QUALITY+

> http://www.endmill.com.tw

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  DHF Italia Srl
- **China** / Shanghai
  DHF Shanghai
- **Turkey** / Istanbul
  DHF Sert Kesici Takimlar

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Distributor

2007.07.

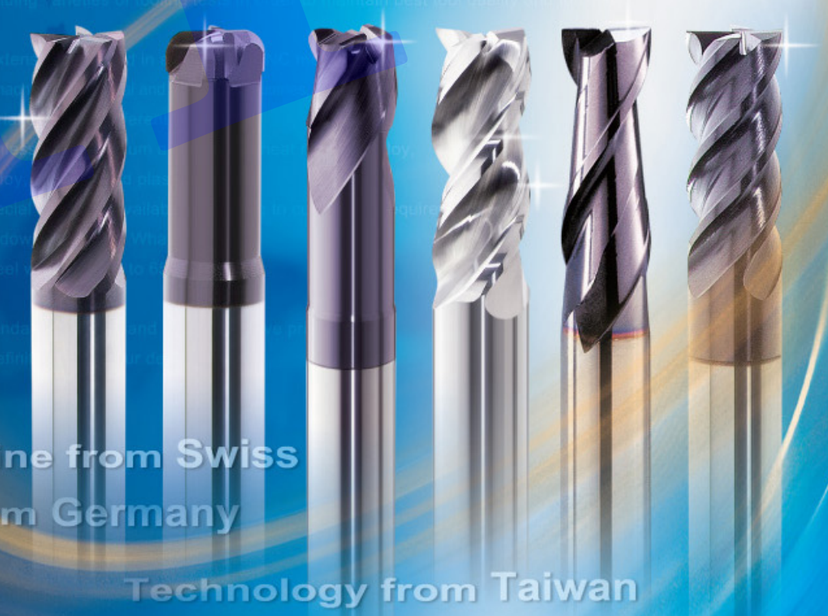
2007 Design . Honesty . Future

DHF

DHF is a professional cutting tool supplier, specializing in high rate cutting, high speed cutting and soft metal cutting Solid Carbide End Mill production and trade.
DHF supplies end mills made of the best material from Germany and grinding machines in modern CNC grinding machines from Switzerland "Reinecker" and "Walter".
DHF adopts the leading coating technology from "Balzers" and "Balinit".
as well as a mold making depth, providing varieties of coating to meet customer's requirements.

DHF Solid Carbide End Mills are extensively used in the
machining centers and special purpose machines.
the end mills can be applied to machining
steel, iron, cast iron, alloy steel, stainless steel, alloy,
hardened steel, copper, aluminum alloy, plastic, etc.
Besides standard product series, special
The smallest diameter can be made down to 0.1mm. With
DHF's tools can cut the hardened steel up to 65HRC.

With the outstanding quality, the abundant
DHF Solid Carbide End Mills will define



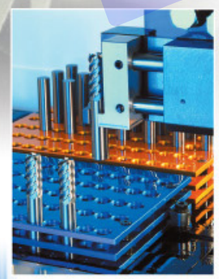
Machine from Swiss
Material from Germany
Technology from Taiwan

HIGH SPEED CUTTING

DHF is a professional cutting tool supplier, specializing in high hard cutting, high speed cutting and soft metal cutting **Solid Carbide End Mill** production and trade. DHF supplies end mills made of the best material from Germany and manufactured in modern CNC grinding machines from Switzerland "Rollomatic" and "Schneeberger". DHF adopts the leading coating technology from "Balzers" and also owns a superior tool design group, as well as a mold making dept., providing varieties of tooling tests in order to maintain best tool quality and tool life.

DHF Solid Carbide End Mills are extensively utilized in a variety of CNC machine tools, machining centers and special purpose machines. In normal and precision industries, the end mills can be applied to material cutting in different respects: steel, iron, cast iron, alloy steel, stainless steel, titanium alloy, nickel, heat resistant alloy, hardened steel, copper, aluminum alloy, plastics, and plastic fiber. Besides standard product series, special sizes are available according to customer's requirements. The smallest diameter can be made down to 0.2mm. What's more, DHF's tools can cut the hardened steel with HRC up to 65!

With the outstanding quality, the abundant inventory and the competitive price, **DHF Solid Carbide End Mills** will definitely meet your demands!



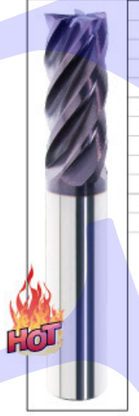
High Speed Cutting & High Hard Cutting

高速及高硬度切削用

UPW End Mills

Super MG | 0.4 µm | 35° | 5 Flutes | HRC ▸60 | G6 AlCrN

高效能立銑刀



Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
UPW0305	3.0	8	50	6
UPW0405	4.0	11	50	6
UPW0505	5.0	13	50	6
UPW0605	6.0	16	50	6
UPW0805	8.0	20	60	8
UPW1005	10.0	22	75	10
UPW1205	12.0	26	75	12
UPW1405	14.0	30	80	14
UPW1605	16.0	36	100	16
UPW1805	18.0	40	100	18
UPW2005	20.0	40	100	20
UPW2505	25.0	45	100	25

unit: mm

UPE End Mills Roughing

Super MG | 0.4 µm | 55° | 4 Flutes | HRC ▸60 | G6 AlCrN

高效能立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
UPE0304	3.0	8	50	6
UPE0404	4.0	11	50	6
UPE0504	5.0	13	50	6
UPE0604	6.0	16	50	6
UPE0804	8.0	20	60	8
UPE1004	10.0	22	75	10
UPE1204	12.0	26	75	12
UPE1404	14.0	30	80	14
UPE1604	16.0	36	100	16
UPE1804	18.0	40	100	18
UPE2004	20.0	40	100	20
UPE2504	25.0	45	100	25

unit: mm

UPER End Mills Roughing

Super MG | 0.4 µm | 35° | 4 Flutes | HRC ▸60 | G6 AlCrN

高效能圓鼻角立銑刀

Type No. 型號	Diameter 直徑	Corner R R 角	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
UPER0405	4.0	0.5	11	50	6
UPER0502	5.0	0.2	13	50	6
UPER0505	5.0	0.5	13	50	6
UPER0605	6.0	0.5	16	50	6
UPER0610	6.0	1.0	16	50	6
UPER0805	8.0	0.5	20	60	8
UPER0810	8.0	1.0	20	60	8
UPER1005	10.0	0.5	22	75	10
UPER1010	10.0	1.0	22	75	10
UPER1020	10.0	2.0	22	75	10
UPER1210	12.0	1.0	26	75	12
UPER1220	12.0	2.0	26	75	12
UPER1610	16.0	1.0	36	100	16
UPER1620	16.0	2.0	36	100	16
UPER2010	20.0	1.0	40	100	20
UPER2020	20.0	2.0	40	100	20

unit: mm

UPS End Mills Heavy Duty

Super MG | 0.4 µm | 45° | 4 Flutes | HRC ▸65 | G10

無敵高效能立銑刀

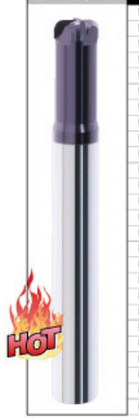
Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
UPS0304	3.0	8	50	6
UPS0304L	3.0	12	60	6
UPS0404	4.0	11	50	6
UPS0404L	4.0	16	60	6
UPS0504	5.0	13	50	6
UPS0604	6.0	16	50	6
UPS0604L	6.0	20	60	6
UPS0804	8.0	20	60	8
UPS0804L	8.0	25	75	8
UPS1004	10.0	22	75	10
UPS1004L	10.0	30	80	10
UPS1204	12.0	26	75	12
UPS1204L	12.0	35	100	12
UPS1604	16.0	40	100	16
UPS1604L	16.0	50	120	16
UPS1804	18.0	40	100	18
UPS2004	20.0	40	100	20
UPS2004L	20.0	50	120	20

unit: mm

UOR End Mills Roughing

Super MG | 0.4 µm | 0° | R | 4 Flutes | HRC ▸65 | X CEED

直刃圓鼻角立銑刀



Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Corner R R 角	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
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

UEX

End Mills High Hardened

無敵高效能立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
UEX0304	3.0	8	50	6
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

unit: mm

- 特殊負角設計，專門切削HRC50以上熱處理鋼材。
- 此款刀具不適用切削軟材質及韌性材質（如：不鏽鋼、銅、碳鋼）。

- The special negative top rake specializes in cutting the hardened steel with HRC above 50.
- This end mill is not suitable for cutting soft & tough material (Ex. stainless steel, copper, carbon steel).

HOT

UMB

Ball Nose End Mills Micro Diameter

微小徑圓頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
UMB0022	R0.1	0.4	50	4
UMB0032	R0.15	0.6	50	4
UMB0042	R0.2	0.8	50	4
UMB0052	R0.25	1.0	50	4
UMB0062	R0.3	1.2	50	4
UMB0072	R0.35	1.4	50	4
UMB0082	R0.4	1.6	50	4
UMB0102S	R0.5	2.0	50	3
UMB0102	R0.5	2.0	50	4
UMB0152S	R0.75	3.0	50	3
UMB0152	R0.75	3.0	50	4
UMB0202S	R1.0	4.0	50	3
UMB0202	R1.0	4.0	50	4
UMB0302S	R1.5	6.0	50	3
UMB0302	R1.5	6.0	50	4
UMB0402	R2.0	8.0	50	4

unit: mm

UNB

Ball Nose End Mills Long Neck

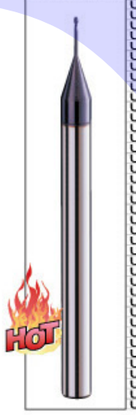
深溝用圓頭立銑刀

Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
UNB0502	R0.25	0.46	1.0	2	50	4
UNB0504	R0.25	0.46	1.0	4	50	4
UNB0506	R0.25	0.46	1.0	6	50	4
UNB0604	R0.3	0.56	1.2	4	50	4
UNB0606	R0.3	0.56	1.2	6	50	4
UNB0806	R0.4	0.76	1.2	6	50	4
UNB0808	R0.4	0.76	1.2	8	50	4
UNB1006	R0.5	0.95	1.5	6	50	4
UNB1008	R0.5	0.95	1.5	8	50	4
UNB1010	R0.5	0.95	1.5	10	50	4
UNB1012	R0.5	0.95	1.5	12	50	4
UNB1208	R0.6	1.15	2.0	8	50	4
UNB1212	R0.6	1.15	2.0	12	50	4
UNB1508	R0.75	1.45	2.0	8	50	4
UNB1512	R0.75	1.45	2.0	12	50	4
UNB1516	R0.75	1.45	2.0	16	50	4
UNB1520	R0.75	1.45	2.0	20	50	4
UNB1608	R0.8	1.54	2.5	8	50	4
UNB1612	R0.8	1.54	2.5	12	50	4
UNB1616	R0.8	1.54	2.5	16	50	4
UNB2008	R1.0	1.92	3.0	8	50	4
UNB2012	R1.0	1.92	3.0	12	50	4
UNB2016	R1.0	1.92	3.0	16	50	4
UNB2020	R1.0	1.92	3.0	20	50	4
UNB3008	R1.5	2.90	4.0	8	50	6
UNB3010	R1.5	2.90	4.0	10	50	6
UNB3016	R1.5	2.90	4.0	16	50	6
UNB3020	R1.5	2.90	4.0	20	60	6
UNB3025	R1.5	2.90	4.0	25	60	6
UNB4010	R2.0	3.88	5.0	10	75	6
UNB4015	R2.0	3.88	5.0	15	75	6
UNB4020	R2.0	3.88	5.0	20	75	6
UNB4025	R2.0	3.88	5.0	25	75	6
UNB4030	R2.0	3.88	5.0	30	75	6

