

高速、高硬度切削

HSC & HHC SERIES



UB

Super MG

0.4 μm

30°

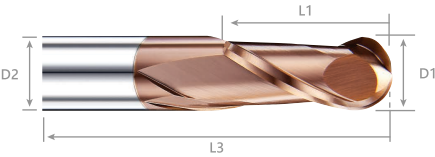
2 Flutes

HRC >60

G13

S Type

極超微粒圓頭立銑刀 Ball Nose End Mills



型號 Type NO.	直徑 D1	刃長 L1	全長 L3	柄徑 D2
UB0102	R0.5	2	50	4
UB0152	R0.75	3	50	4
UB0202	R1.0	4	50	6
UB0202S	R1.0	4	50	4
UB0302	R1.5	6	50	6
UB0302S	R1.5	6	50	4
UB0402	R2.0	8	50	6
UB0402S	R2.0	8	50	4
UB0502	R2.5	10	50	6
UB0602	R3.0	12	50	6
UB0802	R4.0	16	60	8
UB1002	R5.0	20	75	10
UB1202	R6.0	24	75	12
UB1602	R8.0	32	100	16

UBG

Super MG

0.2 μm

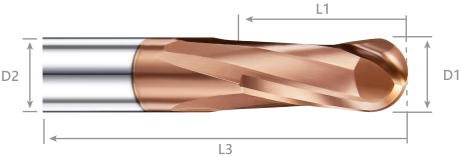
15°

2 Flutes

HRC >60

G12

極超微粒圓頭立銑刀 Ball Nose End Mills



型號 Type NO.	直徑 D1	刃長 L1	全長 L3	柄徑 D2
UBG0102	R0.5	2	50	4
UBG0152	R0.75	3	50	4
UBG0202	R1.0	4	50	4
UBG0302	R1.5	6	50	4
UBG0402	R2.0	8	50	4
UBG0502	R2.5	10	50	6
UBG0602	R3.0	12	50	6
UBG0802	R4.0	16	60	8
UBG1002	R5.0	20	75	10
UBG1202	R6.0	24	75	12
UBG1602	R8.0	32	100	16

UQB

Super MG

0.2 μm

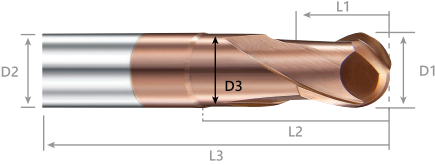
30°

2 Flutes

HRC >65

G12

極超微粒短刃圓頭立銑刀 Ball Nose End Mills



型號 Type NO.	直徑 D1	頸徑 D3	刃長 L1	有效長 L2	全長 L3	柄徑 D2
UQB0102	R0.5	0.95	1.0	2.5	50	4
UQB0152	R0.75	1.45	1.0	3	50	4
UQB0202	R1.0	1.92	1.5	5	50	4
UQB0302S	R1.5	2.90	2.0	8	50	4
UQB0302	R1.5	2.90	2.0	8	50	6
UQB0402S	R2.0	3.90	4.0	10	50	4
UQB0402	R2.0	3.90	4.0	10	50	6
UQB0502	R2.5	4.80	5.0	13	50	6
UQB0602	R3.0	5.80	6.0	15	50	6
UQB0802	R4.0	7.70	8.0	20	60	8
UQB1002	R5.0	9.60	10.0	25	75	10
UQB1202	R6.0	11.5	12.0	30	75	12

UOB

Super MG

0.2 μm

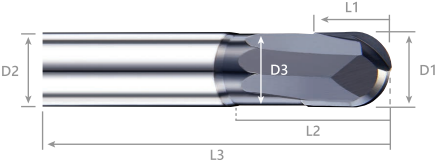
5°

2 Flutes

HRC >65

G15

極超微粒直刃圓頭立銑刀 Ball Nose End Mills

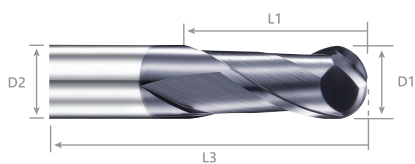


型號 Type NO.	直徑 D1	頸徑 D3	刃長 L1	有效長 L2	全長 L3	柄徑 D2
UOB0102	R0.5	0.95	1	3	50	4
UOB0152	R0.75	1.44	2	5	50	4
UOB0202	R1.0	1.92	3	6	50	6
UOB0302S	R1.5	2.90	4	8	50	4
UOB0302	R1.5	2.90	4	8	50	6
UOB0302L	R1.5	2.90	4	8	75	6
UOB0402S	R2.0	3.90	5	10	50	4
UOB0402	R2.0	3.90	5	10	50	6
UOB0402L	R2.0	3.90	5	10	75	6
UOB0602	R3.0	5.80	6	12	50	6
UOB0602M	R3.0	5.80	6	12	75	6
UOB0602L	R3.0	5.80	6	16	100	6
UOB0802	R4.0	7.70	8	16	60	8
UOB0802L	R4.0	7.70	8	25	100	8
UOB1002	R5.0	9.60	10	20	75	10
UOB1002L	R5.0	9.60	10	30	100	10

UBT 2T



極超微粒圓頭立銑刀 Ball Nose End Mills

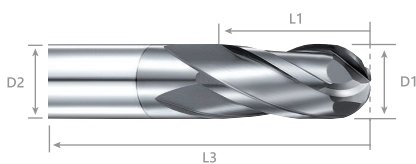


型號 Type NO.	直徑 D1	刃長 L1	全長 L3	柄徑 D2
UBT0102	R0.5	2	50	4
UBT0102B	R0.5	2	50	6
UBT0152	R0.75	3	50	4
UBT0152B	R0.75	3	50	6
UBT0202	R1.0	4	50	6
UBT0302	R1.5	6	50	6
UBT0402	R2.0	8	50	6
UBT0502	R2.5	10	50	6
UBT0602	R3.0	12	50	6
UBT0802	R4.0	16	60	8
UBT1002	R5.0	20	75	10
UBT1202	R6.0	24	75	12
UBT1602	R8.0	32	100	16

