



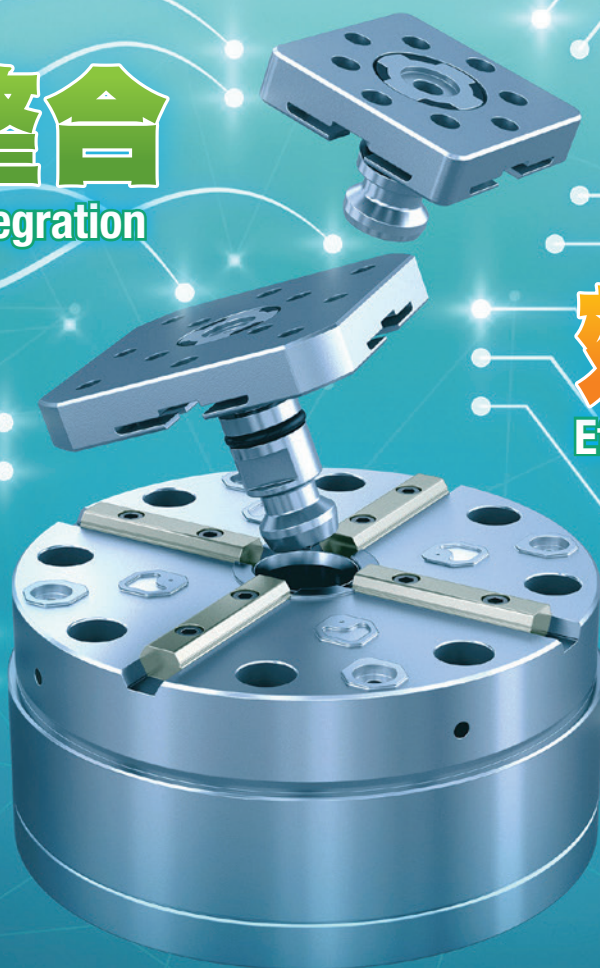
晟進科技股份有限公司

CHERNG JIN TECHNOLOGY CO., LTD.

整合
Integration

智能
Intelligent

效率
Effectiveness



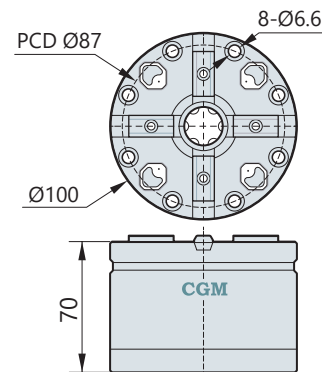
PRECISION CLAMPING SYSTEM

2μm Repetition Accuracy

R型智能夾具 R Type wisdom chucks

AD-100RC 氣動雙機構夾頭

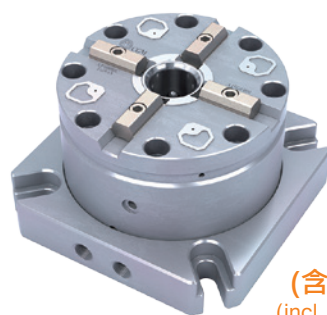
Pneumatic Dual mechanism chuck



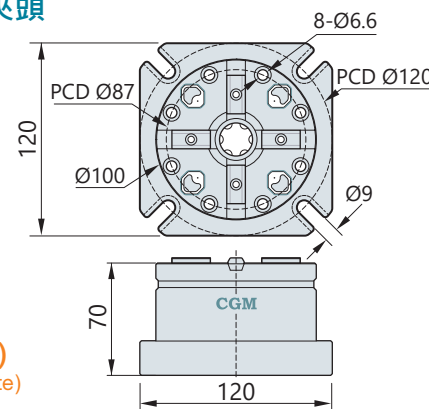
▲ 材質 Material : SUS420J2, 52 HRC

AD-100RC-14 氣動雙機構夾頭

Pneumatic Dual mechanism chuck



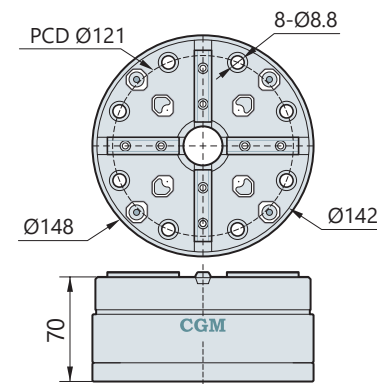
(含固定座)
(incl. fixing plate)



▲ 材質 Material : SUS420J2, 52 HRC

AD-148RC 氣動雙機構夾頭

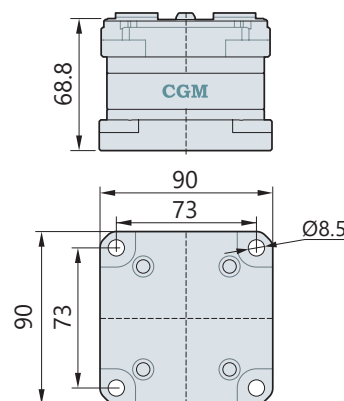
Pneumatic Dual mechanism chuck



▲ 材質 Material : SUS420J2, 52 HRC

QD-88R 手動雙機構快速夾頭

Quick Dual mechanism chuck



▲ 材質 Material : SUS420J2, 52 HRC

長拉桿、短拉桿皆可兼容

Compatible with both longer and shorter drawbars

- 重複定位精度 2μm
- 最高轉速 1800rpm
- 彈簧夾持拉力 210kgs
- 氣壓增壓拉力 700kgs
- 最低供氣壓力 6kg/cm²
- 長拉桿才有中心出水功能
- Repetition accuracy : 2μm
- Max. 1800rpm
- Spring force 210 kgs
- Air turbo clamping force 700 kgs
- Min. air supply 6kg/cm²
- Only longer drawbar w/center watering function

本產品台灣發明專利第 I663027 號

Taiwan Invention Patent No. I663027

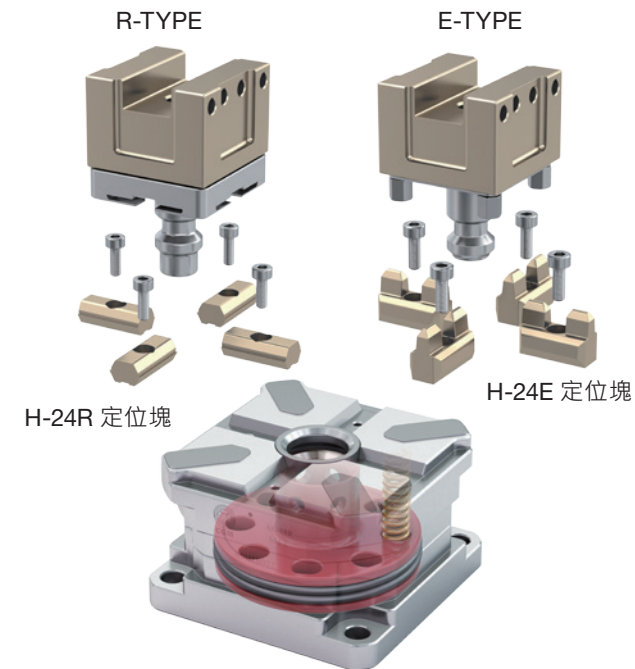
- 重複定位精度 2μm
- 最高轉速 1800rpm
- 彈簧夾持拉力 600kgs
- 氣壓增壓拉力 1300kgs
- 最低供氣壓力 6kg/cm²
- 長拉桿才有中心出水功能
- Repetition accuracy : 2μm
- Max. 1800rpm
- Spring force 600 kgs
- Air turbo clamping force 1300 kgs
- Min. air supply 6kg/cm²
- Only longer drawbar w/center watering function

- 三爪式鎖緊機構。
- 具有中心沖油功能。
- 最大容許加工電流：120A
- 夾持後電極吊重 2000kgs
- 重複定位精度 2μm
- 3-jaws type Mechanism
- With Center oiling function
- Maximum current : 120A
- Clamping force : 2000kgs
- Repetition accuracy : 2μm

本產品台灣新型專利第 M620650 號

Taiwan Utility Patent No. M620650

AE-88R/AM100RS 夾頭特點 Pneumatic Chuck Characteristics



Characteristics 特點 1

當更換 E-TYPE 或 R-TYPE 定位塊後，
活塞夾緊機構會自動補償拉桿尺寸誤差。

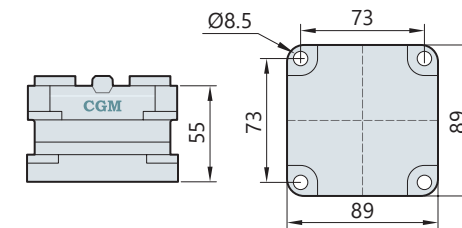
定位塊後為選擇配件

Characteristics 特點 2

適當之夾持力可在工件遭受不預期撞擊時，
活塞會上升彈開，以減輕機械與設備之損毀。

AE-88R 放電機、銑床兩用

Chuck for EDM & Milling Machines

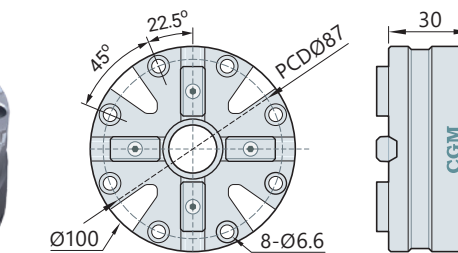


① 氣壓、增壓拉力 Air pressure clamping force : 300kgs
最低供給氣壓力 Min. Air pressure : 6 kg/cm²

▲ 材質 Material : SUS420J2, 52 HRC 重量 Weight : 3.0kgs

AM-100RS 銑床用氣動夾頭

Chuck for Milling Machine



① 氣壓、增壓拉力 Air pressure clamping force : 280kgs
最低供給氣壓力 Min. Air pressure : 6 kg/cm²

▲ 材質 Material : SUS420J2, 52 HRC 重量 Weight : 2.0kgs

適用 短拉桿 夾頭

Suitable for Shorter Drawbar

- 夾持力、彈簧常態拉力:100kgs
- 最大容許加工電流:120A
- 無定位面除汙吹氣。
- 無中心沖油功能。
- 重複定位精度 2μm
- Clamping and Std. spring pull force : 100kgs
- Maximum current : 120A
- W/O blowing holes for surface cleaning
- W/O center oiling function
- Repetition accuracy : 2μm

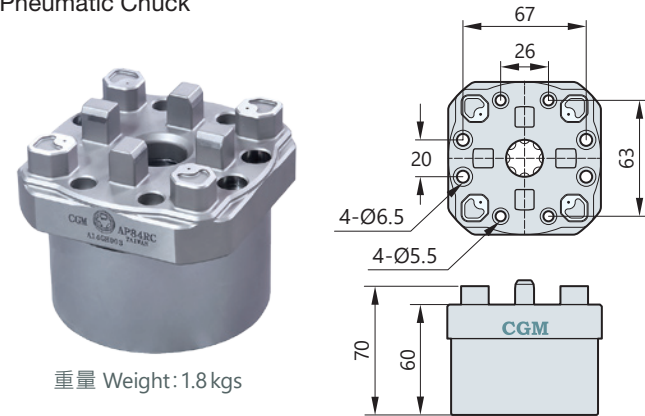
- 夾持力、彈簧常態拉力:100kgs
- 無定位面除汙吹氣與中心出水功能
- 重複定位精度 2μm
- Clamping and Std. spring pull force : 100kgs
- Without blowing holes for surface cleaning and center oiling function.
- Repetition accuracy : 2μm

購買此夾頭須自行加工打開與增壓的夾頭氣孔
Need to DIY the opening and air pressure holes.

