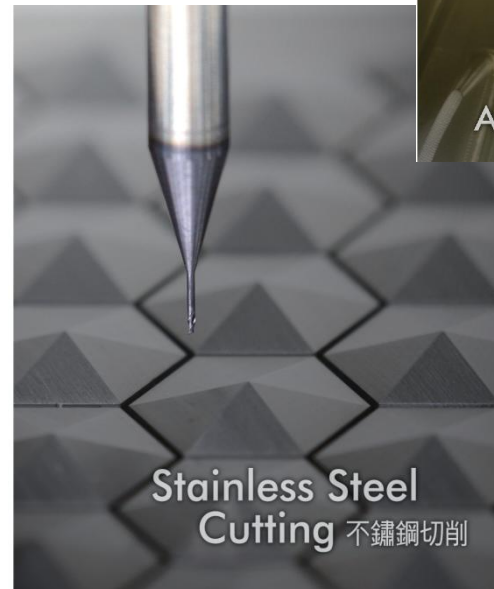




# 台灣力得衛宇龍科技(股)公司

LEADERWAY CNC TECHNOLOGIES, CO., LTD..

## 切削刀具 Cutting tools





# 切削刀具 Cutting tools



- ▶ 螺紋銑刀切削 Thread Mill
- ▶ 高硬度材質與高速切削 High Hardness & High Speed Cutting
- ▶ 不鏽鋼及鈦合金切削 Stainless Steel & Titanium Alloy Cutting
- ▶ 銅・鋁合金切削 Copper Alloy & Aluminum Alloy Cutting
- ▶ 石墨及陶瓷切削 Graphite and Ceramics cutting

符號說明 Guide Lines to Icons

材質 Carbide	角落角 Corner R	切削硬度 Work Material Hardness	其他 Other
 超微粒 Micro Grain.	 圓鼻銼刀 END MILLS Corner Radius.	 可切削HRC 55度以內 Work Material Hardness is up to HRC 55.	 長頸短刀球型立銼刀 Best of long neck machining.
 極細微粒 Super Micro Grain.		 螺旋角 Helix Angle	 可切削HRC 58度以內 Work Material Hardness is up to HRC 58.
<b>結晶大小 Grain Size</b>	 螺旋角 0° Helix is 0°.	 可切削HRC 60度以內 Work Material Hardness is up to HRC 60.	 長頸短刀圓鼻立銼刀 Best of long neck machining.
 結晶 0.2 μm Average Grain Size 0.2 μm	 螺旋角 5° Helix is 5°.	 可切削HRC 62度以內 Work Material Hardness is up to HRC 62.	 S 球型立銼刀
 結晶 0.4 μm Average Grain Size 0.4 μm.	 螺旋角 15° Helix is 15°.	 可切削HRC 68度以內 Work Material Hardness is up to HRC 68.	
 結晶 0.6 μm Average Grain Size 0.6 μm.	 螺旋角 25° Helix is 25°.	<b>刃角邊緣 Flute Edge</b>	
<b>刃數 Flute</b>	 螺旋角 30° Helix is 30°.	 偏心離隙角 Angle of Eccentric Radius Relief.	
 2 刃 Two- flute.	 螺旋角 35° Helix is 35°.	 斜角離隙角 Angle of Slant Tangent Relief.	
 3 刃 Three- flute.	 螺旋角 45° Helix is 45°.	<b>齒型 Roughing</b>	
 4 刃 Four- flute.	 螺旋角 55° Helix is 55°.	 粗齒 Big Roughing.	
 6 刃 Six- flute.		 細齒 Small Roughing.	

螺紋銑刀切削  
Thread Mill

高硬度材質與高速切削  
High Hardness  
& High Speed Cutting

不鏽鋼及鈦合金切削  
Stainless Steel &  
Titanium Alloy Cutting

銅·鋁合金切削  
Copper Alloy &  
Aluminum Alloy Cutting





## END MILLS WHIRLING TOOLS ISO 60° , L1=2 xD 螺紋銑刀

Type No. 型號	M Coarse 螺紋尺寸	Pitch 螺距	Diameter 刃徑	Effective Length 有效長	Neck Dia 頸徑	Shank Dia 柄徑	O.A.L. 全長	Flute 刃數
NM1002	M 1.00	0.25	0.73	2.3	0.34	4	50	3
NM1202	M 1.20	0.25	0.92	2.8	0.53	4	50	3
NM1402	M 1.40	0.3	1.05	3.2	0.6	4	50	3
NM1602	M 1.60	0.35	1.21	3.7	0.69	4	50	3
NM1802	M 1.80	0.2	1.41	4.1	0.89	4	50	3
NM1822S	M 1.80	0.35	1.41	4.1	0.89	4	50	3
NM2002	M 2.00	0.4	1.55	4.6	0.96	4	50	3
NM2202	M 2.20	0.2	1.72	5.1	1.08	4	50	3
NM2202C	M 2.20	0.45	1.72	5.1	1.08	4	50	3
NM2502	M 2.50	0.25	2	5.8	1.35	4	50	3
NM2502S	M 2.50	0.35	2	5.8	1.35	4	50	3
NM2502C	M 2.50	0.45	2	5.8	1.35	4	50	3
NM3002	M 3.00	0.5	2.44	7	1.7	4	50	3
NM4002	M 4.00	0.7	3.2	9.3	2.25	4	50	3
NM5002	M 5.00	0.8	4	11.5	2.8	6	60	4
NM6002	M 6.00	1	4.85	13.8	3.15	6	60	4
NM8002	M 8.00	1.25	6.5	18.4	4.65	8	75	6
NM10002	M 10.00	1.5	7.9	23	5.6	8	75	6



## END MILLS WHIRLING TOOLS ISO 60° , L1=3 x D 螺紋銑刀

Type No. 型號	M Coarse 螺紋尺寸	Pitch 螺距	Diameter 刃徑	Effective Length 有效長	Neck Dia 頸徑	Shank Dia 柄徑	O.A.L. 全長	Flute 刃數
NM1003	M 1.00	0.25	0.73	3.2	0.34	4	50	3
NM1203	M 1.20	0.25	0.92	3.85	0.53	4	50	3
NM1403	M 1.40	0.3	1.05	4.5	0.6	4	50	3
NM1603	M 1.60	0.35	1.21	5.1	0.69	4	50	3
NM1803	M 1.80	0.2	1.41	5.8	0.89	4	50	3
NM1803S	M 1.80	0.35	1.41	5.8	0.89	4	50	3
NM2003	M 2.00	0.4	1.55	6.4	0.96	4	50	3
NM2203	M 2.20	0.2	1.72	7.1	1.08	4	50	3
NM2203C	M 2.20	0.45	1.72	7.1	1.08	4	50	3
NM2503	M 2.50	0.25	2	8	1.35	4	50	3
NM2503S	M 2.50	0.35	2	8	1.35	4	50	3
NM2503C	M 2.50	0.45	2	8	1.35	4	50	3
NM3003	M 3.00	0.5	2.44	9.6	1.7	4	50	3
NM4003	M 4.00	0.7	3.2	12.8	2.25	4	50	3
NM5003	M 5.00	0.8	4	16	2.8	6	60	4
NM6003	M 6.00	1	4.85	19.2	3.15	6	60	4
NM8003	M 8.00	1.25	6.5	25.6	4.65	8	75	6
NM10003	M 10.00	1.5	7.9	32	5.6	8	75	6

