

依圖依樣尺寸公差要求可生產特殊、複合、異型、超大超細超長組合成型的系列刀具。(可分不同等級的材料與研磨進行加工)

We can produce special, compound, special-shaped, super-large, super-thin/super-long combined profile series tooling according to requirements of drawings, samples and dimension tolerance.

(We can do process with different grades of material and grinding)

A:

材料等級:

- ① 超高防銹高耐磨不銹鋼系列(AA)
(HRC54° ± 2° 斷面)(**常規常備**)
- ② 常規標準防銹高耐磨及超高耐磨不銹鋼系列(A)(HRC45° ~ 64° 斷面系列)
- ③ 超高耐磨高級高鈷粉末鋼ASP60A
(HRC70° ± 2° 斷面系列)

A:

Material:

- ① Super-high anti-rust high wear resistance stainless steel series(AA)
(HRC54° ± 2° Section)(**regular stock**)
- ② General anti-rust high wear resistance stainless steel series(A)
(HRC45° ~ 64° Section series)
- ③ Super high wear resistant high-grade high cobalt powder steel ASP60A(HRC70° ± 2° section series)

B:

空芯內孔加工等級(與材料等級和刃口加工等級無關):

- AAA級: 帶孔原生料+純鏡面空芯內孔研磨
(空芯內孔▽▽▽▽ & R0.01)(AAA)
(成本很高, 不常用)
- AA級: 帶孔原生料, CFDA標準常規空芯內孔(AA)(成本較高, 不常用)
- ③ 電火花EDM加工AA&A級料+空芯內孔研磨
(空芯內孔研磨等級▽▽&▽▽▽等級不同, 成本也不同)(A&AA)(成本高, 不常用)
- ④ 深孔鑽打孔AA&A級料空芯內孔(受限于內孔徑與孔深度的比例, 常規內孔徑x(40~60)倍左右的孔深度)(B)(成本低, 但需批量加工)(**常規常備**)
- ⑤ 電火花EDM加工AA&A級料空芯內孔, 內孔相對粗糙些(C)(成本低, **常規常備**)

B:

Hollow core inner hole process grade (independent of material grade & edge process grade):

- ① AAA grade: raw material with hole + pure mirror grinding of hollow core inner hole (hollow core inner hole▽▽▽▽ & R0.01)(AAA)
(high cost, not commonly used)
- ② AA grade: raw material with holes, CFDA standard hollow core inner hole(AA)(relatively high cost, not commonly used)
- ③ Electrical discharge machining (EDM) process AA & A grade material + hollow core inner hole grinding (hollow core inner hole grinding grade▽▽&▽▽▽ Different cost for different grade)(A&AA)
(high cost, not commonly used)
- ④ Deep hole drilling AA&A grade material hollow core inner hole (limited by the ratio of the inner hole diameter & hole depth, conventional inner hole diameter x hole depth (40~60) times approximately)(B)(low cost, but requires batch processing)(**regular stock**)
- ⑤ Electrical discharge machining (EDM) processing AA & A grade raw material hollow core inner hole, the inner hole is relatively rough(C)(low cost, **regular stock**)

★可超硬、超精研磨。任意的柄部類型、芯厚、容屑槽寬度、刃背方式、鑽尖方式、內冷卻孔方式、刃部結構、刃口角度、刃口鋒利程度之要求。及高可至±0.003mm (3μm) 的尺寸公差要求 We can produce with super hard and super finish grinding and satisfy your requirement of any type of shank, web thickness, width of chip flute, land, drill tip, inner cooling hole, structure of cutting edge, angle of cutting edge, degree of sharpness of cutting edge, and the dimension tolerance can be up to ±0.003mm (3μm)