

HERBERT

豪伯特企業有限公司
HERBERT ENTERPRISE CO., LTD.



TAIWAN EXCELLENCE



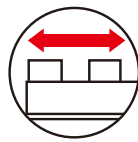
專利產品 請勿仿冒

專利字號 PATENT 308823 / 256258 / 311528

空油壓快速虎鉗
PNEUMATIC QUICK VISE



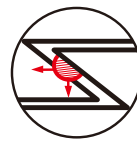
倍力
Powerful



大開口
Big opening



並列式
Paralleling



下壓結構
Prevent lifting

MC 全鋼式角固/倍力式空壓快速虎鉗 MC PNEUMATIC QUICK VISE



Optional Accessories

- Special application jaw plates
- Vise positioner
- Swivel Base
- Opening jaw plates

標準附件：

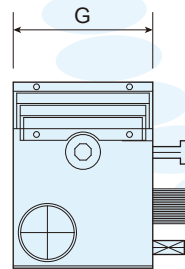
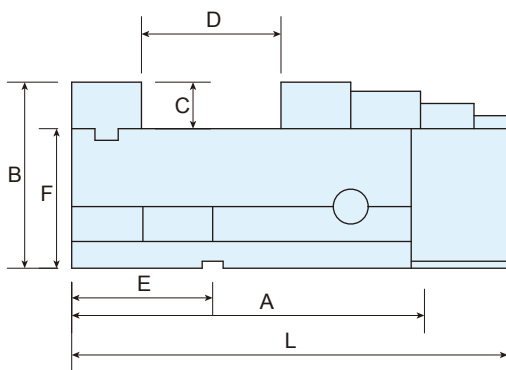
- 把手一組
- 導正鍵2個，M6x10L螺絲2支
- 虎鉗防屑裝置
- 虎鉗固定塊（4只）

特別附件：

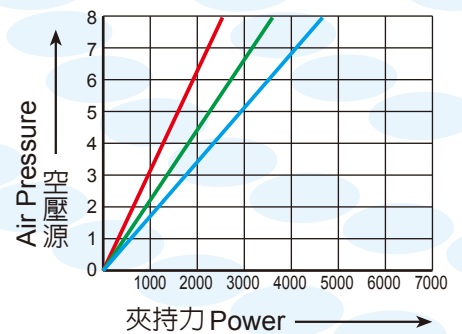
- 特別虎口
- 虎鉗定位器
- 迴轉盤
- 大開口鉗口一組(LJ)

Standard accessories

- Handle-1 set
- Guide key-2pcs
- Screw-M6x10Lx2pcs
- Chip cover 5. Vise locked block-4pcs



空壓源與夾持力示意圖 AIR PRESSURE CHART



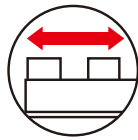
特性：

- 倍力式空壓快速虎鉗適合MC立式綜合切削加工機，銑床、鑽床、專用機等大量生產加工快速夾具。
- 倍力機構配合空壓快速，達到快速和大夾持力功能，且只需接上空壓源即可免用油推送，以防漏油之虞。
- 本虎鉗設計有安全止逆裝置，當空壓源突然停止供應時，夾持力永不鬆脫，安全性高。
- Most compact pneumatic mechanism design. No oil, just joint with the air supply will do.
- Easy and simple ON-OFF switch control for pneumatic operation. The optional electric control for automatic and FMS system is available.
- Most suitable for mass production and to be used on machine centers, milling machines. Drilling machines and special purpose machines.