重切型氣動夾頭 Heavy Duty Pneumatic Chucks

適用 長拉桿 夾頭
Suitable for Longer Drawbar

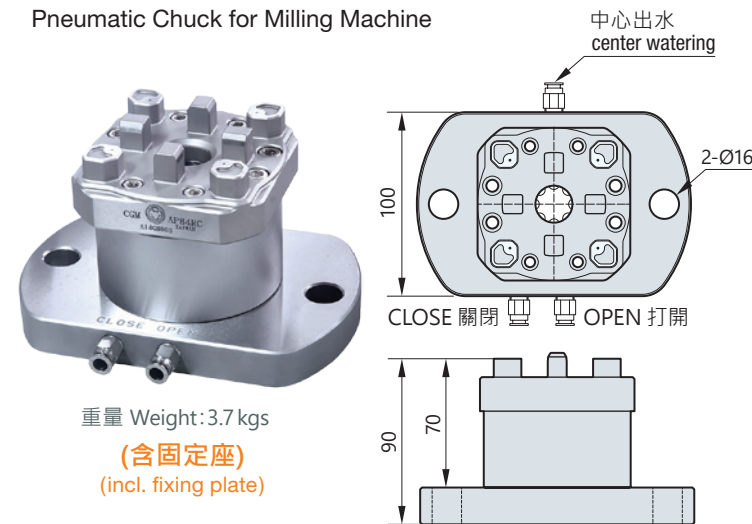
AP-84RC 氣動夾頭 Pneumatic Chuck



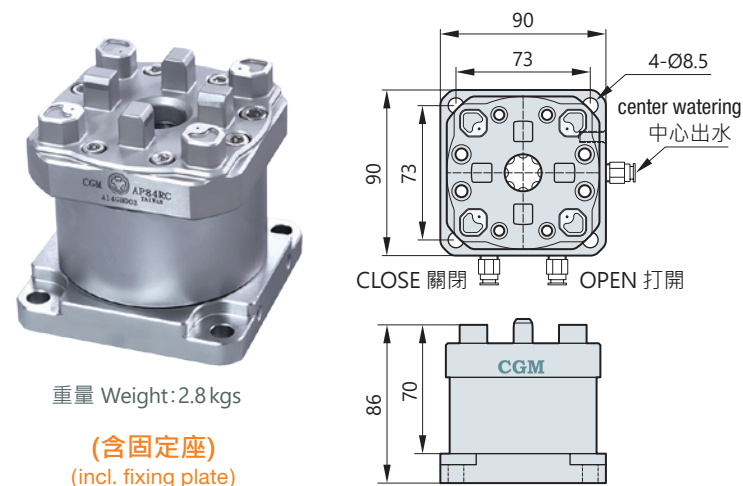
- 具定位面除污吹氣功能
- 重複定位精度 2μm
- 彈簧夾持力 150 kgs
- 氣壓增壓夾持力 400 kgs
- 最低供氣壓力 6 kg/cm²
- W/Air blowing hole for dirty off
- Repetition accuracy : 2μm
- Spring force 150 kgs
- Air turbo clamping force 400 kgs
- Min. air supply 6 kg/cm²

▲ 材質：高硬度不鏽鋼 Material : Stainless Steel 60 HRC

AP-84RC-03 銑床用氣動夾頭 Pneumatic Chuck for Milling Machine



AP-84RC-13 銑床、放電機用氣動夾頭 Pneumatic Chuck for Lathe & EDM

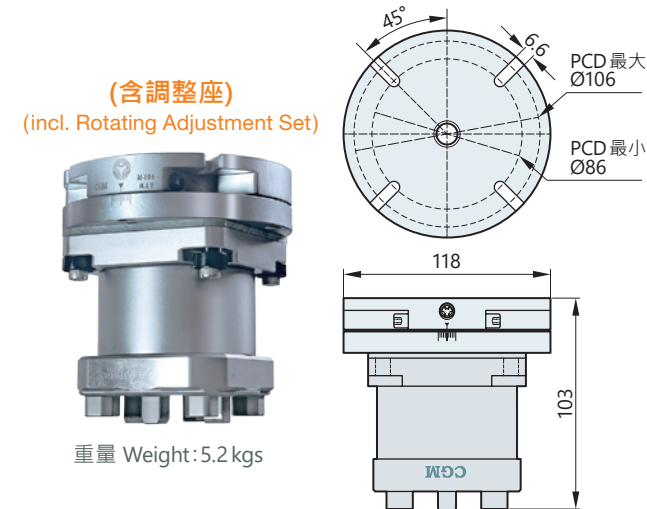


AP-84RC-23 車床用氣動夾頭 Pneumatic Chuck for Lathe



應用於車床及圓筒磨床、調整夾頭同心度
Apply to Lathe and Cylindrical Grinder for centricity adjustment

AP-84RC-13-M 放電機用氣動夾頭 Pneumatic Chuck for EDM

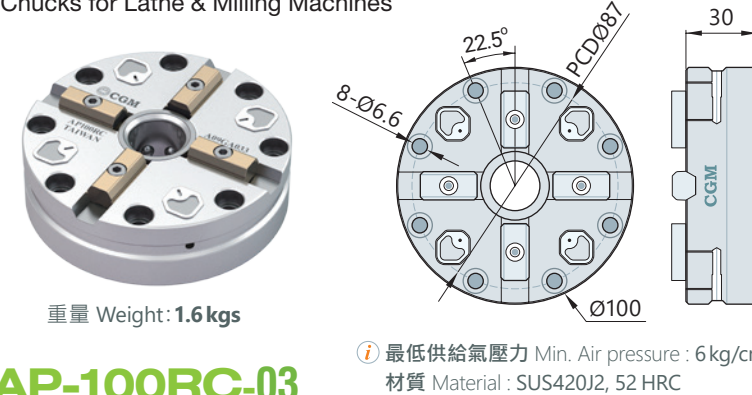


重切型氣動夾頭 Heavy Duty Pneumatic Chucks

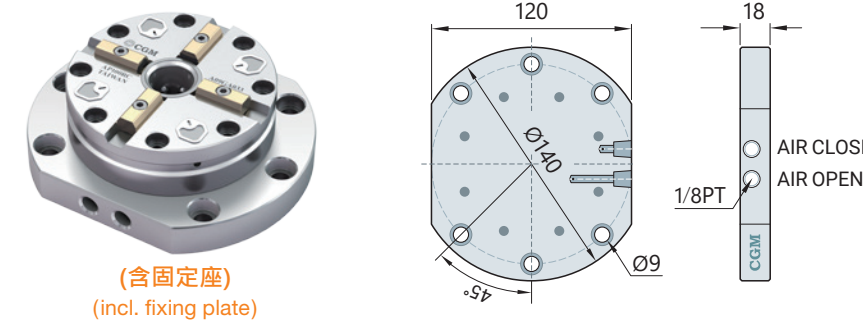
適用 短拉桿 夾頭
Suitable for Shorter Drawbar



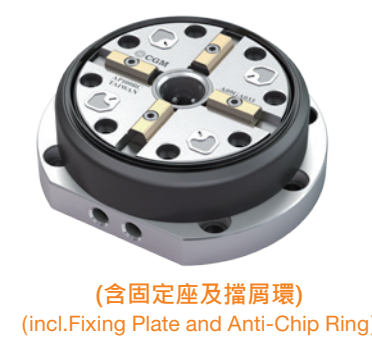
AP-100RC 車床、銑床用氣動夾頭 Chucks for Lathe & Milling Machines



AP-100RC-03



AP-100RC-0304

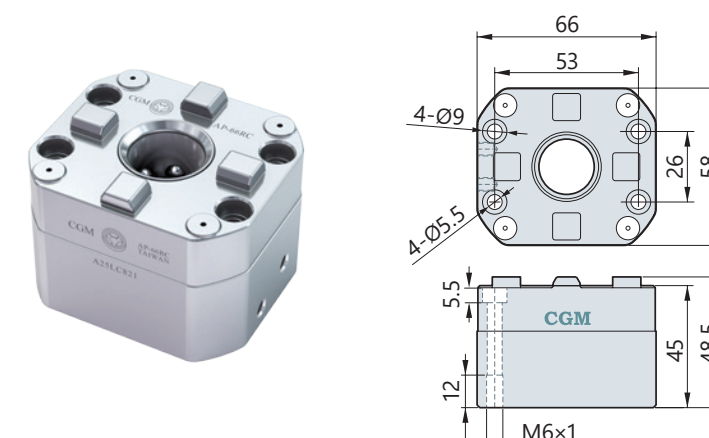


AP-100-04 擋屑環 Chip Cover Ring



AP-66RC 小型氣動夾頭 Mini Pneumatic Chuck

本產品台灣發明專利第 I896116 號
Taiwan Invention Patent No. I896116

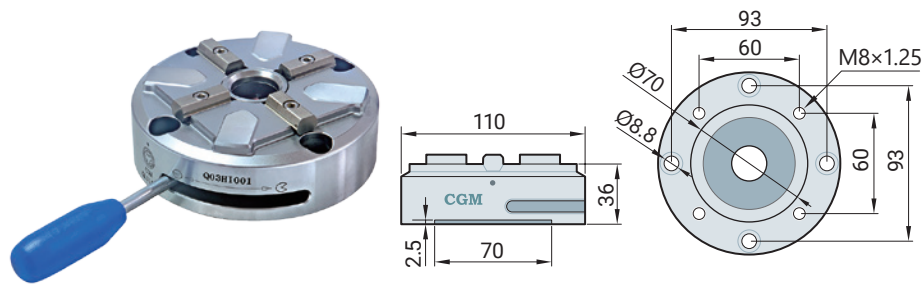


- 定位面密著吹氣兼增壓功能
- 重複定位精度 2μm
- 彈簧夾持力 120 kgs
- 氣壓增壓夾持力 270 kgs
- 最低供氣壓力 6 kg/cm²
- Positioning surface close-fitting air blowing and pressurization function
- Repetition accuracy : 2μm
- Spring force 120 kgs
- Air turbo clamping force 270 kgs
- Min. air supply 6 kg/cm²

