

# 連桿夾具案例

## Connecting Rod Fixture Solution for Automotive Products



### 工件名稱

連桿

### 材料

鑄造鋁合金, 鑄鐵

### 加工內容

鑽孔, 銑面, 粗銑, 精銑, 搪孔, 攻牙, 鉸孔, 去毛邊, 倒角

### Workpiece

Connecting rod

### Material

Cast aluminum alloy , cast iron

### Machining job

Drilling, milling, rough milling, fine milling, boring, tapping, reaming, brushing, chamfering



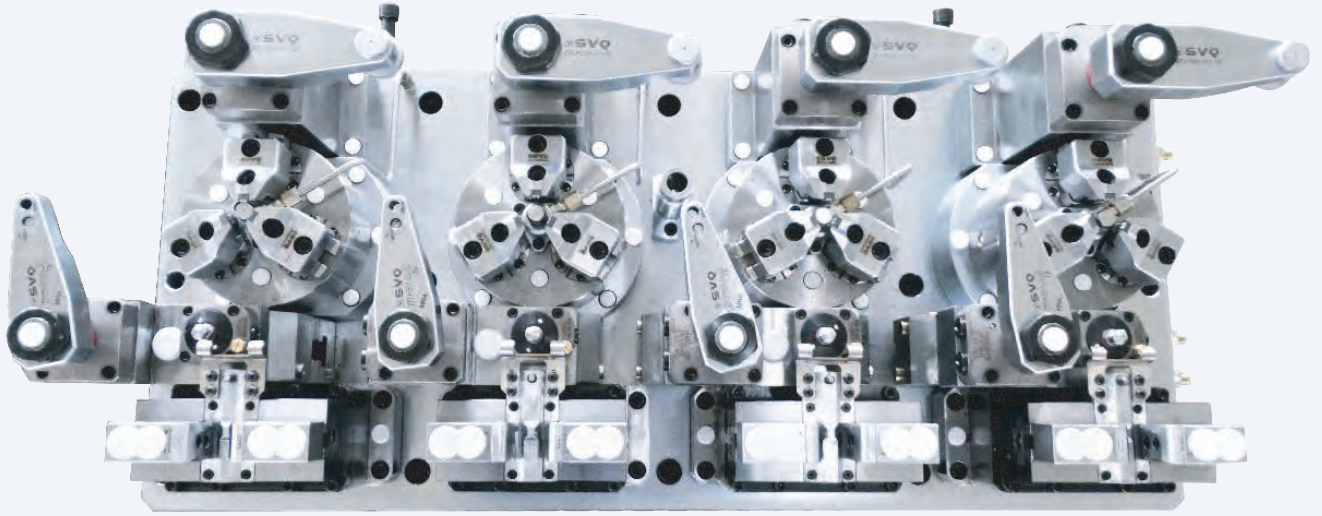
連桿夾具 Connecting Rod Fixture

### 產品描述與特徵:

- 精度要求:  $\pm 0.01\text{mm}$
- 使用機床: 立式加工中心
- 外型定位
- 四工位夾具
- 客製化定心機構
- 第四軸轉台夾具
- 桁架機械手臂自動上下料

### Product Description and Characteristics:

- Machining accuracy:  $\pm 0.01\text{mm}$
- Machining center: Vertical machine center
- Shape positioning
- 4 clamping nests
- Self-made non-standard centering system
- Rotary table fixture
- Gantry robot unloading parts

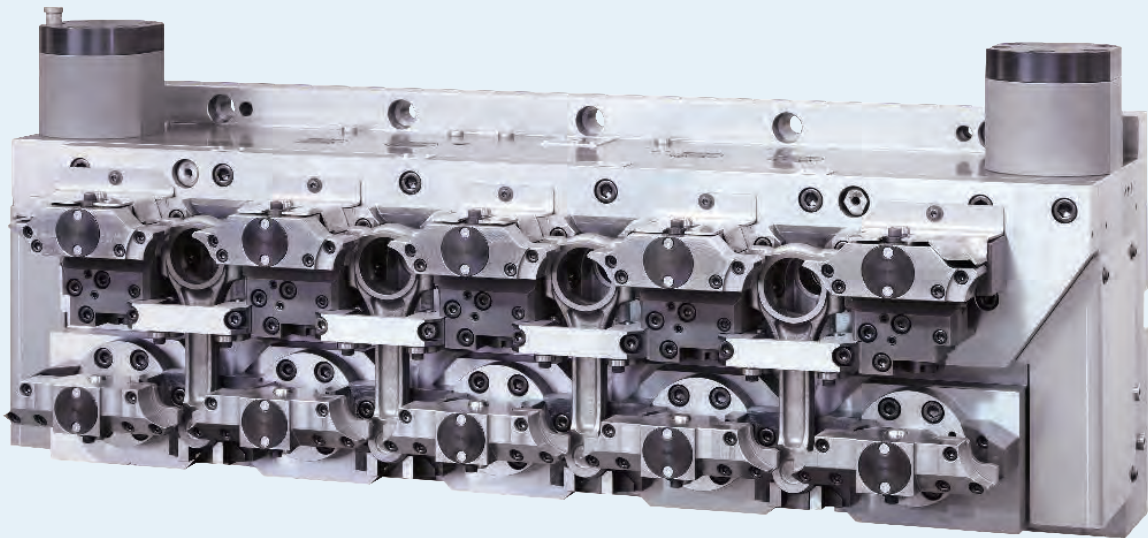


**產品描述與特徵：**

- 精度要求：± 0.01mm
- 使用機床：立式加工中心
- 外型定位
- 四工位夾具
- 金屬零件表面特殊處理
- 兼容多種產品

**Product Description and Characteristics:**

- Machining accuracy: ± 0.01mm
- Machining center: Vertical machine center
- Shape positioning
- 4 clamping nests
- Special surface treatment on the metal parts
- Compatible with various types of workpiece



**產品描述與特徵：**

- 精度要求：± 0.01mm
- 使用機床：臥式加工中心
- 球頭銷與外型定位
- 四工位夾具
- 金屬零件表面特殊處理
- 客製化定心機構

**Product Description and Characteristics:**

- Machining accuracy: ± 0.01mm
- Machining center: Horizontal machine center
- Ball pin and shape positioning
- 4 clamping nests
- Special surface treatment on the metal parts
- Self-made non-standard centering system