unit : mm



### END MILLS HELICOIDAL THREAD MILLS, ISO 60° 螺紋銑刀

Type No. 型號	M Coarse 螺紋尺寸	Pitch 螺距	Diameter 刃徑	Flute Length 刃長	Shank Dia 柄徑	O.A.L. 全長	Flute 刃數
TM215D	M2	0.4	1.5	3.4	4	50	3
TM220D	M2	0.4	1.5	4.6	4	50	3
TM315DS	M3	0.5	2.3	5.25	4	50	3
TM320DS	M3	0.5	2.3	6.75	4	50	3
TM315D	M3	0.5	2.3	5.25	6	60	3
TM320D	M3	0.5	2.3	6.75	6	60	3
TM415D	M4	0.7	3.0	7.35	6	60	3
TM420D	M4	0.7	3.0	8.75	6	60	3
TM515D	M5	0.8	3.8	8.4	6	60	3
TM520D	M5	0.8	3.8	10.8	6	60	3
TM615D	M6	1.0	4.5	10.5	6	60	3
TM620D	M6	1.0	4.5	13.5	6	60	3
TM815D	M8	1.25	6.0	14.37	6	60	3
TM820D	M8	1.25	6.0	18.12	6	60	3
TM1015D	M10	1.5	7.5	17.25	8	60	3
TM1020D	M10	1.5	7.5	21.75	8	75	3
TM1215D	M12	1.75	9.0	20.12	10	75	3
TM1220D	M12	1.75	9.0	27.12	10	75	3
TM1225D	M12	1.75	9.0	32.37	10	100	3
TM1415D	M14	2.0	10.0	23	10	75	3
TM1420D	M14	2.0	10.0	31	10	100	3
TM1425D	M14	2.0	10.0	37	10	100	3
TM1615D	M16	2.0	12.0	27	12	75	3
TM1620D	M16	2.0	12.0	35	12	100	3
TM1625D	M16	2.0	12.0	43	12	100	3
TM1815D	M18	2.5	12.0	31.25	12	100	3
TM1820D	M18	2.5	12.0	38.75	12	100	3
TM1825D	M18	2.5	12.0	48.75	12	100	3



## END MILLS WHIRLING TOOLS UN 60° , L1=2 x D 螺紋銑刀

Type No. 型號	M Coarse 螺紋尺寸	Pitch 螺距	Diameter 刃徑	Effective Length 有效長	Neck Dia 頸徑	Shank Dia 柄徑	O.A.L. 全長	Flute 刃數
TN12	N° 1	72	1.4	4.3	0.85	4	50	3
TN12S	N° 1	64	1.4	4.3	0.8	4	50	3
TN22	N° 2	56	1.65	5	0.95	4	50	3
TN32	N° 3	48	1.9	5.8	1.1	4	50	3
TN52	N° 5	44	2	7.3	1.15	4	50	3
TN42	N° 4	40	2.1	6.6	1.17	4	50	3
TN52S	N° 5	40	2.45	7.3	1.52	4	50	3
TN62	N° 6	32	2.55	8.1	1.3	4	50	3
TN82	N° 8	32	3.1	9.6	1.9	4	50	3
TN82	N° 8	36	3.3	9.6	2.15	4	50	3
TN102	N° 10	24	3.4	11.1	1.9	4	50	3
TN122	N° 12	24	4.1	12.6	2.7	6	60	4
TN122	N° 12	28	4.2	12.6	2.85	6	60	4
T1/4"	1/4"	20	4.7	14.6	2.9	6	60	4
T1/4"	1/4"	28	5	14.6	3.55	6	60	4
T5/16"	5/16"	18	6.1	18.2	4	8	60	6
T3/8"	3/8"	16	7.5	21.9	5.3	8	60	6
T7/16"	7/16"	14	8.7	25.6	6.2	10	75	6
T1/2"	1/2"	13	10	29.2	7.3	12	75	6

