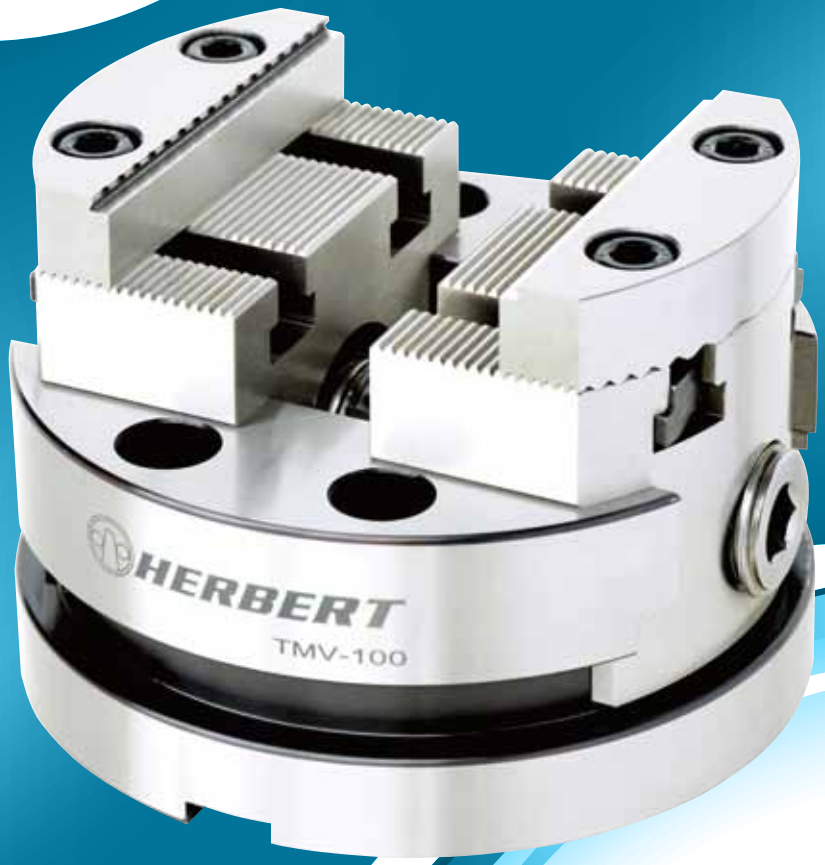


HERBERT

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 **372760**

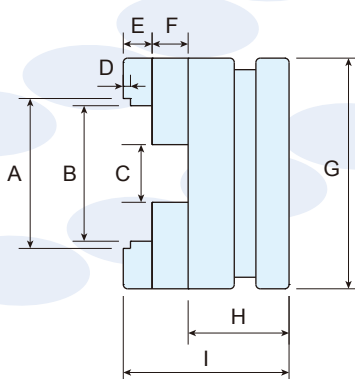
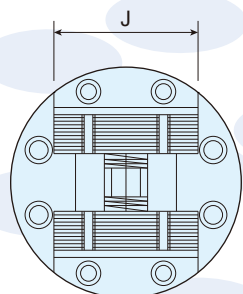
同動求心虎鉗
SELF-CENTERING VISES

同動求心虎鉗 SELF-CENTERING VISES

高High 強度strength. 高High 精度accuracy.

- ▶ 同動式求心虎鉗適用四軸、五軸、CNC分度盤、立臥式CNC銑床之精密加工。
- ▶ 虎鉗中心重覆定位精度可保持 $\pm 0.01\text{mm}$ 。
- ▶ 虎鉗本體材質使用合金鋼一體成型為一般螺絲鎖強度更高，滑軌經高週波熱處理HRC45°以上，可保持高耐磨性。
- ▶ 虎鉗鉗口採用全鋼材質，經熱處理硬度高達HRC55°以上，可拆換方向使用，變化性與互換性極佳。
- ▶ 虎鉗特殊的結構設計，夾持工件時所產生的下壓力能有效防止工件上浮情形，鎖固力極佳。
- ▶ Self Centring Precision Vise is suitable for 4 and 5 Axis CNC Rotary Table usage, either in horizontal or vertical machining.
- ▶ Vise precision of its center repetition position is $\pm 0.01\text{mm}$.
- ▶ Using high quality alloy steel. Slideway has high frequency heat treatment at HRC 45° or more to keep the accuracy and its long use life.
- ▶ Vise hard jaw material is full Steel and heat treatment at HRC 55° or more. Owing to its good design to use both sides of jaw since it is exchangeable.
- ▶ Special design for the Self Centring Precision Vise to prevent work piece from bending during clamping and machining. Thus, it has the best solution in clamping the work piece.

