



星型螺紋銑刀 (Thread Milling Cutter)

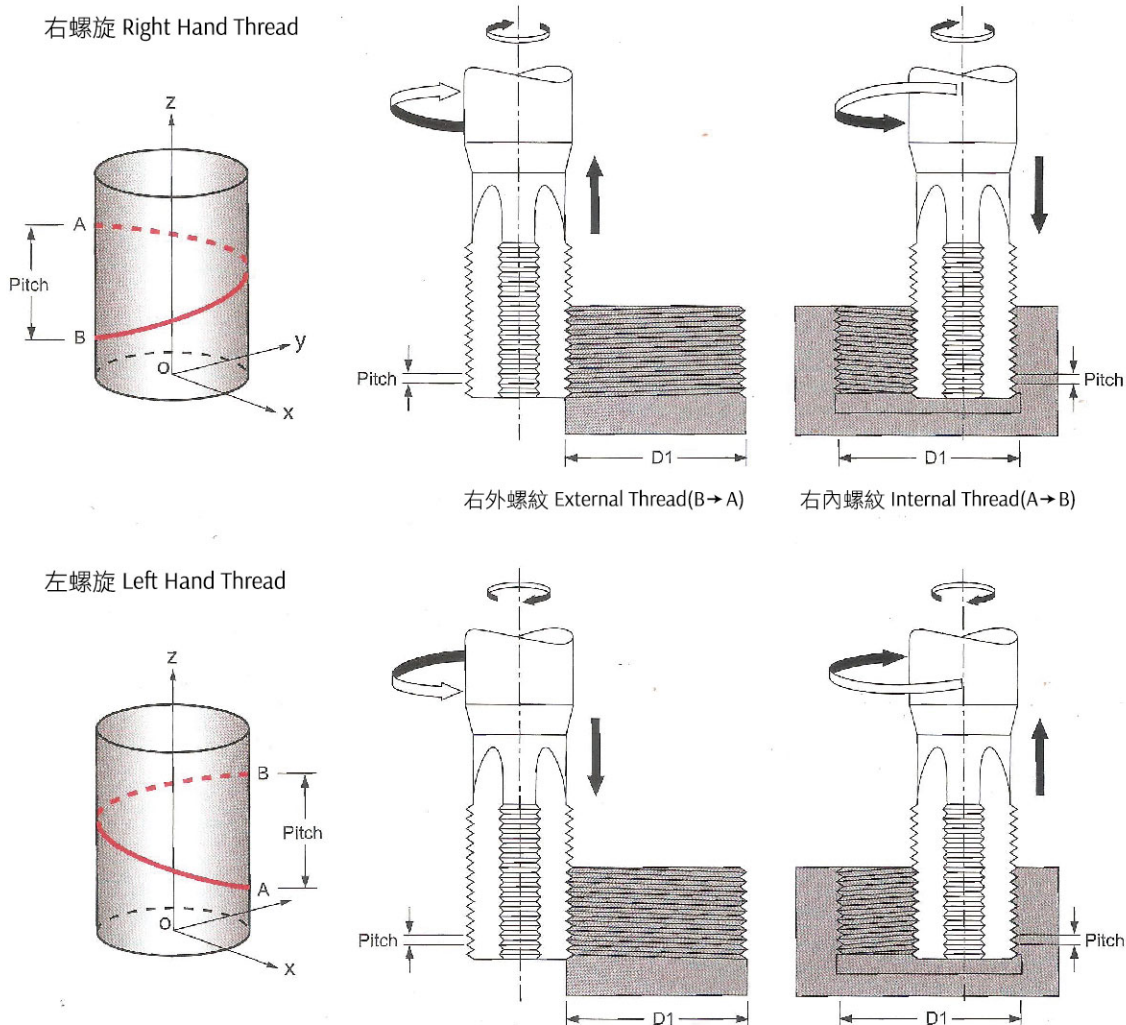
行星式螺紋銑刀 — 為電腦加工中心機所開發之高效能螺紋生產工具

- 主要利用電腦加工中心機之三軸同動原理銑削生產螺紋
- 同一把螺紋銑刀透過電腦程序控制，可產生相同隻左右螺紋與內外螺紋，並可控制生產不同尺寸與公差要求之螺紋產品

Thread - milling Cutter — Highly - effective for CNC Maxhing Center

- Mills, cutw threads via simultaneous X, Y and Z-axis.
- CNC cuts left, right, internal threads with one pitch as well as threads of different specs and tolerance without changing tool.

牙銑刀加工路徑-Z軸向 (Thread Milling Path-Z Axis)



牙銑刀加工路徑-X-Y 平面 (Thread Milling Cutter Path-X-Y Plane)

外螺紋、內螺紋加工之刀具路徑規劃依據加工件外型考量，分別如下圖所示

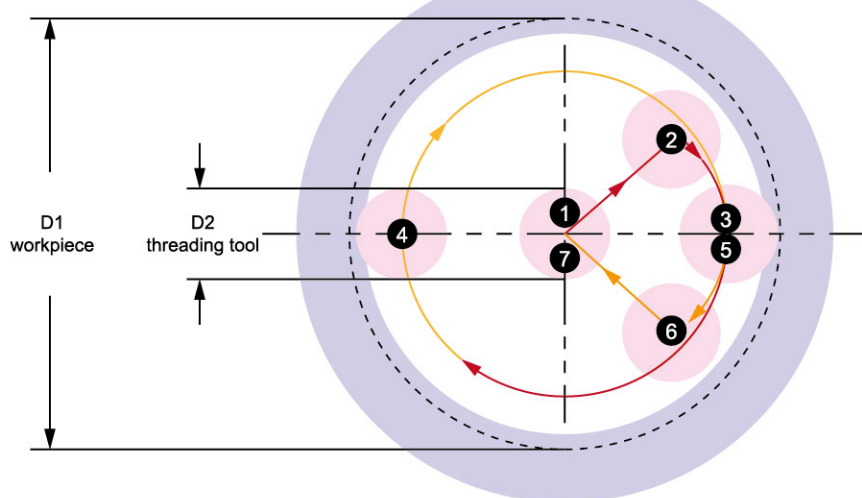
① → ② → ③ → ④ → ⑤ → ⑥ → ⑦ 路徑次序產生

規格標示 (Market)

UG 10 10 75 23 M 1.0



內螺紋 Internal Thread



使用要領如下 (User Tips)

- 螺紋銑刀自轉速度需放快；
公轉路徑速度需放慢
- 易加工材質建議深切、緩進一刀完成；
難加工建議淺切、緩進分多刀完成
- Speed up rotation but slow down revolution of thread-milling cutter.
- Cut hard but slowly easy-to-process materials in one cycle, but cut lightly but slowly hard-to-process ones in multiple cycles

外螺紋 External Thread

