

CARBIDE THREAD MILLING TOOLS

鎢鋼銑牙刀

Professional Cutting Tools

Swiss Machine
Swiss Technology
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INSPIRE
CREATIVITY

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CARBIDE THREAD MILLING TOOLS

鎢鋼銑牙刀



Experimentally optimized edge geometry and helix angle for stronger cutting forces and more efficient machining.

經實驗優化過的刃口幾何與螺旋角，切削力更強，加工更有效率。

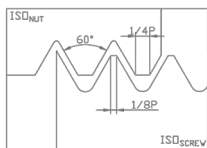
The polished groove bottom is smoother and the chips flow more smoothly.

拋光過後的溝底，更滑順，切屑流動更順暢。

CARBIDE THREAD MILLING TOOLS

HELICAL FLUTES-ISO METRIC (INTERNAL)

鎢鋼螺旋銑牙 ISO 公制 (內牙)



XFW

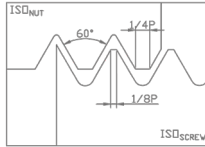
SPECIFICATION

Type No 型號	Pitch 螺距	Diameter 外徑 (D1)	Flute Length 刃長 (L1)	Flutes 刃數	Shank Dia 柄徑 (D2)	O.A.L. 全長 (L)
XFW-0405	P0.5	3.9	15	3	4	50
XFW-0407	P0.7	3.9	15	3	4	50
XFW-04075	P0.75	3.9	15	3	4	50
XFW-0408	P0.8	3.9	15	3	4	50
XFW-0410	P1.0	3.9	15	3	4	50

CARBIDE THREAD MILLING TOOLS

HELICAL FLUTES-ISO METRIC (INTERNAL)

鎢鋼螺旋銑牙 ISO 公制 (內牙)



XFW

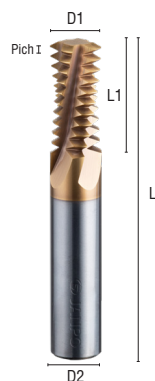
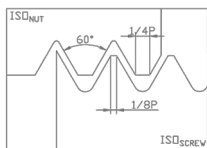
SPECIFICATION

Type No 型號	Pitch 螺距	Diameter 外徑 (D1)	Flute Length 刃長 (L1)	Flutes 刃數	Shank Dia 柄徑 (D2)	O.A.L. 全長 (L)
XFW-0605	P0.5	5.9	15	3	6	60
XFW-0607	P0.7	5.9	15	3	6	60
XFW-06075	P0.75	5.9	15	3	6	60
XFW-0608	P0.8	5.9	15	3	6	60
XFW-0610	P1.0	5.9	15	3	6	60
XFW-06125	P1.25	5.9	15	3	6	60
XFW-06127	P1.27	5.9	15	3	6	60
XFW-0615	P1.5	5.9	15	3	6	60
XFW-060793	P0.793	5.9	15	3	6	60
XFW-061058	P1.058	5.9	15	3	6	60
XFW-06127	P1.27	5.9	15	3	6	60
XFW-061411	P1.411	5.9	15	3	6	60
XFW-061587	P1.587	5.9	15	3	6	60
XFW-061814	P1.814	5.9	15	3	6	60

CARBIDE THREAD MILLING TOOLS

HELICAL FLUTES-ISO METRIC (INTERNAL)

鎢鋼螺旋銑牙 ISO 公制 (內牙)



