



單孔側面鑽銑刀具裝置
Cross Driving Tool Holder

轉速比 Speed Ratio: 1:1
 最高轉速 Max. (rpm): 8000 RPM
 筒夾 Collet: ER16M



2孔 360° 旋轉刀座
2 pcs 360° Rotary Driven Tool Holder

轉速比 Speed Ratio: 1:1
 最高轉速 Max. (rpm): 6000 RPM
 角度調整範圍 Angle Adjustment Range: 360
 筒夾 Collet: ER11-AC (內藏式)



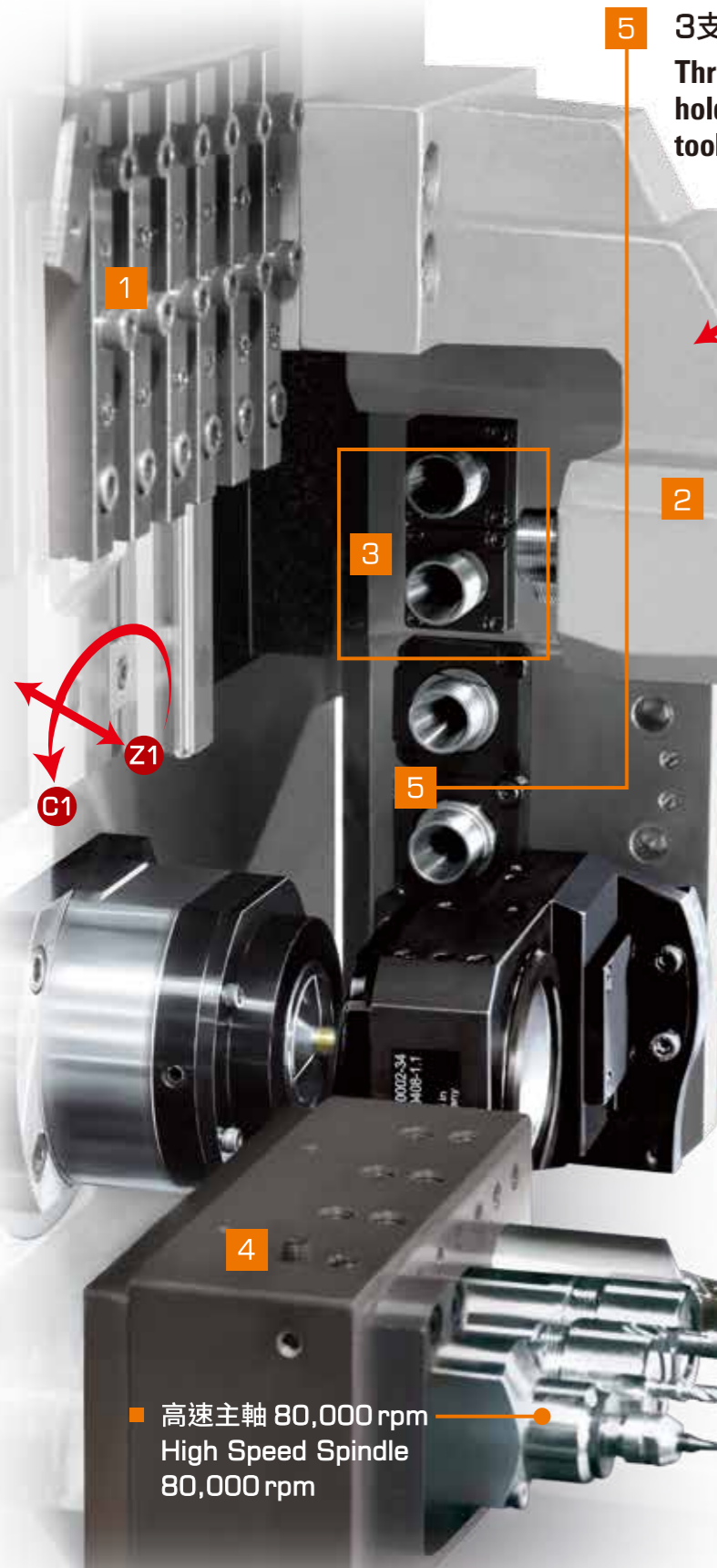
3孔偏心鑽銑刀具裝置
3 pcs off-center Driven Tool Holder

轉速比 Speed Ratio: 1:1
 最高轉速 Max. (rpm): 6000 RPM
 筒夾 Collet: ER16



6孔偏心鑽銑刀座
6 pcs Off-center Driven Tool Holder

轉速比 Speed Ratio: 1:1
 最高轉速 Max. (rpm): 6000 RPM
 筒夾 Collet: 主軸 ER16 / 副主軸 ER11



5 3支側面鑽銑刀座(抽換式)可選配以下八種刀座
Three pieces of cross driven tool holder(removable), eight pieces optional tool holders listed as below:



鋸片座
Saw Blade Seat

轉速比 Speed Ratio: 1:0.5806 減速
 最高轉速 Max. (rpm): 4000 RPM
 鋸片孔徑 Saw Blade Aperture: 12.7
 鋸片最大外徑 Max. Diameter of Saw Blade: 50



多邊形銑角刀座
Polygon Milling Tool Holder

轉速比 Speed Ratio: 1:0.6 減速
 最高轉速 Max. (rpm): 4000 RPM
 軸徑 Shaft Diameter: 13
 刀片最大外徑 Max. Diameter of Blade: 70



銑牙座(進口)
Thread Whirling Device (import)

轉速比 Speed Ratio: 1:1
 最高轉速 Max. (rpm): 6000 RPM
 角度調整範圍 Angle adjustment range: 20
 加工最大尺寸 Max. machining size: 11.4

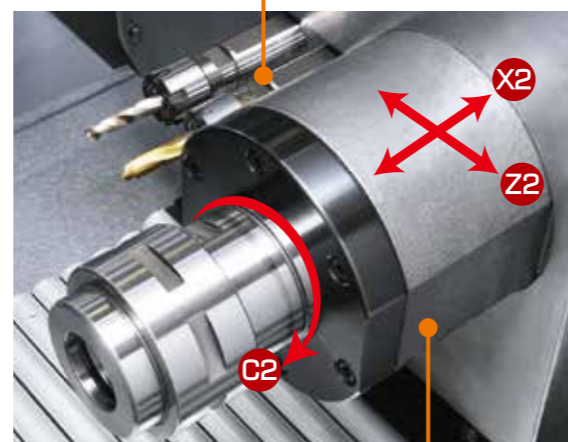


銑牙座(國產)
Thread Whirling Device (Domestic)

轉速比 Speed Ratio: 1:0.896 減速
 最高轉速 Max. (rpm): 6000 RPM
 角度調整範圍 Angle adjustment range: 15
 加工最大尺寸 Max. machining size: 10.5



2支固定正面內徑刀座
 (適用於 CSB III-S 配皮帶式背軸)
2 pcs front I.D. stationary tool holder
 (Only available for CSBIII-S with belt type motor on sub-spindle)



CSB III-S 背主軸標準是配 C 軸
 (CSB III-S 如果換配內藏式馬達可選配 CS 軸)
 Sub spindle only with simple C axis for CSB III-S
 (If the sub-spindle option with built-in motor, it can option CS axis for CSB III-S)

結構體 CSBIII-S Structure



1 外徑刀座
 O.D. Turning Tool

2 內徑刀座
 I.D. Stationary Tool Holder

3 2支側面鑽銑刀座
 (不能抽換)
Cross Working Driven Tool (unremovable)

4 標配: 背面 4支內孔固定刀座
 選配: 背面 4支動力鑽銑刀座
 Std: 4 pcs Back I.D Stationary Tool Holder
 Opt: 4 pcs Back Working Driven Tool Holder

選配: 背面選配 Y2 軸時可加選配立式鑽銑刀座
 Opt: Optional Radial drilling tool holder when Y2 axis is selected on the sub-spindle

機械特點

- 十字型走向背主軸**
 十字型走向背主軸設計, 主軸和背軸可以同時或單獨加工, 節省加工時間, 提供高度及多樣的前後混合加工。
- 餘料短**
 選擇粗料套筒即可走心機當走刀機用, 殘料長度約 50mm, 可有效達到精簡材料成本。
- 粗料加工**
 選擇粗料套筒, 非研磨棒材也能在走心機加工, 材料公差容忍 0.1mm。
- 可替換式固定/動力刀座組**
 4支背面固定/動力鑽銑刀座是新研發可拆卸安裝固定或動力刀座組之刀座, 使您在刀具使用上有更靈活的運用。

FEATURES

- Cross Travel Sub-spindle** Cross travel sub spindle design. The main and sub spindles can work either one at a time or simultaneously for reduced machining duration. This design brings multi-function front and rear machining.
- Short Remnant Material** With the optional Rough Material Bushing, the remnant material can be 50mm (depending on the parts length).
- Raw Material Machining** 0.1mm material tolerance can be achieved by using the Rough Material Bushing.
- Replaceable Fixed / Driven Toolholder Set** The 4 pc back stationary / driven tool holder is replaced by the newly designed replaceable fixed tool holder or driven tool holder. This enables increased tooling flexibility.

■ 高速主軸 80,000 rpm
 High Speed Spindle
 80,000 rpm