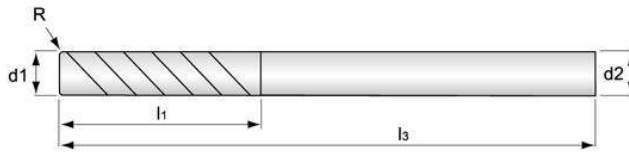
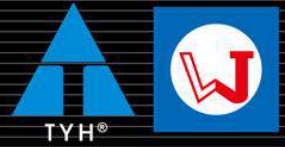
### Micro Diameter

Type No. 型號	Diameter 刃徑 d1	Corner R 圓角 R	Flute Length 刃長 l1	O. A. L. 全長 l3	Shank Dia. 柄徑 d2
4LRMAL0302R	3.0	R 0.2	8	75	4
4LRMAL0305R	3.0	R 0.5	8	75	4
4LRMAL0305R-3	3.0	R 0.5	8	75	3
4LRMAL0310R	3.0	R 1.0	8	75	4
4LRMAL0310R-3	3.0	R 1.0	8	75	3
4LRMAL0402R	4.0	R 0.2	10	75	4
4LRMAL0405R	4.0	R 0.5	10	75	4
4LRMAL0410R	4.0	R 1.0	10	75	4
4LRMAL0605R	6.0	R 0.5	15	75	6
4LRMAL0610R	6.0	R 1.0	15	75	6
4LRMAL0805R	8.0	R 0.5	20	75	8
4LRMAL0810R	8.0	R 1.0	20	75	8
4LRMAL0405RB	4.0	R 0.5	10	100	4
4LRMAL0505RB	5.0	R 0.5	12	100	6
4LRMAL0510RB	5.0	R 1.0	12	100	6
4LRMAL0602RB	6.0	R 0.2	15	100	6
4LRMAL0605RB	6.0	R 0.5	15	100	6
4LRMAL0610RB	6.0	R 1.0	15	100	6
4LRMAL0615RB	6.0	R 1.5	15	100	6
4LRMAL0620RB	6.0	R 2.0	15	100	6
4LRMAL0805RB	8.0	R 0.5	20	100	8
4LRMAL0810RB	8.0	R 1.0	20	100	8
4LRMAL0815RB	8.0	R 1.5	20	100	8
4LRMAL0820RB	8.0	R 2.0	20	100	8
4LRMAL1005R	10.0	R 0.5	25	100	10
4LRMAL1010R	10.0	R 1.0	25	100	10
4LRMAL1015R	10.0	R 1.5	25	100	10
4LRMAL1020R	10.0	R 2.0	25	100	10
4LRMAL1030R	10.0	R 3.0	25	100	10
4LRMAL1205R	12.0	R 0.5	30	100	12
4LRMAL1210R	12.0	R 1.0	30	100	12
4LRMAL1215R	12.0	R 1.5	30	100	12
4LRMAL1220R	12.0	R 2.0	30	100	12
4LRMAL1230R	12.0	R 3.0	30	100	12

d1 (mm)	R(mm) tolerance	d1(mm) tolerance
4.0	+0.02 0	0 -0.02
6.0	+0.02 0	-0.005 -0.025
8.0	+0.03 0	-0.01 -0.025
10.0	+0.03 0	-0.01 -0.03
12.0	+0.03 0	-0.01 -0.035

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

極細微粒碳化鎢 圓鼻 6刃立銑刀  
Micro Grain Carbide, Corner-radius, 6-flute, End Mills



Micro Diameter

Type No. 型號	Diameter 刃徑 d1	Corner R 圓角 R	Flute Length 刃長 l <sub>1</sub>	O. A. L. 全長 l <sub>3</sub>	Shank Dia. 柄徑 d2
H6ORWAL0605R	6.0	R 0.5	16	50	6
H6ORWAL0610R	6.0	R 1.0	16	50	6
H6ORWAL0805R	8.0	R 0.5	20	60	8
H6ORWAL0810R	8.0	R 1.0	20	60	8
H6ORWAL1010R	10.0	R 1.0	25	75	10
H6ORWAL1210R	12.0	R 1.0	30	75	12
H6ORWAL1610R	16.0	R 1.0	40	100	16
H6ORWAL1620R	16.0	R 2.0	40	100	16
H6ORWAL2020R	20.0	R 2.0	45	100	20



