

Ultra Fine Grain Carbide Endmills - 4 Flutes 、Cut Length = Outside Diameter X 3

極細微粒鎢鋼、端銑刀 — 4 刃、刃長 = 外徑 X 3 倍

Size : D3.0 ~ D20.0

UEH4

Carbide	Coating	Coating	Helix	HRC	V-Speed	Rake Angle
Grain Ultra-Fine	ULTRA TIALN+	NT-WET	45°	60	N / HSM	Positive



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)
UEH4-020-060	2.0	6	50	6	4			
UEH4-030-090	3.0	9	50	6	4	■	□	■
UEH4-040-120	4.0	12	50	6	4	■	□	■
UEH4-050-150	5.0	15	50	6	4	■	□	■
UEH4-060-180	6.0	18	50	6	4	■	□	■
UEH4-070-210	7.0	21	60	8	4			
UEH4-080-240	8.0	24	60	8	4	■	□	■
UEH4-090-270	9.0	27	75	10	4			
UEH4-100-300	10.0	30	75	10	4	■	□	■
UEH4-120-360	12.0	36	75	12	4	■	□	■
UEH4-160-480	16.0	48	100	16	4	■	□	■
UEH4-200-600	20.0	60	120	20	4	■	□	■

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) 。