

★、可依要求生產不同刃部材料類型 (陶瓷類、鎢鋼類、超高防銹高級品不銹鋼類(AA)、鈦及鈦合金類、常規標準防銹高耐磨不銹鋼(A).....等系列)
 The cutting edge can be produced with different materials (ceramic, carbide, superhigh anti-rust and high wear resistant stainless steel (AA), Ti, Ti alloy, generally anti-rust and high wear resistant stainless steel (A) ... series)



※ 刃部加工等級:

- AAA級: CNC超硬砂輪,鏡面研磨任意形狀之刃口,同心度◎,跳動↗,圓柱度 $\varnothing \leq 0.003\text{mm}(3\mu\text{m})$,可任意的刃口鋒利程度。
 A A級: CNC超硬砂輪,精研磨任意形狀之刃口,同心度◎,跳動↗,圓柱度 $\varnothing \leq 0.008\text{mm}(8\mu\text{m})$,可任意的刃口鋒利程度。
 A級: CNC超硬砂輪,一般研磨任意形狀之刃口同心度◎,跳動↗,圓柱度 $\varnothing \leq 0.012\text{mm}(12\mu\text{m})$,可任意的刃口鋒利程度。
 B級: CNC車削加工+熱處理+拋光處理,較差的刃口鋒利性,同心度◎,跳動↗,圓柱度 $\varnothing (0.10\sim 0.20\text{mm})$
 (100/ μm ~200/ μm)

※ Cutting edge machining grades:

- Class AAA: CNC super hard grinding wheel, mirror surface grinding for any shape of cutting edge. Concentricity ◎, runout ↗, cylindricity $\varnothing \leq 0.003\text{mm}(3\mu\text{m})$, any sharpness of cutting edge.
 Class A A: CNC super hard grinding wheel, finish grinding for any shape of cutting edge. Concentricity ◎, runout ↗, cylindricity $\varnothing \leq 0.008\text{mm}(8\mu\text{m})$, any sharpness of cutting edge.
 Class A : CNC super hard grinding wheel, general grinding for any shape of cutting edge. Concentricity ◎, runout ↗, cylindricity $\varnothing \leq 0.012\text{mm}(12\mu\text{m})$, any sharpness of cutting edge.
 Class B : CNC lathe work + heat treatment + polishing treatment, worse sharpness of cutting edge. Concentricity ◎, runout ↗, cylindricity $\varnothing (0.10\sim 0.20\text{mm})$ (100/ μm ~200/ μm).

*刃部材料類型:

1. 超高防銹不銹鋼類(AA)(HRC54° ± 2° 斷面) (常規常備)
2. 常規標準防銹高耐磨不銹鋼類(A) (HRC45° ~64° 斷面)
3. 鈦及鈦合金類(HRC35° ~42°)系列。
4. 陶瓷類(HRA85° ~94°)系列, (HRC67° ~84°)系列。
5. 鎢鋼類(HRA81° ~94°)系列, (HRC60° ~84°)系列。

Material of cutting edge:

1. ultra-high anti-rust high wear-resistant stainless steel(AA)(HRC54° ± 2° Section)(regular stock)
2. general anti-rust high wear-resistant stainless steel(A)(HRC45° ~64° Section) series
3. Titanium and Titanium alloy (HRC35° ~42°) series
4. Ceramic (HRA85° ~94°)series, (HRC67° ~84°) series
5. Carbide (HRA81° ~94°) series, (HRC60° ~84°) series

※ 必要可帶穿透&不穿透, 不同等級加工的中空、空芯內孔加工。

With or without penetration, hollow & hollow core inner hole process with different grades.
 必要に応じて、貫通付き&貫通なし、各レベル加工での中空、中空内穴加工。

★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 (3 μm) 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 (3 μm)