X-UPS

Super MG | 0.4 μm | 45° | 4 Flutes | HRc ▸60 | G10

無敵高效能立銑刀頭 End Mills

Heavy Duty

型號 Type No.	D1 直徑 Diameter	L1 刃長 Flute Length	D2 頸徑 Neck Dia.	L2 全長 O.A.L.	M 螺牙 Thread Size	鎖固扳手型號 Screw Driver Type No.
X-UPS0804	8.0	8.0	7.8	12.1	M 5 -3P	K08
X-UPS1004	10.0	10.0	9.8	16.1	M 7 -3P	K10
X-UPS1204	12.0	12.0	11.7	20.3	M 8 -3P	K12
X-UPS1604	16.0	16.0	15.6	25.7	M10-3P	K16
X-UPS2004	20.0	20.0	19.5	31.1	M12-3P	K20
X-UPS2504	25.0	25.0	24.4	39.3	M16-3P	K25
X-UPS3204	32.0	32.0	31.2	48.0	M20-3P	K32

X-UPR

Super MG | 0.2 μm | 25° | R | 4 Flutes | HRc ▸65 | G15

高硬度用圓鼻角立銑刀頭 End Mills

Corner Radius

型號 Type No.	D1 直徑 Diameter	L1 刃長 Flute Length	R 圓鼻角 Corner R	D2 頸徑 Neck Dia.	L2 全長 O.A.L.	M 螺牙 Thread Size	鎖固扳手型號 Screw Driver Type No.
X-UPR0805	8.0	8.0	0.5	7.8	12.1	M 5 -3P	K08
X-UPR0810	8.0	8.0	1.0	7.8	12.1	M 5 -3P	K08
X-UPR1005	10.0	10.0	0.5	9.8	16.1	M 7 -3P	K10
X-UPR1010	10.0	10.0	1.0	9.8	16.1	M 7 -3P	K10
X-UPR1210	12.0	12.0	1.0	11.7	20.3	M 8 -3P	K12
X-UPR1220	12.0	12.0	2.0	11.7	20.3	M 8 -3P	K12
X-UPR1610	16.0	16.0	1.0	15.6	25.7	M10-3P	K16
X-UPR1620	16.0	16.0	2.0	15.6	25.7	M10-3P	K16
X-UPR1630	16.0	16.0	3.0	15.6	25.7	M10-3P	K16
X-UPR2010	20.0	20.0	1.0	19.5	31.1	M12-3P	K20
X-UPR2020	20.0	20.0	2.0	19.5	31.1	M12-3P	K20
X-UPR2030	20.0	20.0	3.0	19.5	31.1	M12-3P	K20
X-UPR2050	20.0	20.0	5.0	19.5	31.1	M12-3P	K20
X-UPR2510	25.0	25.0	1.0	24.4	39.3	M16-3P	K25
X-UPR2520	25.0	25.0	2.0	24.4	39.3	M16-3P	K25
X-UPR2530	25.0	25.0	3.0	24.4	39.3	M16-3P	K25
X-UPR2550	25.0	25.0	5.0	24.4	39.3	M16-3P	K25
X-UPR3210	32.0	32.0	1.0	31.2	48.0	M20-3P	K32
X-UPR3230	32.0	32.0	3.0	31.2	48.0	M20-3P	K32
X-UPR3250	32.0	32.0	5.0	31.2	48.0	M20-3P	K32

X-UVT

Super MG | 0.2 μm | 45° | 6 Flutes | HRc ▸65 | G15

高硬度用立銑刀頭 End Mills

High Hardened

型號 Type No.	D1 直徑 Diameter	L1 刃長 Flute Length	D2 頸徑 Neck Dia.	L2 全長 O.A.L.	M 螺牙 Thread Size	鎖固扳手型號 Screw Driver Type No.
X-UVT0806	8.0	8.0	7.8	12.1	M 5 -3P	K08
X-UVT1006	10.0	10.0	9.8	16.1	M 7 -3P	K10
X-UVT1206	12.0	12.0	11.7	20.3	M 8 -3P	K12
X-UVT1606	16.0	16.0	15.6	25.7	M10-3P	K16
X-UVT2006	20.0	20.0	19.5	31.1	M12-3P	K20
X-UVT2506	25.0	25.0	24.4	39.3	M16-3P	K25
X-UVT3206	32.0	32.0	31.2	48.0	M20-3P	K32