UNBX

Ball Nose End Mills Long Neck

深溝用圓頭立銑刀



Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
UNBX0502	R0.25	0.46	1.0	2	50	4
UNBX0504	R0.25	0.46	1.0	4	50	4
UNBX0506	R0.25	0.46	1.0	6	50	4
UNBX0602	R0.3	0.56	1.0	2	50	4
UNBX0604	R0.3	0.56	1.0	4	50	4
UNBX0606	R0.3	0.56	1.0	6	50	4
UNBX0804	R0.4	0.76	1.2	4	50	4
UNBX0806	R0.4	0.76	1.2	6	50	4
UNBX0808	R0.4	0.76	1.2	8	50	4
UNBX1006	R0.5	0.95	1.5	6	50	4
UNBX1008	R0.5	0.95	1.5	8	50	4
UNBX1010	R0.5	0.95	1.5	10	50	4
UNBX1012	R0.5	0.95	1.5	12	50	4
UNBX1208	R0.6	1.15	2.0	8	50	4
UNBX1212	R0.6	1.15	2.0	12	50	4
UNBX1506	R0.75	1.45	2.0	6	50	4
UNBX1508	R0.75	1.45	2.0	8	50	4
UNBX1510	R0.75	1.45	2.0	10	50	4
UNBX1512	R0.75	1.45	2.0	12	50	4
UNBX1516	R0.75	1.45	2.0	16	50	4
UNBX1520	R0.75	1.45	2.0	20	50	4
UNBX1608	R0.8	1.54	2.5	8	50	4
UNBX1612	R0.8	1.54	2.5	12	50	4
UNBX1616	R0.8	1.54	2.5	16	50	4
UNBX2008	R1.0	1.92	3.0	8	50	4
UNBX2010	R1.0	1.92	3.0	10	50	4
UNBX2012	R1.0	1.92	3.0	12	50	4
UNBX2016	R1.0	1.92	3.0	16	50	4
UNBX2020	R1.0	1.92	3.0	20	50	4
UNBX3008	R1.5	2.90	4.0	8	50	6
UNBX3010	R1.5	2.90	4.0	10	50	6
UNBX3012	R1.5	2.90	4.0	12	50	6
UNBX3016	R1.5	2.90	4.0	16	50	6
UNBX3020	R1.5	2.90	4.0	20	60	6
UNBX3025	R1.5	2.90	4.0	25	60	6
UNBX4010	R2.0	3.90	5.0	10	75	6
UNBX4015	R2.0	3.90	5.0	15	75	6
UNBX4020	R2.0	3.90	5.0	20	75	6
UNBX4025	R2.0	3.90	5.0	25	75	6
UNBX4030	R2.0	3.90	5.0	30	75	6

HOT

UB

Ball Nose End Mills

極超微粒圓頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
UB0102	R0.5	2	50	4
UB0152	R0.75	3	50	4
UB0202	R1	4	50	6
UB0302	R1.5	6	50	6
UB0402	R2	8	50	6
UB0502	R2.5	10	50	6
UB0602	R3	12	50	6
UB0802	R4	16	60	8
UB1002	R5	20	75	10
UB1202	R6	24	75	12
UB1602	R8	32	100	16

unit: mm

UBG

Ball Nose End Mills

極超微粒圓頭立銑刀

New Design!

HOT

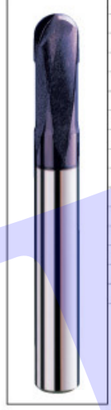
Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
UBG0102	R0.5	2	50	4
UBG0152	R0.75	3	50	4
UBG0202	R1	4	50	4
UBG0302	R1.5	6	50	4
UBG0402	R2	8	50	4
UBG0502	R2.5	10	50	6
UBG0602	R3	12	50	6
UBG0802	R4	16	60	8
UBG1002	R5	20	75	10
UBG1202	R6	24	75	12
UBG1602	R8	32	100	16

unit: mm

UOB

Ball Nose End Mills

直刃圓頭立銑刀



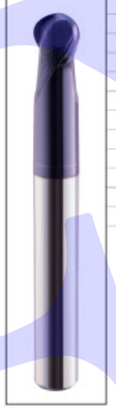
Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
UOB0102	R0.5	0.95	1	3	50	4
UOB0152	R0.75	1.44	2	5	50	4
UOB0202	R1	1.92	3	6	50	6
UOB0302S	R1.5	2.90	4	8	50	4
UOB0302	R1.5	2.90	4	8	50	6
UOB0302L	R1.5	2.90	4	8	75	6
UOB0402S	R2	3.90	5	10	50	4
UOB0402	R2	3.90	5	10	50	6
UOB0402L	R2	3.90	5	10	75	6
UOB0602	R3	5.80	6	12	50	6
UOB0602M	R3	5.80	6	12	75	6
UOB0602L	R3	5.80	6	16	100	6
UOB0802	R4	7.70	8	16	60	8
UOB0802L	R4	7.70	8	25	100	8
UOB1002	R5	9.60	10	20	75	10
UOB1002L	R5	9.60	10	30	100	10

unit: mm

UQB

Ball Nose End Mills

長柄圓頭立銑刀



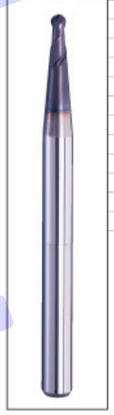
Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
UQB0102	R0.5	0.95	1	2.5	50	4
UQB0152	R0.75	1.45	1	3	50	4
UQB0202	R1	1.92	1.5	5	50	4
UQB0302S	R1.5	2.90	2	8	50	4
UQB0302	R1.5	2.90	2	8	50	6
UQB0402S	R2	3.90	4	10	50	4
UQB0402	R2	3.90	4	10	50	6
UQB0502	R2.5	4.80	5	13	50	6
UQB0602	R3	5.80	6	15	50	6
UQB0802	R4	7.70	8	20	60	8
UQB1002	R5	9.60	10	25	75	10
UQB1202	R6	11.5	12	30	75	12

unit: mm

UPB

Ball Nose End Mills Strong Power

斜槽圓頭立銑刀



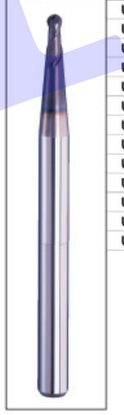
Type No. 型號	Diameter 直徑	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑	Taper Angle 斜度
UPB0205	R1	3	60	100	6	0.5°
UPB0210	R1	3	60	100	6	1°
UPB0215	R1	3	60	100	6	1.5°
UPB0220	R1	3	57	100	6	2°
UPB0305	R1.5	4	60	100	6	0.5°
UPB0310	R1.5	4	60	100	6	1°
UPB0315	R1.5	4	57	100	6	1.5°
UPB0320	R1.5	4	43	100	6	2°
UPB0405	R2	5	60	100	6	0.5°
UPB0410	R2	5	57	100	6	1°
UPB0415	R2	5	38	100	6	1.5°
UPB0420	R2	5	29	100	6	2°

unit: mm

USB

Ball Nose End Mills Strong Power

斜槽圓頭立銑刀



Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑	Taper Angle 斜角
USB0203	R1	4	75	6	3°
USB0205	R1	4	75	6	5°
USB0315	R1.5	6	100	6	1.5°
USB0303	R1.5	6	75	6	3°
USB0305	R1.5	6	75	6	5°
USB0415	R2	8	100	6	1.5°
USB0403	R2	8	100	6	3°
USB0405	R2	8	75	6	5°
USB0615	R3	12	100	8	1.5°
USB0603	R3	12	75	8	3°
USB0605	R3	12	100	8	5°
USB0603B	R3	12	100	10	3°
USB0605B	R3	12	100	10	5°

unit: mm

UBT

Ball Nose End Mills

極超微粒圓頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
UBT0102	R0.5	2	50	4
UBT0152	R0.75	3	50	4
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

unit: mm

UBX

Ball Nose End Mills

極超微粒圓頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
UBX0102	R0.5	2	50	6
UBX0152	R0.75	3	50	6
UBX0202	R1	4	50	6
UBX0302	R1.5	6	50	6
UBX0402	R2	8	50	6
UBX0602	R3	12	50	6
UBX0802	R4	16	60	8
UBX1002	R5	20	75	10
UBX1202	R6	24	75	12
UBX1602	R8	32	100	16

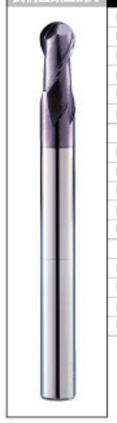
unit: mm

UHB,UIB,UJB

Super MG | 0.4 μm | 30° | 2 Flutes | HRC ▸65 | TOP TiaLN | S S type

Ball Nose End Mills Long Shank

長柄圓頭立銑刀



Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
UHB0202	R1	4	75	6
UHB0302	R1.5	6	75	6
UHB0402	R2	8	75	6
UHB0502	R2.5	10	75	6
UHB0602	R3	12	75	6
UHB0802	R4	16	75	8
UIB0402	R2	8	100	6
UIB0602	R3	12	100	6
UIB0802	R4	16	100	8
UIB1002	R5	20	100	10
UIB1202	R6	24	100	12
UJB1002	R5	20	150	10
UJB1202	R6	24	150	12
UJB1602	R8	32	150	16
UJB2002	R10	40	150	20

unit: mm

UHBG,UIBG

Super MG | 0.4 μm | 30° | 2 Flutes | HRC ▸60 | G10

Ball Nose End Mills Long Shank

長柄圓頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
UHBG0202	R1	4	75	6
UHBG0302	R1.5	6	75	6
UHBG0402	R2	8	75	6
UHBG0502	R2.5	10	75	6
UHBG0602	R3	12	75	6
UHBG0802	R4	16	75	8
UIBG0402	R2	8	100	6
UIBG0602	R3	12	100	6
UIBG0802	R4	16	100	8
UIBG1002	R5	20	100	10
UIBG1202	R6	24	100	12

unit: mm

UHBT,UIBT,UJBT

Super MG | 0.2 μm | 30° | 2 Flutes | HRC ▸65 | X CEED

Ball Nose End Mills Long Shank

長柄圓頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
UHBT0302	R1.5	6	75	6
UHBT0402	R2	8	75	6
UHBT0502	R2.5	10	75	6
UHBT0602	R3	12	75	6
UHBT0802	R4	16	75	8
UIBT0602	R3	12	100	6
UIBT0802	R4	16	100	8
UIBT1002	R5	20	100	10
UIBT1202	R6	24	100	12
UIBT1602	R8	32	100	16
UJBT1002	R5	20	150	10
UJBT1202	R6	24	150	12
UJBT1602	R8	32	200	16
UJBT2002	R10	40	200	20

unit: mm

UHBX,UIBX,UJBX

Super MG | 0.2 μm | 30° | 2 Flutes | HRC ▸65 | X CEED | S S type

Ball Nose End Mills Long Shank

長柄圓頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
UHBX0302	R1.5	6	75	6
UHBX0402	R2	8	75	6
UHBX0502	R2.5	10	75	6
UHBX0602	R3	12	75	6
UHBX0802	R4	16	75	8
UIBX0602	R3	12	100	6
UIBX0802	R4	16	100	8
UIBX1002	R5	20	100	10
UIBX1202	R6	24	100	12
UIBX1602	R8	32	100	16
UJBX1002	R5	20	150	10
UJBX1202	R6	24	150	12
UJBX1602	R8	32	200	16
UJBX2002	R10	40	200	20

unit: mm

UET

Super MG | 0.4 μm | 35° | 2 Flutes | HRC ▸60 | X CEED

End Mills

極超微粒立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
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
UET0302	3.0	8	50	6
UET0402S	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

unit: mm

UET

Super MG | 0.4 μm | 45° | 4 Flutes | HRC ▸60 | X CEED

End Mills

極超微粒立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
UET0104	1.0	3	50	4
UET0154	1.5	4	50	4
UET0204	2.0	6	50	4
UET0304S	3.0	8	50	3
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