High Speed Cutting  
& High Hard Cutting

d1 (mm)	R(mm) tolerance	d1(mm) tolerance
6.0	+0.02 0	0 -0.025
8.0	+0.02 0	0 -0.025
10.0	+0.02 0	0 -0.03
12.0	+0.03 0	0 -0.03
16.0	+0.03 0	0 -0.04
20.0	+0.03 0	0 -0.04

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

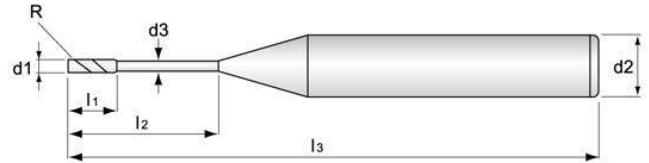




極細微粒碳化鎢 長頸圓鼻 2刃立銑刀  
Micro Grain Carbide, Long-neck, Corner-radius, 2-flute, End Mills



High Speed Cutting  
& High Hard Cutting



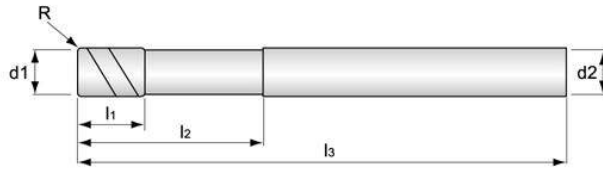
Micro Diameter

Type No. 型號	Diameter 刃徑 d1	Neck Dia. d3	Corner R 圓角 R	Flute Length 刃長 l <sub>1</sub>	Effective Length 有效長 l <sub>2</sub>	O. A. L. 全長 l <sub>3</sub>	Shank Dia. 柄徑 d2
HRM1006R	1.0	0.95	0.2	1.5	6	50	4
HRM1008R	1.0	0.95	0.2	1.5	8	50	4
HRM1010R	1.0	0.95	0.2	1.5	10	50	4
HRM1012R	1.0	0.95	0.2	1.5	12	50	4
HRM1508R	1.5	1.44	0.2	2.0	8	50	4
HRM1510R	1.5	1.44	0.2	2.0	10	50	4
HRM1512R	1.5	1.44	0.2	2.0	12	50	4
HRM1516R	1.5	1.44	0.2	2.0	16	50	4
HRM2008R	2.0	1.92	0.2	3.0	8	50	4
HRM2010R	2.0	1.92	0.2	3.0	10	50	4
HRM2012R	2.0	1.92	0.2	3.0	12	50	4
HRM2016R	2.0	1.92	0.2	3.0	16	50	4
HRM2020R	2.0	1.92	0.2	3.0	20	50	4
HRM2510R	2.5	2.40	0.2	3.0	10	50	4
HRM2512R	2.5	2.40	0.2	3.0	12	50	4
HRM2516R	2.5	2.40	0.2	3.0	16	50	4
HRM2520R	2.5	2.40	0.2	3.0	20	50	4
HRM3010R	3.0	2.90	0.2	4.0	10	50	6
HRM3012R	3.0	2.90	0.2	4.0	12	50	6
HRM3016R	3.0	2.90	0.2	4.0	16	50	6
HRM3020R	3.0	2.90	0.2	4.0	20	60	6
HRM3025R	3.0	2.90	0.2	4.0	25	60	6

d1 (mm)	R(mm) tolerance	d1(mm) tolerance
1.0	+0.02 0	0 -0.02
1.5	+0.02 0	0 -0.02
2.0	+0.02 0	0 -0.02
2.5	+0.02 0	0 -0.02
3.0	+0.02 0	0 -0.02