UBT 4T



極超微粒圓頭立銑刀 Ball Nose End Mills



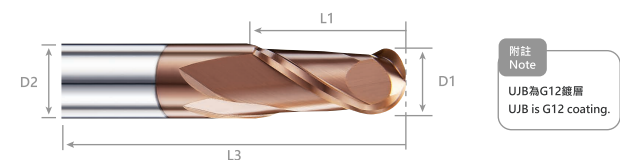
型號 Type NO.	直徑 D1	刃長 L1	全長 L3	柄徑 D2
UBT0204	R1.0	4	50	6
UBT0304	R1.5	6	50	6
UBT0404	R2.0	8	50	6
UBT0504	R2.5	10	50	6
UBT0604	R3.0	12	50	6
UBT0804	R4.0	16	60	8
UBT1004	R5.0	20	75	10
UBT1204	R6.0	24	75	12

UHB UIB UJB



極超微粒長柄圓頭立銑刀 Ball Nose End Mills

Long Shank



型號 Type NO.	直徑 D1	刃長 L1	全長 L3	柄徑 D2
UHB0202	R1.0	4	75	6
UHB0302	R1.5	6	75	6
UHB0402	R2.0	8	75	6
UHB0502	R2.5	10	75	6
UHB0602	R3.0	12	75	6
UHB0802	R4.0	16	75	8

UIB0402	R2.0	8	100	6
UIB0602	R3.0	12	100	6
UIB0802	R4.0	16	100	8
UIB1002	R5.0	20	100	10
UIB1202	R6.0	24	100	12

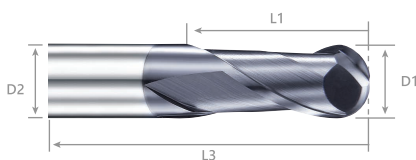
UJB1002	R5.0	20	150	10
UJB1202	R6.0	24	150	12
UJB1602	R8.0	32	150	16
UJB2002	R10.0	40	150	20

UHBT UIBT



極超微粒長柄圓頭立銑刀 Ball Nose End Mills

Long Shank



型號 Type NO.	直徑 D1	刃長 L1	全長 L3	柄徑 D2
UHBT0302	R1.5	6	75	6
UHBT0402	R2.0	8	75	6
UHBT0502	R2.5	10	75	6
UHBT0602	R3.0	12	75	6
UHBT0802	R4.0	16	75	8

UIBT0602	R3.0	12	100	6
UIBT0802	R4.0	16	100	8
UIBT1002	R5.0	20	100	10
UIBT1202	R6.0	24	100	12

UB

Super MG

0.4 μm

30°

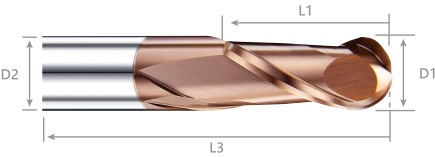
2 Flutes

HRC >60

G13

S Type

極超微粒圓頭立銑刀 Ball Nose End Mills



型號 Type NO.	直徑 D1	刃長 L1	全長 L3	柄徑 D2
UB0102	R0.5	2	50	4
UB0152	R0.75	3	50	4
UB0202	R1.0	4	50	6
UB0202S	R1.0	4	50	4
UB0302	R1.5	6	50	6
UB0302S	R1.5	6	50	4
UB0402	R2.0	8	50	6
UB0402S	R2.0	8	50	4
UB0502	R2.5	10	50	6
UB0602	R3.0	12	50	6
UB0802	R4.0	16	60	8
UB1002	R5.0	20	75	10
UB1202	R6.0	24	75	12
UB1602	R8.0	32	100	16

UBG

Super MG

0.2 μm

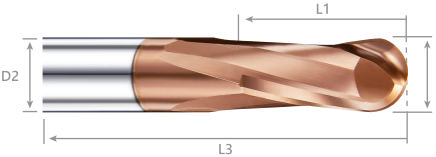
15°

2 Flutes

HRC >60

G12

極超微粒圓頭立銑刀 Ball Nose End Mills



型號 Type NO.	直徑 D1	刃長 L1	全長 L3	柄徑 D2
UBG0102	R0.5	2	50	4
UBG0152	R0.75	3	50	4
UBG0202	R1.0	4	50	4
UBG0302	R1.5	6	50	4
UBG0402	R2.0	8	50	4
UBG0502	R2.5	10	50	6
UBG0602	R3.0	12	50	6
UBG0802	R4.0	16	60	8
UBG1002	R5.0	20	75	10
UBG1202	R6.0	24	75	12
UBG1602	R8.0	32	100	16