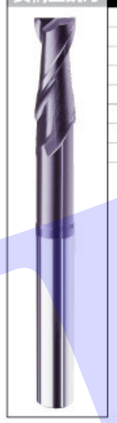
unit: mm

ULE

Super MG | 0.4 μm | 35° | 2 Flutes | HRC ▸60 | TOP TiaLN

End Mills

長柄立銑刀



Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
ULE0602	6.0	5.8	16	40	100	6
ULE0602X	6.0	5.8	16	40	150	6
ULE0802	8.0	7.7	20	50	100	8
ULE0802X	8.0	7.7	20	50	150	8
ULE1002	10.0	9.6	25	50	100	10
ULE1002X	10.0	9.6	25	50	150	10
ULE1202	12.0	11.5	30	50	100	12
ULE1202X	12.0	11.5	30	50	150	12

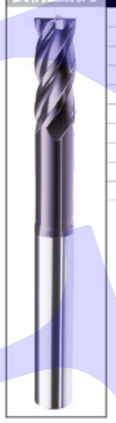
unit: mm

ULE

Super MG | 0.4 μm | 35° | 4 Flutes | HRC ▸60 | TOP TiaLN

End Mills

長柄立銑刀



Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
ULE0604	6.0	5.8	16	40	100	6
ULE0604X	6.0	5.8	13	40	150	6
ULE0804	8.0	7.7	20	50	100	8
ULE0804X	8.0	7.7	20	50	150	8
ULE1004	10.0	9.6	25	50	100	10
ULE1004X	10.0	9.6	25	50	150	10
ULE1204	12.0	11.5	30	50	100	12
ULE1204X	12.0	11.5	30	50	150	12
ULE1604X	16.0	15.5	40	65	150	16
ULE2004X	20.0	19.0	45	70	150	20

unit: mm

UKR

Super MG | 0.4 μm | 35° | R | 2 Flutes | HRC ▸65 | TOP TiaLN

End Mills Corner Radius

圓鼻角立銑刀

Type No. 型號	Diameter 直徑	Corner R R 角	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
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
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

UER

Super MG | 0.4 μm | 45° | R | 4 Flutes | HRC ▸65 | TOP TiaLN

End Mills Corner Radius

圓鼻角立銑刀

Type No. 型號	Diameter 直徑	Corner R R 角	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
UER0305	3.0	0.5	8	50	3
UER0405	4.0	0.5	10	50	6
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

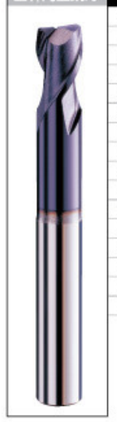
unit: mm

UNR

Super MG | 0.4 μm | 35° | R | 2 Flutes | HRC ▸65 | TOP TiaLN

End Mills Corner Radius

圓鼻角立銑刀



Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Corner R R 角	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
UNR0402	4.0	3.9	0.2	6	12	50	6
UNR0405	4.0	3.9	0.5	6	12	50	6
UNR0602	6.0	5.8	0.2	8	18	50	6
UNR0605	6.0	5.8	0.5	8	18	50	6
UNR0610	6.0	5.8	1.0	8	18	50	6
UNR0802	8.0	7.7	0.2	10	24	60	8
UNR0805	8.0	7.7	0.5	10	24	60	8
UNR0810	8.0	7.7	1.0	10	24	60	8
UNR1003	10.0	9.6	0.3	12	30	75	10
UNR1005	10.0	9.6	0.5	12	30	75	10
UNR1010	10.0	9.6	1.0	12	30	75	10
UNR1020	10.0	9.6	2.0	12	30	75	10
UNR1210	12.0	11.5	1.0	15	36	75	12
UNR1220	12.0	11.5	2.0	15	36	75	12
UNR1605	16.0	15.4	0.5	24	40	100	16
UNR1610	16.0	15.4	1.0	24	40	100	16

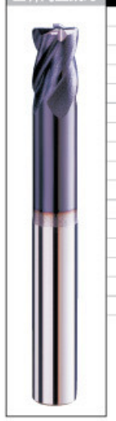
unit: mm

UXR

Super MG | 0.4 μm | 35° | R | 4 Flutes | HRC ▸65 | TOP TiaLN

End Mills Corner Radius

圓鼻角立銑刀



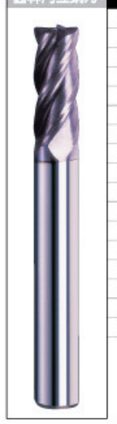
Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Corner R R 角	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
UXR0403	4.0	3.9	0.3	6	12	50	6
UXR0405	4.0	3.9	0.5	6	12	50	6
UXR0603	6.0	5.8	0.3	8	18	50	6
UXR0605	6.0	5.8	0.5	8	18	50	6
UXR0610	6.0	5.8	1.0	8	18	50	6
UXR0803	8.0	7.7	0.3	10	24	60	8
UXR0805	8.0	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

unit: mm

UGR

End Mills Corner Radius

圓鼻角立銑刀



Type No. 型號	Diameter 直徑	Corner R R 角	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
UGR0305	3.0	0.5	8	50	3
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
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

unit: mm

UPR

End Mills Corner Radius

圓鼻角立銑刀

Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Corner R R 角	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
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

unit: mm

ULXR

End Mills Corner Radius

圓鼻角立銑刀

Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Corner R R 角	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
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

unit: mm

ULR

End Mills Corner Radius

圓鼻角立銑刀

Type No. 型號	Diameter 直徑	Corner R R 角	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
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

unit: mm

UNER

End Mills Long Neck . Corner Radius

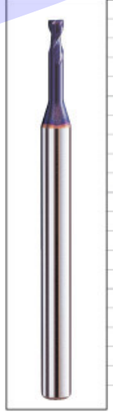
深溝用圓鼻立銑刀

Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Corner R R 角	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
UNER1006	1.0	0.95	0.2	1.5	6	50	4
UNER1008	1.0	0.95	0.2	1.5	8	50	4
UNER1010	1.0	0.95	0.2	1.5	10	50	4
UNER1012	1.0	0.95	0.2	1.5	12	50	4
UNER1508	1.5	1.44	0.2	2	8	50	4
UNER1510	1.5	1.44	0.2	2	10	50	4
UNER1512	1.5	1.44	0.2	2	12	50	4
UNER1516	1.5	1.44	0.2	2	16	50	4
UNER2008	2.0	1.92	0.2	3	8	50	4
UNER2010	2.0	1.92	0.2	3	10	50	4
UNER2012	2.0	1.92	0.2	3	12	50	4
UNER2016	2.0	1.92	0.2	3	16	50	4
UNER2020	2.0	1.92	0.2	3	20	50	4
UNER2510	2.5	2.40	0.2	3	10	50	4
UNER2512	2.5	2.40	0.2	3	12	50	4
UNER2516	2.5	2.40	0.2	3	16	50	4
UNER2520	2.5	2.40	0.2	3	20	50	4
UNER3010	3.0	2.90	0.2	4	10	50	6
UNER3012	3.0	2.90	0.2	4	12	50	6
UNER3016	3.0	2.90	0.2	4	16	50	6
UNER3020	3.0	2.90	0.2	4	20	60	6
UNER3025	3.0	2.90	0.2	4	25	60	6

UNE

End Mills Long Neck . Corner Radius

深溝用圓鼻立銑刀



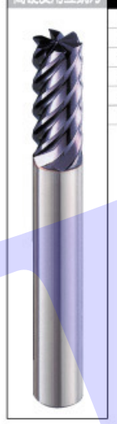
Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Corner R R 角	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
UNE1004	1.0	0.95	0.1	1.5	4	50	6
UNE1006	1.0	0.95	0.1	1.5	6	50	6
UNE1008	1.0	0.95	0.1	1.5	8	50	6
UNE1010	1.0	0.95	0.1	1.5	10	50	6
UNE1012	1.0	0.95	0.1	1.5	12	50	6
UNE1504	1.5	1.44	0.1	1.5	4	50	6
UNE1508	1.5	1.44	0.1	1.5	8	50	6
UNE1510	1.5	1.44	0.1	1.5	10	50	6
UNE1512	1.5	1.44	0.1	1.5	12	50	6
UNE2008	2.0	1.92	0.2	2	8	50	6
UNE2010	2.0	1.92	0.2	2	10	50	6
UNE2012	2.0	1.92	0.2	2	12	50	6
UNE2016	2.0	1.92	0.2	2	16	50	6
UNE3008	3.0	2.90	0.2	3	8	50	6
UNE3012	3.0	2.90	0.2	3	12	50	6
UNE3016	3.0	2.90	0.2	3	16	50	6
UNE3020	3.0	2.90	0.2	3	20	50	6
UNE4010	4.0	3.88	0.2	4	10	50	6
UNE4016	4.0	3.88	0.2	4	16	50	6
UNE4020	4.0	3.88	0.2	4	20	60	6

unit: mm

UVT

End Mills High Hardness

高硬度用立銑刀



Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
UVT0606	6.0	16	50	6
UVT0806	8.0	20	60	8
UVT1006	10.0	25	75	10
UVT1206	12.0	30	75	12
UVT1606	16.0	40	100	16
UVT2006	20.0	45	100	20

unit: mm

UVTR

End Mills High Hardness

高硬度圓鼻立銑刀

Type No. 型號	Diameter 直徑	Corner R R 角	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
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

unit: mm

UVR

End Mills High Hardness

高硬度圓鼻立銑刀

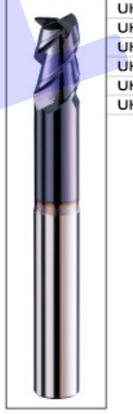
Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Corner R R 角	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
UVR0606	6.0	5.8	0.3	8	20	50	6
UVR0806	8.0	7.7	0.3	10	25	60	8
UVR1006	10.0	9.6	0.5	12	30	75	10
UVR1206	12.0	11.5	0.5	15	36	75	12
UVR1606	16.0	15.4	1.0	24	40	100	16
UVR2006	20.0	19.4	1.0	30	50	100	20

unit: mm

UHR

End Mills

極超微粒立銑刀



Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Corner R R 角	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
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	11.6	1.0	24	50	150	16

unit: mm

UDE

End Mills Long Neck

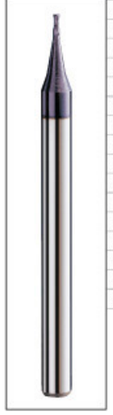
深溝用立銑刀

Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
UDE0502	0.5	0.46	1	2	50	4
UDE0504	0.5	0.46	1	4	50	4
UDE0506	0.5	0.46	1	6	50	4
UDE1006	1.0	0.95	1.5	6	50	4
UDE1008	1.0	0.95	1.5	8	50	4
UDE1010	1.0	0.95	1.5	10	50	4
UDE1012	1.0	0.95	1.5	12	50	4
UDE1508	1.5	1.44	2	8	50	4
UDE1510	1.5	1.44	2	10	50	4
UDE1512	1.5	1.44	2	12	50	4
UDE1516	1.5	1.44	2	16	50	4
UDE2008	2.0	1.92	3	8	50	4
UDE2010	2.0	1.92	3	10	50	4
UDE2012	2.0	1.92	3	12	50	4
UDE2016	2.0	1.92	3	16	50	4
UDE2020	2.0	1.92	3	20	50	4
UDE2510	2.5	2.40	3	10	50	4
UDE2512	2.5	2.40	3	12	50	4
UDE2516	2.5	2.40	3	16	50	4
UDE2520	2.5	2.40	3	20	50	4
UDE3010	3.0	2.90	4	10	50	6
UDE3012	3.0	2.90	4	12	50	6
UDE3016	3.0	2.90	4	16	50	6
UDE3020	3.0	2.90	4	20	60	6
UDE3025	3.0	2.90	4	25	60	6