MODEL	A	B	C	D	E	F	G	L	空壓源	夾持力 POWER	行程 TRAVEL
MVS-115-RL	300	160	40	120	120	120	120	375	0~6	2200kgf	0~3mm
MVS-130-RL	370	177	52	150	180	125	130	445	0~6	3000kgf	0~4mm
MVS-160-RL	390	180	55	160	220	125	160	465	0~6	4500kgf	0~4mm



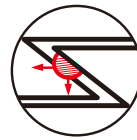
倍力
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Big opening



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Paralleling



下壓結構
Prevent lifting

MC 角固/倍力式空壓快速虎鉗 MC PNEUMATIC QUICK VISE



標準附件：

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- 虎鉗防屑裝置
- 虎鉗固定塊（4只）

特別附件：

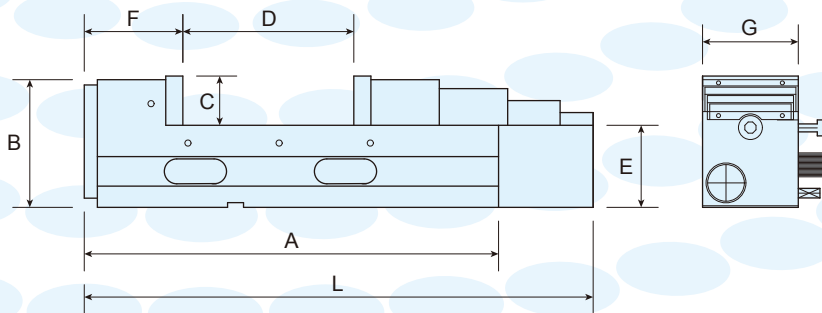
- 特別虎口
- 虎鉗定位器
- 迴轉盤
- 大開口鉗口一組(LJ)

Optional Accessories

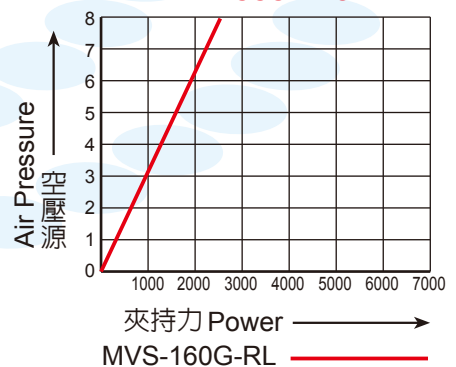
- Special application jaw plates
- Vise positioner
- Swivel Base
- Opening jaw plates

Standard accessories

- Handle-1 set
- Guide key-2pcs
- Screw-M6x10Lx2pcs
- Chip cover 5. Vise locked block-4pcs



空壓源與夾持力示意圖
AIR PRESSURE CHART



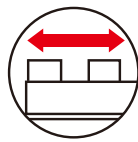
特性：

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- Most suitable for mass production and to be used on machine centers, milling machines. Drilling machines and special purpose machines.

MODEL	A	B	C	D	E	F	G	L	空壓源	夾持力 POWER	行程 TRAVEL
MVS-160G-RL	439	160	58	150	105	150	160	539	0~6	2200kgf	0~3mm



