

醫用工具及配件系列(耳鼻、內窺鏡、關節鏡刨刀) (超長型設計)

Medical tools and parts series (Otorhinolaryngologic, endoscopic, arthroscopic shaver blades)

(Super-long design)

医療器具及び部品シリーズミリングカッター(鉋刃)

(超鋒利刃口&超高防銹 (AA)&超高耐磨&超高精密度內外配合)  
(Ultra-sharp cutting edge & ultra-high anti-rust (AA) & ultra-high wear-resistant & ultra-high precision cooperation of inner tubes and outer tubes)  
(超銳利刃先&超防銹 (AA)&超耐磨&超精度內外配合)

頭部段內外超高精密配合, 間隙0.010~0.015mm內, 以保證高精度之切割功能

The inside and outside of head parts are with ultra-high precision matching, and the clearance is within 0.010 ~ 0.015mm, to ensure high-precision cutting function.

特殊超長管 (200 ~ 800) mm之間系列的, 內刀內管連接尾管處建議採用錐度過渡至 (Φd-0.20) ~ (Φd-0.60) mm之間系列 (可參考常規常備高强度尾管系列規格選擇&批量定制尺寸), 以增加尾管處內外單邊間隙的加大, 以避免因過長內外壁易干涉之問題。

For special super long tube (200 ~ 800)mm series, taper transitions to size series between (Φd-0.20) ~ (Φd-0.60)mm is recommended to adopt at the inner blade inner tube linking tail pipe (The conventional regular high-strength tail pipe series specification can be reference of selection & Mass customized sizes), which can add the increase of single-side clearance at inside and outside of the tail pipe, to avoid the easy-to-make-an-interference problem caused by overlength of internal and external wall.

為保證超高精密的直綫度□、同心度◎、真圓度○、圓柱度⊂等等, 內、外刀的外圓部分, 在焊接後需在CNC上反復多次的超精研磨, 所以不建議做滾花處理, 因滾花後也易被研磨掉。

In order to ensure ultra-high-precision straightness□, concentricity◎, roundness○, cylindricity⊂, etc., the outer circle of the inner blade and the outer blade need to be superfinished repeatedly on the CNC equipment after being welded, so we do not recommend knurling, because it is easy to be ground off after knurling.

常規內外刀配合  
(The matching of conventional inner blade and outer blade)

超長型的建議: 內外刀配合  
(Suggestions for super long type: The matching of inner blade and outer blade)

L1 (280-750mm系列)  
L2 (308-778mm系列)

常規尾管處內、外單邊間隙 (0.10 ~ 0.20) mm之間。  
Single-side clearance between (0.10 ~ 0.20) mm at inside and outside of the conventional tail pipe

超長型的建議: 尾管處內、外單邊間隙  
{ (0.10+0.20) } ~ ~  
{ (0.20+0.20) } ~ ~  
{ (0.10+0.60) } ~ ~  
{ (0.20+0.60) } mm之間系列。  
Suggestions for super long type: Single-side clearance between { (0.10+0.20) } ~ ~ { (0.20+0.20) } ~ ~ { (0.10+0.60) } ~ ~ { (0.20+0.60) } mm at inside and outside of the tail pipe

連接尾管採用錐度過渡  
Taper transitions is used at the linking tail pipe

內 (inner)

內 (inner)

外 (outer)

內外刀配合示意  
(The matching of inner blade and outer blade as an example)

超鋒利刃、超高精密度內外配合、超高防銹, 超高硬度、耐磨, 超高抗衝擊性能、超高韌性, 超高強度之焊接。  
Welding with super sharp edge, ultra-high precision internal and external matching, superhigh rust resistance, superhigh hardness, wear resistance, high impact resistance, superhigh toughness and superhigh strength.

★依圖依樣尺寸/公差/要求復合成型加工, 可生產極為複雜、精密的柄部形狀。Compound contour machining according to the sizes/tolerances/requirements of drawings and samples, we can produce extreme complex and accurate holder profile.

図面、サンプル、寸法または公差の要求により複合成型加工を行い、極めて複雑、精密な柄部の形状を生産できる。