X-UVTR

Super MG | 0.2 μm | 45° | R | 6 Flutes | HRc ▸65 | G15

高硬度圓鼻立銑刀頭 End Mills

High Hardened

型號 Type No.	D1 直徑 Diameter	L1 刃長 Flute Length	R 圓鼻角 Corner R	D2 頸徑 Neck Dia.	L2 全長 O.A.L.	M 螺牙 Thread Size	鎖固扳手型號 Screw Driver Type No.
X-UVTR0805	8.0	8.0	0.5	7.8	12.1	M 5 -3P	K08
X-UVTR0810	8.0	8.0	1.0	7.8	12.1	M 5 -3P	K08
X-UVTR1005	10.0	10.0	0.5	9.8	16.1	M 7 -3P	K10
X-UVTR1010	10.0	10.0	1.0	9.8	16.1	M 7 -3P	K10
X-UVTR1205	12.0	12.0	0.5	11.7	20.3	M 8 -3P	K12
X-UVTR1210	12.0	12.0	1.0	11.7	20.3	M 8 -3P	K12
X-UVTR1605	16.0	16.0	0.5	15.6	25.7	M10-3P	K16
X-UVTR1610	16.0	16.0	1.0	15.6	25.7	M10-3P	K16
X-UVTR1620	16.0	16.0	2.0	15.6	25.7	M10-3P	K16
X-UVTR2010	20.0	20.0	1.0	19.5	31.1	M12-3P	K20
X-UVTR2020	20.0	20.0	2.0	19.5	31.1	M12-3P	K20
X-UVTR2030	20.0	20.0	3.0	19.5	31.1	M12-3P	K20
X-UVTR2530	25.0	25.0	3.0	24.4	39.3	M16-3P	K25
X-UVTR2550	25.0	25.0	5.0	24.4	39.3	M16-3P	K25

X-BTB 2T

MG | 0.6 μm | 30° | 2 Flutes | HRc ▸55 | T2

超微粒圓頭立銑刀頭 Ball Nose End Mills

型號 Type No.	D1 直徑 Diameter	L1 刃長 Flute Length	D2 頸徑 Neck Dia.	L2 全長 O.A.L.	M 螺牙 Thread Size	鎖固扳手型號 Screw Driver Type No.
X-BTB0802	R 4.0	8.0	7.8	12.1	M 5 -3P	K08
X-BTB1002	R 5.0	10.0	9.8	16.1	M 7 -3P	K10
X-BTB1202	R 6.0	12.0	11.7	20.3	M 8 -3P	K12
X-BTB1602	R 8.0	16.0	15.6	25.7	M10-3P	K16
X-BTB2002	R10.0	20.0	19.5	31.1	M12-3P	K20
X-BTB2502	R12.5	25.0	24.4	39.3	M16-3P	K25
X-BTB3202	R16.0	32.0	31.2	48.0	M20-3P	K32

X-BTB 3T

MG | 0.6 μm | 30° | 3 Flutes | HRc ▸55 | T2

超微粒圓頭立銑刀頭 Ball Nose End Mills

型號 Type No.	D1 直徑 Diameter	L1 刃長 Flute Length	D2 頸徑 Neck Dia.	L2 全長 O.A.L.	M 螺牙 Thread Size	鎖固扳手型號 Screw Driver Type No.
X-BTB0803	R 4.0	8.0	7.8	12.1	M 5 -3P	K08
X-BTB1003	R 5.0	10.0	9.8	16.1	M 7 -3P	K10
X-BTB1203	R 6.0	12.0	11.7	20.3	M 8 -3P	K12
X-BTB1603	R 8.0	16.0	15.6	25.7	M10-3P	K16
X-BTB2003	R10.0	20.0	19.5	31.1	M12-3P	K20
X-BTB2503	R12.5	25.0	24.4	39.3	M16-3P	K25
X-BTB3203	R16.0	32.0	31.2	48.0	M20-3P	K32