手動快速夾頭 Quick manual Chuck

QL-110R 車床、銑床兩用

Chuck for Lathe & Milling Machines

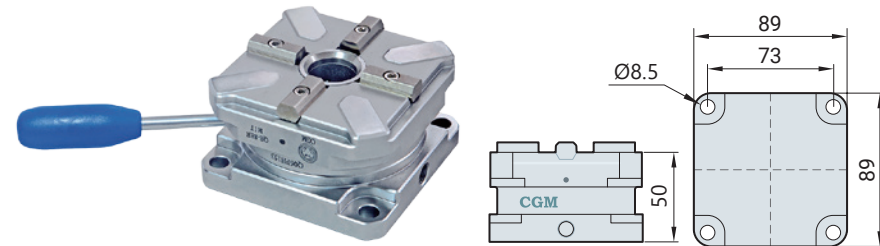


- 三爪式鎖緊機構。
- 最高轉速 1800rpm
- 夾持後電極吊重 2000kgs
- 重複定位精度 2μm
- 3-jaws type Mechanism
- Maximum speed : 1800rpm
- Clamping force : 2000kgs
- Repetition accuracy : 2μm

▲ 材質 Material : **SUS420J2, 52 HRC** 重量 Weight : **2.2 kgs**

QE-88R 放電機、銑床兩用

Chuck for EDM & Milling Machines

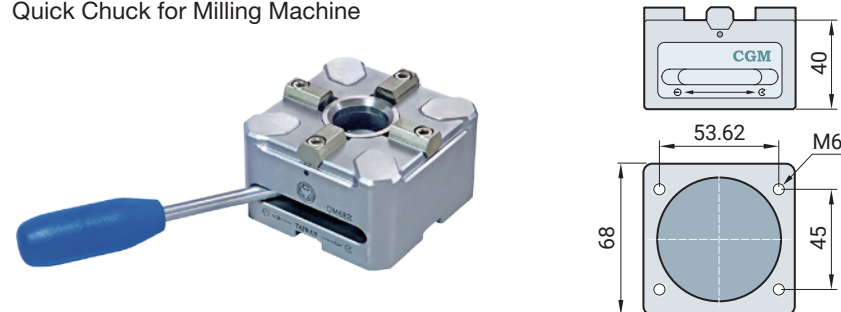


- 三爪式鎖緊機構。
- 具有中心沖油功能。
- 最大容許加工電流：120A
- 夾持後電極吊重 2000kgs
- 重複定位精度 $2\mu\text{m}$
- 3-jaws type Mechanism
- With Center oiling function
- Maximum current : 120 A
- Clamping force : 2000kgs
- Repetition accuracy : $2\mu\text{m}$

▲ 材質 Material : **SUS420J2, 52 HRC** 重量 Weight : **2.45 kgs**

QM-68R 銑床専用

Quick Chuck for Milling Machine

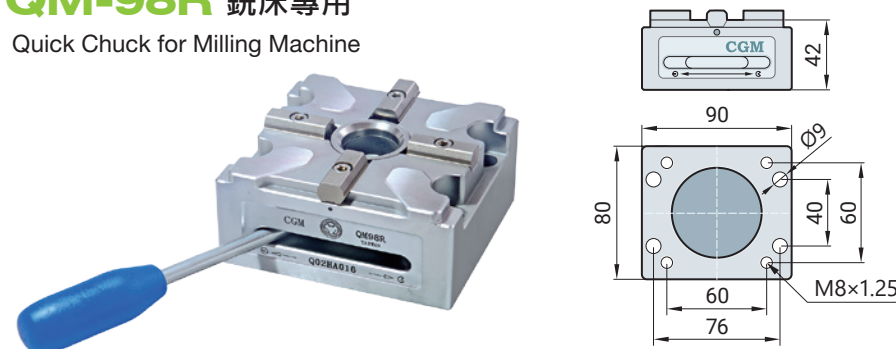


- 三爪鎖緊機構
- 夾持後電極吊重 2000kgs
- 不可使用於放電機加工槽中。
- 重複定位精度 $2\mu\text{m}$
- 3-jaws type Mechanism
- Clamping force : 2000kgs
- Not suitable for EDM
- Repetition accuracy : $2\mu\text{m}$

▲ 材質 Material : **SUS420J2, 52 HRC** 重量 Weight : **1.2 kgs**

QM-98R 銑床専用

Quick Chuck for Milling Machine



- 三爪式鎖緊機構
- 夾持後電極吊重 2000kgs
- 不可使用於放電機加工槽中。
- 重複定位精度 $2\mu\text{m}$
- 3-jaws type Mechanism
- Clamping force : 2000kgs
- Not suitable for EDM
- Repetition accuracy : $2\mu\text{m}$

▲ 材質 Material : **SUS420J2, 52 HRC** 重量 Weight : **1.9 kgs**

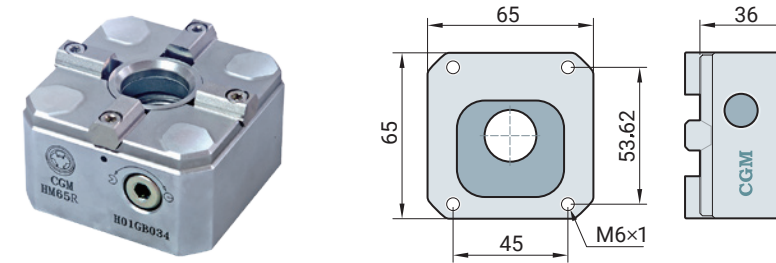
適用 短拉桿 夾頭

Suitable for **Shorter** Drawbar

手動夾頭 Manual Chuck

HM-65R 銑床専用

Chuck for Milling Machine

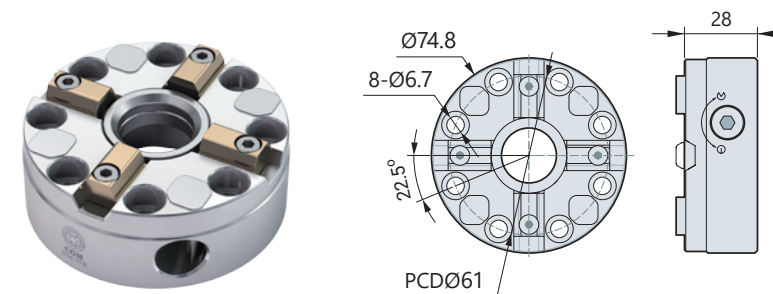


- 夾鉗式快速鎖緊機構。
- 底部四支 6M 螺絲固定孔。
- 夾持後電極吊重 2000kgs
- 重複定位精度 2μm
- Quick Clamp Mechanism
- With 4pcs 6M screws for bottom mounting holes
- Clamping force : 2000 kgs
- Repetition accuracy : 2μm

▲ 材質 Material : **SUS420J2, 52 HRC** 重量 Weight : **0.9 kg**

HM-75R 車床、銑床専用

Chuck for Lathe & Milling Machines

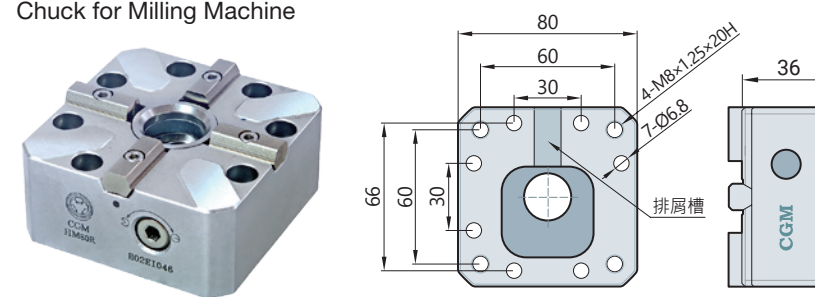


- 夾鉗式快速鎖緊機構。
- 最高轉速 1800rpm
- 夾持後電極吊重 2000kgs
- 重複定位精度 2μm
- Quick Clamp Mechanism
- Maximum speed : 1800rpm
- Clamping force : 2000kgs
- Repetition accuracy : 2μm

▲ 材質 Material : **SUS420J2, 52 HRC** 重量 Weight : **0.7 kgs**

HM-80R 銑床専用

Chuck for Milling Machine

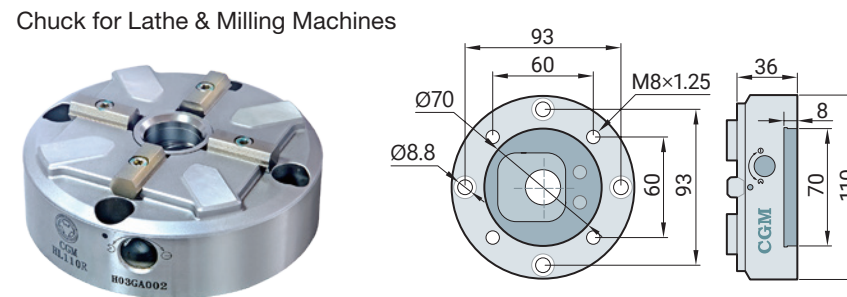


- 夾鉗式快速鎖緊機構。
- 正面螺絲固定孔。
- 底部四支 8M 螺絲固定孔。
- 夾持後電極吊重 2000kgs
- 重複定位精度 2μm
- Quick Clamp Mechanism
- Mounting screws in front side
- With 4pcs 6M screws for bottom mounting holes
- Clamping force : 2000kgs
- Repetition accuracy : 2μm