空壓
Air Pressure



大開口
Big opening

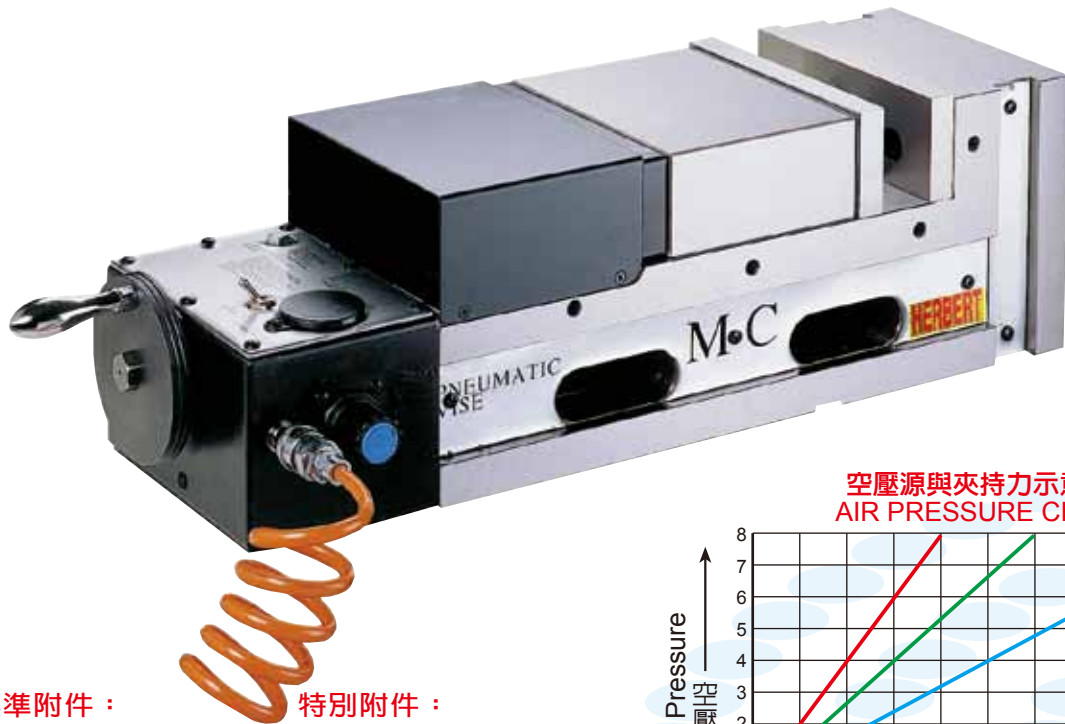


並列式
Paralleling

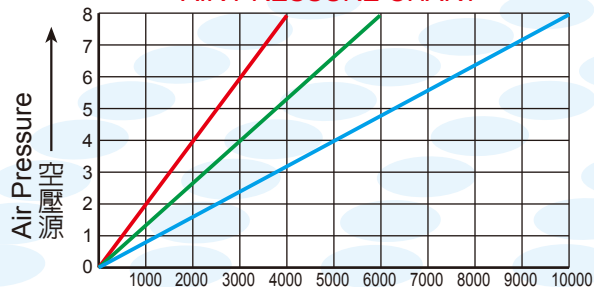


下壓結構
Prevent lifting

MC 角固式空油壓快速虎鉗 PNEUMATIC MC PRECISION ANGLE-FIXED VICE



空壓源與夾持力示意圖
AIR PRESSURE CHART



標準附件：

- 把手一組
- 導正鍵2個，M6x10L螺絲2支
- 虎鉗防屑裝置
- 虎鉗固定塊（4只）

特別附件：

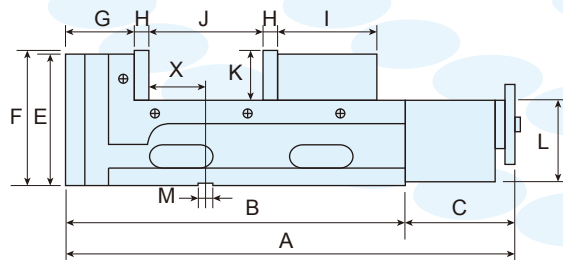
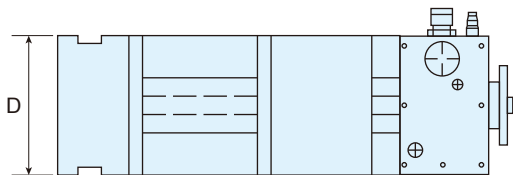
- 特別虎口
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- 大開口鉗口一組(LJ)

Optional Accessories

- Special application jaw plates
- Vise positioner
- Swivel Base
- Opening jaw plates

Standard accessories

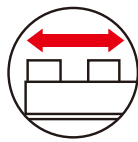
- Handle-1 set
- Guide key-2pcs
- Screw-M6x10Lx2pcs
- Chip cover 5. Vise locked block-4pcs