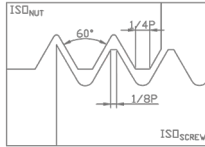
SPECIFICATION

Type No 型號	Pitch 螺距	Diameter 外徑 (D1)	Flute Length 刃長 (L1)	Flutes 刃數	Shank Dia 柄徑 (D2)	O.A.L. 全長 (L)
XFW-0805	P0.5	7.9	20	3	8	60
XFW-08075	P0.75	7.9	20	3	8	60
XFW-0810	P1.0	7.9	20	3	8	60
XFW-08125	P1.25	7.9	20	3	8	60
XFW-08127	P1.27	7.9	20	3	8	60
XFW-0815	P1.5	7.9	20	3	8	60
XFW-08175	P1.75	7.9	20	3	8	60
XFW-080793	P0.793	7.9	20	3	8	60
XFW-080907	P0.907	7.9	20	3	8	60
XFW-081058	P1.058	7.9	20	3	8	60
XFW-081336	P1.336	7.9	20	3	8	60
XFW-081414	P1.414	7.9	20	3	8	60
XFW-081814	P1.814	7.9	20	3	8	60
XFW-0820	P2.0	7.9	20	3	8	60
XFW-082116	P2.116	7.9	20	3	8	60

CARBIDE THREAD MILLING TOOLS

HELICAL FLUTES-ISO METRIC (INTERNAL)

鎢鋼螺旋銑牙 ISO 公制 (內牙)



XFW

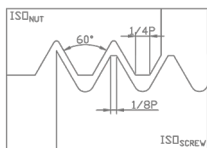
SPECIFICATION

Type No 型號	Pitch 螺距	Diameter 外徑 (D1)	Flute Length 刃長 (L1)	Flutes 刃數	Shank Dia 柄徑 (D2)	O.A.L. 全長 (L)
XFW-1005	P0.5	9.9	25	4	10	75
XFW-10075	P0.75	9.9	25	4	10	75
XFW-1010	P1.0	9.9	25	4	10	75
XFW-10125	P1.25	9.9	25	4	10	75
XFW-1015	P1.5	9.9	25	4	10	75
XFW-10175	P1.75	9.9	25	4	10	75
XFW-1020	P2.0	9.9	25	4	10	75
XFW-100907	P0.907	9.9	25	4	10	75
XFW-101058	P1.058	9.9	25	4	10	75
XFW-10127	P1.27	9.9	25	4	10	75
XFW-101414	P1.414	9.9	25	4	10	75
XFW-101587	P1.587	9.9	25	4	10	75
XFW-101814	P1.814	9.9	25	4	10	75
XFW-101953	P1.953	9.9	25	4	10	75
XFW-102116	P2.116	9.9	25	4	10	75

CARBIDE THREAD MILLING TOOLS

HELICAL FLUTES-ISO METRIC (INTERNAL)

鎢鋼螺旋銑牙 ISO 公制 (內牙)



XFW

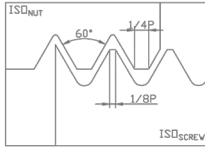
SPECIFICATION

Type No 型號	Pitch 螺距	Diameter 外徑 (D1)	Flute Length 刃長 (L1)	Flutes 刃數	Shank Dia 柄徑 (D2)	O.A.L. 全長 (L)
XFW-1210	P1.0	11.9	25	4	12	75
XFW-12125	P1.25	11.9	25	4	12	75
XFW-1215	P1.5	11.9	25	4	12	75
XFW-12175	P1.75	11.9	25	4	12	75
XFW-1220	P2.0	11.9	25	4	12	75
XFW-1225	P2.5	11.9	25	4	12	75
XFW-121058	P1.058	11.9	25	4	12	75
XFW-12127	P1.27	11.9	25	4	12	75
XFW-120793	P0.793	11.9	25	4	12	75
XFW-121587	P1.587	11.9	25	4	12	75
XFW-121814	P1.814	11.9	25	4	12	75
XFW-122309	P2.309	11.9	25	4	12	75
XFW-12127	P1.27	11.9	25	4	12	75
XFW-120793	P0.793	11.9	25	4	12	75
XFW-121587	P1.587	11.9	25	4	12	75
XFW-121814	P1.814	11.9	25	4	12	75
XFW-122309	P2.309	11.9	25	4	12	75

CARBIDE THREAD MILLING TOOLS

HELICAL FLUTES-ISO METRIC (INTERNAL)

鎢鋼螺旋銑牙 ISO 公制 (內牙)