unit : mm

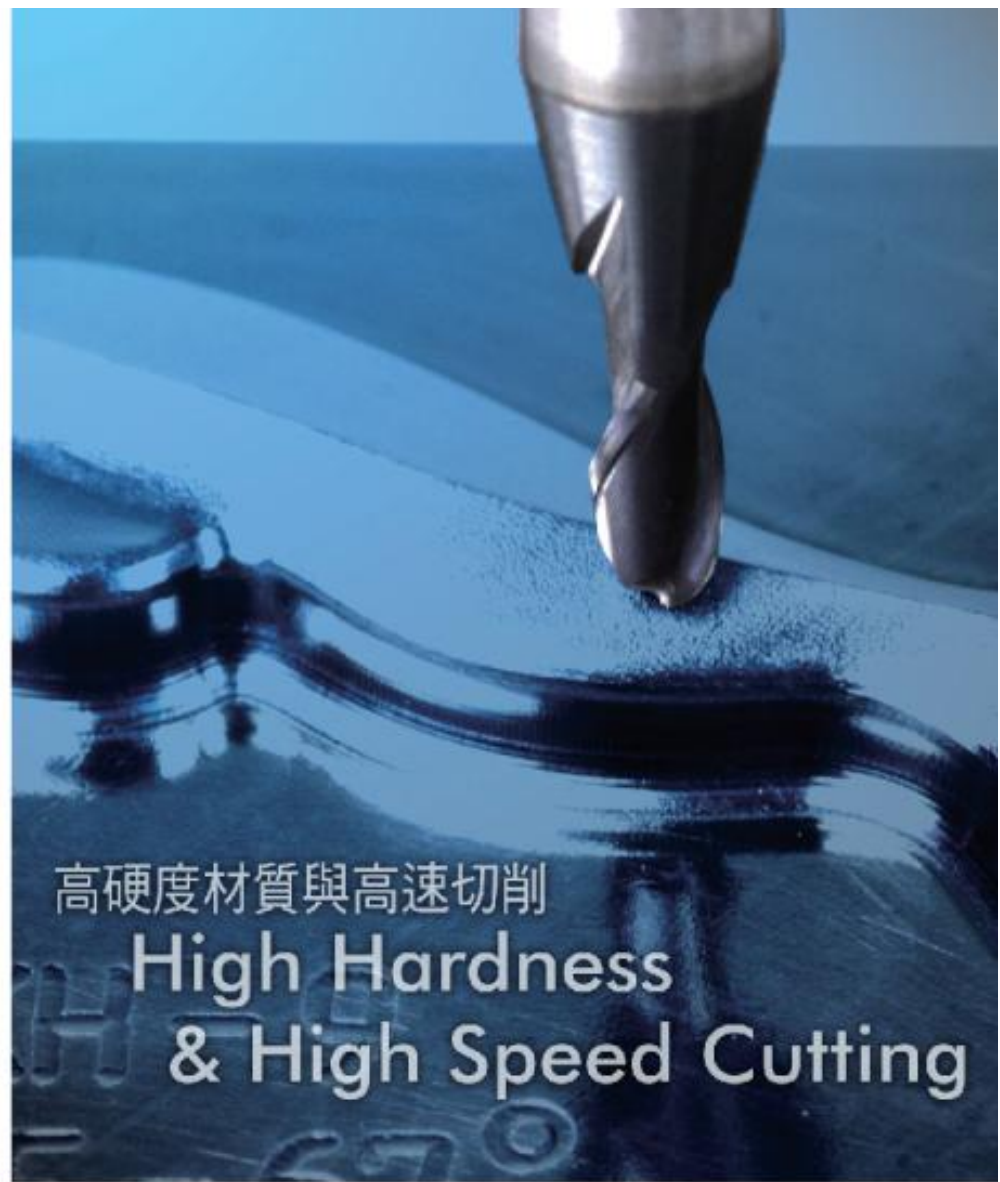


螺紋銑刀切削  
Thread Mill

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High Hardness  
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高硬度材質與高速切削  
High Hardness  
& High Speed Cutting



### Ball Nose End Mills for High Hardness 高速高硬度專用球頭立銑刀

Type No. 型號	Diameter 直徑	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
NZB0104	R0.5	2	50	4
NZB0106	R0.5	2	50	6
NZB0154	R0.75	3	50	4
NZB0156	R0.75	3	50	6
NZB0204	R1.0	4	50	4
NZB0206	R1.0	4	50	6
NZB0254	R1.25	5	50	4
NZB0256	R1.25	5	50	6
NZB0304	R1.5	6	50	4
NZB0306	R1.5	6	50	6
NZB0404	R2.0	8	50	4
NZB0406	R2.0	8	50	6
NZB0500	R2.5	10	50	6
NZB0600	R3.0	12	50	6
NZB0800	R4.0	16	60	8
NZB1000	R5.0	20	75	10
NZB1200	R6.0	24	75	12

unit: mm



### Ball Nose End Mills for High Hardness 高速高硬度專用球頭立銑刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
NXB0204	R1.0	4	50	4
NXB0206	R1.0	4	50	6
NXB0304	R1.5	6	50	4
NXB0306	R1.5	6	50	6
NXB0404	R2.0	8	50	4
NXB0406	R2.0	8	50	6
NXB050	R2.5	10	50	6
NXB060	R3.0	12	50	6
NXB080	R4.0	16	60	8
NXB100	R5.0	20	75	10
NXB120	R6.0	24	75	12

unit : mm



### Ball Nose End Mills for High Hardness 高速高硬度專用球頭立銑刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	Neck Dia 頸徑	Flute Length 有效長	O.A.L. 全長	Shank Dia 柄徑
NZAB015	R0.75	2	1.44	5	50	4
NZAB0206	R1.0	3	1.92	6	50	6
NZAB0306	R1.5	4	2.90	8	50	6
NZAB0306H	R1.5	4	2.90	8	75	6
NZAB0404	R2	5	3.88	11	50	4
NZAB0406	R2	5	3.88	11	50	6
NZAB0406H	R2	5	3.88	11	75	6
NZAB060	R3	6	5.84	12	50	6
NZAB060I	R3	6	5.84	16	100	6
NZAB060H	R3	6	5.84	12	75	6
NZAB080	R4	8	7.8	16	60	8
NZAB080I	R4	8	7.8	25	100	8
NZAB100	R5	10	9.7	20	75	10
NZAB100I	R5	10	9.7	30	100	10

unit: mm



## Ball Nose End Mills for High Hardness 高速高硬度專用球頭立銑刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	Neck Dia 頸徑	Effective Length 有效長	O.A.L. 全長	Shank Dia 柄徑
NZDB0102	R0.5	1	0.96	2.5	50	6
NZDB0152	R0.75	1.5	1.46	4	50	6
NZDB0202	R1	2	1.96	6	60	6
NZDB0252	R1.25	2.5	2.46	6	60	6
NZDB0302	R1.5	3	2.96	8	60	6
NZDB0352	R1.75	3.5	3.46	8	60	6
NZDB0402	R2	4	3.96	8	60	6
NZDB0502	R2.5	5	4.96	12	60	6
NZDB0602	R3	6	5.96	13	60	6
NZDB0802	R4	8	7.85	14	60	8
NZDB1002	R5	10	9.85	18	75	10
NZDB1202	R6	12	11.85	22	75	12

unit : mm



## Ball Nose End Mills Long Shank 長柄球頭立銑刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
NZHB020	R1.0	4.0	75	6
NZHB030	R1.5	6.0	75	6
NZHB040	R2.0	8.0	75	6
NZHB050	R2.5	10.0	75	6
NZHB060	R3.0	12.0	75	6
NZHB080	R4.0	16.0	75	8
NZIB060	R3.0	9.0	100	6
NZIB080	R4.0	12.0	100	8
NZIB100	R5.0	15.0	100	10
NZIB120	R6.0	18.0	100	12

unit : mm



## Ball Nose End Mills Micor Diameter 微小徑球頭立銑刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
NZUB002	R0.1	0.4	40	4
NZUB003	R0.15	0.6	40	4
NZUB004	R0.2	0.8	40	4
NZUB005	R0.25	1.0	40	4
NZUB006	R0.3	1.2	40	4
NZUB007	R0.35	1.4	40	4
NZUB008	R0.4	1.6	40	4
NZUB010	R0.5	2	50	4
NZUB012	R0.6	2.4	50	4
NZUB015	R0.75	3	50	4
NZUB016	R0.8	3.2	50	4
NZUB020	R1.0	4	50	4

unit : mm



### Ball Nose End Mills Long Neck 深溝球頭立銑刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	Neck Dia 頸徑	Effective Length 有效長	O.A.L. 全長	Shank Dia 柄徑
NZYB02005	R0.1	0.2	0.16	0.5	50	4
NZYB02010	R0.1	0.2	0.16	1.0	50	4
NZYB02015	R0.1	0.2	0.16	1.5	50	4
NZYB03010	R0.15	0.3	0.26	1.0	50	4
NZYB03020	R0.15	0.3	0.26	2.0	50	4
NZYB04010	R0.2	0.4	0.36	1.0	50	4
NZYB04020	R0.2	0.4	0.36	2.0	50	4
NZYB04030	R0.2	0.4	0.36	3.0	50	4
NZYB05020	R0.25	0.5	0.46	2.0	50	4
NZYB05040	R0.25	0.5	0.46	4.0	50	4
NZYB05060	R0.25	0.5	0.46	6.0	50	4
NZYB06020	R0.3	1.0	0.56	2.0	50	4
NZYB06040	R0.3	1.0	0.56	4.0	50	4
NZYB06060	R0.3	1.0	0.56	6.0	50	4
NZYB08040	R0.4	1.1	0.76	4.0	50	4
NZYB08060	R0.4	1.1	0.76	6.0	50	4
NZYB08080	R0.4	1.1	0.76	8.0	50	4
NZYB1006	R0.5	1.5	0.95	6.0	50	4
NZYB1008	R0.5	1.5	0.95	8.0	50	4
NZYB1010	R0.5	1.5	0.95	10.0	50	4