Shank(mm) (h6)	d2(mm) tolerance
Ø 4	0 -0.008
Ø 6	0 -0.008

重切削圓鼻 4刃立銑刀  
Heavy Cutting, Corner-radius, 4-flute, End Mills



Micro Diameter

Type No. 型號	Diameter 刃徑 d1	Corner R 圓角 R	Flute Length 刃長 l1	Effective Length 有效長 l2	O. A. L. 全長 l3	Shank Dia. 柄徑 d2
SEHR0305	3	0.5	1.2	8	50	4
SEHR0405	4	0.5	1.6	11	50	4
SEHR0410	4	1.0	1.6	11	50	4
SEHR0505	5	0.5	2	13	50	6
SEHR0510	5	1.0	2	13	50	6
SEHR0605	6	0.5	2.5	15	50	6
SEHR0610	6	1.0	2.5	15	50	6
SEHR0615	6	1.5	2.5	15	50	6
SEHR0805	8	0.5	3.5	20	60	8
SEHR0810	8	1.0	3.5	20	60	8
SEHR0815	8	1.5	3.5	20	60	8
SEHR0820	8	2.0	3.5	20	60	8
SEHR1005	10	0.5	4	25	75	10
SEHR1010	10	1.0	4	25	75	10
SEHR1015	10	1.5	4	25	75	10
SEHR1020	10	2.0	4	25	75	10
SEHR1205	12	0.5	5	25	75	12
SEHR1210	12	1.0	5	25	75	12
SEHR1215	12	1.5	5	25	75	12
SEHR1220	12	2.0	5	25	75	12
SEHR1230	12	3.0	5	25	75	12



High Speed Cutting  
& High Hard Cutting

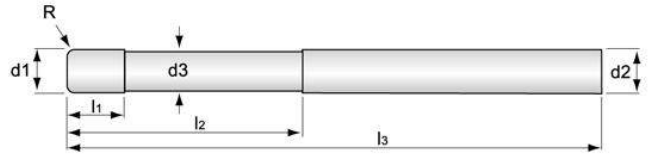
*New*

d1 (mm)	R(mm) tolerance	d1(mm) tolerance
4.0	+0.02 0	0 -0.02
6.0	+0.02 0	-0.005 -0.025
8.0	+0.02 0	-0.01 -0.025
10.0	+0.025 0	-0.01 -0.03
12.0	+0.025 0	-0.01 -0.035

Shank(mm) (h6)	d2(mm) tolerance
Ø 6	0 -0.008
Ø 8	0 -0.008
Ø10	0 -0.009
Ø12	0 -0.011



極細微粒碳化鎢 長頸短刃圓鼻 2刃立銑刀  
Micro Grain Carbide, Long-neck, Short-flute, Corner-radius, 2-flute, End Mills



Micro Diameter

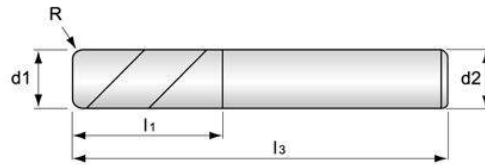
Type No. 型號	Diameter 刃徑 d1	Neck Dia. d3	Corner R 圓角 R	Flute Length 刃長 l <sub>1</sub>	Effective Length 有效長 l <sub>2</sub>	O. A. L. 全長 l <sub>3</sub>	Shank Dia. 柄徑 d2
HSER0402R	4.0	3.90	0.2	6	12	50	6
HSER0405R	4.0	3.90	0.5	6	12	50	6
HSER0602R	6.0	5.80	0.2	8	18	50	6
HSER0605R	6.0	5.80	0.5	8	18	50	6
HSER0610R	6.0	5.80	1.0	8	18	50	6
HSER0802R	8.0	7.70	0.2	10	24	60	8
HSER0805R	8.0	7.70	0.5	10	24	60	8
HSER0810R	8.0	7.70	1.0	10	24	60	8
HSER1003R	10.0	9.60	0.3	12	30	75	10
HSER1005R	10.0	9.60	0.5	12	30	75	10
HSER1010R	10.0	9.60	1.0	12	30	75	10
HSER1020R	10.0	9.60	2.0	12	30	75	10
HSER1210R	12.0	11.5	1.0	15	36	75	12
HSER1220R	12.0	11.5	2.0	15	36	75	12
HSER1605R	16.0	15.4	0.5	24	40	100	16
HSER1610R	16.0	15.4	1.0	24	40	100	16