UME

End Mills Micro Diameter

微小徑立銑刀



Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
UME0022	0.2	0.4	50	4
UME0032	0.3	0.6	50	4
UME0042	0.4	0.8	50	4
UME0052	0.5	1.0	50	4
UME0062	0.6	1.2	50	4
UME0072	0.7	1.4	50	4
UME0082	0.8	1.6	50	4
UME0102	1.0	2.5	50	4
UME0122	1.2	3.0	50	4
UME0152	1.5	4.0	50	4
UME0162	1.6	4.0	50	4
UME0182	1.8	5.0	50	4
UME0202	2.0	6.0	50	4
UME0252	2.5	8.0	50	4
UME0302	3.0	8.0	50	4
UME0402	4.0	11.0	50	4

unit: mm

UYR End Mills Corner Radius

Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Corner R R 角	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
UYR0405	4.0	3.9	0.5	4	12	50	6
UYR0505	5.0	4.8	0.5	5	15	50	6
UYR0510	5.0	4.8	1.0	5	15	50	6
UYR0605	6.0	5.8	0.5	6	18	50	6
UYR0610	6.0	5.8	1.0	6	18	50	6
UYR0805	8.0	7.7	0.5	8	24	60	8
UYR0810	8.0	7.7	1.0	8	24	60	8
UYR1005	10.0	9.6	0.5	10	30	75	10
UYR1010	10.0	9.6	1.0	10	30	75	10
UYR1020	10.0	9.6	2.0	10	30	75	10
UYR1030	10.0	9.6	3.0	10	30	75	10
UYR1210	12.0	11.5	1.0	12	30	75	12
UYR1220	12.0	11.5	2.0	12	30	75	12
UYR1230	12.0	11.5	3.0	12	30	75	12
UYR1610	16.0	15.4	1.0	16	40	100	16
UYR1620	16.0	15.4	2.0	16	40	100	16
UYR1630	16.0	15.4	3.0	16	40	100	16

unit: mm

Ball Nose End Mills Series

圓頭立銑刀系列

UZR End Mills Corner Radius

Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Corner R R 角	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
UZR0405	4.0	3.9	0.5	10	12	50	6
UZR0505	5.0	4.8	0.5	13	15	50	6
UZR0510	5.0	4.8	1.0	13	15	50	6
UZR0605	6.0	5.8	0.5	16	18	50	6
UZR0610	6.0	5.8	1.0	16	18	50	6
UZR0805	8.0	7.7	0.5	20	24	60	8
UZR0810	8.0	7.7	1.0	20	24	60	8
UZR1005	10.0	9.6	0.5	10	30	75	10
UZR1010	10.0	9.6	1.0	10	30	75	10
UZR1020	10.0	9.6	2.0	10	30	75	10
UZR1030	10.0	9.6	3.0	10	30	75	10
UZR1210	12.0	11.5	1.0	12	30	75	12
UZR1220	12.0	11.5	2.0	12	30	75	12
UZR1230	12.0	11.5	3.0	12	30	75	12
UZR1610	16.0	15.4	1.0	16	40	100	16
UZR1620	16.0	15.4	2.0	16	40	100	16
UZR1630	16.0	15.4	3.0	16	40	100	16

unit: mm

BTS Ball Nose End Mills Small Shank

小柄徑圓頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
BTS0102	R0.5	2	50	3
BTS0152	R0.75	3	50	3
BTS0202	R1.0	4	50	3
BTS0252	R1.25	5	50	3
BTS0312	R1.5	6	50	3
BTS0322	R1.5	6	75	3
BTS0332	R1.5	6	100	3
BTS0422	R2.0	8	75	4
BTS0432	R2.0	8	100	4

unit: mm

MSB Ball Nose End Mills Micro Diameter

微小徑圓頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
MSB0032	R0.15	0.6	50	3
MSB0042	R0.2	0.8	50	3
MSB0052	R0.25	1.0	50	3
MSB0062	R0.3	1.2	50	3
MSB0072	R0.35	1.4	50	3
MSB0082	R0.4	1.6	50	3
MSB0102	R0.5	2.0	50	3
MSB0122	R0.6	2.4	50	3
MSB0142	R0.7	2.8	50	3
MSB0152	R0.75	3.0	50	3
MSB0162	R0.8	3.2	50	3
MSB0182	R0.9	3.6	50	3
MSB0202	R1.0	4.0	50	3
MSB0302	R1.5	6.0	50	3

unit: mm

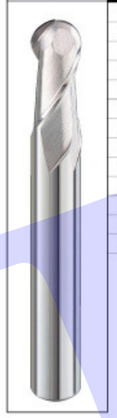
MBTA Ball Nose End Mills Micro Diameter

微小徑圓頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
MBTA0032	R0.15	0.6	50	4
MBTA0042	R0.2	0.8	50	4
MBTA0052	R0.25	1.0	50	4
MBTA0062	R0.3	1.2	50	4
MBTA0072	R0.35	1.4	50	4
MBTA0082	R0.4	1.6	50	4
MBTA0102	R0.5	2.0	50	4
MBTA0122	R0.6	2.4	50	4
MBTA0142	R0.7	2.8	50	4
MBTA0152	R0.75	3.0	50	4
MBTA0162	R0.8	3.2	50	4
MBTA0182	R0.9	3.6	50	4
MBTA0202	R1.0	4.0	50	4

unit: mm

BT Ball Nose End Mills

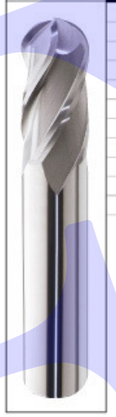


超微粒圓頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
BT0102	R0.5	2	50	4
BT0152	R0.75	3	50	4
BT0202	R1	4	50	4
BT0252	R1.25	5	50	4
BT0302	R1.5	6	50	4
BT0402	R2	8	50	4
BT0502	R2.5	10	50	6
BT0602	R3	12	50	6
BT0802	R4	16	60	8
BT1002	R5	20	75	10
BT1202	R6	24	75	12
BT1602	R8	32	100	16
BT2002	R10	40	100	20

unit: mm

BT Ball Nose End Mills



超微粒圓頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
BT0104	R0.5	2	50	4
BT0154	R0.75	3	50	4
BT0204	R1	4	50	4
BT0304	R1.5	6	50	4
BT0404	R2	8	50	4
BT0504	R2.5	10	50	6
BT0604	R3	12	50	6
BT0804	R4	16	60	8
BT1004	R5	20	75	10
BT1204	R6	24	75	12
BT1604	R8	32	100	16

unit: mm

BTA Ball Nose End Mills

超微粒圓頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
BTA0102	R0.5	2	50	4
BTA0152	R0.75	3	50	4
BTA0202	R1	4	50	4
BTA0252	R1.25	5	50	4
BTA0302	R1.5	6	50	4
BTA0402	R2	8	50	4
BTA0502	R2.5	10	50	6
BTA0602	R3	12	50	6
BTA0802	R4	16	60	8
BTA1002	R5	20	75	10
BTA1202	R6	24	75	12
BTA1602	R8	32	100	16
BTA2002	R10	40	100	20

unit: mm

BTB Ball Nose End Mills

超微粒圓頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
BTB0102	R0.5	2	50	6
BTB0152	R0.75	3	50	6
BTB0202	R1	4	50	6
BTB0252	R1.25	5	50	6
BTB0302	R1.5	6	50	6
BTB0402	R2	8	50	6
BTB0502	R2.5	10	50	6
BTB0602	R3	12	50	6
BTB0802	R4	16	60	8
BTB1002	R5	20	75	10
BTB1202	R6	24	75	12
BTB1602	R8	32	100	16
BTB2002	R10	40	100	20

unit: mm

BTA Ball Nose End Mills

超微粒圓頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
BTA0104	R0.5	2	50	4
BTA0154	R0.75	3	50	4
BTA0204	R1	4	50	4
BTA0304	R1.5	6	50	4
BTA0404	R2	8	50	4
BTA0504	R2.5	10	50	6
BTA0604	R3	12	50	6
BTA0804	R4	16	60	8
BTA1004	R5	20	75	10
BTA1204	R6	24	75	12
BTA1604	R8	32	100	16

unit: mm

BTB Ball Nose End Mills

超微粒圓頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
BTB0204	R1	4	50	6
BTB0304	R1.5	6	50	6
BTB0404	R2	8	50	6
BTB0504	R2.5	10	50	6
BTB0604	R3	12	50	6
BTB0804	R4	16	60	8
BTB1004	R5	20	75	10
BTB1204	R6	24	75	12
BTB1604	R8	32	100	16

unit: mm

SB

Ball Nose End Mills Small Shank

小柄徑圓頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
SB0102	R0.5	2	50	3
SB0152	R0.75	3	50	3
SB0202	R1.0	4	50	3
SB0252	R1.25	5	50	3
SB0312	R1.5	6	50	3
SB0322	R1.5	6	75	3
SB0332	R1.5	6	100	3
SB0422	R2.0	8	75	4
SB0432	R2.0	8	100	4

unit: mm

End Mills Series

立銑刀系列

MB

Ball Nose End Mills Micro Diameter

微小徑圓頭立銑刀

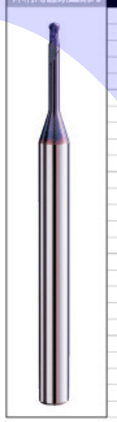
Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
MB0032	R0.15	0.6	50	4
MB0042	R0.2	0.8	50	4
MB0052	R0.25	1.0	50	4
MB0062	R0.3	1.2	50	4
MB0072	R0.35	1.4	50	4
MB0082	R0.4	1.6	50	4
MB0102	R0.5	2.0	50	4
MB0122	R0.6	2.4	50	4
MB0142	R0.7	2.8	50	4
MB0152	R0.75	3.0	50	4
MB0162	R0.8	3.2	50	4
MB0182	R0.9	3.6	50	4
MB0202	R1.0	4.0	50	4

unit: mm

LNB

Ball Nose End Mills Long Neck

深溝用圓頭立銑刀

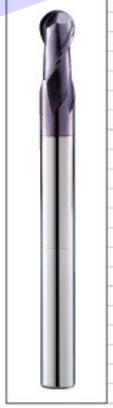


Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
LNB1006	R0.5	0.95	1.5	6	50	4
LNB1008	R0.5	0.95	1.5	8	50	4
LNB1010	R0.5	0.95	1.5	10	50	4
LNB1012	R0.5	0.95	1.5	12	50	4
LNB1508	R0.75	1.45	2	8	50	4
LNB1510	R0.75	1.45	2	10	50	4
LNB1512	R0.75	1.45	2	12	50	4
LNB1516	R0.75	1.45	2	16	50	4
LNB1520	R0.75	1.45	2	20	50	4
LNB2008	R1.0	1.92	3	8	50	4
LNB2010	R1.0	1.92	3	10	50	4
LNB2012	R1.0	1.92	3	12	50	4
LNB2016	R1.0	1.92	3	16	50	4
LNB2020	R1.0	1.92	3	20	50	4
LNB3008	R1.5	2.90	4	8	50	6
LNB3010	R1.5	2.90	4	10	50	6
LNB3012	R1.5	2.90	4	12	50	6
LNB3016	R1.5	2.90	4	16	50	6
LNB3020	R1.5	2.90	4	20	60	6
LNB3025	R1.5	2.90	4	25	60	6
LNB4012	R2.0	3.90	8	12	60	6
LNB4016	R2.0	3.90	8	16	60	6
LNB4020	R2.0	3.90	8	20	60	6
LNB4025	R2.0	3.90	8	25	75	6
LNB4030	R2.0	3.90	8	30	75	6

HBA,IBA,JBA

Ball Nose End Mills Long Shank

長柄圓頭立銑刀

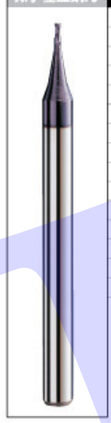


Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
HBA0202	R1	4	75	6
HBA0252	R1.25	5	75	6
HBA0302	R1.5	6	75	6
HBA0402	R2	8	75	6
HBA0502	R2.5	10	75	6
HBA0602	R3	12	75	6
HBA0802	R4	16	75	8
I BA0202	R1	4	100	6
I BA0302	R1.5	6	100	6
I BA0402	R2	8	100	6
I BA0602	R3	12	100	6
I BA0802	R4	16	100	8
I BA1002	R5	20	100	10
I BA1202	R6	24	100	12
JBA0602	R3	12	150	6
JBA0802	R4	16	150	8
JBA1002	R5	20	150	10
JBA1202	R6	24	150	12
JBA1602	R8	32	150	16