NZYB1010	R0.5	1.5	0.95	10.0	50	4
NZYB1012	R0.5	1.5	0.95	12.0	50	4
NZYB1208	R0.6	1.8	1.15	8.0	50	4
NZYB1210	R0.6	1.8	1.15	10.0	50	4
NZYB1212	R0.6	1.8	1.15	12.0	50	4
NZYB1506	R0.75	2.2	1.44	6.0	50	4
NZYB1508	R0.75	2.2	1.44	8.0	50	4
NZYB1510	R0.75	2.2	1.44	10.0	50	4
NZYB1512	R0.75	2.2	1.44	12.0	50	4
NZYB1516	R0.75	2.2	1.44	16.0	50	4
NZYB1520	R0.75	2.2	1.44	20.0	50	4
NZYB2008	R1.0	3	1.92	8.0	50	4
NZYB2010	R1.0	3	1.92	10.0	50	4
NZYB2012	R1.0	3	1.92	12.0	50	4
NZYB2016	R1.0	3	1.92	16.0	50	4
NZYB2020	R1.0	3	1.92	20.0	50	4
NZYB3008	R1.5	4	2.90	8.0	50	6
NZYB3010	R1.5	4	2.90	10.0	50	6
NZYB3012	R1.5	4	2.90	12.0	50	6
NZYB3016	R1.5	4	2.90	16.0	50	6
NZYB3020	R1.5	4	2.90	20.0	60	6
NZYB3025	R1.5	4	2.90	25.0	60	6
NZYB4010	R2.0	5	3.90	10.0	50	6
NZYB4012	R2.0	5	3.90	12.0	50	6
NZYB4016	R2.0	5	3.90	16.0	50	6
NZYB4020	R2.0	5	3.90	20.0	60	6
NZYB4025	R2.0	5	3.90	25.0	75	6
NZYB4030	R2.0	5	3.90	30.0	75	6

unit : mm



### Ball Nose END MILLS for High Speed 高速專用球頭立銼刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
TXB0104	R0.5	2	50	4
TXB0103	R0.5	2	50	3
TXB0154	R0.75	3	50	4
TXB0153	R0.75	3	50	3
TXB0204	R1.0	4	50	4
TXB0203	R1.0	4	50	3
TXB0254	R1.25	5	50	4
TXB0304	R1.5	6	50	4
TXB0303	R1.5	6	50	3
TXB0404	R2.0	8	50	4
TXB0406	R2.0	8	50	6
TXB0500	R2.5	10	50	6
TXB0600	R3.0	12	50	6
TXB0800	R4.0	16	60	8
TXB1000	R5.0	20	75	10
TXB1200	R6.0	24	75	12

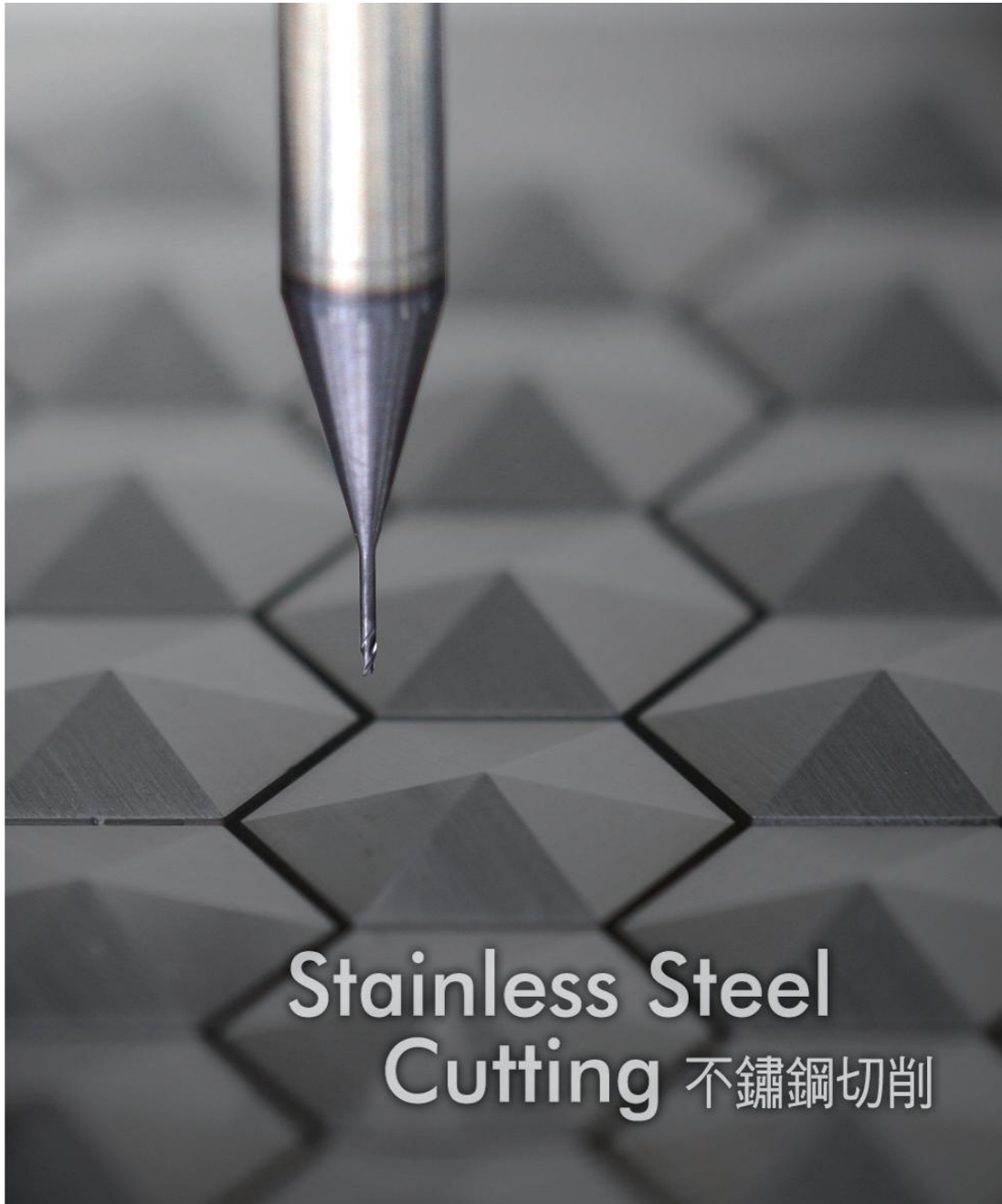
unit : mm



### Ball Nose END MILLS for High Speed 高速專用球頭立銼刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
TZB0104	R0.5	2	50	4
TZB0103	R0.5	2	50	3
TZB0106	R0.5	2	50	6
TZB0154	R0.75	3	50	4
TZB0153	R0.75	3	50	3
TZB0156	R0.75	3	50	6
TZB0204	R1.0	4	50	4
TZB0203	R1.0	4	50	3
TZB0206	R1.0	4	50	6
TZB0254	R1.25	5	50	4
TZB0256	R1.25	5	50	6
TZB0304	R1.5	6	50	4
TZB0303	R1.5	6	50	3
TZB0306	R1.5	6	50	6
TZB0404	R2.0	8	50	4
TZB0406	R2.0	8	50	6
TZB050	R2.5	10	50	6
TZB060	R3.0	12	50	6
TZB080	R4.0	16	60	8
TZB100	R5.0	20	75	10
TZB120	R6.0	24	75	12