UQB

Super MG

0.2 μm

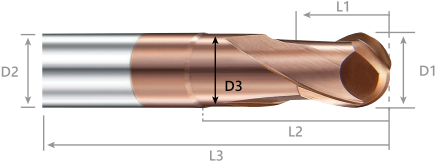
30°

2 Flutes

HRC >65

G12

極超微粒短刃圓頭立銑刀 Ball Nose End Mills



型號 Type NO.	直徑 D1	頸徑 D3	刃長 L1	有效長 L2	全長 L3	柄徑 D2
UQB0102	R0.5	0.95	1.0	2.5	50	4
UQB0152	R0.75	1.45	1.0	3	50	4
UQB0202	R1.0	1.92	1.5	5	50	4
UQB0302S	R1.5	2.90	2.0	8	50	4
UQB0302	R1.5	2.90	2.0	8	50	6
UQB0402S	R2.0	3.90	4.0	10	50	4
UQB0402	R2.0	3.90	4.0	10	50	6
UQB0502	R2.5	4.80	5.0	13	50	6
UQB0602	R3.0	5.80	6.0	15	50	6
UQB0802	R4.0	7.70	8.0	20	60	8
UQB1002	R5.0	9.60	10.0	25	75	10
UQB1202	R6.0	11.5	12.0	30	75	12

UOB

Super MG

0.2 μm

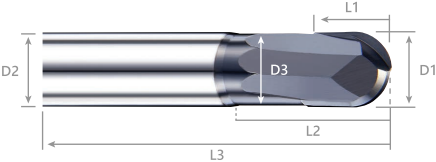
5°

2 Flutes

HRC >65

G15

極超微粒直刃圓頭立銑刀 Ball Nose End Mills

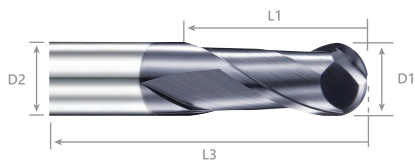


型號 Type NO.	直徑 D1	頸徑 D3	刃長 L1	有效長 L2	全長 L3	柄徑 D2
UOB0102	R0.5	0.95	1	3	50	4
UOB0152	R0.75	1.44	2	5	50	4
UOB0202	R1.0	1.92	3	6	50	6
UOB0302S	R1.5	2.90	4	8	50	4
UOB0302	R1.5	2.90	4	8	50	6
UOB0302L	R1.5	2.90	4	8	75	6
UOB0402S	R2.0	3.90	5	10	50	4
UOB0402	R2.0	3.90	5	10	50	6
UOB0402L	R2.0	3.90	5	10	75	6
UOB0602	R3.0	5.80	6	12	50	6
UOB0602M	R3.0	5.80	6	12	75	6
UOB0602L	R3.0	5.80	6	16	100	6
UOB0802	R4.0	7.70	8	16	60	8
UOB0802L	R4.0	7.70	8	25	100	8
UOB1002	R5.0	9.60	10	20	75	10
UOB1002L	R5.0	9.60	10	30	100	10

UBT 2T



極超微粒圓頭立銑刀 Ball Nose End Mills

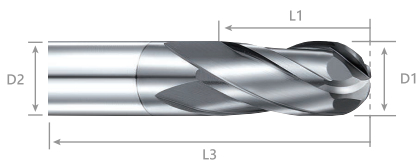


型號 Type NO.	直徑 D1	刃長 L1	全長 L3	柄徑 D2
UBT0102	R0.5	2	50	4
UBT0102B	R0.5	2	50	6
UBT0152	R0.75	3	50	4
UBT0152B	R0.75	3	50	6
UBT0202	R1.0	4	50	6
UBT0302	R1.5	6	50	6
UBT0402	R2.0	8	50	6
UBT0502	R2.5	10	50	6
UBT0602	R3.0	12	50	6
UBT0802	R4.0	16	60	8
UBT1002	R5.0	20	75	10
UBT1202	R6.0	24	75	12
UBT1602	R8.0	32	100	16

UBT 4T



極超微粒圓頭立銑刀 Ball Nose End Mills



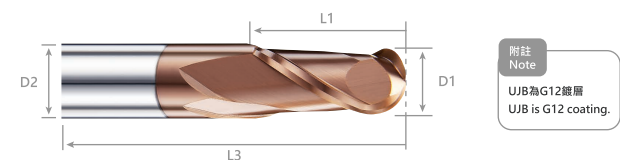
型號 Type NO.	直徑 D1	刃長 L1	全長 L3	柄徑 D2
UBT0204	R1.0	4	50	6
UBT0304	R1.5	6	50	6
UBT0404	R2.0	8	50	6
UBT0504	R2.5	10	50	6
UBT0604	R3.0	12	50	6
UBT0804	R4.0	16	60	8
UBT1004	R5.0	20	75	10
UBT1204	R6.0	24	75	12

UHB UIB UJB



極超微粒長柄圓頭立銑刀 Ball Nose End Mills

Long Shank



型號 Type NO.	直徑 D1	刃長 L1	全長 L3	柄徑 D2
UHB0202	R1.0	4	75	6
UHB0302	R1.5	6	75	6
UHB0402	R2.0	8	75	6
UHB0502	R2.5	10	75	6
UHB0602	R3.0	12	75	6
UHB0802	R4.0	16	75	8

UIB0402	R2.0	8	100	6
UIB0602	R3.0	12	100	6
UIB0802	R4.0	16	100	8
UIB1002	R5.0	20	100	10
UIB1202	R6.0	24	100	12

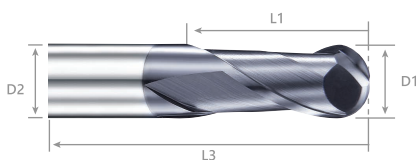
UJB1002	R5.0	20	150	10
UJB1202	R6.0	24	150	12
UJB1602	R8.0	32	150	16
UJB2002	R10.0	40	150	20

UHBT UIBT



極超微粒長柄圓頭立銑刀 Ball Nose End Mills

Long Shank



型號 Type NO.	直徑 D1	刃長 L1	全長 L3	柄徑 D2
UHBT0302	R1.5	6	75	6
UHBT0402	R2.0	8	75	6
UHBT0502	R2.5	10	75	6
UHBT0602	R3.0	12	75	6
UHBT0802	R4.0	16	75	8

