

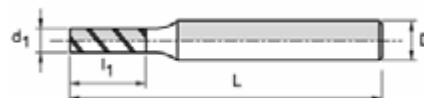
Ultra Fine Grain Carbide Endmills - 2 Flutes 、 Long Cut Length

極細微粒鎢鋼、端銑刀— 2 刃、長刃

Size : D1.0 ~ D16.0

UELS2 (A)

Carbide Grain Ultra-Fine	Coating ULTRA TIALN+	Coating NT-WET	Helix 35°	HRC 60	V-Speed N / HSM	Rake Angle Positive
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Dimension(mm) Designation	刃徑 d ₁	刃長 l ₁	全長 L	柄徑 D	刃數 Z	Coating 鍍膜		
						UNCOATED	NT-WET (N)	ULTRA (D)
UELS2A-010	1.0	6	50	4	2	■	□	■
UELS2A-015	1.5	8	50	4	2	□		□
UELS2A-020	2.0	10	50	4	2	■	□	■
UELS2A-025	2.5	13	50	4	2	□		□
UELS2-030	3.0	15	60	6	2	■	□	■
UELS2-035	3.5	15	60	6	2			
UELS2-040	4.0	20	60	6	2	■	□	■
UELS2-045	4.5	20	60	6	2			
UELS2-050	5.0	25	75	6	2	■	□	■
UELS2-055	5.5	25	75	6	2			
UELS2-060	6.0	30	75	6	2	■	□	■
UELS2-070	7.0	35	75	8	2			
UELS2-080	8.0	40	100	8	2	■	□	■
UELS2-090	9.0	45	100	10	2			
UELS2-100	10.0	50	100	10	2	■	□	■
UELS2-120	12.0	50	100	12	2	■	□	■
UELS2-140	14.0	70	150	14	2			
UELS2-160	16.0	70	150	16	2	■	□	■

Customized orders for NT-WET (N) and other coatings is also available

Recommended work material 推薦可加工材料 Preferred suitable 最適用 Suitable 適用

ULTRA (D)	Steel < HRC32 碳鋼 / 合金鋼	HRC32 ~ 48 合金 / 預硬鋼	HRC49 ~ 55 熱處理鋼	HRC 56 ~ 60 熱處理鋼	Stainless 不鏽鋼	Cast Iron 鑄鐵
UNCOATED	Al-alloy 鋁合金	Copper 銅	Ti-alloy 鈦合金	Synthetics 合成材料		

FEATURE : Widely used , new ULTRA (D) TIALN+ coating useful for HSM (DRY CUT), covering from carbon steels to hardened steels (Up to HRC 60) 。