unit : mm





## END MILLS for Stainless Steel 不鏽鋼專用立銑刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
UXE010	1.0	3	50	4
UXE015	1.5	4	50	4
UXE020	2.0	6	50	6
UXE025	2.5	8	50	6
UXE030	3.0	8	50	6
UXE035	3.5	10	50	6
UXE040	4.0	11	50	6
UXE050	5.0	13	50	6
UXE060	6.0	16	50	6
UXE080	8.0	20	60	8
UXE100	10.0	25	75	10
UXE120	12.0	30	75	12

unit : mm



### END MILLS Micro Diameter for Stainless Steel 不鏽鋼專用微小徑立銑刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
UME002	0.2	0.4	50	4
UME003	0.3	0.6	50	4
UME004	0.4	0.8	50	4
UME005	0.5	1.0	50	4
UME006	0.6	1.2	50	4
UME007	0.7	1.4	50	4
UME008	0.8	1.6	50	4
UME009	0.9	1.8	50	4
UME010	1.0	2.5	50	4
UME012	1.2	3.0	50	4
UME014	1.4	3.5	50	4
UME015	1.5	4.0	50	4
UME016	1.6	4.0	50	4
UME018	1.8	5.0	50	4

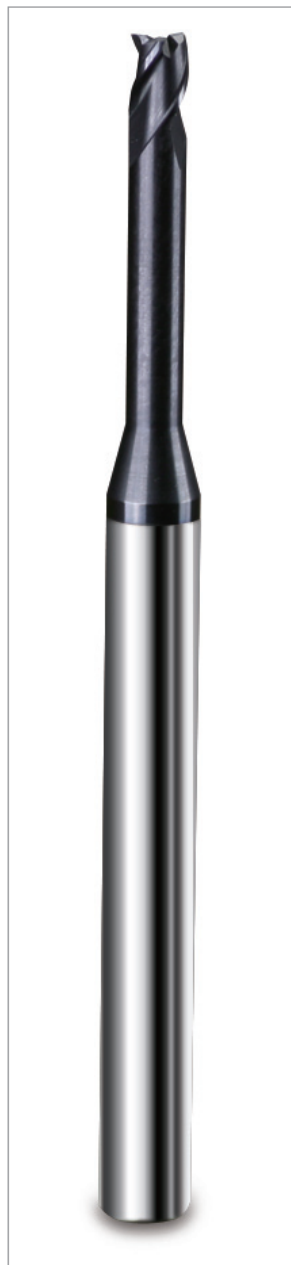
unit : mm



## END MILLS Long neck for Stainless Steel 不鏽鋼專用深溝立銑刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	Neck Dia 頸徑	Effective Length 有效長	O.A.L. 全長	Shank Dia 柄徑
UXYE1006	1.0	1.5	0.95	6	50	4
UXYE1008	1.0	1.5	0.95	8	50	4
UXYE1010	1.0	1.5	0.95	10	50	4
UXYE1012	1.0	1.5	0.95	12	50	4
UXYE1508	1.5	2	1.44	8	50	4
UXYE1510	1.5	2	1.44	10	50	4
UXYE1512	1.5	2	1.44	12	50	4
UXYE1516	1.5	2	1.44	16	50	4
UXYE2008	2.0	3	1.92	8	50	4
UXYE2010	2.0	3	1.92	10	50	4
UXYE2012	2.0	3	1.92	12	50	4
UXYE2016	2.0	3	1.92	16	50	4
UXYE2020	2.0	3	1.92	20	50	4
UXYE2510	2.5	3	2.42	10	50	4
UXYE2512	2.5	3	2.42	12	50	4
UXYE2516	2.5	3	2.42	16	50	4
UXYE2520	2.5	3	2.42	20	50	4
UXYE3010	3.0	4	2.90	10	50	6
UXYE3012	3.0	4	2.90	12	50	6
UXYE3016	3.0	4	2.90	16	50	6
UXYE3020	3.0	4	2.90	20	60	6
UXYE3025	3.0	4	2.90	25	60	6

unit : mm



## END MILLS Long neck for Stainless Steel 不鏽鋼專用深溝立銑刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	Neck Dia 頸徑	Effective Length 有效長	O.A.L. 全長	Shank Dia 柄徑
UKYE1006	1.0	1.5	0.95	6	50	4
UKYE1008	1.0	1.5	0.95	8	50	4
UKYE1010	1.0	1.5	0.95	10	50	4
UKYE1012	1.0	1.5	0.95	12	50	4
UKYE1508	1.5	2	1.44	8	50	4
UKYE1510	1.5	2	1.44	10	50	4
UKYE1512	1.5	2	1.44	12	50	4
UKYE1516	1.5	2	1.44	16	50	4
UKYE2008	2.0	3	1.92	8	50	4
UKYE2010	2.0	3	1.92	10	50	4
UKYE2012	2.0	3	1.92	12	50	4
UKYE2016	2.0	3	1.92	16	50	4
UKYE2020	2.0	3	1.92	20	50	4
UKYE2510	2.5	3	2.42	10	50	4
UKYE2512	2.5	3	2.42	12	50	4
UKYE2516	2.5	3	2.42	16	50	4
UKYE2520	2.5	3	2.42	20	50	4
UKYE3010	3.0	4	2.90	10	50	6
UKYE3012	3.0	4	2.90	12	50	6
UKYE3016	3.0	4	2.90	16	50	6
UKYE3020	3.0	4	2.90	20	60	6
UKYE3025	3.0	4	2.90	25	60	6

unit : mm



# ▶ UKE

DIN  
6535HA

Super  
MG

45°

3 Flutes

HRC  
▶58



## END MILLS for Stainless Steel 不鏽鋼專用立銑刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
UKE020	2.0	6.0	50	4
UKE030	3.0	8.0	50	4
UKE040	4.0	11.0	50	4
UKE050	5.0	13.0	50	6
UKE060	6.0	16.0	50	6
UKE080	8.0	20.0	60	8
UKE100	10.0	25.0	75	10
UKE120	12.0	30.0	75	12
UKE160	16.0	40.0	100	16
UKE200	20.0	45.0	100	20

unit : mm



### END MILLS for Stainless Steel 不鏽鋼專用立銑刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑	Flute 刃數
UVE0606	6.0	15.0	50	6	6T
UVE0806	8.0	20.0	60	8	6T
UVE1008	10.0	30.0	75	10	8T
UVE1208	12.0	30.0	75	12	8T
UVE1608	16.0	40.0	100	16	8T
UVE2008	20.0	45.0	100	20	8T