XFW

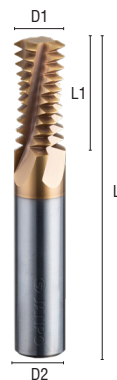
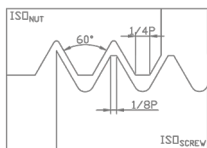
SPECIFICATION

Type No 型號	Pitch 螺距	Diameter 外徑 (D1)	Flute Length 刃長 (L1)	Flutes 刃數	Shank Dia 柄徑 (D2)	O.A.L. 全長 (L)
XFW-1610	P1.0	15.9	40	4	16	100
XFW-1615	P1.5	15.9	40	4	16	100
XFW-161814	P1.814	15.9	40	4	16	100
XFW-1620	P2.0	15.9	40	4	16	100
XFW-1625	P2.5	15.9	40	4	16	100
XFW-1630	P3.0	15.9	40	4	16	100
XFW-162116	P2.116	15.9	40	4	16	100
XFW-16254	P2.54	15.9	40	4	16	100
XFW-162822	P2.822	15.9	40	4	16	100
XFW-1635	P3.5	15.9	40	4	16	100
XFW-1640	P4.0	15.9	40	4	16	100

CARBIDE THREAD MILLING TOOLS

HELICAL FLUTES-ISO METRIC (INTERNAL)

鎢鋼螺旋銑牙 ISO 公制 (內牙)



XFW

SPECIFICATION

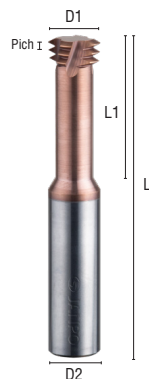
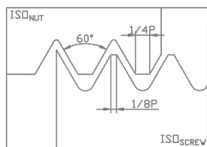
Type No 型號	Pitch 螺距	Diameter 外徑 (D1)	Flute Length 刃長 (L1)	Flutes 刃數	Shank Dia 柄徑 (D2)	O.A.L. 全長 (L)
XFW-2030	P3.0	19.9	50	4	20	100
XFW-203175	P3.175	19.9	50	4	20	100
XFW-2035	P3.5	19.9	50	4	20	100
XFW-2040	P4.0	19.9	50	4	20	100
XFW-2050	P5.0	19.9	50	4	20	100

CARBIDE THREAD MILLING TOOLS

MINIATURE TOOLS-ISO METRIC (INTERNAL)

鎢鋼銑牙刀 - 小徑 -ISO 公制 (內牙)

XFN



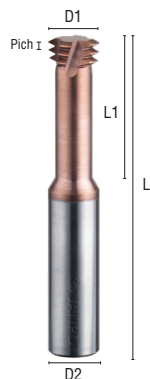
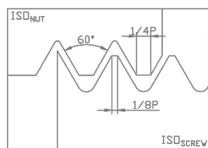
SPECIFICATION THREAD LENGTH-UP TO 2D (D=NOMINAL THREAD SIZE) 牙長度 - 可到 2D

Type No 型號	Thread Size 牙尺寸	Pitch 螺距	Diameter 外徑 (D1)	Effective Length 有效長 (L1)	Flutes 刃數	Shank Dia 柄徑 (D2)	O.A.L. 全長 (L)
XFN0072	M1.0x0.25	0.25	0.72	2.5	3	4	50
XFN0092	M1.2x0.25	0.25	0.92	2.8	3	4	50
XFN012	M1.6x0.35	0.35	1.2	3.3	3	3	50
XFN0154	M2.0x0.4	0.4	1.54	4.4	3	3	50
XFN0163	M2.2x0.45	0.45	1.63	4.8	3	3	50
XFN0196	M2.5x0.45	0.45	1.96	5.3	3	4	50
XFN024	M3.0x0.5	0.5	2.4	6.4	3	4	50
XFN0275	M3.5x0.6	0.6	2.75	7.4	3	4	50
XFN0315	M4.0x0.7	0.7	3.15	8.6	3	6	60
XFN040	M5.0x0.8	0.8	4	12	3	6	60
XFN0475	M6.0x1.0	1	4.75	13	3	6	60
XFN0595	M8.0x1.25	1.25	5.95	17.3	3	6	60
XFN065	M8.0x1.25	1.25	6.5	17.3	3	8	60
XFN079	M10.0x1.5	1.5	7.9	22	3	8	60
XFN095	M12.0x1.75	1.75	9.5	25.5	3	10	75
XFN099	M14x2.0	2	9.9	29	3	10	75
XFN119	M16x2.0	2	11.9	33	4	12	75
XFN159	M20x2.5	2.5	15.9	42	4	16	100