MODEL	A	B	C	D	E	F	G	H	I	J	K	L	M	X	G.W.	N.W.	POWER
MVS-100	435	320	140	100	145	148	85	15	100	0~100	48	100	16	45	30kg	36kg	3600kgf
MVS-130	520	380	140	130	157	160	85	15	110	0~150	55	105	18	45	42kg	48kg	6000kgf
MVS-160	540	400	140	160	157	160	87	15	120	0~160	55	105	18	45	47kg	58kg	6000kgf
MVS-160L	640	500	140	160	157	160	87	15	120	0~250	55	105	18	45	52kg	63kg	6000kgf
MVS-180	600	460	140	180	170	173	90	18	130	0~200	63	110	18	72	65kg	72kg	9000kgf
MVS-200	610	470	140	200	170	173	90	18	140	0~200	63	110	18	72	70kg	80kg	9000kgf
MVS-200L	710	570	140	200	170	173	90	18	140	0~310	63	110	18	72	80kg	90kg	9000kgf



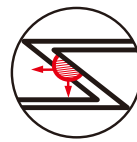
空壓
Air Pressure



大開口
Big opening

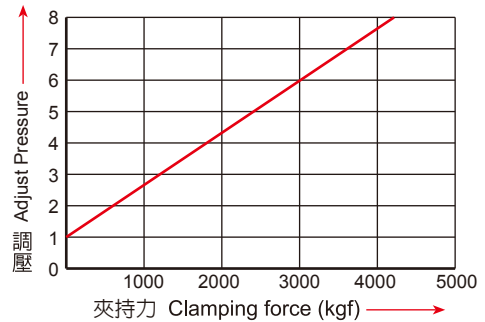


並列式
Paralleling



下壓結構
Prevent lifting

MC 增壓器型雙夾虎鉗 MC SUPERHI-PRESSURE DOUBLEVICE



以氣壓連續推動油路方式，來達成自動化，且不需三點組合來過濾水氣，其特性絕對為全國所僅有甚而超越國內外任何廠牌。

超高挾持力：

空壓源8kg/cm²低壓源，即可4000kgf之超高挾持力，而挾持力從0~4000Kgf可由調壓器自由調整設定。

自動尋找最高空壓源

當銅鋁類產品輕加工或鑄鐵類初胚重切削時，用調壓器設定在所需壓力，也不會因空壓源在低點而失壓，而且有自動補壓及穩壓之功能，以確保工件之挾持。

最大挾持安全距離

開關速度只需1.5秒，手自動雙夾機構自動調整並同時夾持5mm以內兩個大小不同之工件。

超高材質

虎鉗本體材質採用高延展性之石墨鐵(FCD-60)一體成型設計兩側滑軌經硬化熱處理(HRC-50°)，確保高精度、高耐磨、高抗張力。

內藏角固下壓結構

半圓球可產生角固下鎖之力可消除虎口板上浮和工件傾斜。

This outstanding vice is adopt the reciprocating pneu. motor (pat.structure) which is researched and developed by ourselves to push oil circuit in an air-pressure actuating manner, thus obtaining automation without the R.F.Lunit to filter the moisture. So, such a characteristic is unique and distinctive in domestic and international market.

Super hi-gripping force

Only need 8kg/cm² of low air-pressure source to achieve 4000kgf of super hi-gripping force, and this gripping force can be adjusted within 0-4000kgf by using a pressure regulator.

Search the highest compressed air source automatically

When processing copper, aluminum or heavy machining cast iron workpiece or raw cast iron, the pressure regulator can be set at a desired pressure without losing pressure. Besides, the gripping force can be kept to clamp the workpiece securely in auto compensating and pressure stabilizing functions.

The biggest safety clamping range:

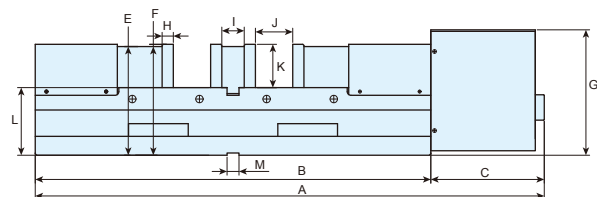
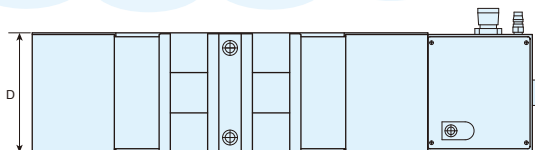
The shifting speed is only 1.5 sec. the double vise mechanism can be adjusted automatically and can simultaneously clamp two different workpieces in less than 5mm of size.