MET

End Mills Micro Diameter

微小徑立銑刀



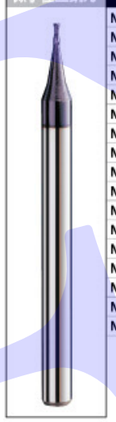
Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
MET0022	0.2	0.4	50	3
MET0032	0.3	0.6	50	3
MET0042	0.4	0.8	50	3
MET0052	0.5	1.0	50	3
MET0062	0.6	1.2	50	3
MET0082	0.8	1.6	50	3
MET0102	1.0	2.5	50	3
MET0122	1.2	3.0	50	3
MET0142	1.4	3.0	50	3
MET0152	1.5	4.0	50	3
MET0162	1.6	4.0	50	3
MET0182	1.8	5.0	50	3
MET0202	2.0	6.0	50	3
MET0252	2.5	8.0	50	3
MET0302	3.0	8.0	50	3

unit: mm

META

End Mills Micro Diameter

微小徑立銑刀



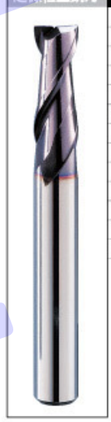
Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
META0022	0.2	0.4	50	4
META0032	0.3	0.6	50	4
META0042	0.4	0.8	50	4
META0052	0.5	1.0	50	4
META0062	0.6	1.2	50	4
META0072	0.7	1.4	50	4
META0082	0.8	1.6	50	4
META0092	0.9	1.8	50	4
META0102	1.0	2.5	50	4
META0122	1.2	3.0	50	4
META0142	1.4	3.0	50	4
META0152	1.5	4.0	50	4
META0162	1.6	4.0	50	4
META0182	1.8	5.0	50	4
META0202	2.0	6.0	50	4
META0252	2.5	8.0	50	4
META0302	3.0	8.0	50	4

unit: mm

ETA

End Mills

超微粒立銑刀



Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
ETA0102	1.0	3	50	4
ETA0152	1.5	4	50	4
ETA0202	2.0	6	50	4
ETA0252	2.5	8	50	4
ETA0302	3.0	8	50	4
ETA0402	4.0	11	50	4
ETA0502	5.0	13	50	6
ETA0602	6.0	16	50	6
ETA0802	8.0	20	60	8
ETA1002	10.0	25	75	10
ETA1202	12.0	30	75	12
ETA1602	16.0	40	100	16
ETA2002	20.0	45	100	20

unit: mm

ETB

End Mills

超微粒立銑刀

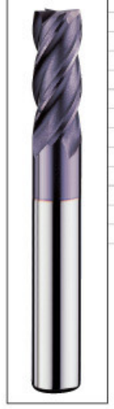
Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
ETB0102	1.0	3	50	6
ETB0152	1.5	4	50	6
ETB0202	2.0	6	50	6
ETB0252	2.5	8	50	6
ETB0302	3.0	8	50	6
ETB0402	4.0	11	50	6
ETB0502	5.0	13	50	6
ETB0602	6.0	16	50	6
ETB0802	8.0	20	60	8
ETB1002	10.0	30	75	10
ETB1202	12.0	30	75	12
ETB1602	16.0	40	100	16
ETB2002	20.0	45	100	20

unit: mm

ETA

End Mills

超微粒立銑刀



Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
ETA0104	1.0	3	50	4
ETA0154	1.5	4	50	4
ETA0204	2.0	6	50	4
ETA0254	2.5	8	50	4
ETA0304	3.0	8	50	4
ETA0404	4.0	11	50	4
ETA0504	5.0	13	50	6
ETA0604	6.0	16	50	6
ETA0804	8.0	20	60	8
ETA1004	10.0	25	75	10
ETA1204	12.0	30	75	12
ETA1604	16.0	40	100	16
ETA2004	20.0	45	100	20

unit: mm

ETB

End Mills

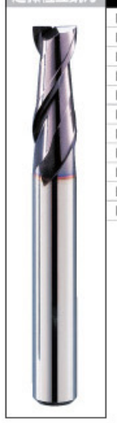
超微粒立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
ETB0104	1.0	3	50	4
ETB0154	1.5	4	50	4
ETB0204	2.0	6	50	6
ETB0254	2.5	8	50	6
ETB0304	3.0	8	50	6
ETB0354	3.5	10	50	6
ETB0404	4.0	11	50	6
ETB0454	4.5	11	50	6
ETB0504	5.0	13	50	6
ETB0604	6.0	16	50	6
ETB0804	8.0	20	60	8
ETB1004	10.0	30	75	10
ETB1204	12.0	30	75	12
ETB1604	16.0	40	100	16
ETB2004	20.0	45	100	20

unit: mm

ETG
End Mills

超微粒立銑刀

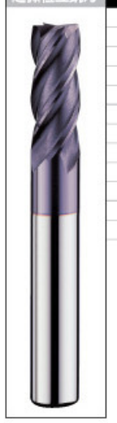


Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
ETG0102	1.0	3	50	4
ETG0152	1.5	4	50	4
ETG0202	2.0	6	50	4
ETG0252	2.5	8	50	4
ETG0302	3.0	8	50	4
ETG0402	4.0	11	50	4
ETG0502	5.0	13	50	6
ETG0602	6.0	16	50	6
ETG0802	8.0	20	60	8
ETG1002	10.0	25	75	10
ETG1202	12.0	30	75	12

unit: mm

ETG
End Mills

超微粒立銑刀



Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
ETG0104	1.0	3	50	4
ETG0154	1.5	4	50	4
ETG0204	2.0	6	50	4
ETG0254	2.5	8	50	4
ETG0304	3.0	8	50	4
ETG0404	4.0	11	50	4
ETG0504	5.0	13	50	6
ETG0604	6.0	16	50	6
ETG0804	8.0	20	60	8
ETG1004	10.0	25	75	10
ETG1204	12.0	30	75	12
ETG1604	16.0	40	100	16

unit: mm

ET
End Mills

超微粒立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
ET0102	1.0	3	50	4
ET0152	1.5	4	50	4
ET0202	2.0	6	50	4
ET0252	2.5	8	50	4
ET0302	3.0	8	50	4
ET0402	4.0	11	50	4
ET0502	5.0	13	50	6
ET0602	6.0	16	50	6
ET0802	8.0	20	60	8
ET1002	10.0	25	75	10
ET1202	12.0	30	75	12

unit: mm

ET
End Mills

超微粒立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
ET0104	1.0	3	50	4
ET0154	1.5	4	50	4
ET0204	2.0	6	50	4
ET0254	2.5	8	50	4
ET0304	3.0	8	50	4
ET0404	4.0	11	50	4
ET0504	5.0	13	50	6
ET0604	6.0	16	50	6
ET0804	8.0	20	60	8
ET1004	10.0	25	75	10
ET1204	12.0	30	75	12
ET1604	16.0	40	100	16

unit: mm

HEA.IEA.JEA
End Mills Long Shank

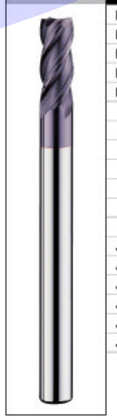
長柄立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
HEA0302	3.0	8	75	3
HEA0402	4.0	11	75	4
HEA0502	5.0	13	75	6
HEA0602	6.0	16	75	6
HEA0802	8.0	20	75	8
IEA0302	3.0	8	100	3
IEA0402	4.0	11	100	4
IEA0502	5.0	13	100	6
IEA0602	6.0	16	100	6
IEA0802	8.0	20	100	8
IEA1002	10.0	25	100	10
IEA1202	12.0	30	100	12
JEA0602	6.0	16	150	6
JEA0802	8.0	20	150	8
JEA1002	10.0	25	150	10
JEA1202	12.0	30	150	12

unit: mm

HEA.IEA.JEA
End Mills Long Shank

長柄立銑刀

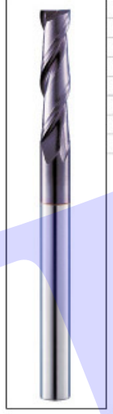


Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
HEA0304	3.0	8	75	3
HEA0404	4.0	11	75	4
HEA0504	5.0	13	75	6
HEA0604	6.0	16	75	6
HEA0804	8.0	20	75	8
IEA0404	4.0	11	100	4
IEA0604	6.0	16	100	6
IEA0804	8.0	20	100	8
IEA1004	10.0	25	100	10
IEA1204	12.0	30	100	12
JEA0604	6.0	16	150	6
JEA0804	8.0	20	150	8
JEA1004	10.0	25	150	10
JEA1204	12.0	30	150	12
JEA1604	16.0	45	150	16
JEA2004	20.0	50	150	20

unit: mm

LFTA
End Mills Long Flute

長刃立銑刀



Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
LFTA0202	2.0	12	50	4
LFTA0302	3.0	20	50	4
LFTA0402	4.0	25	75	4
LFTA0502	5.0	30	75	6
LFTA0602	6.0	30	75	6
LFTA0802	8.0	40	100	8
LFTA1002	10.0	40	100	10
LFTA1202	12.0	45	100	12

unit: mm

LFTG
End Mills Long Flute

長刃立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
LFTG0202	2.0	12	50	4
LFTG0302	3.0	15	50	6
LFTG0402	4.0	20	75	6
LFTG0502	5.0	25	75	6
LFTG0602	6.0	30	75	6
LFTG0802	8.0	40	100	8
LFTG1002	10.0	40	100	10
LFTG1202	12.0	45	100	12

unit: mm

LFTA
End Mills Long Flute

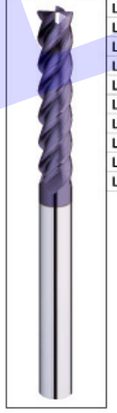
長刃立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
LFTA0204	2.0	15	50	4
LFTA0304	3.0	20	50	4
LFTA0404	4.0	25	75	4
LFTA0504	5.0	30	75	6
LFTA0604	6.0	30	75	6
LFTA0804	8.0	40	100	8
LFTA1004	10.0	40	100	10
LFTA1204	12.0	45	100	12
LFTA1604	16.0	60	150	16
LFTA2004	20.0	60	150	20

unit: mm

LFTG
End Mills Long Flute

長刃立銑刀

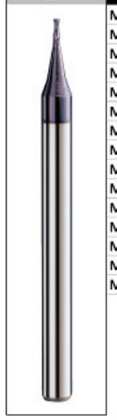


Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
LFTG0204	2.0	15	50	4
LFTG0304	3.0	15	50	6
LFTG0404	4.0	20	75	6
LFTG0504	5.0	25	75	6
LFTG0604	6.0	30	75	6
LFTG0804	8.0	40	100	8
LFTG1004	10.0	40	100	10
LFTG1204	12.0	45	100	12
LFTG1604	16.0	60	150	16
LFTG2004	20.0	60	150	20

unit: mm

METG
End Mills Micro Diameter

微小徑立銑刀

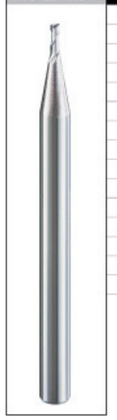


Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
METG0022	0.2	0.4	50	4
METG0032	0.3	0.6	50	4
METG0042	0.4	0.8	50	4
METG0052	0.5	1.0	50	4
METG0062	0.6	1.2	50	4
METG0072	0.7	1.4	50	4
METG0082	0.8	1.6	50	4
METG0092	0.9	1.8	50	4
METG0102	1.0	2.5	50	4
METG0122	1.2	3.0	50	4
METG0142	1.4	3.0	50	4
METG0152	1.5	4.0	50	4
METG0162	1.6	4.0	50	4
METG0182	1.8	5.0	50	4
METG0202	2.0	6.0	50	4

unit: mm

ME
End Mills Micro Diameter

微小徑立銑刀



Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
ME0022	0.2	0.4	50	4
ME0032	0.3	0.6	50	4
ME0042	0.4	0.8	50	4
ME0052	0.5	1.0	50	4
ME0062	0.6	1.2	50	4
ME0072	0.7	1.4	50	4
ME0082	0.8	1.6	50	4
ME0092	0.9	1.8	50	4
ME0102	1.0	2.5	50	4
ME0122	1.2	3.0	50	4
ME0142	1.4	3.0	50	4
ME0152	1.5	4.0	50	4
ME0162	1.6	4.0	50	4
ME0182	1.8	5.0	50	4
ME0202	2.0	6.0	50	4