UIBT0602	R3.0	12	100	6
UIBT0802	R4.0	16	100	8
UIBT1002	R5.0	20	100	10
UIBT1202	R6.0	24	100	12

UPB

Super
MG

0.4
μm

35°

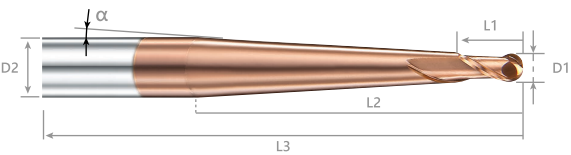
2 Flutes

HRC
▶ 60

G12

極超微粒斜頸圓頭立銑刀
Ball Nose End Mills

Strong Power



型號 Type NO.	直徑 D1	斜角 α	刃長 L1	有效長 L2	全長 L3	柄徑 D2
UPB0205	R1.0	0.5°	3	60	100	6
UPB0210	R1.0	1°	3	60	100	6
UPB0215	R1.0	1.5°	3	60	100	6
UPB0220	R1.0	2°	3	57	100	6
UPB0305	R1.5	0.5°	4	60	100	6
UPB0310	R1.5	1°	4	60	100	6
UPB0315	R1.5	1.5°	4	57	100	6
UPB0320	R1.5	2°	4	43	100	6
UPB0405	R2.0	0.5°	5	60	100	6
UPB0410	R2.0	1°	5	57	100	6
UPB0415	R2.0	1.5°	5	38	100	6
UPB0420	R2.0	2°	5	29	100	6

USB

Super
MG

0.4
μm

35°

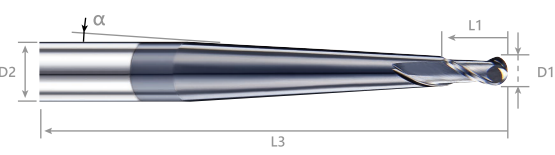
2 Flutes

HRC
▶ 60

G15

極超微粒斜頸圓頭立銑刀
Ball Nose End Mills

Strong Power



型號 Type NO.	直徑 D1	斜角 α	刃長 L1	全長 L3	柄徑 D2
USB0203	R1.0	3°	4	75	6
USB0205	R1.0	5°	4	75	6
USB0315	R1.5	1.5°	6	100	6
USB0303	R1.5	3°	6	75	6
USB0305	R1.5	5°	6	75	6
USB0415	R2.0	1.5°	8	100	6
USB0405	R2.0	5°	8	75	6
USB0615	R3.0	1.5°	12	100	8
USB0603	R3.0	3°	12	75	8
USB0605	R3.0	5°	12	100	8
USB0603B	R3.0	3°	12	100	10
USB0605B	R3.0	5°	12	100	10

UXR

Super
MG

0.4
μm

35°

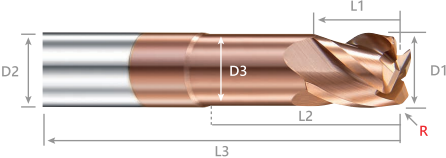
4 Flutes

HRC
▶ 60

G12

極超微粒圓鼻角立銑刀
End Mills

Corner Radius



型號 Type NO.	直徑 D1	頸徑 D3	R角 R	刃長 L1	有效長 L2	全長 L3	柄徑 D2
UXR0403	4.0	3.9	0.3	6	12	50	6
UXR0405	4.0	3.9	0.5	6	12	50	6
UXR0603	6.0	5.8	0.3	8	18	50	6
UXR0605	6.0	5.8	0.5	8	18	50	6
UXR0610	6.0	5.8	1.0	8	18	50	6
UXR0803	8.0	7.7	0.3	10	24	60	8
UXR0805	8.0	7.7	0.5	10	24	60	8
UXR0810	8.0	7.7	1.0	10	24	60	8
UXR1005	10.0	9.6	0.5	12	30	75	10
UXR1010	10.0	9.6	1.0	12	30	75	10
UXR1020	10.0	9.6	2.0	12	30	75	10
UXR1030	10.0	9.6	3.0	12	30	75	10
UXR1205	12.0	11.5	0.5	15	36	75	12
UXR1210	12.0	11.5	1.0	15	36	75	12
UXR1605	16.0	15.5	0.5	24	40	100	16
UXR1610	16.0	15.5	1.0	24	40	100	16

ULXR

Super
MG

0.4
μm

35°

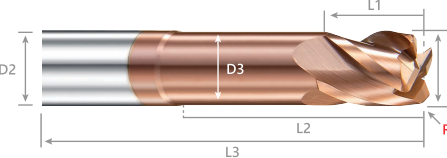
4 Flutes

HRC
▶ 60

G12

極超微粒圓鼻角立銑刀
End Mills

Corner Radius
Long Shank



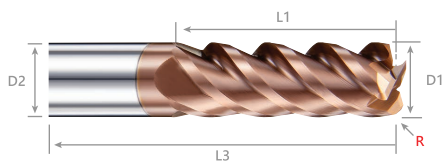
型號 Type NO.	直徑 D1	頸徑 D3	R角 R	刃長 L1	有效長 L2	全長 L3	柄徑 D2
ULXR0605	6.0	5.8	0.5	6	18	75	6
ULXR0610	6.0	5.8	1.0	6	18	75	6
ULXR0805	8.0	7.8	0.5	8	24	100	8
ULXR0810	8.0	7.8	1.0	8	24	100	8
ULXR1005	10.0	9.6	0.5	10	30	100	10
ULXR1010	10.0	9.6	1.0	10	30	100	10
ULXR1020	10.0	9.6	2.0	10	30	100	10
ULXR1205	12.0	11.5	0.5	12	36	100	12
ULXR1210	12.0	11.5	1.0	12	36	100	12
ULXR1220	12.0	11.5	2.0	12	36	100	12
ULXR1610	16.0	15.5	1.0	16	40	150	16
ULXR1620	16.0	15.5	2.0	16	40	150	16

