

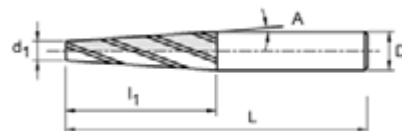
Ultra Fine Grain Carbide Deep Rib Taper Endmills – Point 2 Flutes , Peripheral Edge 6 Flute

極細微粒鎢鋼、左旋斜度端刀 — 先端 2 外周 6 刃模具肋材加工

Size : D0.5 ~ D1.0

HTR2

Carbide	Coating	Coating	HRC	V-Speed
Grain Ultra-Fine	NT-WET	ULTRA TIALN+	60	N / HSM



Dimension(mm)	刀徑	斜度角	刃長	全長	柄徑	刃數	Coating 鍍膜
Designation	d ₁	A	l ₁	L	D	Z	ULTRA (D)
HTR2-005-4-1	0.5	30°	4	50	4	2	■
HTR2-005-6-1		30°	6		4	2	■
HTR2-005-4-2		1°	4		4	2	■
HTR2-005-6-2		1°	6		4	2	■
HTR2-005-4-3		1° 30°	4		4	2	
HTR2-005-6-3		1° 30°	6		4	2	□
HTR2-005-4-4		2°	4		4	2	
HTR2-005-6-4		2°	6		4	2	□
HTR2-005-4-6		3°	4		4	2	
HTR2-005-6-6		3°	6		4	2	□
HTR2-005-10-4		5°	4		4	2	
HTR2-005-10-6		5°	6		4	2	□
HTR2-006-4-1	0.6	30°	4	50	4	2	■
HTR2-006-6-1		30°	6		4	2	■
HTR2-006-4-2		1°	4		4	2	■
HTR2-006-6-2		1°	6		4	2	■
HTR2-006-4-3		1° 30°	4		4	2	
HTR2-006-6-3		1° 30°	6		4	2	□
HTR2-006-4-4		2°	4		4	2	
HTR2-006-6-4		2°	6		4	2	□
HTR2-006-4-6		3°	4		4	2	
HTR2-006-6-6		3°	6		4	2	□
HTR2-006-4-10		5°	4		4	2	
HTR2-006-6-10		5°	6		4	2	□
HTR2-007-6-1	0.7	30°	6	50	4	2	■
HTR2-007-8-1		30°	8		4	2	■
HTR2-007-6-2		1°	6		4	2	■
HTR2-007-8-2		1°	8		4	2	■
HTR2-007-6-3		1° 30°	6		4	2	
HTR2-007-8-3		1° 30°	8		4	2	□
HTR2-007-6-4		2°	6		4	2	
HTR2-007-8-4		2°	8		4	2	□
HTR2-007-6-6		3°	6		4	2	
HTR2-007-8-6		3°	8		4	2	□
HTR2-007-6-10		5°	6		4	2	
HTR2-007-8-10		5°	8		4	2	□

Dimension(mm) Designation	刃徑 d ₁	斜度角 A	刃長 l ₁	全長 L	柄徑 D	刃數 Z	Coating 鍍膜 ULTRA (D)
HTR2-008-4-1	0.8	30°	4	50	4	2	■
HTR2-008-6-1		30°	6		4	2	■
HTR2-008-8-1		30°	8		4	2	■
HTR2-008-10-1		30°	10		4	2	■
HTR2-008-4-2		1°	4		4	2	■
HTR2-008-6-2		1°	6		4	2	■
HTR2-008-8-2		1°	8		4	2	■
HTR2-008-10-2		1°	10		4	2	■
HTR2-008-4-3		1° 30'	4		4	2	
HTR2-008-6-3		1° 30'	6		4	2	□
HTR2-008-8-3		1° 30'	8		4	2	
HTR2-008-10-3		1° 30'	10		4	2	□
HTR2-008-4-4		2°	4		4	2	
HTR2-008-6-4		2°	6		4	2	□
HTR2-008-8-4		2°	8		4	2	
HTR2-008-10-4		2°	10		4	2	□
HTR2-008-6-6		3°	6		4	2	
HTR2-008-10-6		3°	10		4	2	□
HTR2-008-6-10		5°	6		4	2	
HTR2-008-10-10		5°	10		4	2	□
HTR2-009-6-1	0.9	30°	6	50	4	2	■
HTR2-009-8-1		30°	8		4	2	■
HTR2-009-6-2		1°	6		4	2	■
HTR2-009-8-2		1°	8		4	2	■
HTR2-009-6-3		1° 30'	6		4	2	
HTR2-009-10-3		1° 30'	10		4	2	□
HTR2-009-6-4		2°	6		4	2	
HTR2-009-10-4		2°	10		4	2	□
HTR2-009-6-6		3°	6		4	2	
HTR2-009-10-6		3°	10		4	2	□
HTR2-009-6-10	1.0	5°	6	50	4	2	
HTR2-009-10-10		5°	10		4	2	□
HTR2-010-6-1		30°	6		4	2	■
HTR2-010-8-1		30°	8		4	2	■
HTR2-010-12-1		30°	12		4	2	■
HTR2-010-6-2		1°	6		4	2	■
HTR2-010-8-2	1.2	1°	8	50	4	2	■
HTR2-010-12-2		1°	12		4	2	■
HTR2-012-8-1		30°	8		4	2	■
HTR2-012-12-1		30°	12		4	2	■
HTR2-012-8-2	1.5	1°	8	50	4	2	■
HTR2-012-12-2		1°	12		4	2	■
HTR2-015-8-1		30°	8		4	2	■
HTR2-015-12-1		30°	12		4	2	■
HTR2-015-16-1		30°	16		4	2	■
HTR2-015-8-2		1°	8		4	2	■
HTR2-015-12-2		1°	12		4	2	■
HTR2-015-16-2		1°	16		4	2	■

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

ULTRA (D)

HRC < 48
合金 / 預硬鋼HRC49 ~ 55
熱處理鋼HRC56 ~ 60
熱處理鋼

FEATURE : For deep rib processing , new ULTRA (D) TIALN+ coating useful for HSM (DRY CUT), covering from carbon steels to hardened steels (Up to HRC 60) .