

X-AES



高效能鋁用立銑刀頭
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 Spanner Type No.
X-AES0803	8.0	8.0	7.8	12.1	M 5 -3P	K08
X-AES1003	10.0	10.0	9.8	16.1	M 7 -3P	K10
X-AES1203	12.0	12.0	11.7	20.3	M 8 -3P	K12
X-AES1603	16.0	16.0	15.6	25.7	M10-3P	K16
X-AES2003	20.0	20.0	19.5	31.1	M12-3P	K20
X-AES2503	25.0	25.0	24.4	39.3	M16-3P	K25
X-AES3203	32.0	32.0	31.2	48.0	M20-3P	K32



X-AESR



高效能鋁用立銑刀頭
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 Spanner Type No.
X-AESR0805	8.0	8.0	0.5	7.8	12.1	M 5 -3P	K08
X-AESR0810	8.0	8.0	1.0	7.8	12.1	M 5 -3P	K08
X-AESR1005	10.0	10.0	0.5	9.8	16.1	M 7 -3P	K10
X-AESR1010	10.0	10.0	1.0	9.8	16.1	M 7 -3P	K10
X-AESR1205	12.0	12.0	0.5	11.7	20.3	M 8 -3P	K12
X-AESR1210	12.0	12.0	1.0	11.7	20.3	M 8 -3P	K12
X-AESR1605	16.0	16.0	0.5	15.6	25.7	M10-3P	K16
X-AESR1610	16.0	16.0	1.0	15.6	25.7	M10-3P	K16
X-AESR1630	16.0	16.0	3.0	15.6	25.7	M10-3P	K16
X-AESR2005	20.0	20.0	0.5	19.5	31.1	M12-3P	K20
X-AESR2010	20.0	20.0	1.0	19.5	31.1	M12-3P	K20
X-AESR2030	20.0	20.0	3.0	19.5	31.1	M12-3P	K20
X-AESR2530	25.0	25.0	3.0	24.4	39.3	M16-3P	K25
X-AESR3230	32.0	32.0	3.0	31.2	48.0	M20-3P	K32
X-AESR3250	32.0	32.0	5.0	31.2	48.0	M20-3P	K32



X-TS



螺旋刃倒角刀頭
Spiral Flute Chamfering

型號 Type No.	D1 前端徑 Front Diameter	D2 柄徑 Diameter	L1 刃長 Flute Length	L2 全長 O.A.L.	配合刀桿 Recommended Carbide Shank	鎖固扳手 型號 Spanner Type No.
X-TS0803	1	8	3.5	10.1	X-WDEX080-	K08
X-TS1003	2	10	4.0	11.1	X-WDEX100-	K10
X-TS1203	2	12	5.0	13.8	X-WDEX120-	K12
X-TS1603	3	16	6.5	14.7	X-WDEX160-	K16
X-TS2003	5	20	7.5	18.1	X-WDEX200-	K20



X-TD



直刃倒角刀頭
Straight Flute Chamfering

型號 Type No.	D1 前端徑 Front Diameter	D2 柄徑 Diameter	L1 刃長 Flute Length	L2 全長 O.A.L.	配合刀桿 Recommended Carbide Shank	鎖固扳手 型號 Spanner Type No.
X-TD0803	1	8	3.5	10.1	X-WDEX080-	K08
X-TD1003	2	10	4.0	11.1	X-WDEX100-	K10
X-TD1203	2	12	5.0	13.8	X-WDEX120-	K12
X-TD1603	3	16	6.5	14.7	X-WDEX160-	K16
X-TD2003	5	20	7.5	18.1	X-WDEX200-	K20



X-TW



螺紋銑刀
Thread Milling

型號 Type No.	螺距 Pitch	M 適用規格 Applicable Size		D1 直徑 Diameter	L 刃長 Flute Length	N 牙數 No. of Thread	配合刀桿 Recommended Carbide Shank	鎖固扳手 型號 Spanner Type No.
		粗牙 Coarse	細牙 Fine					
X-TW101210	1.0	≧M14	10.0	12.0	12	X-WDEX080-	K16	
X-TW121510	1.0	≧M15	12.0	15.0	15	X-WDEX100-	K16	
X-TW161810	1.0	≧M20	16.0	18.0	18	X-WDEX120-	K16	
X-TW202210	1.0	≧M24	20.0	22.0	22	X-WDEX160-	K20	
X-TW111215	1.5	≧M15	11.0	12.0	8	X-WDEX080-	K16	
X-TW131515	1.5	≧M17	13.0	15.0	10	X-WDEX100-	K16	
X-TW161815	1.5	≧M20	16.0	18.0	12	X-WDEX120-	K16	
X-TW202115	1.5	≧M24	20.0	21.0	14	X-WDEX160-	K20	
X-TW252415	1.5	≧M30	25.0	24.0	16	X-WDEX200-	K20	
X-TW111220	2.0	M16	≧M18	11.0	12.0	6	X-WDEX080-	K16
X-TW131420	2.0		≧M18	13.0	14.0	7	X-WDEX100-	K16
X-TW161820	2.0		≧M22	16.0	18.0	9	X-WDEX120-	K16
X-TW202220	2.0		≧M25	20.0	22.0	11	X-WDEX160-	K20
X-TW252420	2.0		≧M30	25.0	24.0	12	X-WDEX200-	K20
X-TW131525	2.5	M18-22	≧M18	13.0	15.0	6	X-WDEX100- X-WHEX100-	K16
X-TW161830	3.0	M24-27	≧M30	16.0	18.0	6	X-WDEX120- X-WHEX120-	K16
X-TW202130	3.0		≧M30	20.0	21.0	7	X-WDEX160-	K20
X-TW252430	3.0		≧M33	25.0	24.0	8	X-WDEX200-	K20
X-TW202135	3.5	M30-33	≧M30	20.0	21.0	6	X-WDEX160- X-WHEX160-	K20
X-TW252440	4.0	M36-39	≧M42	25.0	24.0	6	X-WDEX200-	K20



K

變形刀頭鎖固扳手
Spanner

型號 Type No.	D1 直徑 Diameter	標準立銑刀頭 (使用端) End Mills (Use End)	爆丸球刀頭 (使用端) Ball Nose End Mills (Use End)	螺紋銑刀頭 Thread Milling	扳手鎖固 扭力值 N.m
K08	8	XT-08	XTs-08	--	6
K10	10	XT-10	XTs-10	--	7
K12	12	XT-12	XTs-12	--	9
K16	16	XT-16	XTs-16	X-TW	10
K20	20	XT-20	XTs-20	X-TW	12
K25	25	XT-25	XTs-25	X-TW	15
K32	32	XT-32	XTs-32	X-TW	20

備註：刀桿與刀頭組合時可參考表格之「扭力值」。
Note: When combining shank and head, please refer to the "N.m" value.