unit : mm

# ▶ UXHE.UXIE



## END MILLS Long Shank for Stainless Steel 不鏽鋼專用長柄立銑刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
UXHE050	5.0	13	75	6
UXHE060	6.0	16	75	6
UXHE080	8.0	20	75	8
UXIE050	5.0	13	100	6
UXIE060	6.0	16	100	6
UXIE080	8.0	20	100	8
UXIE100	10.0	25	100	10
UXIE120	12.0	30	100	12

unit : mm



## END MILLS for Stainless Steel 不鏽鋼專用球頭立銑刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
UZB0104	R0.5	2	50	4
UZB0106	R0.5	2	50	6
UZB0154	R0.75	3	50	4
UZB0156	R0.75	3	50	6
UZB0204	R1.0	4	50	4
UZB0206	R1.0	4	50	6
UZB0254	R1.25	5	50	4
UZB0256	R1.25	5	50	6
UZB0304	R1.5	6	50	4
UZB0303	R1.5	6	50	3
UZB0306	R1.5	6	50	6
UZB0404	R2.0	8	50	4
UZB0406	R2.0	8	50	6
UZB050	R2.5	10	50	6
UZB060	R3.0	12	50	6
UZB080	R4.0	16	60	8
UZB100	R5.0	20	75	10
UZB120	R6.0	24	75	12

unit : mm

# ▶ UZYB



## Ball Nose END MILLS for Stainless Steel 不鏽鋼專用深溝球頭立銼刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	Neck Dia 頸徑	Effective Length 有效長	O.A.L. 全長	Shank Dia 柄徑
UZYB02005	R0.1	0.2	0.16	0.5	50	4
UZYB02010	R0.1	0.2	0.16	1.0	50	4
UZYB02015	R0.1	0.2	0.16	1.5	50	4
UZYB02015	R0.1	0.2	0.16	1.5	50	4
UZYB03010	R0.15	0.3	0.26	1.0	50	4
UZYB03020	R0.15	0.3	0.26	2.0	50	4
UZYB04010	R0.2	0.4	0.36	1.0	50	4
UZYB04020	R0.2	0.4	0.36	2.0	50	4
UZYB04030	R0.2	0.4	0.36	3.0	50	4
UZYB05020	R0.25	0.5	0.46	2.0	50	4
UZYB05040	R0.25	0.5	0.46	4.0	50	4
UZYB05060	R0.25	0.5	0.46	6.0	50	4
UZYB06020	R0.3	1.0	0.56	2.0	50	4
UZYB06040	R0.3	1.0	0.56	4.0	50	4
UZYB06060	R0.3	1.0	0.56	6.0	50	4
UZYB08040	R0.4	1.1	0.76	4.0	50	4
UZYB08060	R0.4	1.1	0.76	6.0	50	4
UZYB08080	R0.4	1.1	0.76	8.0	50	4
UZYB1006	R0.5	1.5	0.95	6	50	4
UZYB1008	R0.5	1.5	0.95	8	50	4
UZYB1010	R0.5	1.5	0.95	10	50	4
UZYB1012	R0.5	1.5	0.95	12	50	4

UZYB1208	R0.6	1.8	1.15	8	50	4
UZYB1210	R0.6	1.8	1.15	10	50	4
UZYB1212	R0.6	1.8	1.15	12	50	4
UZYB1506	R0.75	2.2	1.44	6	50	4
UZYB1508	R0.75	2.2	1.44	8	50	4
UZYB1510	R0.75	2.2	1.44	10	50	4
UZYB1512	R0.75	2.2	1.44	12	50	4
UZYB1516	R0.75	2.2	1.44	16	50	4
UZYB1520	R0.75	2.2	1.44	20	50	4
UZYB2008	R1.0	3	1.92	8	50	4
UZYB2010	R1.0	3	1.92	10	50	4
UZYB2012	R1.0	3	1.92	12	50	4
UZYB2016	R1.0	3	1.92	16	50	4
UZYB2020	R1.0	3	1.92	20	50	4
UZYB3008	R1.5	4	2.90	8	50	6
UZYB3010	R1.5	4	2.90	10	50	6
UZYB3012	R1.5	4	2.90	12	50	6
UZYB3016	R1.5	4	2.90	16	50	6
UZYB3020	R1.5	4	2.90	20	60	6
UZYB3025	R1.5	4	2.90	25	60	6
UZYB4010	R2.0	5	3.90	10	50	6
UZYB4012	R2.0	5	3.90	12	50	6
UZYB4016	R2.0	5	3.90	16	50	6
UZYB4020	R2.0	5	3.90	20	60	6
UZYB4025	R2.0	5	3.90	25	75	6
UZYB4030	R2.0	5	3.90	30	75	6

unit : mm



## END MILLS Micor Diameter for Stainless Steel 不鏽鋼專用微小徑球頭立銼刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
UZUB002	R0.1	0.4	50	4
UZUB003	R0.15	0.6	50	4
UZUB004	R0.2	0.8	50	4
UZUB005	R0.25	1.0	50	4
UZUB006	R0.3	1.2	50	4
UZUB007	R0.35	1.4	50	4
UZUB008	R0.4	1.6	50	4
UZUB010	R0.5	2.0	50	4
UZUB012	R0.6	2.4	50	4
UZUB013	R0.65	2.6	50	4
UZUB014	R0.7	2.8	50	4
UZUB015	R0.75	3.0	50	4
UZUB016	R0.8	3.2	50	4
UZUB018	R0.9	3.6	50	4

unit: mm

# UXSR



## END MILLS Corner Radius for Stainless Steel 不鏽鋼專用圓鼻立銑刀

Type NO. 型號	Diameter 直徑	Corner R R角	Flute Length 刃長	Neck Dia 頸徑	Effective Length 有效長	O.A.L. 全長	Shank Dia 柄徑
UXSR0305	3.0	R0.5	6	2.9	12	50	4
UXSR0403	4.0	R0.3	6	3.9	12	50	6
UXSR0405	4.0	R0.5	6	3.9	12	50	6
UXSR0603	6.0	R0.3	8	5.84	18	50	6
UXSR0605	6.0	R0.5	8	5.84	18	50	6
UXSR0605H	6.0	R0.5	6	5.84	18	75	6
UXSR0610	6.0	R1.0	8	5.84	18	50	6
UXSR0610H	6.0	R1.0	6	5.84	18	75	6
UXSR0803	8.0	R0.3	10	7.76	24	60	8
UXSR0805	8.0	R0.5	10	7.76	24	60	8
UXSR0805H	8.0	R0.5	8	7.76	24	75	8
UXSR0810	8.0	R1.0	10	7.76	24	60	8
UXSR0810H	8.0	R1.0	8	7.76	24	75	8
UXSR1005	10.0	R0.5	12	9.68	30	75	10
UXSR1005I	10.0	R0.5	10	9.68	30	100	10
UXSR1010	10.0	R1.0	12	9.68	30	75	10
UXSR1010I	10.0	R1.0	10	9.68	30	100	10
UXSR1020	10.0	R2.0	12	9.68	30	75	10