UER



極超微粒圓鼻角立銑刀
End Mills

Corner Radius



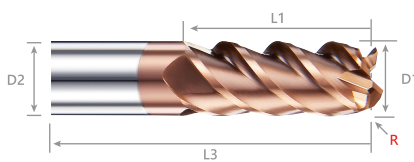
型號 Type NO.	直徑 D1	R角 R	刃長 L1	全長 L3	柄徑 D2
UER0202	2.0	0.2	6	50	4
UER0205	2.0	0.5	6	50	4
UER0302S	3.0	0.2	8	50	3
UER0305S	3.0	0.5	8	50	3
UER0402	4.0	0.2	10	50	4
UER0405	4.0	0.5	10	50	4
UER0505	5.0	0.5	13	50	6
UER0510	5.0	1.0	13	50	6
UER0605	6.0	0.5	16	50	6
UER0610	6.0	1.0	16	50	6
UER0805	8.0	0.5	20	60	8
UER0810	8.0	1.0	20	60	8
UER1005	10.0	0.5	30	75	10
UER1010	10.0	1.0	30	75	10
UER1020	10.0	2.0	30	75	10
UER1030	10.0	3.0	30	75	10
UER1210	12.0	1.0	30	75	12
UER1220	12.0	2.0	30	75	12
UER1230	12.0	3.0	30	75	12
UER1610	16.0	1.0	45	100	16
UER1620	16.0	2.0	45	100	16
UER1630	16.0	3.0	45	100	16

ULR



極超微粒圓鼻角立銑刀
End Mills

Corner Radius
Long Shank



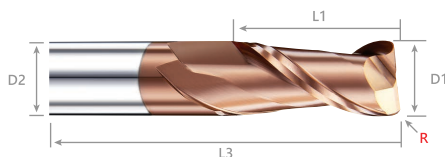
型號 Type NO.	直徑 D1	R角 R	刃長 L1	全長 L3	柄徑 D2
ULR0605	6.0	0.5	16	75	6
ULR0610	6.0	1.0	16	75	6
ULR0805	8.0	0.5	20	100	8
ULR0810	8.0	1.0	20	100	8
ULR1005	10.0	0.5	25	100	10
ULR1010	10.0	1.0	25	100	10
ULR1020	10.0	2.0	25	100	10
ULR1205	12.0	0.5	30	100	12
ULR1210	12.0	1.0	30	100	12
ULR1220	12.0	2.0	30	100	12
ULR1610	16.0	1.0	45	150	16
ULR1620	16.0	2.0	45	150	16

UKR



極超微粒圓鼻角立銑刀
End Mills

小尺寸
Small size



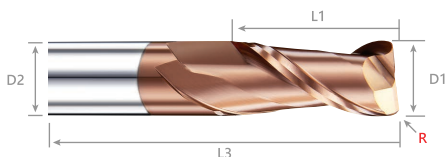
型號 Type NO.	直徑 D1	R角 R	刃長 L1	全長 L3	柄徑 D2
UKR0102	1.0	0.2	3	50	4
UKR0152	1.5	0.2	4	50	4
UKR0202	2.0	0.2	6	50	4
UKR0205	2.0	0.5	6	50	4
UKR0252	2.5	0.2	8	50	4
UKR0255	2.5	0.5	8	50	4
UKR0302	3.0	0.2	8	50	4
UKR0303	3.0	0.3	8	50	4
UKR0305	3.0	0.5	8	50	4
UKR0402	4.0	0.2	11	50	4
UKR0403	4.0	0.3	11	50	4
UKR0405	4.0	0.5	11	50	4
UKR0503	5.0	0.3	13	50	6
UKR0505	5.0	0.5	13	50	6

UKR



極超微粒圓鼻角立銑刀
End Mills

大尺寸
Large size



型號 Type NO.	直徑 D1	R角 R	刃長 L1	全長 L3	柄徑 D2
UKR0602	6.0	0.2	16	50	6
UKR0603	6.0	0.3	16	50	6
UKR0605	6.0	0.5	16	50	6
UKR0610	6.0	1.0	16	50	6
UKR0803	8.0	0.3	20	60	8
UKR0805	8.0	0.5	20	60	8
UKR0810	8.0	1.0	20	60	8
UKR1002	10.0	0.2	25	75	10
UKR1003	10.0	0.3	25	75	10
UKR1005	10.0	0.5	25	75	10
UKR1010	10.0	1.0	25	75	10
UKR1203	12.0	0.3	30	75	12
UKR1205	12.0	0.5	30	75	12
UKR1210	12.0	1.0	30	75	12
UKR1215	12.0	1.5	30	75	12
UKR1220	12.0	2.0	30	75	12