▲ 材質 Material : **SUS420J2, 52 HRC** 重量 Weight : **1.55 kgs**

HL-110R 車床、銑床専用

Chuck for Lathe & Milling Machines



- 夾鉗式快速鎖緊機構。
- 最高轉速 1800rpm
- 夾持後電極吊重 2000kgs
- 重複定位精度 2μm
- Quick Clamp Mechanism
- Maximum speed : 1800rpm
- Clamping force : 2000kgs
- Repetition accuracy : 2μm

▲ 材質 Material : **SUS420J2, 52 HRC** 重量 Weight : **2.1 kgs**



CGM 拉桿 Drawbar

長拉桿 (放電機用拉桿)
Longer Drawbar for EDM



PR-57R 長拉桿 (放電機用拉桿)

- 具中心出油功能及具有定位槽。
- 主要用於裝置有自動更換電極的放電機或機械。
- 使用時注意定位槽方向，須嵌入電極座才有定位功能
- With center oiling function and positioning slot.
- Particularly for EDM with ATC function.
- Mind the direction of positioning slot and must fit well with electrode holder.

短拉桿 (車床、銑床兩用拉桿)
Shorter Drawbar for Lathe & Milling Machines



PR-37R 短拉桿

- 手動拉桿。
- 具中心出油功能。在手動方式之操作下，適用於 CGM 各型夾頭。
- Manual drawbar
- With center oiling function. Under manual operation, all CGM chucks are applicable.



PR-37RS 全不鏽鋼短拉桿 All stainless steel Drawbar

- 手動拉桿。
- 具中心出油功能。在手動方式之操作下，適用於 CGM 各型夾頭。
- Manual drawbar
- With center oiling function. Under manual operation, all CGM chucks are applicable.

短拉桿 (線切割機用拉桿)
Shorter Drawbar for Wire cut EDM



PR-20WR 鎖牙式短拉桿

- 無中心出油功能。
- 使用此拉桿工件座中心需加工 M10 牙孔。
- W/O center oiling function.
- Center of Drawbar workpiece seat requires machining an M10 threaded hole.



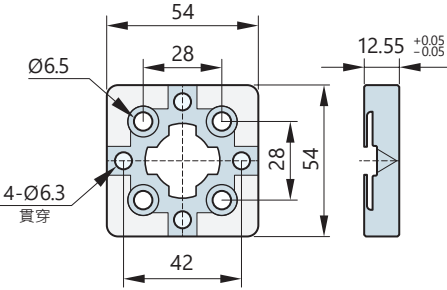
PR-20WRS 鎖牙式不鏽鋼短拉桿 All stainless steel Drawbar

- 無中心出油功能。
- 使用此拉桿工件座中心需加工 M10 牙孔。
- W/O center oiling function.
- Center of Drawbar workpiece seat requires machining an M10 threaded hole.

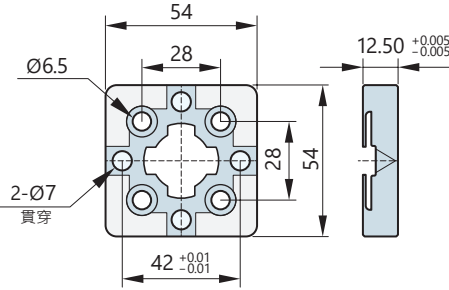
不鏽鋼定位片 Stainless Centering Plate



4H-54R



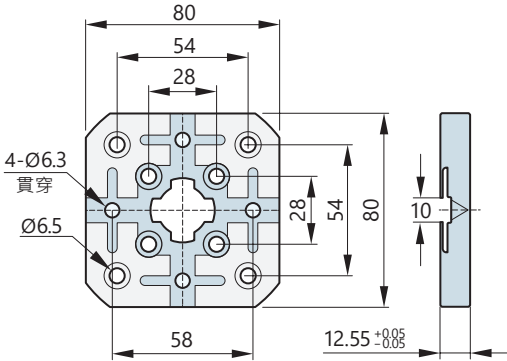
4H-54RP



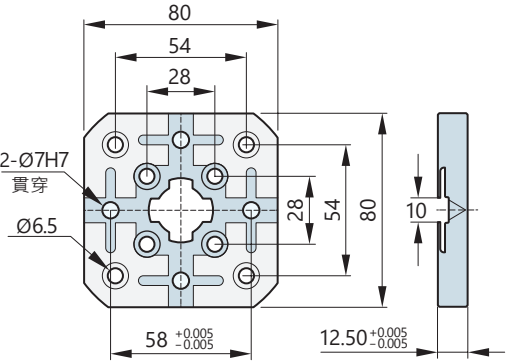
高度平面度管制及定位孔加工
• 附 Ø7x14 定位銷 2只



8H-80R



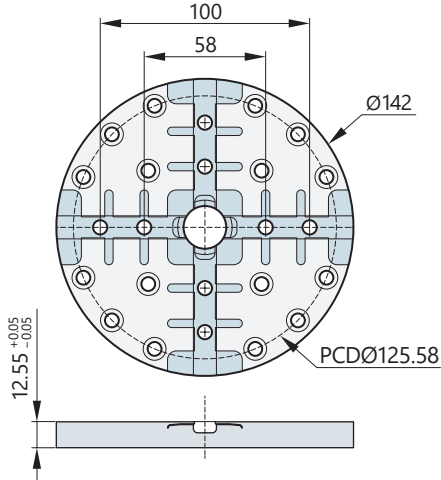
8H-80RP



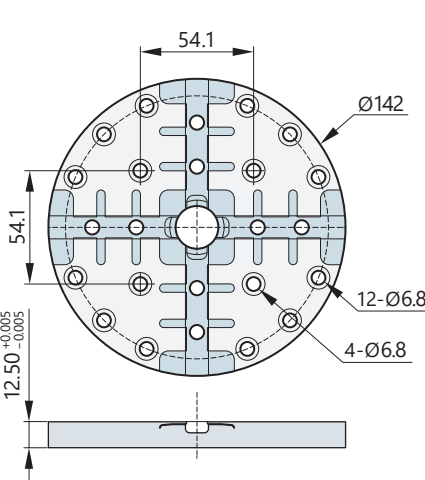
高度平面度管制及定位孔加工
• 附 Ø7x14 定位銷 2只



12H-142R



12H-142RP



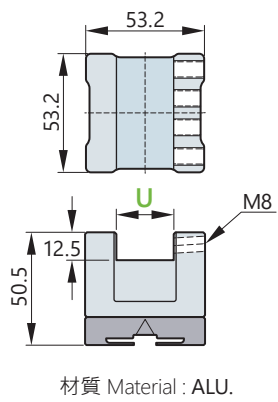
高度平面度管制及定位孔加工
• 附 Ø7x14 定位銷 2只

鋼片式電極座 Electrode Holder with Centering Plate

4H54RU



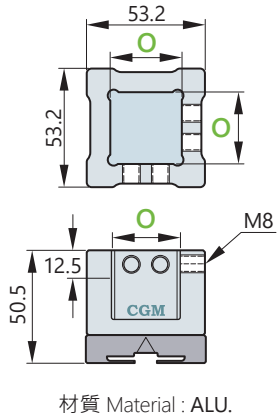
Type No	U (mm)	Weight
4H54RU15	20.4	422g
4H54RU20	20.4	412g
4H54RU25	25.8	404g
4H54RU30	30.4	392g
4H54RU32	32.5	394g



4H54RO



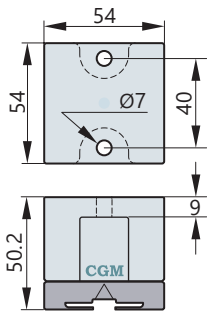
Type No	O (mm)	Weight
4H54RO20	20.5	434g
4H54RO25	25.8	428g
4H54RO30	30.5	420g
4H54RO32	32.5	414g



4H54RL-40



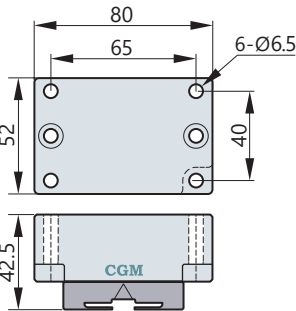
● 重量 Weight : 396g
材質 Material : ALU.



4H54RL-65



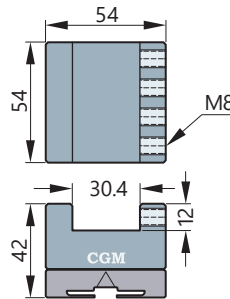
● 重量 Weight : 448g
材質 Material : ALU.



4H54RH-30

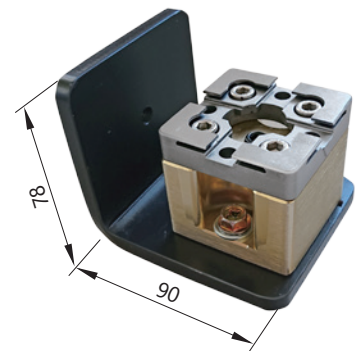


● 重量 Weight : 696g
材質 Material : Steel.



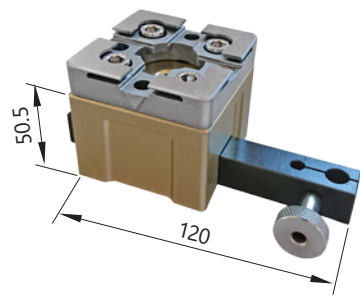
ST-80R

量表直角鋼片座
Fixing Plate
適用於放電機量表磁附著

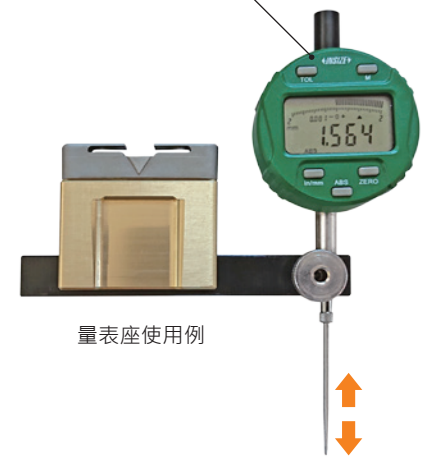


ST-120R

放電機量表座
EDM Fixing Plate
適用於放電機量測深度



量表為選購配件
Dial indicator is optional.