CARBIDE THREAD MILLING TOOLS MINIATURE TOOLS-ISO METRIC (INTERNAL)

鎢鋼銑牙刀 - 小徑 -ISO 公制 (內牙)

XFNL



SPECIFICATION THREAD LENGTH-UP TO 3D (D=NOMINAL THREAD SIZE) 牙長度 - 可到 3D

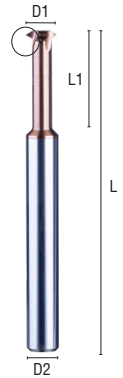
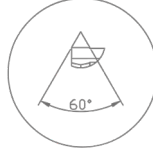
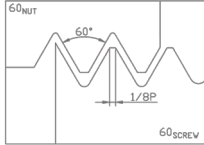
Type No 型號	Thread Size 牙尺寸	Pitch 螺距	Diameter 外徑 (D1)	Effective Length 有效長 (L1)	Flutes 刃數	Shank Dia 柄徑 (D2)	O.A.L. 全長 (L)
XFNL106	M1.4x0.3	0.3	1.06	3.9	3	3	50
XFNL012	M1.6x0.35	0.35	1.2	5.1	3	3	50
XFNL0154	M2.0x0.4	0.4	1.54	6.1	3	3	50
XFNL0196	M2.5x0.45	0.45	1.96	7.6	3	4	50
XFNL024	M3.0x0.5	0.5	2.4	9.3	3	4	50
XFNL0315	M4.0x0.7	0.7	3.15	12.4	3	6	60
XFNL040	M5.0x0.8	0.8	4	15.6	3	6	60
XFNL0475	M6.0x1.0	1	4.75	19	3	6	60
XFNL0595	M8.0x1.25	1.25	5.95	24.3	3	6	60
XFNL065	M8.0x1.25	1.25	6.5	24.3	3	8	60
XFNL079	M10.0x1.5	1.5	7.9	31	3	8	60
XFNL095	M12.0x1.75	1.75	9.5	36.5	3	10	75

CARBIDE THREAD MILLING TOOLS

PARTIAL PROFILE 60° (INTERNAL/EXTERNAL)

60°鎢鋼銑牙刀 (內牙 / 外牙)

XFC



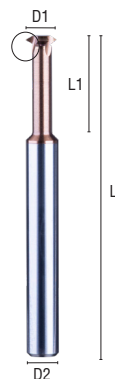
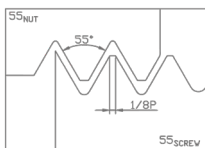
SPECIFICATION

Type No 型號	MM 間距 (Pitch Range)	TPI	Diameter 外徑 (D1)	Effective Length 有效長 (L1)	Flutes 刃數	Neck Dia 頸徑	Shank Dia 柄徑 (D2)	O.A.L. 全長 (L)
XFC-0195	0.35-0.6	72-40	1.95	6	3	0.75	3	50
XFC-0245	0.5-0.8	48-32	2.45	7.7	3	0.95	3	50
XFC-0315	0.5-0.8	48-32	3.15	10	3	1.65	4	50
XFC-0400	0.5-1.0	48-24	4	12	3	2.07	4	50
XFC-0470	0.5-1.25	48-20	4.7	15	3	2.33	6	60
XFC-0600	0.5-1.25	48-20	6	18	3	3.63	6	60
XFC-0800	0.75-1.5	32-16	8	24	3	5.15	8	60
XFC-1000	1.0-2.5	24-10	10	30	4	5.28	10	75
XFC-1200	1.0-2.5	24-10	12	36	4	7.28	12	75
XFC-1600	1.0-2.5	24-10	16	49	4	11.28	16	100