High Speed Cutting  
& High Hard Cutting

d1 (mm)	R(mm) tolerance	d1 (mm) tolerance
4.0	+0.02 0	0 -0.02
6.0	+0.02 0	-0.005 -0.025
8.0	+0.02 0	-0.01 -0.025
10.0	+0.025 0	-0.01 -0.03
12.0	+0.025 0	-0.01 -0.035
16.0	+0.03 0	-0.01 -0.04

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

極細微粒碳化鎢 圓鼻 2刃立銑刀  
Micro Grain Carbide, Corner-radius, 2-flute, End Mills



Micro Diameter

Type No. 型號	Diameter 刃徑 d1	Corner R 圓角 R	Flute Length 刃長 l <sub>1</sub>	O. A. L. 全長 l <sub>3</sub>	Shank Dia. 柄徑 d2
2RM0102R	1.0	R 0.2	2.5	50	4
2RM01502R	1.5	R 0.2	4	50	4
2RM01505R	1.5	R 0.5	4	50	4
2RM0202R	2.0	R 0.2	5	50	4
2RM0205R	2.0	R 0.5	5	50	4
2RM02502R	2.5	R 0.2	6	50	4
2RM02505R	2.5	R 0.5	6	50	4
2RM0303R-3	3.0	R 0.3	8	50	3
2RM0305R-3	3.0	R 0.5	8	50	3
2RM0302R	3.0	R 0.2	8	50	4
2RM0305R	3.0	R 0.5	8	50	4
2RM0310R	3.0	R 1.0	8	50	4
2RM0402R	4.0	R 0.2	10	50	4
2RM0405R	4.0	R 0.5	10	50	4
2RM0410R	4.0	R 1.0	10	50	4
2RM0505R	5.0	R 0.5	12	50	6
2RM0510R	5.0	R 1.0	12	50	6
2RM0602R	6.0	R 0.2	15	50	6
2RM0605R	6.0	R 0.5	15	50	6
2RM0610R	6.0	R 1.0	15	50	6
2RM0615R	6.0	R 1.5	15	50	6
2RM0620R	6.0	R 2.0	15	50	6
2RM0805R	8.0	R 0.5	20	60	8
2RM0810R	8.0	R 1.0	20	60	8
2RM0815R	8.0	R 1.5	20	60	8
2RM0820R	8.0	R 2.0	20	60	8
2RM1005R	10.0	R 0.5	25	75	10
2RM1010R	10.0	R 1.0	25	75	10
2RM1015R	10.0	R 1.5	25	75	10
2RM1020R	10.0	R 2.0	25	75	10
2RM1025R	10.0	R 2.5	25	75	10
2RM1030R	10.0	R 3.0	25	75	10
2RM1205R	12.0	R 0.5	30	75	12
2RM1210R	12.0	R 1.0	30	75	12
2RM1215R	12.0	R 1.5	30	75	12
2RM1220R	12.0	R 2.0	30	75	12
2RM1225R	12.0	R 2.5	30	75	12
2RM1230R	12.0	R 3.0	30	75	12



High Speed Cutting  
& High Hard Cutting

d1 (mm)	R(mm) tolerance	d1(mm) tolerance
1.0	+0.02 0	0 -0.02
1.5	+0.02 0	0 -0.02
2.0	+0.02 0	0 -0.02
2.5	+0.02 0	0 -0.02
3.0	+0.02 0	0 -0.02
4.0	+0.02 0	0 -0.02
5.0	+0.02 0	0 -0.02
6.0	+0.02 0	-0.005 -0.025
8.0	+0.02 0	-0.01 -0.025
10.0	+0.02 0	-0.01 -0.03
12.0	+0.02 0	-0.01 -0.025

