

1. 工業再次革命，縮短交貨期，化不可能為可能！
2. 鎢鋼可攻牙，不用先打孔，直接放電攻牙。
(左圖 M6，攻牙14MM，需時約20分鐘)
3. 沖頭，Insert piece (仁仔) 缺螺牙嗎？10分鐘搞定。
4. M2~M8 或 INCH 尺寸皆可。
5. 細孔放電與攻牙，一機兩用。
6. 高效率高速放電攻牙，只要是導體即可攻牙。
7. 多國專利：台灣、美國、中國、英國、法國...等。

1. Kind of industrial revolution, shortening the delivery time & turning impossible into possible.
2. Tungsten carbide tapping, don't need pre-hole and tapping directly.
(see picture left for M6, tapping 14mm depth, taking about 20 minutes)
3. Any problems in punches and insert pieces? Solve in 10 Minutes.
4. M2, M2.5, M3, M4, M5, M6 & M8, or INCH sizes are available.
5. Drill EDM and Thread tapping function in one machine.
6. High speed EDM drill and tapping for any material if it contacted.
7. Patent in many countries Taiwan, U.S.A, Japan, China, UK, Germany...etc.

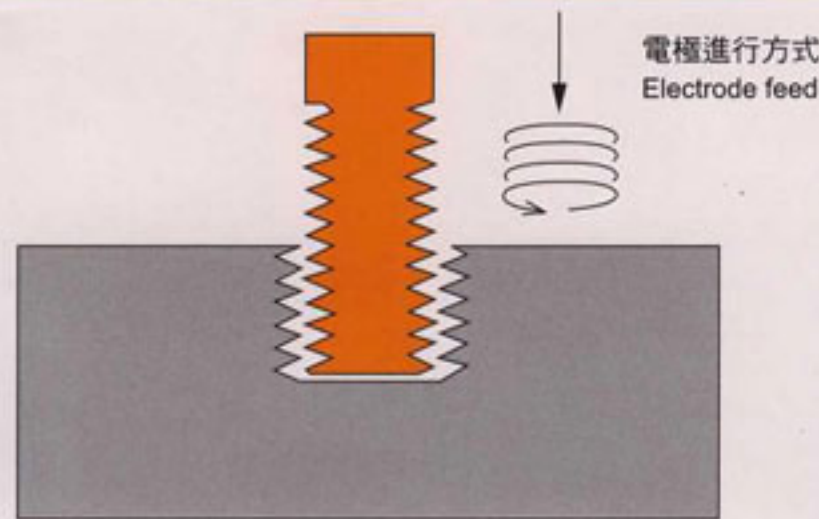
鎢鋼攻牙步驟與時間

Steps for thread tapping on carbide work piece & machining time.

NEW
專利方法

專利發明競賽 (銀牌獎)
只需一個步驟

舊加工方法



利用專利方法在細孔放電加工機上加工時間約20分鐘，且保證品質與成功，不會有積碳與無法加工之問題，只需一個步驟。

The way we are patent on EDM drilling machine, hole drilling & thread tapping, one step only.

It takes about 20 Min.

with M6 on 10MM depth.

步驟1. 放電孔加工

EDM process step 1.

加工時間約20~40分

Machining time: 20~40 min.

使用較小尺寸之電極進行擴孔加工，無法做到無電極消耗加工

To use smaller size of electrode to do orbiting EDM. (with electrode wear)
攻牙時間約30~60分 (如果順暢的話)

Machining time: 30~60 min.

步驟3. 採用第2甚至第3支電極加工

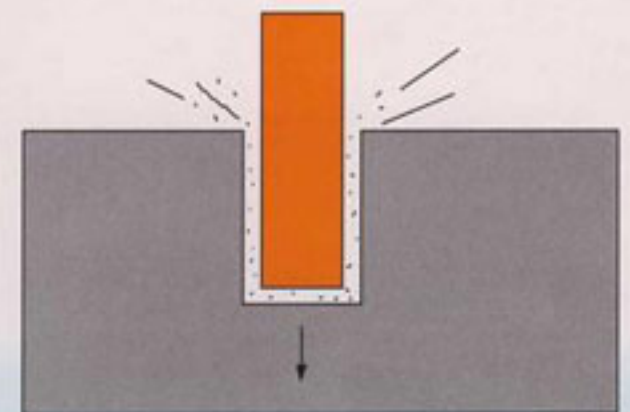
To change a new electrode to have better thread.

加工時間約10~20分，

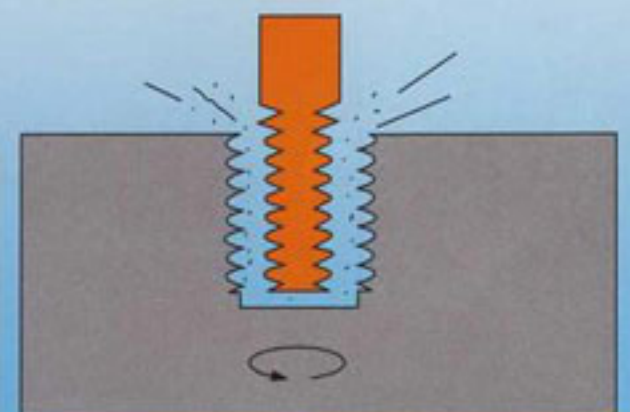
總加工時間約2小時

Machining time: 10~20 min.

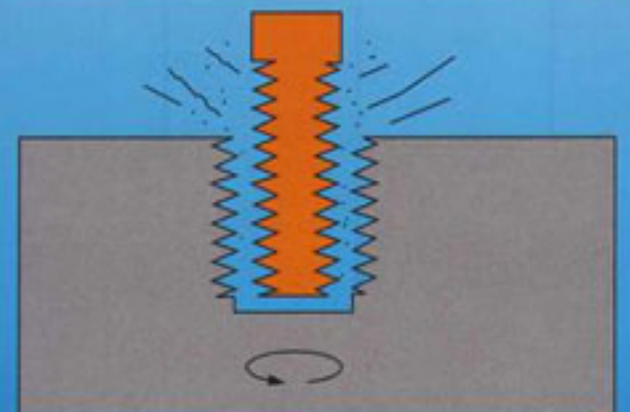
Total: Approx. takes 2 hours.



放電孔加工 Made a hole by EDM



電極消耗，造成螺牙不完全 Because electrode wear, need to do 2nd process.



放電擴孔加工 To use Thread electrode EDM (To use orbiting device)



林寶機械貿易私人有限公司

LIM POH MACHINERY TRADING PTE LTD

NO. 111, UBI AVE 4, CIVIC TERRACE WAREHOUSE, SINGAPORE 408761.

E-mail: enquiry@limpoh.com Website: http://www.limpoh.com

TEL: 6946 1139 FAX: 6941 2832

GST Reg.No. M2-0067812-5 Business Reg.No. 198404054E