unit : mm



# ▶ UXR



## END MILLS Corner Radius for Stainless Steel 不銹鋼專用圓鼻立銼刀

Type NO. 型號	Diameter 直徑	Corner R R角	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
UXR0305	3.0	R0.5	8	50	6
UXR04056	4.0	R0.5	10	50	6
UXR0505	5.0	R0.5	13	50	6
UXR0510	5.0	R1.0	13	50	6
UXR0605	6.0	R0.5	16	50	6
UXR0610	6.0	R1.0	16	50	6
UXR0805	8.0	R0.5	20	60	8
UXR0810	8.0	R1.0	20	60	8
UXR1005	10.0	R0.5	25	75	10
UXR1010	10.0	R1.0	25	75	10
UXR1020	10.0	R2.0	25	75	10
UXR1210	12.0	R1.0	30	75	12
UXR1220	12.0	R2.0	30	75	12

unit : mm

# UXLR

DIN  
6535HA

Super  
MG

45°

4 Flutes

R

HRC  
58



## END MILLS Long Shank Corner Radius for Stainless Steel 不鏽鋼專用長柄圓鼻立銼刀

Type NO. 型號	Diameter 直徑	Corner R R角	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
UXLR0605	6.0	R0.5	16	75	6
UXLR0610	6.0	R1.0	16	75	6
UXLR0805	8.0	R0.5	20	100	8
UXLR0810	8.0	R1.0	20	100	8
UXLR1005	10.0	R0.5	25	100	10
UXLR1010	10.0	R1.0	25	100	10
UXLR1020	10.0	R2.0	25	100	10
UXLR1205	12.0	R0.5	30	100	12
UXLR1210	12.0	R1.0	30	100	12
UXLR1220	12.0	R2.0	30	100	12

unit : mm

# ▶ UXB

DIN  
6535HA

Super  
MG

0.4  
μm

30°

4 Flutes

HRC  
▶ 58



## Ball Nose END MILLS for Stainless Steel 不鏽鋼專用球頭立銼刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
UXB010	R0.5	2	50	4
UXB015	R0.75	3	50	4
UXB020	R1.0	4	50	4
UXB025	R1.25	5	50	4
UXB030	R1.5	6	50	4
UXB040	R2.0	8	50	4
UXB0406	R2.0	8	50	6
UXB050	R2.5	10	50	6
UXB060	R3.0	12	50	6
UXB080	R4.0	16	60	8
UXB100	R5.0	20	75	10
UXB120	R6.0	24	75	12

unit : mm

**UVR**



**END MILLS** Corner Radius for Stainless Steel 不鏽鋼專用圓鼻立銼刀

Type NO. 型號	Diameter 直徑	Corner R R角	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
UVR0605	6.0	R0.5	16.0	50	6
UVR0610	6.0	R1.0	16.0	50	6
UVR0805	8.0	R0.5	20.0	60	8
UVR0810	8.0	R1.0	20.0	60	8
UVR1010	10.0	R1.0	25.0	75	10
UVR1210	12.0	R1.0	30.0	75	12
UVR1620	16.0	R2.0	45.0	100	16

unit : mm



## END MILLS Long Neck .Corner Radius for Stainless Steel 不鏽鋼專用深溝圓鼻立銼刀

Type NO. 型號	Diameter 直徑	Corner R R角	Flute Length 刃長	Neck Dia 頸徑	Effective Length 有效長	O.A.L. 全長	Shank Dia 柄徑
UZYZR0402S	0.4	R0.1	0.6	0.37	2	50	4
UZYZR0404S	0.4	R0.1	0.6	0.37	4	50	4
UZYZR0502S	0.5	R0.1	0.7	0.46	2	50	4
UZYZR0504S	0.5	R0.1	0.7	0.46	4	50	4
UZYZR0604S	0.6	R0.1	0.9	0.56	4	50	4
UZYZR0606S	0.6	R0.1	0.9	0.56	6	50	4
UZYZR0704S	0.7	R0.1	1.0	0.66	4	50	4
UZYZR0706S	0.7	R0.1	1.0	0.66	6	50	4
UZYZR0804S	0.8	R0.1	1.2	0.76	4	50	4
UZYZR0806S	0.8	R0.1	1.2	0.76	6	50	4
UZYZR0904S	0.9	R0.1	1.4	0.86	4	50	4
UZYZR0906S	0.9	R0.1	1.4	0.86	4	50	4
UZYZR1004S	1.0	R0.1	1.5	0.95	6	50	4
UZYZR1006S	1.0	R0.1	1.5	0.95	6	50	4
UZYZR1008S	1.0	R0.1	1.5	0.95	8	50	4
UZYZR1010S	1.0	R0.1	1.5	0.95	10	50	4
UZYZR1012S	1.0	R0.1	1.5	0.95	12	50	4
UZYZR1004	1.0	R0.2	1.5	0.95	4	50	4
UZYZR1006	1.0	R0.2	1.5	0.95	6	50	4
UZYZR1008	1.0	R0.2	1.5	0.95	8	50	4
UZYZR1010	1.0	R0.2	1.5	0.95	10	50	4
UZYZR1012	1.0	R0.2	1.5	0.95	12	50	4
UZYZR1508	1.5	R0.2	2.0	1.44	8	50	4
UZYZR1510	1.5	R0.2	2.0	1.44	10	50	4

UZYR1516	1.5	R0.2	2.0	1.44	16	50	4
UZYR2008	2.0	R0.2	3.0	1.92	8	50	4
UZYR2010	2.0	R0.2	3.0	1.92	10	50	4
UZYR2012	2.0	R0.2	3.0	1.92	12	50	4
UZYR2016	2.0	R0.2	3.0	1.92	16	50	4
UZYR2020	2.0	R0.2	3.0	1.92	20	50	4
UZYR2510	2.5	R0.2	3.0	2.40	10	50	4
UZYR2512	2.5	R0.2	3.0	2.40	12	50	4
UZYR2516	2.5	R0.2	3.0	2.40	16	50	4
UZYR2520	2.5	R0.2	3.0	2.40	20	50	4
UZYR3010	3.0	R0.2	4.0	2.90	10	50	6
UZYR3012	3.0	R0.2	4.0	2.90	12	50	6
UZYR3016	3.0	R0.2	4.0	2.90	16	50	6
UZYR3020	3.0	R0.2	4.0	2.90	20	60	6
UZYR3025	3.0	R0.2	4.0	2.90	25	60	6