unit: mm

RTA
End Mills Corner Radius

圓鼻角立銑刀

Type No. 型號	Diameter 直徑	Corner R R 角	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
RTA0205	2.0	0.5	6	50	4
RTA0305	3.0	0.5	8	50	3
RTA0405	4.0	0.5	10	50	4
RTA0410	4.0	1.0	10	50	4
RTA0505	5.0	0.5	13	50	6
RTA0510	5.0	1.0	13	50	6
RTA0605	6.0	0.5	16	50	6
RTA0610	6.0	1.0	16	50	6
RTA0805	8.0	0.5	19	60	8
RTA0810	8.0	1.0	19	60	8
RTA1005	10.0	0.5	25	75	10
RTA1010	10.0	1.0	25	75	10
RTA1015	10.0	1.5	25	75	10
RTA1020	10.0	2.0	25	75	10
RTA1210	12.0	1.0	30	75	12
RTA1220	12.0	2.0	30	75	12

unit: mm

RTB
End Mills Corner Radius

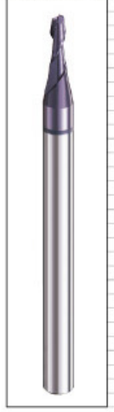
圓鼻角立銑刀

Type No. 型號	Diameter 直徑	Corner R R 角	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
RTB0305	3.0	0.5	8	50	3
RTB0405	4.0	0.5	10	50	4
RTB0505	5.0	0.5	13	50	6
RTB0510	5.0	1.0	13	50	6
RTB0605	6.0	0.5	16	50	6
RTB0610	6.0	1.0	16	50	6
RTB0805	8.0	0.5	20	60	8
RTB0810	8.0	1.0	20	60	8
RTB1005	10.0	0.5	30	75	10
RTB1010	10.0	1.0	30	75	10
RTB1020	10.0	2.0	30	75	10
RTB1030	10.0	3.0	30	75	10
RTB1210	12.0	1.0	30	75	12
RTB1220	12.0	2.0	30	75	12
RTB1230	12.0	3.0	30	75	12

unit: mm

RTG
End Mills Corner Radius

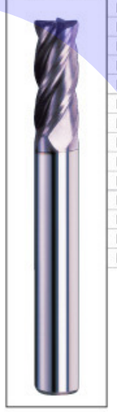
圓鼻角立銑刀



Type No. 型號	Diameter 直徑	Corner R R 角	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
RTG0102	1.0	0.2	3	50	4
RTG0152	1.5	0.2	4	50	4
RTG0202	2.0	0.2	6	50	4
RTG0205	2.0	0.5	6	50	4
RTG0252	2.5	0.2	8	50	4
RTG0255	2.5	0.5	8	50	4
RTG0302	3.0	0.2	8	50	4
RTG0303	3.0	0.3	8	50	4
RTG0305	3.0	0.5	8	50	4
RTG0402	4.0	0.2	11	50	4
RTG0403	4.0	0.3	11	50	4
RTG0405	4.0	0.5	11	50	4
RTG0503	5.0	0.3	13	50	6
RTG0505	5.0	0.5	13	50	6
RTG0602	6.0	0.2	16	50	6
RTG0603	6.0	0.3	16	50	6
RTG0605	6.0	0.5	16	50	6
RTG0610	6.0	1.0	16	50	6
RTG0803	8.0	0.3	20	60	8
RTG0805	8.0	0.5	20	60	8
RTG1002	10.0	0.2	25	75	10
RTG1003	10.0	0.3	25	75	10
RTG1005	10.0	0.5	25	75	10
RTG1010	10.0	1.0	25	75	10
RTG1203	12.0	0.3	30	75	12
RTG1205	12.0	0.5	30	75	12
RTG1210	12.0	1.0	30	75	12
RTG1215	12.0	1.5	30	75	12
RTG1220	12.0	2.0	30	75	12

RTD
End Mills Corner Radius

圓鼻角立銑刀



Type No. 型號	Diameter 直徑	Corner R R 角	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
RTD0305	3.0	0.5	8	50	3
RTD0405	4.0	0.5	10	50	4
RTD0505	5.0	0.5	13	50	6
RTD0510	5.0	1.0	13	50	6
RTD0605	6.0	0.5	16	50	6
RTD0610	6.0	1.0	16	50	6
RTD0805	8.0	0.5	20	60	8
RTD0810	8.0	1.0	20	60	8
RTD1010	10.0	1.0	30	75	10
RTD1020	10.0	2.0	30	75	10
RTD1030	10.0	3.0	30	75	10
RTD1210	12.0	1.0	30	75	12
RTD1220	12.0	2.0	30	75	12
RTD1230	12.0	3.0	30	75	12

unit: mm

LRTA
End Mills Corner Radius

長柄圓鼻角立銑刀

Type No. 型號	Diameter 直徑	Corner R R 角	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
LRTA0405	4.0	0.5	11	75	4
LRTA0605	6.0	0.5	16	75	6
LRTA0610	6.0	1.0	16	75	6
LRTA0805	8.0	0.5	19	100	8
LRTA0810	8.0	1.0	19	100	8
LRTA1005	10.0	0.5	25	100	10
LRTA1010	10.0	1.0	25	100	10
LRTA1020	10.0	2.0	25	100	10
LRTA1210	12.0	1.0	30	100	12
LRTA1220	12.0	2.0	30	100	12

unit: mm

LRTD
End Mills Corner Radius

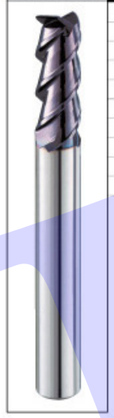
長柄圓鼻角立銑刀

Type No. 型號	Diameter 直徑	Corner R R 角	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
LRTD0605	6.0	0.5	16	75	6
LRTD0610	6.0	1.0	16	75	6
LRTD0805	8.0	0.5	19	100	8
LRTD0810	8.0	1.0	19	100	8
LRTD1005	10.0	0.5	25	100	10
LRTD1010	10.0	1.0	25	100	10
LRTD1020	10.0	2.0	25	100	10
LRTD1210	12.0	1.0	30	100	12
LRTD1220	12.0	2.0	30	100	12
LRTD1610	16.0	1.0	45	150	16
LRTD1620	16.0	2.0	45	150	16

unit: mm

HTA
End Mills High Helix

高螺旋立銑刀



Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
HTA0203	2.0	6	50	4
HTA0303	3.0	8	50	4
HTA0403	4.0	11	50	4
HTA0503	5.0	13	50	6
HTA0603	6.0	16	50	6
HTA0803	8.0	20	60	8
HTA1003	10.0	25	75	10
HTA1203	12.0	30	75	12
HTA1603	16.0	40	100	16
HTA2003	20.0	45	100	20

unit: mm

ITA
End Mills High Helix

高螺旋立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
ITA0303	3.0	8	50	6
ITA0403	4.0	12	50	6
ITA0603	6.0	16	50	6
ITA0803	8.0	20	60	8
ITA1003	10.0	25	75	10
ITA1203	12.0	30	75	12
ITA1603	16.0	45	100	16
ITA2003	20.0	45	100	20

unit: mm

LNE
End Mills Long Neck

深溝用立銑刀

Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
LNE0502	0.5	0.46	1	2	50	4
LNE0504	0.5	0.46	1	4	50	4
LNE0506	0.5	0.46	1	6	50	4
LNE1006	1.0	0.95	1.5	6	50	4
LNE1008	1.0	0.95	1.5	8	50	4
LNE1010	1.0	0.95	1.5	10	50	4
LNE1012	1.0	0.95	1.5	12	50	4
LNE1508	1.5	1.45	2	8	50	4
LNE1510	1.5	1.45	2	10	50	4
LNE1512	1.5	1.45	2	12	50	4
LNE1516	1.5	1.45	2	16	50	4
LNE2008	2.0	1.92	3	8	50	4
LNE2010	2.0	1.92	3	10	50	4
LNE2012	2.0	1.92	3	12	50	4
LNE2016	2.0	1.92	3	16	50	4
LNE2020	2.0	1.92	3	20	50	4
LNE2510	2.5	2.42	3	10	50	4
LNE2512	2.5	2.42	3	12	50	4
LNE2516	2.5	2.42	3	16	50	4
LNE2520	2.5	2.42	3	20	50	4
LNE3010	3.0	2.90	4	10	50	6
LNE3012	3.0	2.90	4	12	50	6
LNE3016	3.0	2.90	4	16	50	6
LNE3020	3.0	2.90	4	20	60	6
LNE3025	3.0	2.90	4	25	60	6

LNH
End Mills Long Neck

深溝用立銑刀

Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
LNH1006	1.0	0.95	1.5	6	50	4
LNH1008	1.0	0.95	1.5	8	50	4
LNH1010	1.0	0.95	1.5	10	50	4
LNH1012	1.0	0.95	1.5	12	50	4
LNH1508	1.5	1.45	2	8	50	4
LNH1510	1.5	1.45	2	10	50	4
LNH1512	1.5	1.45	2	12	50	4
LNH1516	1.5	1.45	2	16	50	4
LNH2008	2.0	1.92	3	8	50	4
LNH2010	2.0	1.92	3	10	50	4
LNH2012	2.0	1.92	3	12	50	4
LNH2016	2.0	1.92	3	16	50	4
LNH2020	2.0	1.92	3	20	50	4
LNH2510	2.5	2.42	3	10	50	4
LNH2512	2.5	2.42	3	12	50	4
LNH2516	2.5	2.42	3	16	50	4
LNH2520	2.5	2.42	3	20	50	4
LNH3010	3.0	2.90	4	10	50	6
LNH3012	3.0	2.90	4	12	50	6
LNH3016	3.0	2.90	4	16	50	6
LNH3020	3.0	2.90	4	20	60	6
LNH3025	3.0	2.90	4	25	60	6

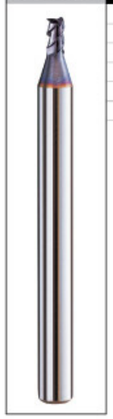
LNX
End Mills Long Neck

深溝用立銑刀

Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
LNX1006	1.0	0.95	1.5	6	50	4
LNX1008	1.0	0.95	1.5	8	50	4
LNX1010	1.0	0.95	1.5	10	50	4
LNX1012	1.0	0.95	1.5	12	50	4
LNX1508	1.5	1.45	2	8	50	4
LNX1510	1.5	1.45	2	10	50	4
LNX1512	1.5	1.45	2	12	50	4
LNX1516	1.5	1.45	2	16	50	4
LNX2008	2.0	1.92	3	8	50	4
LNX2010	2.0	1.92	3	10	50	4
LNX2012	2.0	1.92	3	12	50	4
LNX2016	2.0	1.92	3	16	50	4
LNX2020	2.0	1.92	3	20	50	4
LNX2510	2.5	2.42	3	10	50	4
LNX2512	2.5	2.42	3	12	50	4
LNX2516	2.5	2.42	3	16	50	4
LNX2520	2.5	2.42	3	20	50	4
LNX3010	3.0	2.90	4	10	50	6
LNX3012	3.0	2.90	4	12	50	6
LNX3016	3.0	2.90	4	16	50	6
LNX3020	3.0	2.90	4	20	60	6
LNX3025	3.0	2.90	4	25	60	6