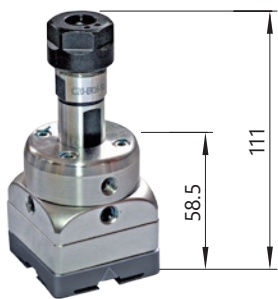


適用於放電機量測深度

治具夾頭 Jig Chuck

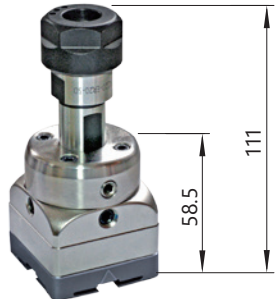
CG-ER16PR

鋼座治具夾頭
Steel Jig Chuck



CG-ER20PR

鋼座治具夾頭
Steel Jig Chuck



CG-ER25PR

鋼座治具夾頭
Steel Jig Chuck



CG-ER32PR

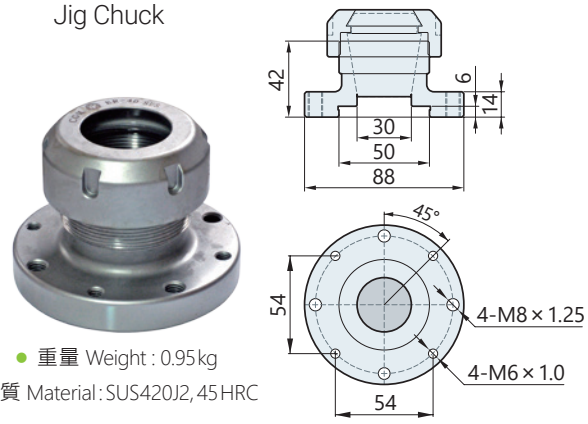
鋼座治具夾頭
Steel Jig Chuck



組立後校正同心度0.01mm內
同心度可調及中孔出水功能

CG-ER40

治具夾頭
Jig Chuck

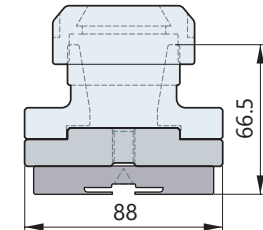


CG-ER40R

鋁座治具夾頭
Aluminum Jig Chuck

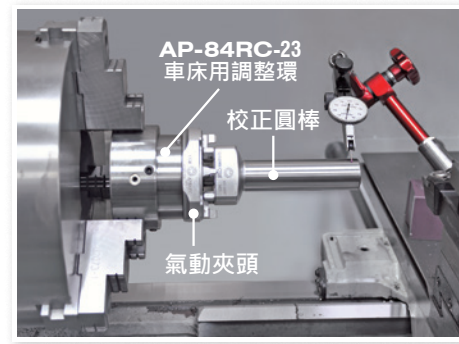


底座材質 Material: Aluminum



ST-166R 鋼片型長圓棒

Long type Calibrating Cylinder



● 校正圓棒適用於車床校驗同心度、平行度。
● Apply to Lathe for checking centricity and flatness.

ST-167R 精密型校正方規

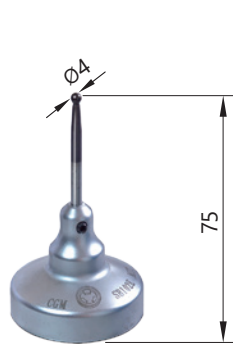
Precision Correction Measurement



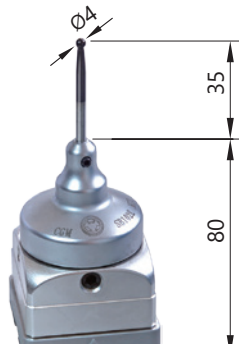
- 五軸 CNC 銑床必備量規。
- 用以校正中心 Ø20 孔校測夾具中心度。
- 用以檢查校正 X, Y 平面度。
- 一體成型材質 SUS420 HRC52 度。
- 5 axis CNC milling machine measurement
- Dia. 20 for centricity correction
- Check the flatness of X, Y axis
- All in one material SUS420, 52 HRC

尋邊器 Edge Finder

- 置放於放電機槽內工件旁，輔助檢測電極尺寸與位置。
- Locate next to EDM tank for assisting the dimension and coordinate measuring.
- 適用於放電機量測尺寸與座標。
- Apply to EDM for dimension and coordinate measuring.



SB-101
基準球座標
Standard Ball Coordinate



SB-102R
固定式尋邊器
Fix Edge Finder for EDM

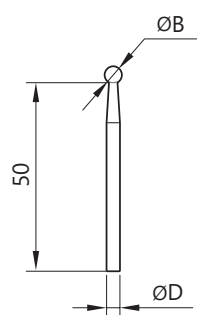


SB-104R
活動式尋邊器
Activity type Edge Finder



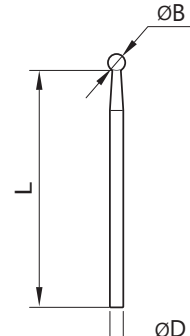
SB-105
活動帶磁性座基準球座標
Activity standard Ball Coordinate

探針 Probe



Type No	ØD	ØB
SB50304	3mm	4mm
SB50305	3mm	5mm
SB50404	4mm	4mm
SB50405	4mm	5mm
SB50406	4mm	6mm

- 表面鍍層：高鋁鈦
- Surface coated : AlTiN
- 材質 Material : SUJ2, 60 HRC



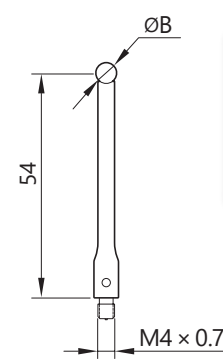
Type No	ØD	ØB	L
WSB50401	4mm	1mm	50mm
WSB50402	4mm	2mm	50mm
WSB70303	3mm	3mm	70mm
WSB70304	3mm	4mm	70mm
WSB80404	4mm	4mm	80mm
WSB80405	4mm	5mm	80mm

- 鎢鋼球探針
- Probe with Tungsten Carbide Ball Tip
- 柄材質 HSS (HSS Shank)

SB-103R

磁著式尋邊器
Activity type Edge Finder

於量測中遭遇非預期撞擊時，測頭會順勢掉落保護機具，增加容錯率。
When encountering unexpected collision during measuring, the probe set will fall down automatically in order to protect the machine tool and increase the fault tolerance rate.

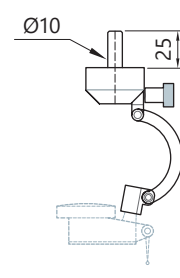
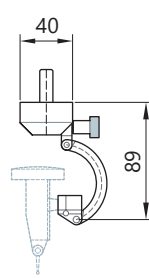


Type No	ØB
WSB60404	4mm
WSB60405	5mm
WSB60406	6mm

- 鎢鋼球探針
- Probe with Tungsten Carbide Ball Tip

STC-1

弓型尋邊器
Edge Finder



裝置於主軸上校正工件平行度、平面度、量測孔座標。
Install on spindle for calibrating the flatness and parallelism of workpiece, as well as coordinating the measuring.

線切割機用配件 Accessories for Wire Cut EDM

全球唯一無須再轉換拉桿、工件座即可運用於線切割、銑床、磨床、打孔機等各式機台上，進行多工序連結自動化加工。
Global sole thin chuck which can combine with workpiece adjusting base for applying to WEDM, Milling, Grinding and Drilling machines. It can carry out multi-process manufacturing for connecting automatic processing easier.

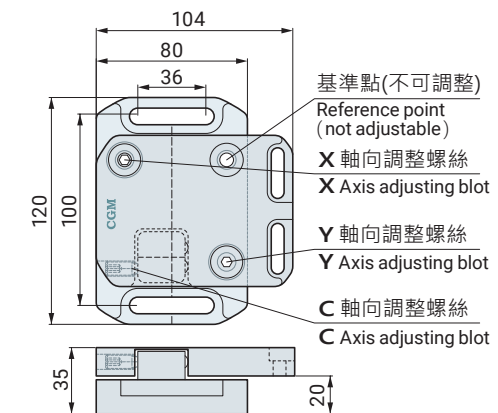


工件調整座使用例
Workpiece Adjustment Example

WS-80 工件調整座 Workpiece Adjusting Plate



- 材質 Material : SUS420, 52 HRC
- 重量 Weight : 1.9kgs
- 需要與配件 WC-100 或 WC-160 才能使用
Workable only with WC-100 or WC-160

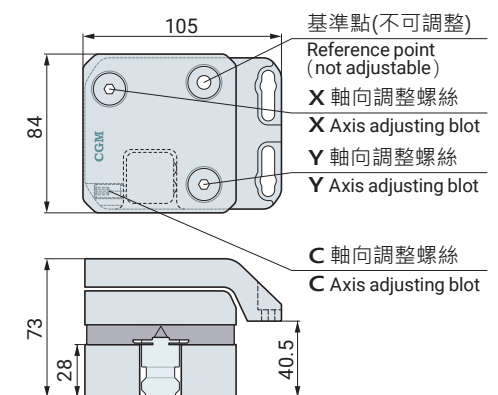


- 調整範圍
X 軸俯仰 ± 1.5°
Y 軸俯仰 ± 1.5°
C 軸俯仰 ± 1.5°
- Adjusting range
X Axis Pitch Angle ± 1.5°
Y Axis Pitch Angle ± 1.5°
C Axis Pitch Angle ± 1.5°

WS-80RA 機外工件調整座 Workpiece Adjusting Plate



- 材質 Material : SUS420, 52 HRC
- 重量 Weight : 1.8kgs
- 需要與夾頭 HW-128/QW-128 及配件 WC-100 或 WC-160 才能使用
Workable only with WC-100 or WC-160



