

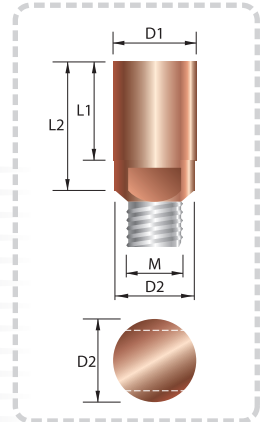
## X-UPS

無敵高效能立銑刀頭  
End Mills



	精銑 Finishing
	中銑 Semi-finishing
	粗銑 Roughing

	乾式切削 Dry Machining
	油霧切削 MQL (Mist)
	水溶性切削 Emulsion Machining
	油性切削 Oil Machining



直徑 D1	直徑公差值 D1 Tolerance
8.0	$\begin{matrix} 0 \\ -0.02 \end{matrix}$
10.0	$\begin{matrix} 0 \\ -0.02 \end{matrix}$
12.0	$\begin{matrix} 0 \\ -0.02 \end{matrix}$
16.0	$\begin{matrix} 0 \\ -0.02 \end{matrix}$
20.0	$\begin{matrix} 0 \\ -0.03 \end{matrix}$
25.0	$\begin{matrix} 0 \\ -0.04 \end{matrix}$
32.0	$\begin{matrix} 0 \\ -0.04 \end{matrix}$

unit : mm

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

unit : mm