EXCHANGEABLE
HEAD
ENDMILL 2

HSC
&
HHC

HIGH
PERFORMANCE

UNEQUAL FLUTE
SPACING
VARIABLE HELIX
SERIES

MICRO DIAMETER
LONG NECK
SERIES

STANDARD SERIES

SOFT MATERIALS
SERIES

AEROSPACE TITANIUM
SERIES

STAINLESS STEEL
CUTTING SERIES

ECONOMY SERIES

CARBON STEEL
CUTTING SERIES

GRAPHITE CUTTING
SERIES

COMPOSITE
MATERIALS
CUTTING SERIES

CARBIDE DRILLS
SERIES

THREAD MILLING
TOOLS SERIES

THROW-AWAY
INSERT SERIES

UPR

Super
MG

0.2
μm

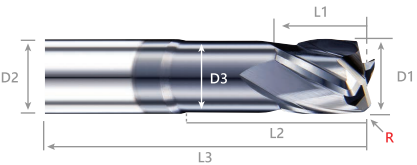
25°

HRc
➤65

G15

極超微粒圓鼻角立銑刀
End Mills

Corner Radius



型號 Type NO.	直徑 D1	頸徑 D3	R角 R	刃長 L1	有效長 L2	全長 L3	柄徑 D2
UPR0305	3.0	2.9	0.5	3	12	50	6
UPR0405	4.0	3.9	0.5	4	12	50	6
UPR0605	6.0	5.8	0.5	6	15	50	6
UPR0610	6.0	5.8	1.0	6	15	50	6
UPR0805	8.0	7.7	0.5	8	20	60	8
UPR0810	8.0	7.7	1.0	8	20	60	8
UPR1010	10.0	9.6	1.0	10	25	75	10
UPR1020	10.0	9.6	2.0	10	25	75	10
UPR1030	10.0	9.6	3.0	10	25	75	10
UPR1210	12.0	11.5	1.0	12	30	75	12
UPR1220	12.0	11.5	2.0	12	30	75	12

UGR

Super
MG

0.2
μm

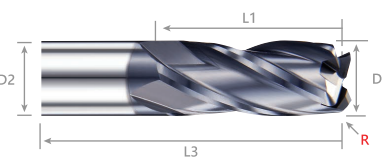
25°

HRc
➤65

G15

極超微粒圓鼻角立銑刀
End Mills

Corner Radius



型號 Type NO.	直徑 D1	R角 R	刃長 L1	全長 L3	柄徑 D2
UGR0202	2.0	0.2	6	50	6
UGR0205	2.0	0.5	6	50	6
UGR0302S	3.0	0.2	8	50	3
UGR0305S	3.0	0.5	8	50	3
UGR0402	4.0	0.2	10	50	6
UGR0405	4.0	0.5	10	50	6
UGR0505	5.0	0.5	13	50	6
UGR0510	5.0	1.0	13	50	6
UGR0605	6.0	0.5	16	50	6
UGR0610	6.0	1.0	16	50	6
UGR0805	8.0	0.5	20	60	8
UGR0810	8.0	1.0	20	60	8
UGR1005	10.0	0.5	25	75	10
UGR1010	10.0	1.0	25	75	10
UGR1020	10.0	2.0	25	75	10
UGR1030	10.0	3.0	25	75	10
UGR1210	12.0	1.0	30	75	12
UGR1220	12.0	2.0	30	75	12
UGR1230	12.0	3.0	30	75	12
UGR1610	16.0	1.0	45	100	16
UGR1620	16.0	2.0	45	100	16
UGR1630	16.0	3.0	45	100	16

UNR

Super
MG

0.4
μm

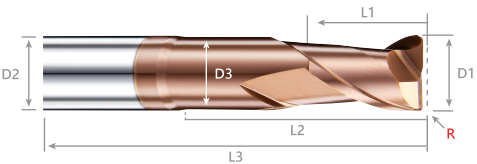
35°

HRc
➤60

G12

極超微粒圓鼻角立銑刀
End Mills

Corner Radius



型號 Type NO.	直徑 D1	頸徑 D3	R角 R	刃長 L1	有效長 L2	全長 L3	柄徑 D2
UNR0402	4.0	3.9	0.2	0.2	12	50	6
UNR0405	4.0	3.9	0.5	0.5	12	50	6
UNR0602	6.0	5.8	0.2	0.2	18	50	6
UNR0605	6.0	5.8	0.5	0.5	18	50	6
UNR0610	6.0	5.8	1.0	1.0	18	50	6
UNR0802	8.0	7.7	0.2	0.2	24	60	8
UNR0805	8.0	7.7	0.5	0.5	24	60	8
UNR0810	8.0	7.7	1.0	1.0	24	60	8
UNR1003	10.0	9.6	0.3	0.3	30	75	10
UNR1005	10.0	9.6	0.5	0.5	30	75	10
UNR1010	10.0	9.6	1.0	1.0	30	75	10
UNR1020	10.0	9.6	2.0	2.0	30	75	10
UNR1210	12.0	11.5	1.0	1.0	36	75	12
UNR1220	12.0	11.5	2.0	2.0	36	75	12
UNR1605	16.0	15.4	0.5	0.5	40	100	16
UNR1610	16.0	15.4	1.0	1.0	40	100	16

UHR

Super
MG

0.4
μm

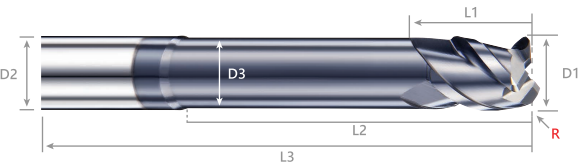
45°

HRc
➤60

G15

極超微粒圓鼻角立銑刀
End Mills

Corner Radius



型號 Type NO.	直徑 D1	頸徑 D3	R角 R	刃長 L1	有效長 L2	全長 L3	柄徑 D2
UHR0605	6.0	5.8	0.5	8	30	75	6
UHR0805	8.0	7.7	0.5	10	40	100	8
UHR1005	10.0	9.6	0.5	12	50	100	10
UHR1010	10.0	9.6	1.0	12	50	100	10
UHR1205	12.0	11.6	0.5	15	50	100	12
UHR1610	16.0	15.4	1.0	24	50	150	16

附註
Note

UHR此型號已停產，庫存售完不補
UHR model discontinued. No restock after sellout.