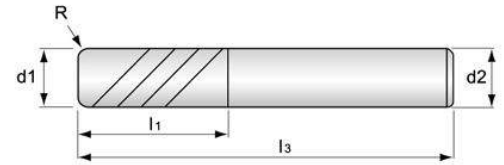
Shank(mm) (h6)	d2(mm) tolerance
Ø 4	0 -0.008
Ø 6	0 -0.008
Ø 8	0 -0.008
Ø 10	0 -0.009
Ø 12	0 -0.011



極細微粒碳化鎢 圓鼻 4刃立銑刀  
Micro Grain Carbide, Corner-radius, 4-flute, End Mills



High Speed Cutting  
& High Hard Cutting



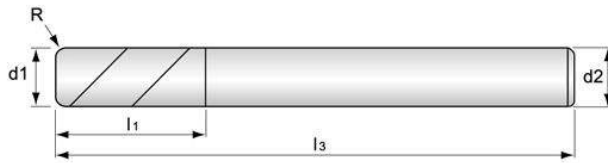
Micro Diameter

Type No. 型號	Diameter 刃徑 d1	Corner R 圓角 R	Flute Length 刃長 l1	O. A. L. 全長 l3	Shank Dia. 柄徑 d2
4RM0102R	1.0	R 0.2	2.5	50	4
4RM01502R	1.5	R 0.2	4	50	4
4RM01505R	1.5	R 0.5	4	50	4
4RM0202R	2.0	R 0.2	5	50	4
4RM0205R	2.0	R 0.5	5	50	4
4RM02502R	2.5	R 0.2	6	50	4
4RM02505R	2.5	R 0.5	6	50	4
4RM0302R	3.0	R 0.2	8	50	4
4RM0302R-3	3.0	R 0.2	8	50	3
4RM0303R-3	3.0	R 0.3	8	50	3
4RM0305R	3.0	R 0.5	8	50	4
4RM0305R-3	3.0	R 0.5	8	50	3
4RM0310R	3.0	R 1.0	8	50	4
4RM0310R-3	3.0	R 1.0	8	50	3
4RM0402R	4.0	R 0.2	10	50	4
4RM0403R	4.0	R 0.3	10	50	4
4RM0405R	4.0	R 0.5	10	50	4
4RM0405R-6	4.0	R 0.5	10	50	6
4RM0410R	4.0	R 1.0	10	50	4
4RM0410R-6	4.0	R 1.0	10	50	6
4RM0505R	5.0	R 0.5	12	50	6
4RM0510R	5.0	R 1.0	12	50	6
4RM0602R	6.0	R 0.2	15	50	6
4RM0605R	6.0	R 0.5	15	50	6
4RM0610R	6.0	R 1.0	15	50	6
4RM0615R	6.0	R 1.5	15	50	6
4RM0620R	6.0	R 2.0	15	50	6
4RM0805R	8.0	R 0.5	20	60	8
4RM0810R	8.0	R 1.0	20	60	8
4RM0815R	8.0	R 1.5	20	60	8
4RM0820R	8.0	R 2.0	20	60	8
4RM1005R	10.0	R 0.5	25	75	10
4RM1010R	10.0	R 1.0	25	75	10
4RM1015R	10.0	R 1.5	25	75	10
4RM1020R	10.0	R 2.0	25	75	10
4RM1025R	10.0	R 2.5	25	75	10
4RM1030R	10.0	R 3.0	25	75	10
4RM1205R	12.0	R 0.5	30	75	12
4RM1210R	12.0	R 1.0	30	75	12
4RM1215R	12.0	R 1.5	30	75	12
4RM1220R	12.0	R 2.0	30	75	12
4RM1225R	12.0	R 2.5	30	75	12
4RM1230R	12.0	R 3.0	30	75	12

d1 (mm)	R(mm) tolerance	d1(mm) tolerance
1.0	+0.02 0	0 -0.02
1.5	+0.02 0	0 -0.02
2.0	+0.02 0	0 -0.02
2.5	+0.02 0	0 -0.02
3.0	+0.02 0	0 -0.02
4.0	+0.02 0	0 -0.02
5.0	+0.02 0	0 -0.02
6.0	+0.02 0	-0.005 -0.025
8.0	+0.02 0	-0.01 -0.025
10.0	+0.02 0	-0.01 -0.03
12.0	+0.02 0	-0.01 -0.025