- 調整範圍
X 軸俯仰 ± 1.5°
Y 軸俯仰 ± 1.5°
C 軸俯仰 ± 1.5°
- Adjusting range
X Axis Pitch Angle ± 1.5°
Y Axis Pitch Angle ± 1.5°
C Axis Pitch Angle ± 1.5°

線切割用薄型夾頭 Thin Type Chuck

AW-110RC 線切割機、銑床兩用

Chuck for Wire Cut & Milling Machines



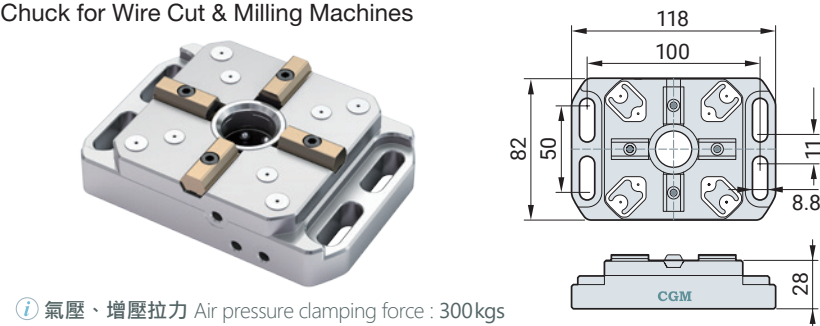
① 氣壓、增壓拉力 Air pressure clamping force : 300kgs
最低供給氣壓力 Min. Air pressure : 6 kg/cm²

▲ 材質 Material : SUS420J2, 52 HRC 重量 Weight : 1.5 kgs

- 具定位面除污吹氣功能。
- 最大容許加工電流 : 120A
- 夾持力、彈簧常態拉力 : 120kgs
- 重複定位精度 2μm
- W / Air blowing hole for dirty off
- Maximum current : 120A
- Clamping force : 120kgs
- Repetition accuracy : 2μm

AW-128RC 線切割機、銑床兩用

Chuck for Wire Cut & Milling Machines



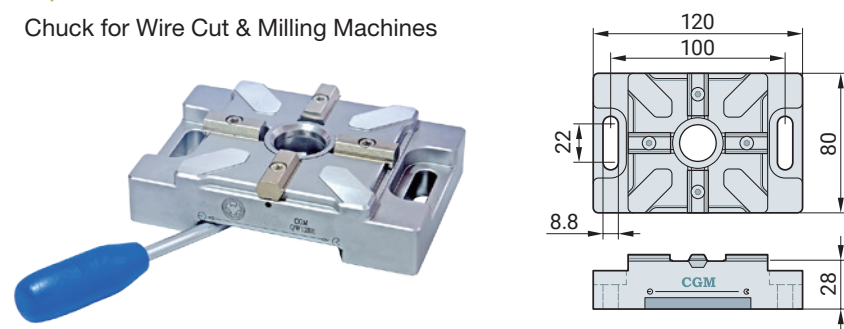
① 氣壓、增壓拉力 Air pressure clamping force : 300kgs
最低供給氣壓力 Min. Air pressure : 6 kg/cm²

▲ 材質 Material : SUS420J2, 52 HRC 重量 Weight : 1.4 kgs

- 具定位面除污吹氣功能。
- 最大容許加工電流 : 120A
- 夾持力、彈簧常態拉力 : 120kgs
- 重複定位精度 2μm
- W / Air blowing hole for dirty off
- Maximum current : 120A
- Clamping force : 120kgs
- Repetition accuracy : 2μm

QW-128R 線切割機、銑床兩用

Chuck for Wire Cut & Milling Machines

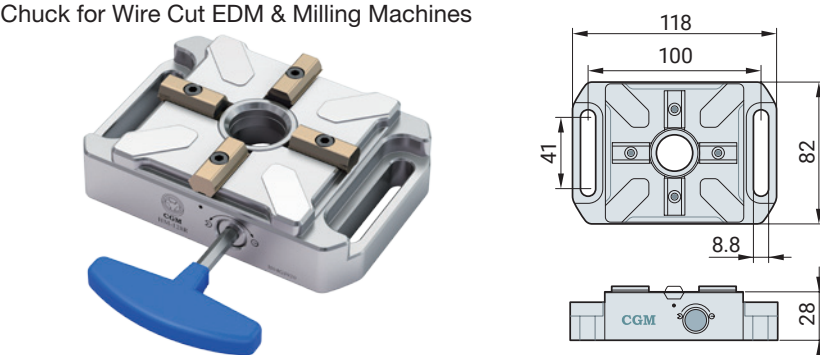


▲ 材質 Material : SUS420J2, 52 HRC 重量 Weight : 1.6 kgs

- 三爪式鎖緊機構。
- 最大容許加工電流 : 120A
- 夾持後電極吊重 2000kgs
- 重複定位精度 2μm
- 3-jaws type Mechanism
- Maximum current : 120A
- Clamping force : 2000kgs
- Repetition accuracy : 2μm

HW-128R 線切割機、銑床兩用

Chuck for Wire Cut EDM & Milling Machines



▲ 材質 Material : SUS420J2, 52 HRC 重量 Weight : 1.6 kgs

- 夾鉗式快速鎖緊機構。
- 夾持後電極吊重 2000kgs
- 重複定位精度 2μm
- Quick Clamp Mechanism
- Clamping force : 2000kgs
- Repetition accuracy : 2μm

適用 短拉桿 夾頭

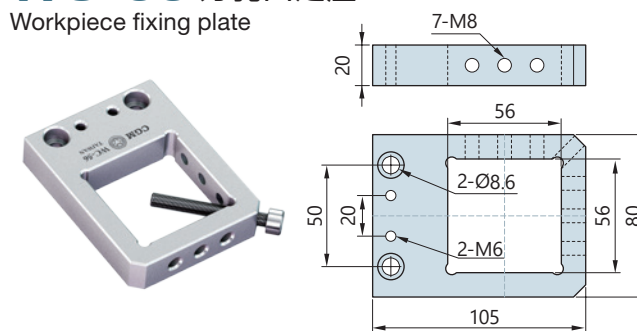
Suitable for Shorter Drawbar

線切割機用配件 Accessories for Wire Cut EDM



WC-56 方孔固定座

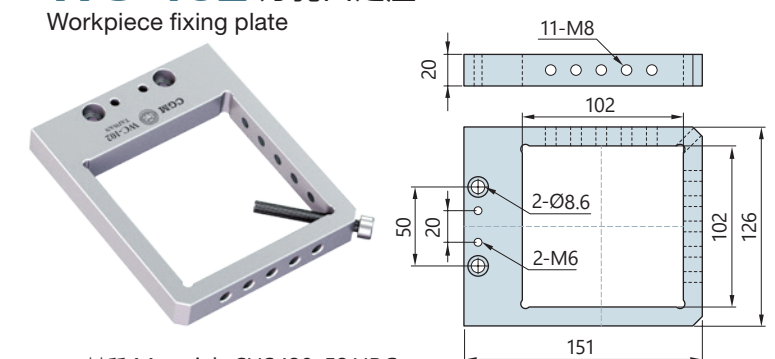
Workpiece fixing plate



- 材質 Material : SUS420, 52 HRC
- 重量 Weight : 0.8 kgs

WC-102 方孔固定座

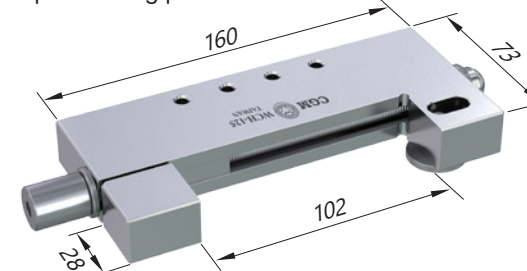
Workpiece fixing plate



- 材質 Material : SUS420, 52 HRC
- 重量 Weight : 1.3 kgs

WCH-125 夾具概圖

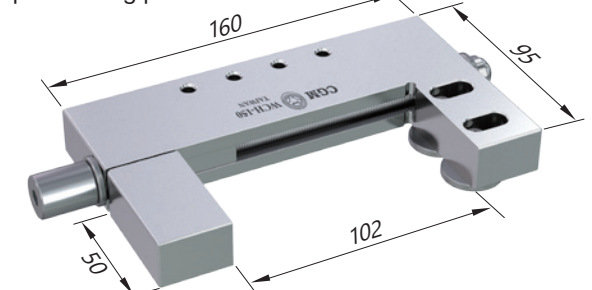
Workpiece fixing plate



- 材質 Material : SUS420, 52 HRC
- 重量 Weight : 1.3 kgs

WCH-150 夾具概圖

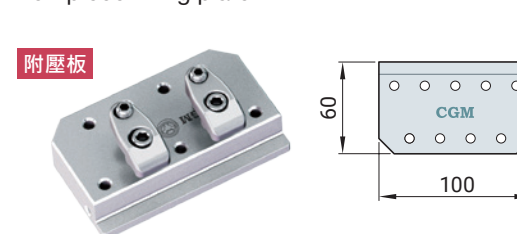
Workpiece fixing plate



- 材質 Material : SUS420, 52 HRC
- 重量 Weight : 1.5 kgs

WC-100 工件固定座

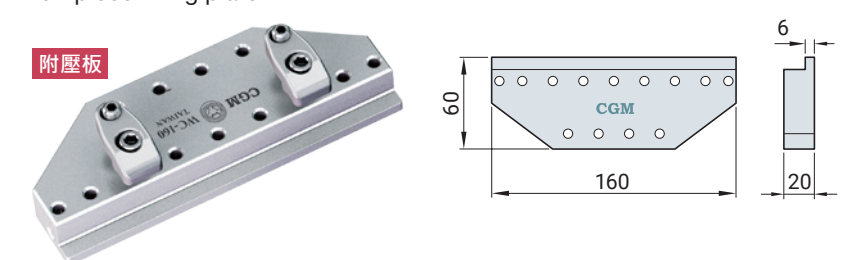
Workpiece fixing plate



- 材質 Material : SUS420, 52 HRC
- 重量 Weight : 1.0 kgs

WC-160 工件固定座

Workpiece fixing plate



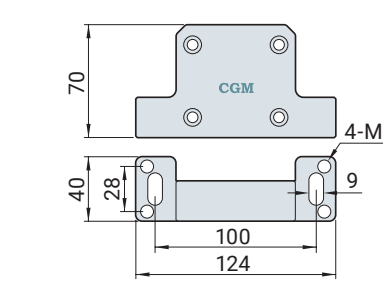
- 材質 Material : SUS420, 52 HRC
- 重量 Weight : 1.3 kgs