Super rigid material:

The body of the vice is integrally made of hi-tensile graphite casting iron(F-CD-60)and is harden by heat-treatment (HRC 45°) at its two slide way, thereby ensuring hi-precision, hi-durability & hi-tensile.

Submersed angle fixed pressed down structure

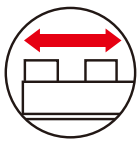
Submersed angle pressed structure in a semi-sphere shape to produce an anglelock power, thus preventing the cutting plate from movement.



MODEL	A	B	C	D	E	F	G	H	I	J	K	L	M	G.W.	N.W.	POWER
MVD-160-100	682	530	152	160	145	148	168	15	30	0~100	58	90	18	63kg	66kg	4000kgf



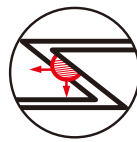
空壓
Air Pressure



大開口
Big opening



並列式
Paralleling



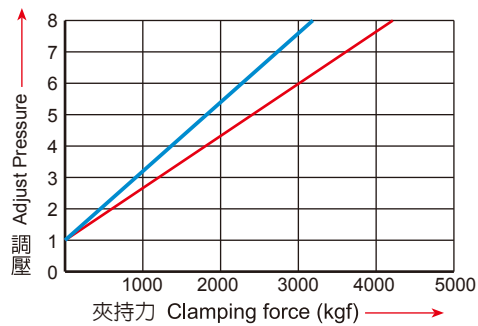
下壓結構
Prevent lifting

MC 增壓器型浮動雙夾虎鉗 MC SUPER HI-PRESSURE DOUBLE VISE

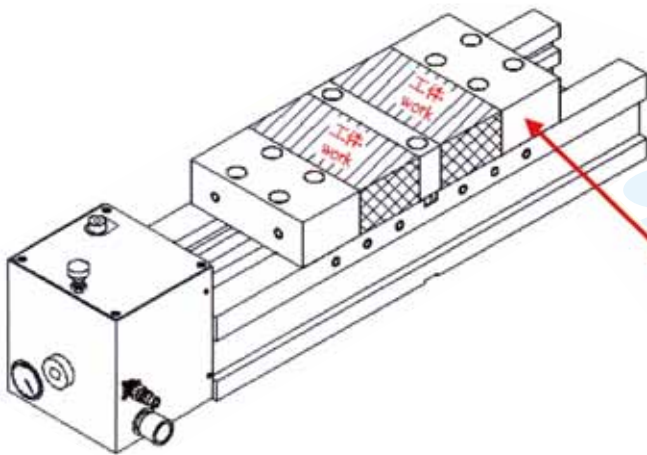


自動雙夾機構
Having automatic dual clamp mechanism

自動整並同時夾持5mm內兩個大小不同之件(發明專利油壓結構)
Automatically adjust and clamp two different workpiece within 5mm
(patented to hydraulic structures)

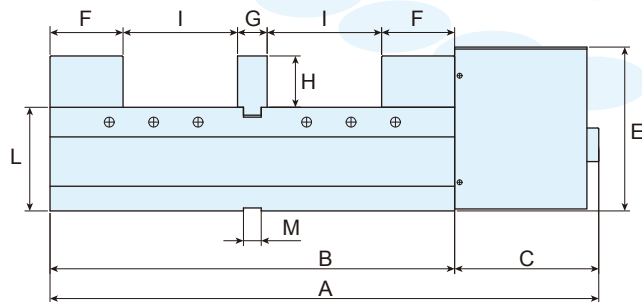
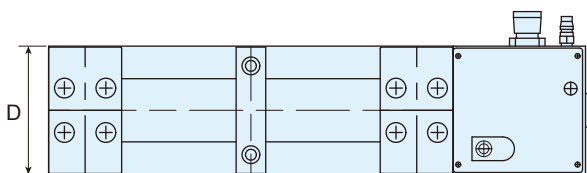
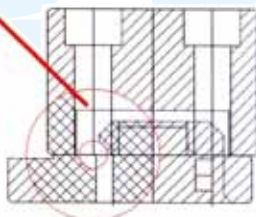