PET
End Mills Short Flute

強力型立銑刀



Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
PET0303	3.0	3	50	6
PET0403	4.0	4	50	6
PET0503	5.0	5	50	6
PET0603	6.0	6	50	8
PET0803	8.0	8	60	10
PET1003	10.0	10	60	12

unit: mm

VTA
End Mills High Hardness

高硬度用立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
VTA0606	6.0	16	50	6
VTA0806	8.0	20	60	8
VTA1006	10.0	25	75	10
VTA1206	12.0	30	75	12
VTA1606	16.0	40	100	16

unit: mm

TA
End Mills Taper

斜度立銑刀

Type No. 型號	Small Mill Dia 先端徑	Flute Length 刃長	Taper Angle 斜角	Large Mill Dia 粗端徑	O. A. L. 全長	Shank Dia 柄徑
TA005005	0.5	2	30'	0.60	50	4
TA005010	0.5	2	1°	0.60	50	4
TA005015	0.5	2	1° 30'	0.60	50	4
TA005020	0.5	2	2°	0.60	50	4
TA005025	0.5	2	2° 30'	0.60	50	4
TA005030	0.5	2	3°	0.60	50	4
TA005050	0.5	2	5°	0.60	50	4
TA005070	0.5	2	7°	0.60	50	4
TA005100	0.5	2	10°	0.60	50	4
TA010005	1.0	4	30'	1.70	50	4
TA010010	1.0	4	1°	1.14	50	4
TA010015	1.0	4	1° 30'	1.21	50	4
TA010020	1.0	4	2°	1.28	50	4
TA010025	1.0	4	2° 30'	1.35	50	4
TA010030	1.0	4	3°	1.42	50	4
TA010050	1.0	4	5°	1.70	50	4
TA010070	1.0	4	7°	1.98	50	4
TA010100	1.0	4	10°	2.41	50	4
TA015005	1.5	5	30'	1.59	50	4
TA015010	1.5	5	1°	1.67	50	4
TA015015	1.5	5	1° 30'	1.76	50	4
TA015020	1.5	5	2°	1.85	50	4
TA015025	1.5	5	2° 30'	1.93	50	4
TA015030	1.5	5	3°	2.02	50	4
TA015050	1.5	5	5°	2.37	50	4
TA015070	1.5	5	7°	2.72	50	4
TA015100	1.5	5	10°	3.26	50	4
TA020005	2.0	6	30'	2.10	50	4
TA020010	2.0	6	1°	2.21	50	4
TA020015	2.0	6	1° 30'	2.31	50	4
TA020020	2.0	6	2°	2.41	50	4

WUA
End Mills Roughing

粗齒細目立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
WUA0603	6.0	16	50	6
WUA0803	8.0	20	60	8
WUA1003	10.0	25	75	10
WUA1203	12.0	30	75	12
WUA1403	14.0	35	100	16
WUA1603	16.0	40	100	16
WUA1803	18.0	40	100	20
WUA2003	20.0	45	100	20

unit: mm

WUA
End Mills Roughing

粗齒細目立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
WUA0604	6.0	16	50	6
WUA0804	8.0	20	60	8
WUA1004	10.0	25	75	10
WUA1204	12.0	30	75	12
WUA1404	14.0	35	100	16
WUA1604	16.0	40	100	16
WUA1804	18.0	40	100	20
WUA2004	20.0	45	100	20

unit: mm

WWA
End Mills Roughing

粗齒細目立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
WWA0603	6.0	16	50	6
WWA0803	8.0	20	60	8
WWA1003	10.0	25	75	10
WWA1203	12.0	30	75	12
WWA1403	14.0	35	100	16
WWA1603	16.0	40	100	16
WWA1803	18.0	40	100	20
WWA2003	20.0	45	100	20

unit: mm

WWA
End Mills Roughing

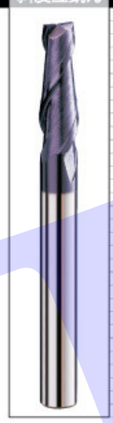
粗齒細目立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
WWA0604	6.0	16	50	6
WWA0804	8.0	20	60	8
WWA1004	10.0	25	75	10
WWA1204	12.0	30	75	12
WWA1404	14.0	35	100	16
WWA1604	16.0	40	100	16
WWA1804	18.0	40	100	20
WWA2004	20.0	45	100	20

unit: mm

End Mills Taper

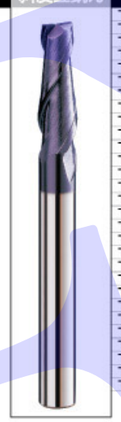
斜度立銑刀



Type No. 型號	Small Mill Dia 先端徑	Flute Length 刃長	Taper Angle 斜角	Large Mill Dia 粗端徑	O. A. L. 全長	Shank Dia 柄徑
TA020025	2.0	6	2° 30'	2.52	50	4
TA020030	2.0	6	3°	2.62	50	4
TA020050	2.0	6	5°	3.05	50	4
TA020070	2.0	6	7°	3.47	50	4
TA020100	2.0	6	10°	4.12	50	4
TA025005	2.5	8	30'	2.64	50	4
TA025010	2.5	8	1°	2.71	50	4
TA025015	2.5	8	1° 30'	2.91	50	4
TA025020	2.5	8	2°	3.05	50	4
TA025025	2.5	8	2° 30'	3.20	50	4
TA025030	2.5	8	3°	3.33	50	4
TA025050	2.5	8	5°	3.90	50	4
TA025070	2.5	8	7°	4.46	50	6
TA025100	2.5	8	10°	5.32	50	6
TA030005	3.0	10	30'	3.17	50	6
TA030010	3.0	10	1°	3.35	50	6
TA030015	3.0	10	1° 30'	3.52	50	6
TA030020	3.0	10	2°	3.69	50	6
TA030025	3.0	10	2° 30'	3.87	50	6
TA030030	3.0	10	3°	4.05	50	6
TA030050	3.0	10	5°	4.75	50	6
TA030070	3.0	10	7°	5.45	50	6
TA030100	3.0	10	10°	6.53	50	6
TA040005	4.0	15	30'	4.26	50	6
TA040010	4.0	15	1°	4.52	50	6
TA040015	4.0	15	1° 30'	4.79	50	6
TA040020	4.0	15	2°	5.04	50	6
TA040025	4.0	15	2° 30'	5.31	50	6
TA040030	4.0	15	3°	5.57	50	6
TA040050	4.0	15	5°	6.62	50	6
TA040070	4.0	15	7°	7.68	60	6

End Mills Taper

斜度立銑刀



Type No. 型號	Small Mill Dia 先端徑	Flute Length 刃長	Taper Angle 斜角	Large Mill Dia 粗端徑	O. A. L. 全長	Shank Dia 柄徑
TA050005	5.0	20	30'	5.34	60	6
TA050010	5.0	20	1°	5.70	60	6
TA050015	5.0	20	1° 30'	6.04	60	6
TA050020	5.0	20	2°	6.39	60	6
TA050025	5.0	20	2° 30'	6.74	60	6
TA050030	5.0	20	3°	7.10	60	6
TA050050	5.0	20	5°	8.50	70	6
TA050070	5.0	20	7°	9.91	70	6
TA060005	6.0	20	30'	6.35	60	6
TA060010	6.0	20	1°	6.70	60	6
TA060015	6.0	20	1° 30'	7.05	60	6
TA060020	6.0	20	2°	7.40	60	6
TA060025	6.0	20	2° 30'	7.75	60	6
TA060030	6.0	20	3°	8.10	60	8
TA060050	6.0	20	5°	9.50	80	8
TA080005	8.0	25	30'	8.44	70	8
TA080010	8.0	25	1°	8.87	70	8
TA080015	8.0	25	1° 30'	9.31	70	8
TA080020	8.0	25	2°	9.74	70	8
TA080025	8.0	25	2° 30'	10.18	70	10
TA080030	8.0	25	3°	10.62	70	10
TA080050	8.0	25	5°	12.37	90	12
TA100005	10.0	35	30'	10.61	90	10
TA100010	10.0	35	1°	11.22	90	10
TA100015	10.0	35	1° 30'	11.83	90	10
TA100020	10.0	35	2°	12.44	90	12
TA100025	10.0	35	2° 30'	13.06	90	12
TA100030	10.0	35	3°	13.67	90	12
TA100050	10.0	35	5°	16.12	115	16

unit: mm

TTA
End Mills Taper

長刃斜度立銑刀

Type No. 型號	Small Mill Dia 先端徑	Flute Length 刃長	Taper Angle 斜角	Large Mill Dia 粗端徑	O. A. L. 全長	Shank Dia 柄徑
TTA01005	1.0	10	30'	1.17	50	4
TTA01010	1.0	10	1°	1.35	50	4
TTA01015	1.0	10	1° 30'	1.52	50	4
TTA01020	1.0	10	2°	1.70	50	4
TTA01025	1.0	10	2° 30'	1.87	50	4
TTA01030	1.0	10	3°	2.05	50	4
TTA01050	1.0	10	5°	2.74	50	4
TTA01070	1.0	10	7°	3.44	50	4
TTA01505	1.5	10	30'	1.67	50	4
TTA01510	1.5	10	1°	1.87	50	4
TTA01515	1.5	10	1° 30'	2.02	50	4
TTA01520	1.5	10	2°	2.20	50	4
TTA01525	1.5	10	2° 30'	2.37	50	4
TTA01530	1.5	10	3°	2.55	50	4
TTA02005	2.0	10	30'	2.22	50	4
TTA02010	2.0	10	1°	2.45	50	4
TTA02015	2.0	10	1° 30'	2.68	50	4
TTA02020	2.0	10	2°	2.90	50	4
TTA02025	2.0	10	2° 30'	3.13	50	4
TTA02030	2.0	10	3°	3.36	50	4
TTA02050	2.0	10	5°	4.27	50	4

End Mills Taper

長刃斜度立銑刀

Type No. 型號	Small Mill Dia 先端徑	Flute Length 刃長	Taper Angle 斜角	Large Mill Dia 粗端徑	O. A. L. 全長	Shank Dia 柄徑
TTA02505	2.5	15	30'	2.76	50	4
TTA02510	2.5	15	1°	3.03	50	4
TTA02515	2.5	15	1° 30'	3.29	50	4
TTA02520	2.5	15	2°	3.55	50	4
TTA02525	2.5	15	2° 30'	3.61	50	4
TTA02530	2.5	15	3°	4.07	50	4
TTA02550	2.5	15	5°	5.13	50	4
TTA03005	3.0	20	30'	3.35	60	6
TTA03010	3.0	20	1°	3.70	60	6
TTA03015	3.0	20	1° 30'	4.05	60	6
TTA03020	3.0	20	2°	4.39	60	6
TTA03025	3.0	20	2° 30'	4.75	60	6
TTA03030	3.0	20	3°	5.10	60	6
TTA03050	3.0	20	5°	6.50	60	6
TTA04005	4.0	25	30'	4.44	60	6
TTA04010	4.0	25	1°	4.88	60	6
TTA04015	4.0	25	1° 30'	5.31	60	6
TTA04020	4.0	25	2°	5.75	60	6
TTA04025	4.0	25	2° 30'	6.91	60	6
TTA04030	4.0	25	3°	6.62	60	6
TTA04050	4.0	25	5°	8.38	60	6