附註
Note

UNR此型號已停產，庫存售完不補
UNR model discontinued. No restock after sellout.

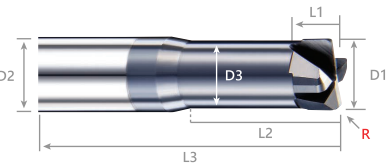
UOR



直刃圓鼻角立銑刀

End Mills

Corner Radius



型號 Type NO.	直徑 D1	頸徑 D3	R角 R	刃長 L1	有效長 L2	全長 L3	柄徑 D2
UOR0203	2.0	1.8	0.3	0.8	5	50	6
UOR0205	2.0	1.8	0.5	0.8	5	50	6
UOR0308	3.0	2.7	0.8	1.2	8	50	6
UOR0310	3.0	2.7	1.0	1.2	8	50	6
UOR0405	4.0	3.6	0.5	1.6	10	50	6
UOR0405L	4.0	3.6	0.5	1.6	10	75	6
UOR0410	4.0	3.6	1.0	1.6	10	50	6
UOR0410L	4.0	3.6	1.0	1.6	10	75	6
UOR0610	6.0	5.4	1.0	2.5	13	50	6
UOR0610M	6.0	5.4	1.0	2.5	13	75	6
UOR0610L	6.0	5.4	1.0	2.5	13	100	6
UOR0615	6.0	5.4	1.5	2.5	13	50	6
UOR0615M	6.0	5.4	1.5	2.5	13	75	6
UOR0615L	6.0	5.4	1.5	2.5	13	100	6
UOR0810	8.0	7.2	1.0	3.5	16	60	8
UOR0810L	8.0	7.2	1.0	3.5	16	100	8
UOR0820	8.0	7.2	2.0	3.5	16	60	8
UOR0820L	8.0	7.2	2.0	3.5	16	100	8
UOR1010	10.0	9.0	1.0	4.0	20	75	10
UOR1010L	10.0	9.0	1.0	4.0	20	100	10
UOR1020	10.0	9.0	2.0	4.0	20	75	10
UOR1020L	10.0	9.0	2.0	4.0	20	100	10
UOR1220	12.0	11.0	2.0	5.0	25	75	12
UOR1220L	12.0	11.0	2.0	5.0	25	100	12
UOR1230	12.0	11.0	3.0	5.0	25	75	12
UOR1230L	12.0	11.0	3.0	5.0	25	100	12

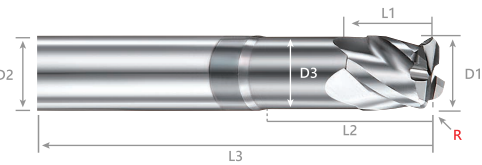
UEYR



高硬度用圓鼻角立銑刀

End Mills

Corner Radius



型號 Type NO.	直徑 D1	頸徑 D3	R角 R	刃長 L1	有效長 L2	全長 L3	柄徑 D2
UEYR0202	2.0	1.92	0.2	2.0	6	50	6
UEYR0205	2.0	1.92	0.5	2.0	6	50	6
UEYR0252	2.5	2.4	0.2	2.5	8	50	6
UEYR0255	2.5	2.4	0.5	2.5	8	50	6
UEYR0302	3.0	2.9	0.2	3.0	8	50	6
UEYR0305	3.0	2.9	0.5	3.0	8	50	6
UEYR0402	4.0	3.9	0.2	4.0	11	50	6
UEYR0403	4.0	3.9	0.3	4.0	11	50	6
UEYR0405	4.0	3.9	0.5	4.0	11	50	6
UEYR0602	6.0	5.8	0.2	6.0	16	50	6
UEYR0603	6.0	5.8	0.3	6.0	16	50	6
UEYR0605	6.0	5.8	0.5	6.0	16	50	6
UEYR0610	6.0	5.8	1.0	6.0	16	50	6
UEYR0615	6.0	5.8	1.5	6.0	16	50	6
UEYR0803	8.0	7.7	0.3	8.0	20	60	8
UEYR0805	8.0	7.7	0.5	8.0	20	60	8
UEYR0810	8.0	7.7	1.0	8.0	20	60	8
UEYR0820	8.0	7.7	2.0	8.0	20	60	8
UEYR1003	10.0	9.6	0.3	10.0	25	75	10
UEYR1005	10.0	9.6	0.5	10.0	25	75	10
UEYR1010	10.0	9.6	1.0	10.0	25	75	10
UEYR1020	10.0	9.6	2.0	10.0	25	75	10

UVR

Super MG

0.2 μm

45°

R

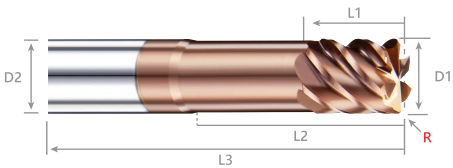
6 Flutes

HRC > 65

G12

高硬度用圓鼻立銑刀
End Mills

High Hardness



型號 Type NO.	直徑 D1	頸徑 D3	R角 R	刃長 L1	有效長 L2	全長 L3	柄徑 D2
UVR0606	6.0	5.8	0.3	8	20	50	6
UVR0806	8.0	7.7	0.3	10	25	60	8
UVR1006	10.0	9.6	0.5	12	30	75	10
UVR1206	12.0	11.5	0.5	15	36	75	12
UVR1606	16.0	15.4	1.0	24	40	100	16
UVR2006	20.0	19.4	1.0	30	50	100	20