MVQ-130-110 ————
MVQ-160-150 ————



內藏浮動下壓可產生下鎖之力，可消除虎口板上浮和工作傾斜(發明專利結構)(一般由上方螺絲鎖住滑動塊虎鉗沒有下壓力量)

Having built in floating pressing structure to provide downward locking force to eliminate flotation of vise jaw and operational slope (patented structure) (locking slidable block of vise from upper screw, and no pressing force occurs)



MODEL	A	B	C	D	E	F	G	H	I	L	M	G.W.	N.W.	POWER
MVQ-130-110	556	410	146	130	166	74	30	52	0~115	105	18	42kg	44kg	3200kgf
MVQ-160-150	656	510	146	160	168	82	30	55	0~155	105	18	67kg	69kg	4000kgf

'LOCK-TIGHT' MACHINE VISES

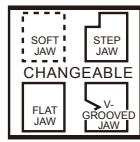


ISO-9001:2015

專利號碼 256258
311528



油壓
Hydraulic



交換虎口
Change



並列式
Paralleling



下壓結構
Prevent lifting

MC 超精密油壓快速虎鉗 MC PRECISION SUPER HI-PRESSURE RAPID VICE

Max. opening capacity
超大開口 300mm



MODEL
HNSP-100A
HNSP-130A
HNSP-160A
HNSP-200A
Travel 0-6



標準附件：

- 把手一組
- 導正鍵2個，M6x10L螺絲2支
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- 虎鉗固定塊（4只）

特別附件：

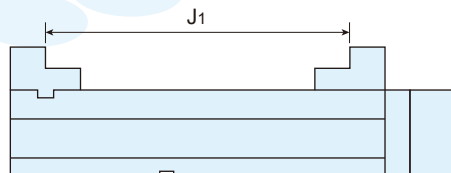
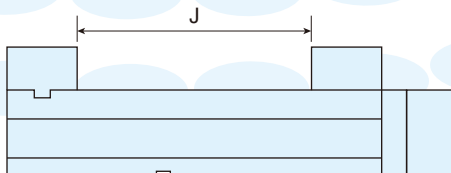
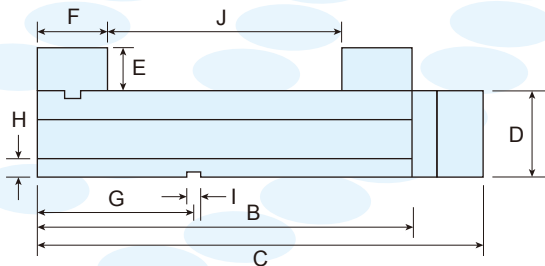
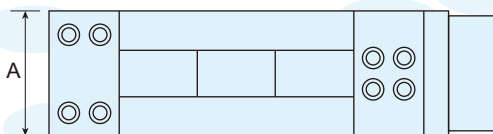
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Optional Accessories

- Special application jaw plates
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MODEL	A	B	C	D	E	F	G	H	I	J	J ₁	TRAVEL	G.W.	N.W.	POWER
HNSP-100	100	310	410	95	45	70	110	23	18	140	200	0~6	27kg	30kg	1800kgf
HNSP-130	130	410	510	100	50	80	135	23	18	230	315	0~6	45kg	48kg	2800kgf
HNSP-160	160	490	590	110	55	85	150	23	18	300	385	0~6	60kg	62kg	3000kgf
HNSP-200	200	565	665	120	60	100	220	23	18	350	450	0~6	100kg	105kg	3000kgf



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