WA
End Mills Roughing

粗齒細目立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
WA0603	6.0	15	50	6
WA0703	7.0	16	60	8
WA0803	8.0	20	60	8
WA0903	9.0	20	75	10
WA1003	10.0	25	75	10
WA1103	11.0	28	75	12
WA1203	12.0	30	75	12
WA1403	14.0	32	100	16
WA1603	16.0	40	100	16
WA1803	18.0	40	100	20
WA2003	20.0	45	100	20

unit: mm

Soft Materials Cutting Series

軟金屬系列

AEB End Mills

鋁用立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
AEB0202	2.0	6	50	6
AEB0302	3.0	8	50	6
AEB0402	4.0	12	50	6
AEB0502	5.0	16	50	6
AEB0602	6.0	20	60	6
AEB0802	8.0	22	60	8
AEB1002	10.0	28	75	10
AEB1202	12.0	30	75	12

unit: mm

AEA End Mills

鋁用立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
AEA0052	0.5	1.5	50	4
AEA0102	1.0	3	50	4
AEA0152	1.5	4	50	4
AEA0202	2.0	6	50	4
AEA0302	3.0	8	50	4
AEA0402	4.0	12	50	4
AEA0502	5.0	16	50	6
AEA0602	6.0	18	50	6
AEA0802	8.0	22	60	8
AEA1002	10.0	28	75	10
AEA1202	12.0	30	75	12

unit: mm

AE End Mills

鋁用立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
AE0052	0.5	1.5	50	4
AE0102	1.0	3	50	4
AE0152	1.5	4	50	4
AE0202	2.0	6	50	4
AE0302	3.0	8	50	4
AE0402	4.0	12	50	4
AE0502	5.0	16	50	6
AE0602	6.0	18	50	6
AE0802	8.0	22	60	8
AE1002	10.0	28	75	10
AE1202	12.0	30	75	12

unit: mm

AEA End Mills

鋁用立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
AEA0203	2.0	6	50	6
AEA0303	3.0	10	50	6
AEA0403	4.0	12	50	6
AEA0503	5.0	16	50	6
AEA0603	6.0	18	50	6
AEA0803	8.0	20	60	8
AEA1003	10.0	25	75	10
AEA1203	12.0	30	75	12
AEA1603	16.0	40	100	16

unit: mm

AE End Mills

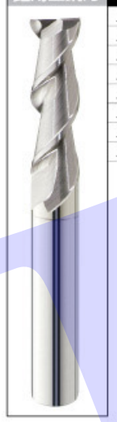
鋁用立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
AE0203	2.0	6	50	6
AE0303	3.0	10	50	6
AE0403	4.0	12	50	6
AE0503	5.0	16	50	6
AE0603	6.0	18	50	6
AE0803	8.0	20	60	8
AE1003	10.0	25	75	10
AE1203	12.0	30	75	12
AE1603	16.0	40	100	16

unit: mm

AEN End Mills

鋁用立銑刀



Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
AEN0202	2.0	6	50	6
AEN0302	3.0	8	50	6
AEN0402	4.0	12	50	6
AEN0502	5.0	16	50	6
AEN0602	6.0	20	60	6
AEN0802	8.0	22	60	8
AEN1002	10.0	28	75	10
AEN1202	12.0	30	75	12

unit: mm

AEC End Mills

鎢面鋁用立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
AEC0202	2.0	7	50	6
AEC0302	3.0	9	50	6
AEC0402	4.0	12	50	6
AEC0502	5.0	16	60	6
AEC0602	6.0	18	60	6
AEC0802	8.0	20	60	8
AEC1002	10.0	30	75	10
AEC1202	12.0	32	75	12
AEC1602	16.0	45	100	16
AEC2002	20.0	45	110	20

unit: mm

AEC End Mills

鎢面鋁用立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
AEC0203	2.0	6	50	6
AEC0303	3.0	10	50	6
AEC0403	4.0	12	50	6
AEC0503	5.0	16	60	6
AEC0603	6.0	18	60	6
AEC0803	8.0	20	60	8
AEC1003	10.0	25	75	10
AEC1203	12.0	30	75	12
AEC1603	16.0	40	100	16

unit: mm

AES End Mills

鎢面鋁用立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
AES0203	2.0	6	50	6
AES0303	3.0	8	50	6
AES0403	4.0	11	50	6
AES0503	5.0	13	50	6
AES0603	6.0	16	50	6
AES0803	8.0	20	60	8
AES1003	10.0	25	75	10
AES1203	12.0	30	75	12
AES1603	16.0	50	120	16
AES2003	20.0	60	120	20

unit: mm

AESR End Mills Corner Radius

鎢面鋁用立銑刀

Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Corner R R 角	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
AESR0305	3.0	2.9	0.5	4.5	9	50	6
AESR0405	4.0	3.9	0.5	6.0	12	50	6
AESR0605	6.0	5.8	0.5	9.0	18	60	6
AESR0610	6.0	5.8	1.0	9.0	18	60	6
AESR0805	8.0	7.7	0.5	12.0	24	60	8
AESR0810	8.0	7.7	1.0	12.0	24	60	8
AESR1005	10.0	9.6	0.5	15.0	30	75	10
AESR1010	10.0	9.6	1.0	15.0	30	75	10
AESR1205	12.0	11.5	0.5	18.0	36	75	12
AESR1210	12.0	11.5	1.0	18.0	36	75	12
AESR1605	16.0	15.5	0.5	24.0	40	120	16
AESR1610	16.0	15.5	1.0	24.0	40	120	16
AESR1630	16.0	15.5	3.0	24.0	40	120	16
AESR2005	20.0	19.0	0.5	30.0	50	120	20
AESR2010	20.0	19.0	1.0	30.0	50	120	20
AESR2030	20.0	19.0	3.0	30.0	50	120	20

unit: mm

AER
End Mills

鋁用圓鼻立銑刀

Type No. 型號	Diameter 直徑	Corner R R 角	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
AER0202	2.0	0.2	6	50	6
AER0302	3.0	0.2	10	50	6
AER0402	4.0	0.2	12	50	6
AER0603	6.0	0.3	18	50	6
AER0805	8.0	0.5	20	60	8
AER1005	10.0	0.5	30	75	10

unit: mm

ADR
End Mills

鋁用圓鼻立銑刀

Type No. 型號	Diameter 直徑	Corner R R 角	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
ADR0202	2.0	0.2	6	50	6
ADR0302	3.0	0.2	10	50	6
ADR0402	4.0	0.2	12	50	6
ADR0603	6.0	0.3	18	50	6
ADR0805	8.0	0.5	20	60	8
ADR1005	10.0	0.5	30	75	10

unit: mm

AET
End Mills

鏡面鋁用立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
AET0052	0.5	1.5	50	4
AET0102	1.0	3	50	6
AET0152	1.5	4	50	6
AET0202	2.0	6	50	6
AET0302	3.0	8	50	6
AET0402	4.0	11	50	6
AET0502	5.0	13	50	6
AET0602	6.0	16	50	6
AET0802	8.0	19	60	8
AET1002	10.0	25	75	10
AET1202	12.0	26	75	12

unit: mm

AET
End Mills

鏡面鋁用立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
AET0203	2.0	6	50	6
AET0303	3.0	10	50	6
AET0403	4.0	12	50	6
AET0503	5.0	16	60	6
AET0603	6.0	18	60	6
AET0803	8.0	20	60	8
AET1003	10.0	25	75	10
AET1203	12.0	30	75	12
AET1603	16.0	40	100	16

unit: mm

AEW
End Mills Roughing

彩虹立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
AEW0603	6.0	16	50	6
AEW0803	8.0	20	60	8
AEW0803L	8.0	25	80	8
AEW1003	10.0	22	75	10
AEW1003L	10.0	30	80	10
AEW1203	12.0	26	75	12
AEW1203L	12.0	35	100	12
AEW1603	16.0	50	120	16
AEW2003	20.0	55	120	20

unit: mm

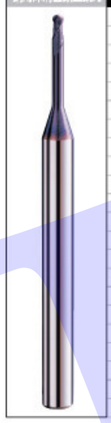
AEWR
End Mills Roughing

彩虹立銑刀

Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Corner R R 角	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
AEWR0605	6.0	5.8	0.5	8	18	50	6
AEWR0805	8.0	7.7	0.5	10	24	60	8
AEWR1005	10.0	9.6	0.5	12	30	75	10
AEWR1205	12.0	11.5	0.5	15	36	75	12
AEWR1610	16.0	15.5	1.0	24	40	120	16
AEWR2010	20.0	19.0	1.0	30	50	120	20

unit: mm

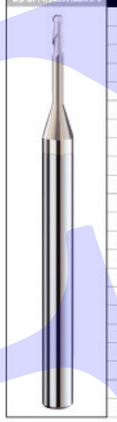
LNBD
Ball Nose End Mills Long Neck



鋁用深溝圓頭立銑刀

Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
LNBD1004	R0.5	0.95	2	4	50	4
LNBD1006	R0.5	0.95	2	6	50	4
LNBD1010	R0.5	0.95	2	10	50	4
LNBD1012	R0.5	0.95	2	12	50	4
LNBD1016	R0.5	0.95	2	16	50	4
LNBD1506	R0.75	1.45	3	6	50	4
LNBD1510	R0.75	1.45	3	10	50	4
LNBD1512	R0.75	1.45	3	12	50	4
LNBD1516	R0.75	1.45	3	16	50	4
LNBD2008	R1.0	1.92	4	8	50	4
LNBD2012	R1.0	1.92	4	12	50	4
LNBD2014	R1.0	1.92	4	14	50	4
LNBD2020	R1.0	1.92	4	20	50	4
LNBD3012	R1.5	2.90	6	12	50	6
LNBD3016	R1.5	2.90	6	16	50	6
LNBD3020	R1.5	2.90	6	20	60	6
LNBD3025	R1.5	2.90	6	25	60	6
LNBD4010	R2.0	3.88	8	10	60	6
LNBD4012	R2.0	3.88	8	12	60	6
LNBD4016	R2.0	3.88	8	16	60	6
LNBD4020	R2.0	3.88	8	20	75	6
LNBD4025	R2.0	3.88	8	25	75	6

LNBC
Ball Nose End Mills Long Neck



鋁用深溝圓頭立銑刀

Type No. 型號	Diameter 直徑	Neck Dia 頸徑	Flute Length 刃長	Effective Length 有效長	O. A. L. 全長	Shank Dia 柄徑
LNBC1004	R0.5	0.95	2	4	50	4
LNBC1006	R0.5	0.95	2	6	50	4
LNBC1010	R0.5	0.95	2	10	50	4
LNBC1012	R0.5	0.95	2	12	50	4
LNBC1016	R0.5	0.95	2	16	50	4
LNBC1506	R0.75	1.45	3	6	50	4
LNBC1510	R0.75	1.45	3	10	50	4
LNBC1512	R0.75	1.45	3	12	50	4
LNBC1516	R0.75	1.45	3	16	50	4
LNBC2008	R1.0	1.92	4	8	50	4
LNBC2012	R1.0	1.92	4	12	50	4
LNBC2014	R1.0	1.92	4	14	50	4
LNBC2020	R1.0	1.92	4	20	50	4
LNBC3012	R1.5	2.90	6	12	50	6
LNBC3016	R1.5	2.90	6	16	50	6
LNBC3020	R1.5	2.90	6	20	60	6
LNBC3025	R1.5	2.90	6	25	60	6
LNBC4010	R2.0	3.88	8	10	60	6
LNBC4012	R2.0	3.88	8	12	60	6
LNBC4016	R2.0	3.88	8	16	60	6
LNBC4020	R2.0	3.88	8	20	75	6
LNBC4025	R2.0	3.88	8	25	75	6

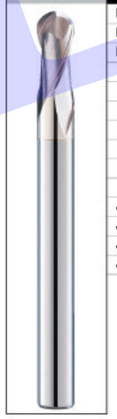
BTC
Ball Nose End Mills

鋼鋁用圓頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
BTC0102	R0.5	2	50	4
BTC0152	R0.75	3	50	4
BTC0202	R1	4	50	4
BTC0302	R1.5	6	50	3
BTC0402	R2	8	50	4
BTC0602	R3	12	50	6
BTC0802	R4	16	60	8
BTC1002	R5	20	75	10
BTC1202	R6	24	75	12

unit: mm

HBC,IBC,JBC
Ball Nose End Mills Long Shank



鋼鋁用圓頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O. A. L. 全長	Shank Dia 柄徑
HBC0402	R2	8	75	6
HBC0502	R2.5	10	75	6
HBC0602	R3	12	75	6
IBC0402	R2	8	100	6
IBC0602	R3	12	100	6
IBC0802	R4	16	100	8
IBC1002	R5	20	100	10
IBC1202	R6	24	100	12
JBC0602	R3	12	150	6
JBC0802	R4	16	150	8
JBC1002	R5	20	150	10
JBC1202	R6	24	150	12

unit: mm

Laser Engraving 產品雷射註冊商標

After strict quality control, all end mills are engraved code number and DHF logo for verifying good quality.
產品經嚴格品質管控，所有銑刀皆雷射雕刻上型號及DHF註冊商標，以維護良好產品品質。

Design
Honesty
Future

DHF Precision Tool Co., Ltd.