WB-124 90度固定座

90° Fixing Plate



- 材質 Material : SUS420, 52 HRC
- 重量 Weight : 1.3 kgs



① QM-68E/HM65E 專用配件
Accessory only for QM-68E/HM65E



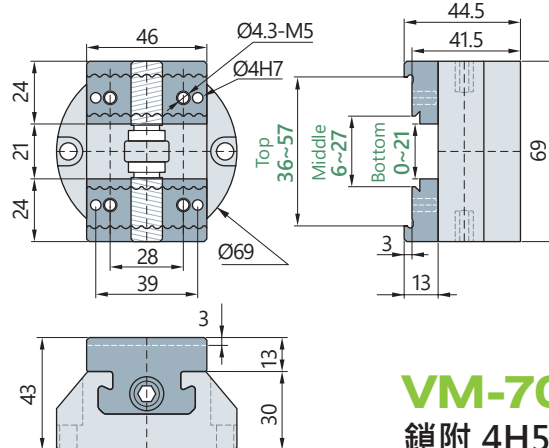
90度固定座使用例

VM 同心虎鉗 Self-Centering Vise

VM-70 同心虎鉗 無配件



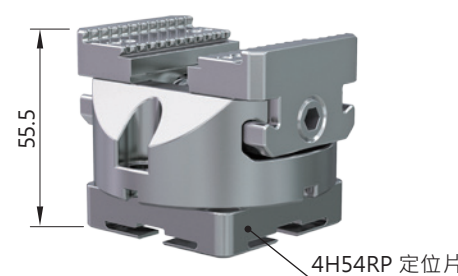
- 材質 Material : SUS420J2, 52HRC
- 重量 Weight : 0.9kgs



VM-70R

鎖附 4H54RP定位片

Self-Centering Vise with 4H54RP Centering Plate



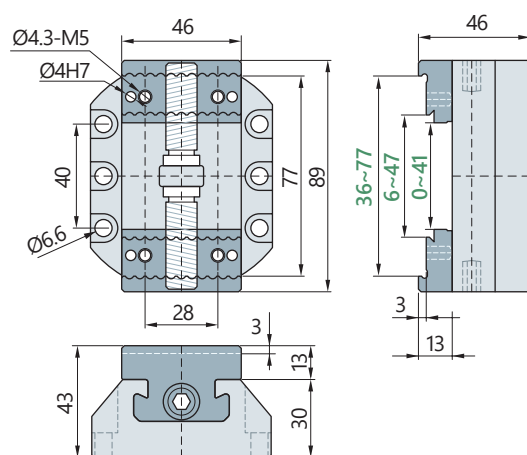
- 重量 Weight : 1.1kgs

- | | |
|-----------------|--|
| ● 重複定位精度 0.01mm | ● Repeat positioning accuracy : 0.01mm |
| ● 夾鉗持範圍： | ● Clamping Range |
| 頂層：36mm ~ 57mm | Top Layer : 36mm ~ 57mm |
| 中層：6mm ~ 27mm | Middle Layer : 6mm ~ 27mm |
| 底層：0mm ~ 21mm | Bottom Layer : 0mm ~ 21mm |

VM-90 同心虎鉗 無配件



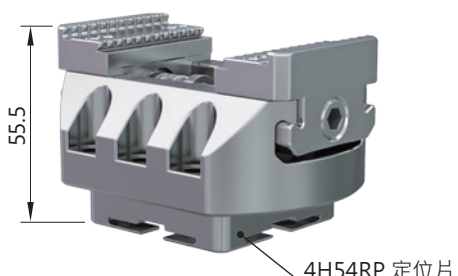
- 材質 Material : SUS420J2, 52HRC
- 重量 Weight : 1.1kgs



VM-90R

鎖附 4H54RP 定位片

Self-Centering Vise with 4H54RP Centering Plate



- 重量 Weight : 1.1kgs

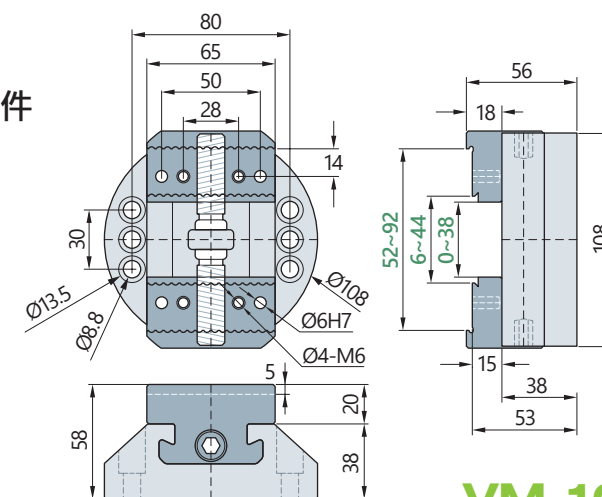
- | | |
|-----------------|--|
| ● 重複定位精度 0.01mm | ● Repeat positioning accuracy : 0.01mm |
| ● 夾鉗持範圍： | ● Clamping Range |
| 頂層：36mm ~ 77mm | Top Layer : 36mm ~ 77mm |
| 中層：6mm ~ 47mm | Middle Layer : 6mm ~ 47mm |
| 底層：0mm ~ 21mm | Bottom Layer : 0mm ~ 21mm |



VM-108 同心虎鉗 無配件

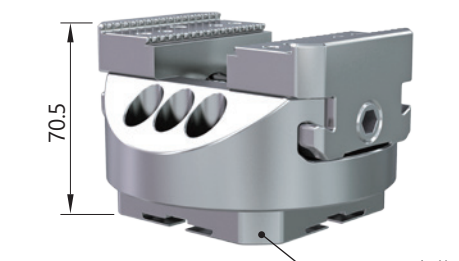


- 材質 Material : SUS420J2, 52HRC
- 重量 Weight : 2.5kgs



VM-108R
鎖附 8H80RP 定位片

Self-Centering Vise with 4H54RP Centering Plate

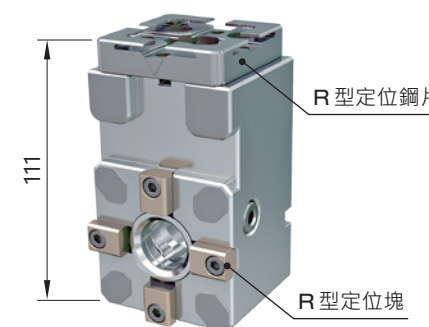


- 重量 Weight : 2.9kgs

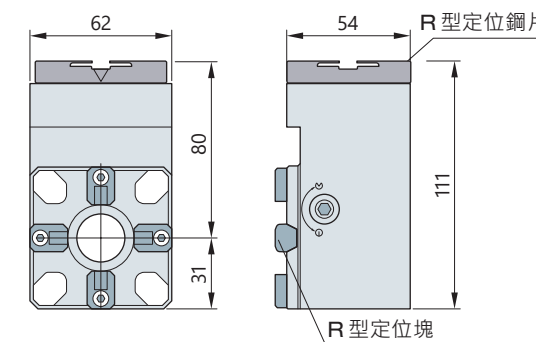
- | | |
|-----------------|--|
| ● 重複定位精度 0.01mm | ● Repeat positioning accuracy : 0.01mm |
| ● 夾鉗持範圍： | ● Clamping Range |
| 頂層：52mm ~ 92mm | Top Layer：52mm ~ 92mm |
| 中層：6mm ~ 44mm | Middle Layer：6mm ~ 44mm |
| 底層：0mm ~ 38mm | Bottom Layer：0mm ~ 38mm |

直角轉換夾頭系列 Vertical Conversion Chuck

HR-80RL
直角夾頭 R 型轉 R 型

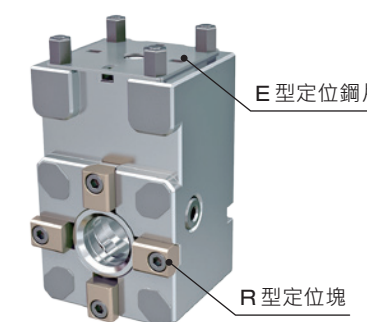


- 材質 Material : SUS420J2, 52HRC
- 重量 Weight : 1.8kgs



HE-80RL

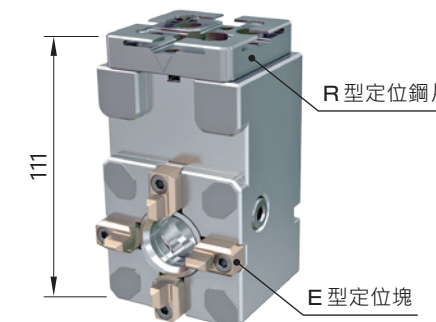
直角夾頭 E 型轉 R 型



- 夾鉗式快速鎖緊機構。
- 最大容許加工電流：120A
- 夾持後電極吊重 15kg。
- 重複定位精度 2μm
- Quick Clamp Mechanism
- Maximum current : 120A
- Clamping force : 15kgs
- Repeat positioning accuracy : 2μm

無中心出水功能
Without center oiling function.