UVTR

Super MG

0.2 μm

45°

R

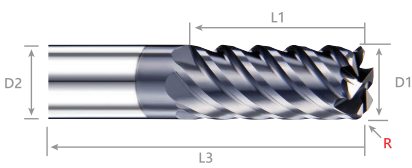
6 Flutes

HRC > 65

G15

高硬度用圓鼻立銑刀
End Mills

High Hardness



型號 Type NO.	直徑 D1	R角 R	刃長 L1	全長 L3	柄徑 D2
UVTR0605	6.0	0.5	16	50	6
UVTR0610	6.0	1.0	16	50	6
UVTR0805	8.0	0.5	20	60	8
UVTR0810	8.0	1.0	20	60	8
UVTR1010	10.0	1.0	25	75	10
UVTR1210	12.0	1.0	30	75	12
UVTR1610	16.0	1.0	40	100	16
UVTR1620	16.0	2.0	40	100	16
UVTR2020	20.0	2.0	45	100	20

UET 2T

Super MG

0.4 μm

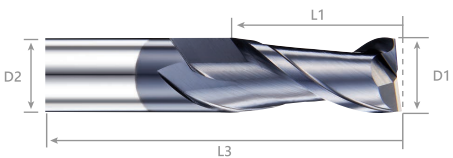
35°

2 Flutes

HRC > 60

G15

極超微粒立銑刀
End Mills



型號 Type NO.	直徑 D1	刃長 L1	全長 L3	柄徑 D2
UET0102S	1.0	3	50	3
UET0102	1.0	3	50	4
UET0152S	1.5	4	50	3
UET0152	1.5	4	50	4
UET0202S	2.0	6	50	3
UET0202	2.0	6	50	4
UET0302S	3.0	8	50	3
UET0302M	3.0	8	50	4
UET0302	3.0	8	50	6
UET0402M	4.0	11	50	4
UET0402	4.0	11	50	6
UET0502	5.0	13	50	6
UET0602	6.0	16	50	6
UET0802	8.0	20	60	8
UET1002	10.0	25	75	10
UET1202	12.0	30	75	12
UET1602	16.0	45	100	16

UET 4T

Super MG

0.4 μm

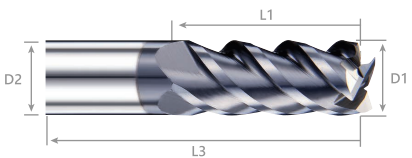
45°

4 Flutes

HRC > 60

G15

極超微粒立銑刀
End Mills

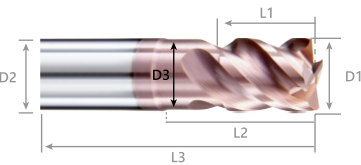


型號 Type NO.	直徑 D1	刃長 L1	全長 L3	柄徑 D2
UET0104	1.0	3	50	4
UET0154	1.5	4	50	4
UET0204	2.0	6	50	4
UET0304S	3.0	8	50	3
UET0304M	3.0	8	50	4
UET0304	3.0	8	50	6
UET0404S	4.0	11	50	4
UET0404	4.0	11	50	6
UET0504	5.0	13	50	6
UET0604	6.0	16	50	6
UET0804	8.0	20	60	8
UET1004	10.0	25	75	10
UET1204	12.0	30	75	12
UET1604	16.0	45	100	16
UET2004	20.0	45	100	20

UES



高硬度短刃立銑刀
End Mills



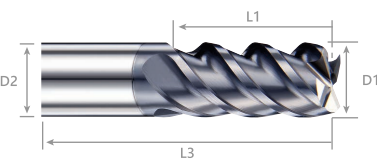
型號 Type NO.	直徑 D1	頸徑 D3	刃長 L1	有效長 L2	全長 L3	柄徑 D2
UES0604	6.0	5.8	8	13	50	6
UES0804	8.0	7.7	10	17	60	8
UES1004	10.0	9.6	12	22	75	10
UES1204	12.0	11.5	15	25	75	12

UEX



高硬度立銑刀
End Mills

High Hardness



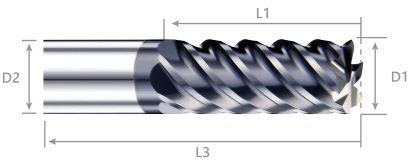
型號 Type NO.	直徑 D1	刃長 L1	全長 L3	柄徑 D2
UEX0104S	1.0	3	50	4
UEX0104	1.0	3	50	6
UEX0154S	1.5	4	50	4
UEX0154	1.5	4	50	6
UEX0204S	2.0	6	50	4
UEX0204	2.0	6	50	6
UEX0304S	3.0	8	50	4
UEX0304	3.0	8	50	6
UEX0404S	4.0	11	50	4
UEX0404	4.0	11	50	6
UEX0504	5.0	13	50	6
UEX0604	6.0	16	50	6
UEX0804	8.0	20	60	8
UEX1004	10.0	22	75	10
UEX1204	12.0	26	75	12
UEX1604	16.0	36	100	16
UEX2004	20.0	40	100	20

UVT



高硬度用立銑刀
End Mills

High Hardness



型號 Type NO.	直徑 D1	刃長 L1	全長 L3	柄徑 D2
UVT0606	6.0	16	50	6
UVT0606L	6.0	16	75	6
UVT0806	8.0	20	60	8
UVT0806L	8.0	20	100	8
UVT1006	10.0	25	75	10
UVT1006L	10.0	25	100	10
UVT1206	12.0	30	75	12
UVT1206L	12.0	30	100	12
UVT1606	16.0	40	100	16
UVT2006	20.0	45	100	20