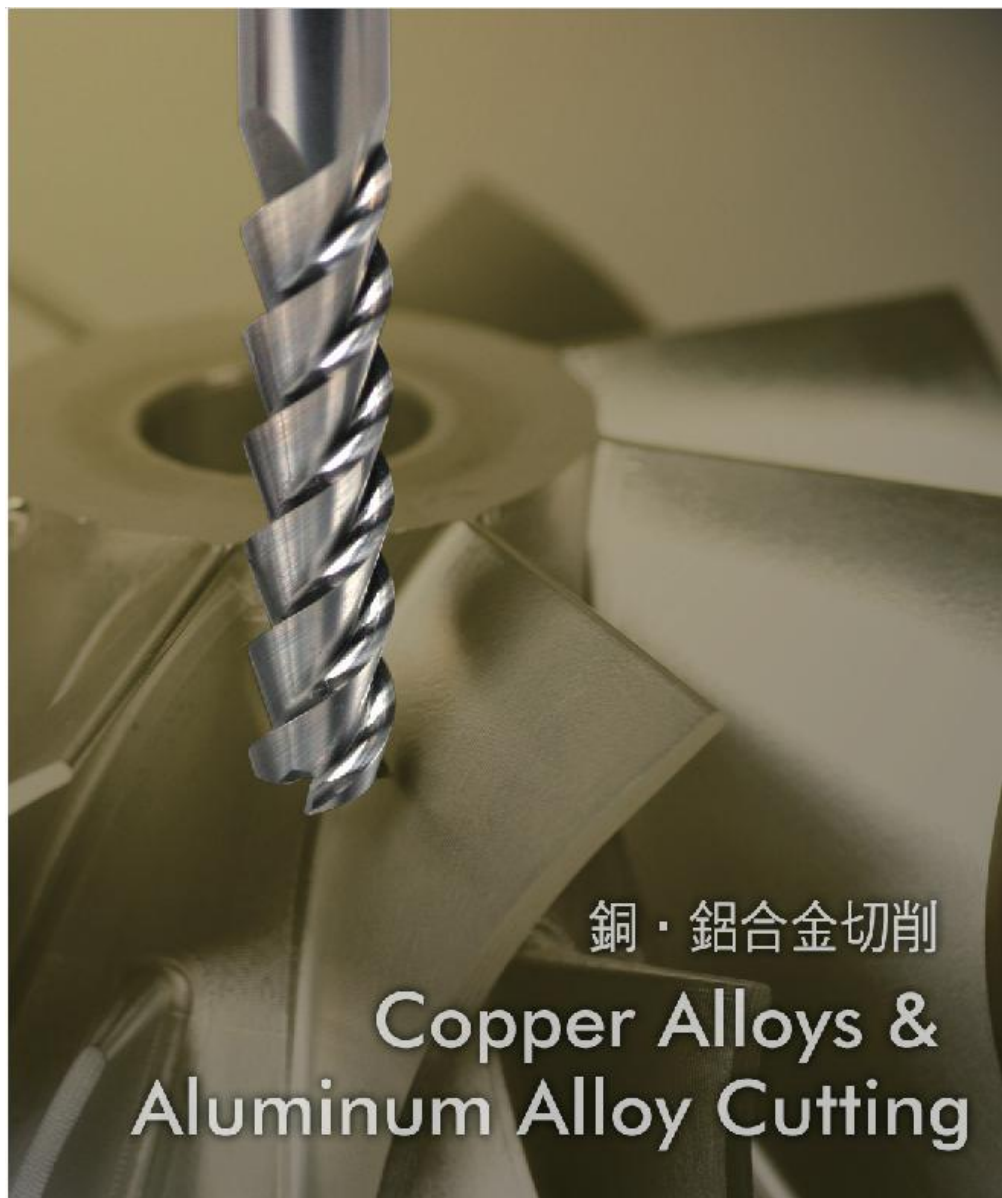
unit : mm

螺紋銑刀切削  
Thread Mill

高硬度材質與高速切削  
High Hardness  
& High Speed Cutting

不鏽鋼及鈦合金切削  
Stainless Steel &  
Titanium Alloy Cutting

銅·鋁合金切削  
Copper Alloy &  
Aluminum Alloy Cutting



# SZOE

DIN  
6359HA

MG

0.6  
μm

45°

2 Flute

H



## END MILLS For Copper Alloy 銅合金專用立銑刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
SZOE005	0.5	1.5	50	4
SZOE010	1.0	3.0	50	4
SZOE015	1.5	4.0	50	4
SZOE020	2.0	6.0	50	4
SZOE030	3.0	8.0	50	4
SZOE040	4.0	12.0	50	4
SZOE050	5.0	16.0	50	6
SZOE060	6.0	18.0	50	6
SZOE080	8.0	22.0	60	8
SZOE100	10.0	28.0	75	10
SZOE120	12.0	30.0	75	12

unit : mm





## END MILLS For Copper Alloy 銅合金專用立銑刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
SKOE020	2.0	6.0	50	4
SKOE030	3.0	8.0	50	4
SKOE040	4.0	12.0	50	4
SKOE050	5.0	16.0	50	6
SKOE060	6.0	18.0	50	6
SKOE080	8.0	20.0	60	8
SKOE100	10.0	25.0	75	10
SKOE120	12.0	30.0	75	12
SKOE160	16.0	40.0	100	16

unit : mm



## END MILLS For Aluminum Alloy Processing 鋁合金專用立銑刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
SKDE010	1.0	3.0	50	4
SKDE0106	1.0	3.0	50	6
SKDE015	1.5	4.5	50	4
SKDE020	2.0	6.0	50	4
SKDE0206	2.0	6.0	50	6
SKDE025	2.5	7.5	50	6
SKDE030	3.0	9.0	50	4
SKDE0306	3.0	9.0	50	4
SKDE040	4.0	12.0	50	4
SKDE0406	4.0	12.0	50	6
SKDE050	5.0	16.0	50	6
SKDE060	6.0	18.0	50	6
SKDE080	8.0	20.0	60	8
SKDE100	10.0	30.0	75	10
SKDE120	12.0	30.0	75	12
SKDE160	16.0	40.0	100	16

unit : mm

# SZDE



## END MILLS For Aluminum Alloy Processing 鋁合金專用立銑刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
SZDE010	1.0	3.0	50	4
SZDE0106	1.0	3.0	50	6
SZDE015	1.5	4.5	50	4
SZDE020	2.0	6.0	50	4
SZDE0206	2.0	6.0	50	6
SZDE025	2.5	7.5	50	6
SZDE030	3.0	9.0	50	4
SZDE0306	3.0	9.0	50	4
SZDE040	4.0	12.0	50	4
SZDE040	4.0	12.0	50	6
SZDE050	5.0	16.0	50	6
SZDE060	6.0	18.0	50	6
SZDE080	8.0	20.0	60	8
SZDE100	10.0	30.0	75	10
SZDE120	12.0	30.0	75	12
SZDE160	16.0	40.0	100	16

unit : mm



# SKHE.SKIE.SKJE



## END MILLS Long Shank For Aluminum Alloy Processing 鋁合金專用長柄立銼刀

Type NO. 型號	Diameter 直徑	Flute Length 刃長	O.A.L. 全長	Shank Dia 柄徑
SKHE060	6.0	25	75	6
SKHE080	8.0	32	75	8
SKIE080	8.0	35	100	8
SKIE100	10.0	45	100	10
SKIE120	12.0	45	100	12
SKJE100	16.0	65	150	16
SKJE120	20.0	75	150	20

unit : mm



*Thanks for your attentions.*