Shank(mm) (h6)	d2(mm) tolerance
Ø 4	0 -0.008
Ø 6	0 -0.008
Ø 8	0 -0.008
Ø 10	0 -0.009
Ø 12	0 -0.011

極細微粒碳化鎢 長柄圓鼻 2刃立銑刀  
Micro Grain Carbide, Long-shank, Corner-radius, 2-flute, End Mills



Micro Diameter

Type No. 型號	Diameter 刃徑 d1	Corner R 圓角 R	Flute Length 刃長 l <sub>1</sub>	O. A. L. 全長 l <sub>3</sub>	Shank Dia. 柄徑 d2
2LRM0302R	3.0	R 0.2	8	75	4
2LRM0305R	3.0	R 0.5	8	75	4
2LRM0310R	3.0	R 1.0	8	75	4
2LRM0402R	4.0	R 0.2	10	75	4
2LRM0405R	4.0	R 0.5	10	75	4
2LRM0410R	4.0	R 1.0	10	75	4
2LRM0405RB	4.0	R 0.5	10	100	4
2LRM0505RB	5.0	R 0.5	12	100	6
2LRM0510RB	5.0	R 1.0	12	100	6
2LRM0602RB	6.0	R 0.2	15	100	6
2LRM0605RB	6.0	R 0.5	15	100	6
2LRM0605R	6.0	R 0.5	15	75	6
2LRM0610R	6.0	R 1.0	15	75	6
2LRM0805R	8.0	R 0.5	20	75	8
2LRM0810R	8.0	R 1.0	20	75	8
2LRM0610RB	6.0	R 1.0	15	100	6
2LRM0615RB	6.0	R 1.5	15	100	6
2LRM0620RB	6.0	R 2.0	15	100	6
2LRM0805RB	8.0	R 0.5	20	100	8
2LRM0810RB	8.0	R 1.0	20	100	8
2LRM0815RB	8.0	R 1.5	20	100	8
2LRM0820RB	8.0	R 2.0	20	100	8
2LRM1005R	10.0	R 0.5	25	100	10
2LRM1010R	10.0	R 1.0	25	100	10
2LRM1015R	10.0	R 1.5	25	100	10
2LRM1020R	10.0	R 2.0	25	100	10
2LRM1030R	10.0	R 3.0	25	100	10
2LRM1205R	12.0	R 0.5	30	100	12
2LRM1210R	12.0	R 1.0	30	100	12
2LRM1215R	12.0	R 1.5	30	100	12
2LRM1220R	12.0	R 2.0	30	100	12
2LRM1230R	12.0	R 3.0	30	100	12



High Speed Cutting  
& High Hard Cutting

d1 (mm)	d1(mm) tolerance
6.0	-0.01 -0.025
8.0	-0.01 -0.025
10.0	-0.01 -0.03
12.0	-0.01 -0.035

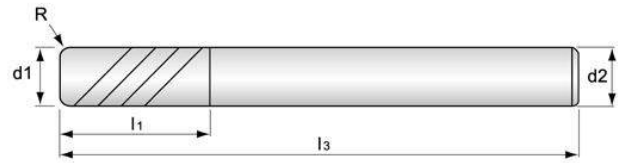
Shank(mm) (h6)	d2(mm) tolerance
Ø 6	0 -0.008
Ø 8	0 -0.008
Ø 10	0 -0.008
Ø 12	0 -0.009



極細微粒碳化鎢 長柄圓鼻 4刃立銑刀  
Micro Grain Carbide, Long-shank, Corner-radius, 4-flute, End Mills