HR-80EL
直角夾頭 R 型轉 E 型



放電機電極庫用電極校正頭

Electrode Calibrating Holder
for EDM with Auto Tool (electrode) Changer

本產品台灣發明專利第 I890382 號

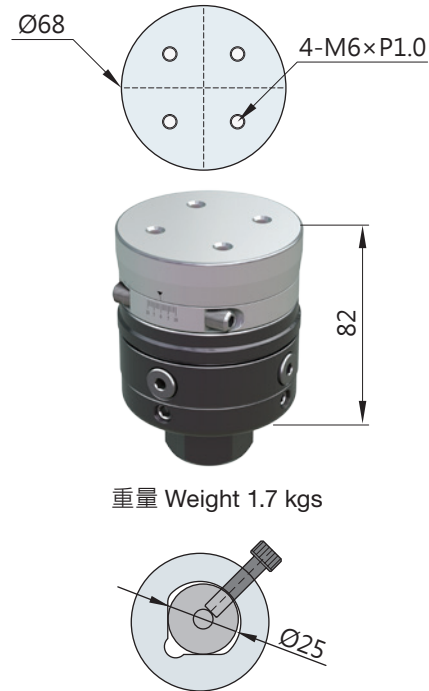
Taiwan Invention Patent No. I890382

HE-70RN 電極調整頭

Electrode Calibrating Holder

R 型孔位六向調整 (不含定位片)

R type, 6DoF adjustmtnet w/o centering plate



- 平行度調整正負 10 度
- 平面度調整正負 2.5 度
- 治具柄孔最大 Ø25
- 最大吊重 20 Kgs
- 調整螺絲最大鎖緊力 6N-m
- 不附拉桿
- Parallelism adjustment $\pm 10^\circ$
- Flatness adjustment $\pm 2.5^\circ$
- Electrode Max dia. Ø25mm
- Electrode Max. Weight 20 kgs
- Screw tightening torque max. 6Nm
- W/o Drawbar

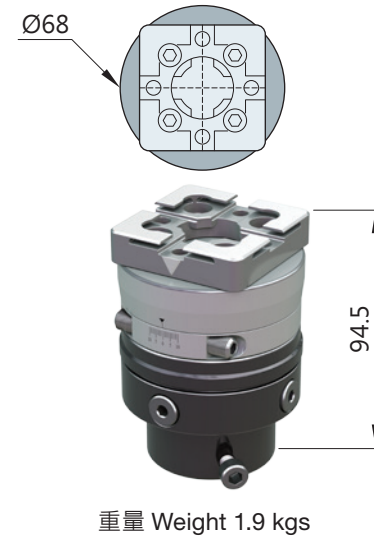
重量 Weight 1.7 kgs

HE-70R50 電極調整頭

Electrode Calibrating Holder

鎖附 R 型 4H54R 定位片

With R Type #4H54R centering plate



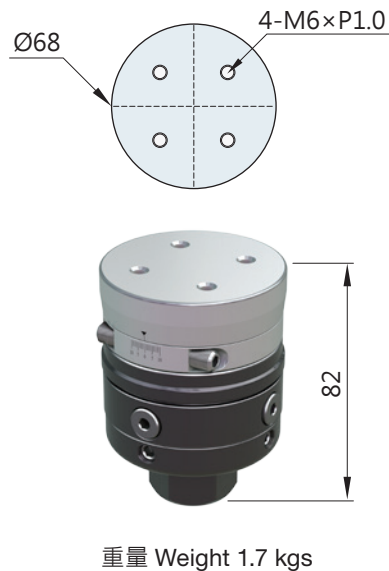
重量 Weight 1.9 kgs

HER-70RN 電極調整頭

Electrode Calibrating Holder

R 型孔位十向調整 (不含定位片)

R type, 10DoF adjustmtnet w/o centering plate



- ER20 夾持孔徑 2 ~ 13mm
- 同心度調整正負 1.5mm
- 平行度調整正負 10 度
- 平面度調整正負 2.5 度
- 最大吊重 10 Kgs
- 調整螺絲最大鎖緊力 6N-m
- 不附拉桿與 ER-20 筒夾
- ER20 clamping dia. Ø2 ~ Ø13mm
- Concentricity adjustment $\pm 1.5\text{mm}$
- Parallelism adjustment $\pm 10^\circ$
- Flatness adjustment $\pm 2.5^\circ$
- Electrode Max. Weight 10 kgs
- Screw tightening torque max. 6Nm
- W/o Drawbar and ER-20 Collet

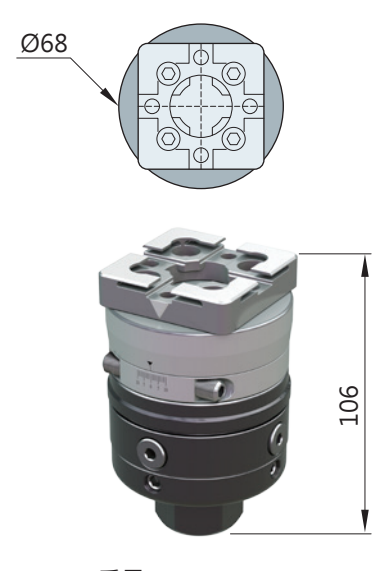
重量 Weight 1.7 kgs

HER-70R50 電極調整頭

Electrode Calibrating Holder

鎖附 R 型 4H54R 定位片

With R Type #4H54R centering plate



重量 Weight 2.0 kgs

治具定位型電極校正頭

Fixture positioning type electrode adjustment head

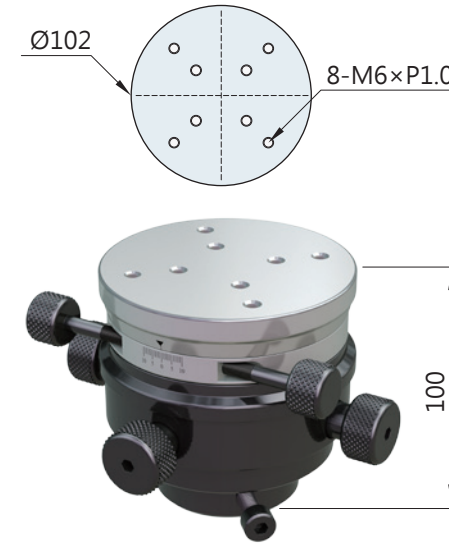


HE-100RN 電極調整頭

Electrode Calibrating Holder

R 型孔位六向調整 (不含定位片)

R type, 6DoF adjustmtnet w/o centering plate



重量 Weight 5.0 kgs

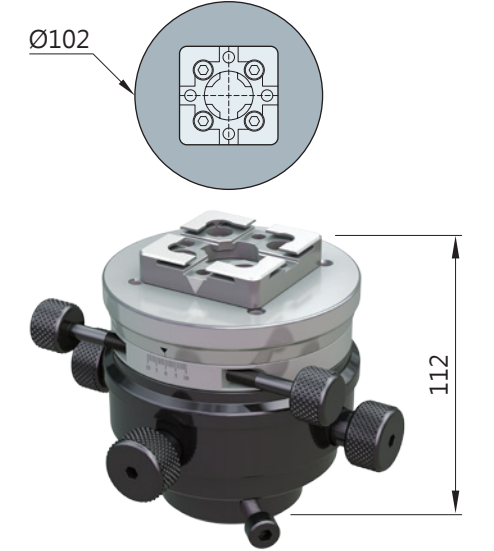
- 平行度調整正負 10 度
- 平面度調整正負 3 度
- 治具柄孔最大 Ø31
- 最大吊重 25 Kgs
- 調整螺絲最大鎖緊力 6N-m
- Parallelism adjustment $\pm 10^\circ$
- Flatness adjustment $\pm 3^\circ$
- Electrode Max dia. Ø31mm
- Electrode Max. Weight 25 kgs
- Screw tightening torque max. 6Nm

HE-100R50 電極調整頭

Electrode Calibrating Holder

鎖附 R 型 4H54R 定位片

With R Type #4H54R centering plate



重量 Weight 5.2 kgs

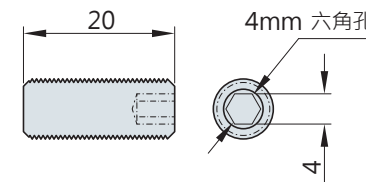
電極校正頭零配件

Adjustment head Accessories

HE-70 型 - 平行度調整螺絲

HE-70 type Parallelism adjustmentscrew

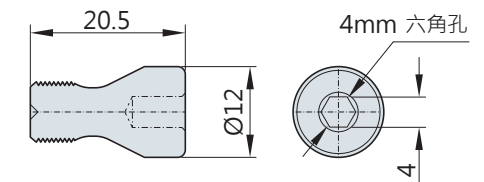
編號 No : HE07000106



HE-70 型 - 垂直度調整螺絲

HE-70 type Verticality adjustmentscrew

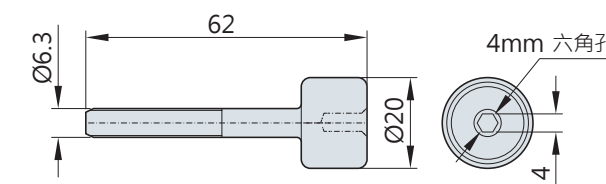
編號 No : HE07000107



HE-100 型 - 平行度調整螺絲

HE-100 type Parallelism adjustmentscrew

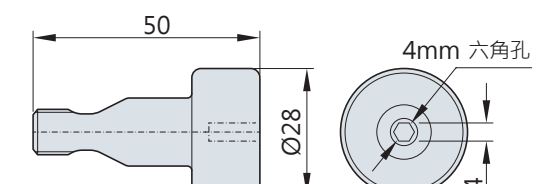
編號 No : HE10000106



HE-100 型 - 垂直度調整螺絲

HE-100 type Verticality adjustmentscrew

編號 No : HE10000107



簡化加工製程、工作事半功倍

SIMPLIFY THE MACHINING PROCESS AND GET THE RESULT WITH HALF THE EFFORT



TAIWAN R&D MANUFACTURE BRAND - CGM CHUCK

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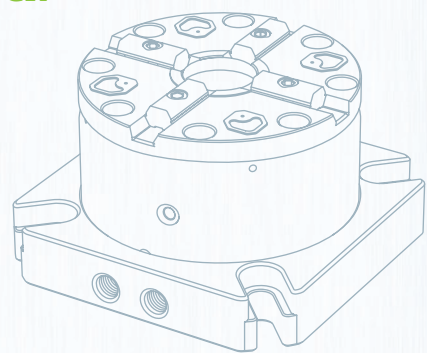
本產品並不支援或相容於其他廠牌的系統，如有不當之修改之使用將無法提供保固與服務。

創新技術：本產品已榮獲多項國內外專利，仿冒必究。以卓越產品為目標及精益求精之精神仍不斷改進研發，我們保留技術修改之權利，若有變更恕不另行通知。

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