CARBIDE THREAD MILLING TOOLS PARTIAL PROFILE 55° (INTERNAL/EXTERNAL)

55°鎢鋼銑牙刀 (內牙 / 外牙)

XFD



SPECIFICATION

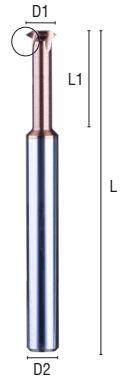
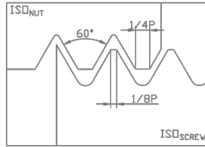
Type No 型號	MM 間距 (Pitch Range)	TPI	Diameter 外徑 (D1)	Effective Length 有效長 (L1)	Flutes 刃數	Neck Dia 頸徑	Shank Dia 柄徑 (D2)	O.A.L. 全長 (L)
XFD-0400	0.5-1.0	48-24	4	12	3	2.1	4	50
XFD-0600	0.5-1.25	48-20	6	18	3	3.95	6	50
XFD-0800	0.75-1.5	32-16	8	24	3	3.85	8	60
XFD-1000	1.0-2.5	24-10	10	30	4	4.5	10	75
XFD-1200	1.0-2.5	24-10	12	36	4	5.4	12	75

CARBIDE THREAD MILLING TOOLS

PARTIAL PROFILE 60° (INTERNAL)

ISO 公制 60° 鎢鋼銑牙刀 (內牙)

XFE



SPECIFICATION

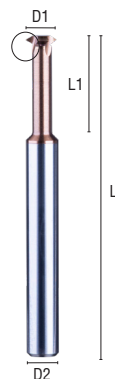
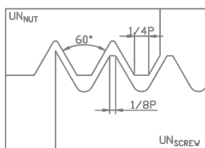
Type No	牙尺寸 (Thread Size)		Diameter	Effective Length	Flutes	Neck Dia	Shank Dia	O.A.L.	(mm)
型號	粗牙 COARSE UNC	細牙 FINE UNF	螺距	外徑 (D1)	有效長 (L1)	刃數	柄徑 (D2)	全長 (L)	底孔尺寸
XFE-0070	M1.0*0.25	M1.4*0.25	0.25	0.7	3.1	3	3	50	0.75
XFE-0090	M1.2*0.25	M1.4*0.25	0.25	0.9	3.8	3	3	50	0.95
XFE-0105	M1.4*0.3	-	0.3	1.05	4.4	3	3	50	1.15
XFE-0120	M1.6*0.35	-	0.35	1.2	5	3	3	50	1.3
XFE-0140	M1.8*0.35	M2.0*0.35	0.35	1.4	5.6	3	3	60	1.5
XFE-0150	M2.0*0.4	-	0.4	1.5	6.2	3	3	60	1.65
XFE-0195	M2.5*0.45	-	0.45	1.95	7.7	3	3	60	2.1

CARBIDE THREAD MILLING TOOLS

PARTIAL PROFILE 60° - UN (INTERNAL)

UN 60° 鎢鋼銑牙刀（內牙）

XFF



SPECIFICATION

Type No 型號	Thread Size 牙尺寸 UNF	Pitch 螺距	Diameter 外徑 (D1)	Effective Length 有效長 (L1)	Flutes 刃數	Shank Dia 柄徑 (D2)	O.A.L. 全長 (L)	(mm) 底孔尺寸
XFF-0115	0-80	80	1.15	4.6	3	3	50	1.3
XFF-0145	1-72	72	1.45	6.5	3	3	50	1.6

MEMO



MEMO



JANPO PRECISION TOOLS

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