High Speed Cutting  
& High Hard Cutting



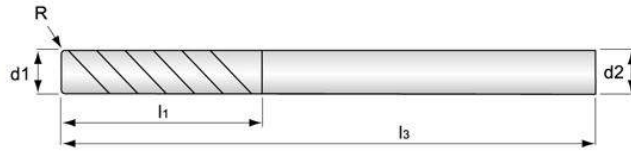
Micro Diameter

Type No. 型號	Diameter 刃徑 d1	Corner R 圓角 R	Flute Length 刃長 l1	O. A. L. 全長 l3	Shank Dia. 柄徑 d2
4LRM0302R	3.0	R 0.2	8	75	4
4LRM0305R	3.0	R 0.5	8	75	4
4LRM0305R-3	3.0	R 0.5	8	75	3
4LRM0310R	3.0	R 1.0	8	75	4
4LRM0402R	4.0	R 0.2	10	75	4
4LRM0405R	4.0	R 0.5	10	75	4
4LRM0410R	4.0	R 1.0	10	75	4
4LRM0405R-6	4.0	R 1.0	10	75	6
4LRM0605R	6.0	R 0.5	15	75	6
4LRM0610R	6.0	R 1.0	15	75	6
4LRM0805R	8.0	R 0.5	20	75	8
4LRM0810R	8.0	R 1.0	20	75	8
4LRM0405RB	4.0	R 0.5	10	100	4
4LRM0505RB	5.0	R 0.5	12	100	6
4LRM0510RB	5.0	R 1.0	12	100	6
4LRM0602RB	6.0	R 0.2	15	100	6
4LRM0605RB	6.0	R 0.5	15	100	6
4LRM0610RB	6.0	R 1.0	15	100	6
4LRM0615RB	6.0	R 1.5	15	100	6
4LRM0620RB	6.0	R 2.0	15	100	6
4LRM0805RB	8.0	R 0.5	20	100	8
4LRM0810RB	8.0	R 1.0	20	100	8
4LRM0815RB	8.0	R 1.5	20	100	8
4LRM0820RB	8.0	R 2.0	20	100	8
4LRM1005R	10.0	R 0.5	25	100	10
4LRM1010R	10.0	R 1.0	25	100	10
4LRM1015R	10.0	R 1.5	25	100	10
4LRM1020R	10.0	R 2.0	25	100	10
4LRM1030R	10.0	R 3.0	25	100	10
4LRM1205R	12.0	R 0.5	30	100	12
4LRM1210R	12.0	R 1.0	30	100	12
4LRM1215R	12.0	R 1.5	30	100	12
4LRM1220R	12.0	R 2.0	30	100	12
4LRM1230R	12.0	R 3.0	30	100	12

d1 (mm)	R(mm) tolerance	d1(mm) tolerance
4.0	+0.02 0	0 -0.02
6.0	+0.02 0	-0.005 -0.025
8.0	+0.03 0	-0.01 -0.025
10.0	+0.03 0	-0.01 -0.03
12.0	+0.03 0	-0.01 -0.035

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

極細微粒碳化鎢 圓鼻 6刃立銑刀  
Micro Grain Carbide, Corner-radius, 6-flute, End Mills



Micro Diameter

Type No. 型號	Diameter 刃徑 d1	Corner R 圓角 R	Flute Length 刃長 l <sub>1</sub>	O. A. L. 全長 l <sub>3</sub>	Shank Dia. 柄徑 d2
H60RW0605R	6.0	R 0.5	16	50	6
H60RW0610R	6.0	R 1.0	16	50	6
H60RW0805R	8.0	R 0.5	20	60	8
H60RW0810R	8.0	R 1.0	20	60	8
H60RW1010R	10.0	R 1.0	25	75	10
H60RW1210R	12.0	R 1.0	30	75	12
H60RW1610R	16.0	R 1.0	40	100	16
H60RW1620R	16.0	R 2.0	40	100	16
H60RW2020R	20.0	R 2.0	45	100	20



High Speed Cutting  
& High Hard Cutting

d1 (mm)	R(mm) tolerance	d1(mm) tolerance
6.0	+0.02 0	0 -0.025
8.0	+0.02 0	0 -0.025
10.0	+0.02 0	0 -0.03
12.0	+0.03 0	0 -0.03
16.0	+0.03 0	0 -0.04
20.0	+0.03 0	0 -0.04

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