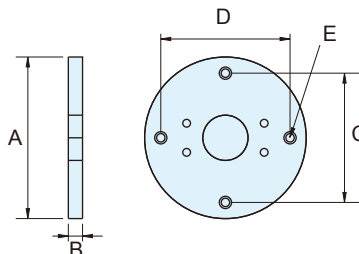
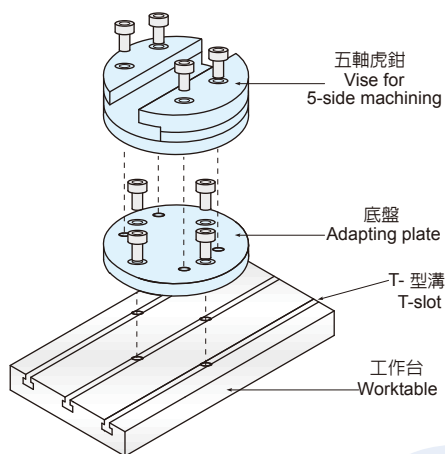


HERBERT**圓形同動求心虎鉗****ISO-9001:2015****SELF-CENTERING VISES****高High 強度strength. 高High 精度accuracy.**專利號碼 **PATENT NUMBER 372760**

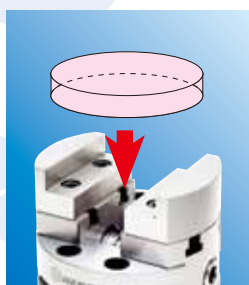
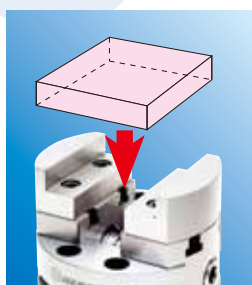
MODEL	A	B	C	D	E	F	G	H	I	J	N.W.
TMV-75	80	70	30	5	15	15	120	50	80	75	8kg
TMV-100	105	95	40	5	20	25	160	70	115	100	15kg
TMV-130	135	125	50	5	25	25	210	75	125	130	34kg
TMV-160	165	155	60	5	25	25	250	80	130	160	49kg

SELF-CENTERING VISES

高High 強度strength. **高High** 精度accuracy.



MODEL	A	B	C	D	E	N.W.
TMV-102	159	22	130	130	M10	3.5kg
TMV-132	209	22	160	160	M12	6.5kg
TMV-162	249	22	200	200	M12	9kg



特性：

- ▶ 同動式求心虎鉗適用四軸，五軸，立臥式CNC銑床之精密加工。
- ▶ 虎鉗中心重覆定位精度可保持 $\pm 0.01\text{mm}$ 。
- ▶ 虎鉗本體材質使用合金工具鋼，滑軌經高週波熱處理HRC45度以上，可保持高耐磨性。
- ▶ 虎鉗鉗口採用全鋼材質，經熱處理硬度高達HRC55度以上，可拆換方向使用，變化性與互換性極佳。
- ▶ 虎鉗特殊的結構設計，夾持工件時所產生的下壓力能有效防止工件上浮情形，鎖固力極佳。

A good solution for clamping on both turning centres and 5-axis milling machines.

- ▶ For quick & easy workpiece clamping on turning centres or for 5-axis machining on machine centres. Round-shaped style occupies less space and reduces interference.
- ▶ Available are different styles of vise jaws for different machining needs. The TMV vises come with different jaw width of 100mm, 130mm, 160mm and 200mm.

SELF-CENTERING VISES

高虎口 HIGH TYPE JAW

MODEL	A	B	C	D	E
TMV-75-J6H	75	35	30	12	15
TMV-100-J6H	99	56	40	28	20
TMV-130-J6H	130	75	45	37	22
TMV-160-J6H	160	85	45	42	22

低虎口 LOW TYPE JAW

MODEL	A	B	C	D	E
TMV-75-J6	75	25	15	5	5
TMV-100-J6	99	33	15	5	5
TMV-130-J6	130	40	25	5	5
TMV-160-J6	160	45	25	5	5

齒式虎口 JAGGED JAW

MODEL	A	B	C	D	E
TMV-75-J9	75	25	15	3	3
TMV-100-J9	99	33	15	3	3
TMV-130-J9	130	40	25	3	3
TMV-160-J9	160	45	25	3	3

軟質虎口 SOFT JAW

MODEL	A	B	C
TMV-75-J1	75	30	30
TMV-100-J1	99	56	40
TMV-130-J1	130	75	45
TMV-160-J1	160	85	45

V 字虎口 V JAW

MODEL	A	B	C
TMV-75-J3	75	30	15
TMV-100-J3	99	38	15
TMV-130-J3	130	45	25
TMV-160-J3	160	50	25

微型 TMV-75 用虎口 MINIATURE JAW

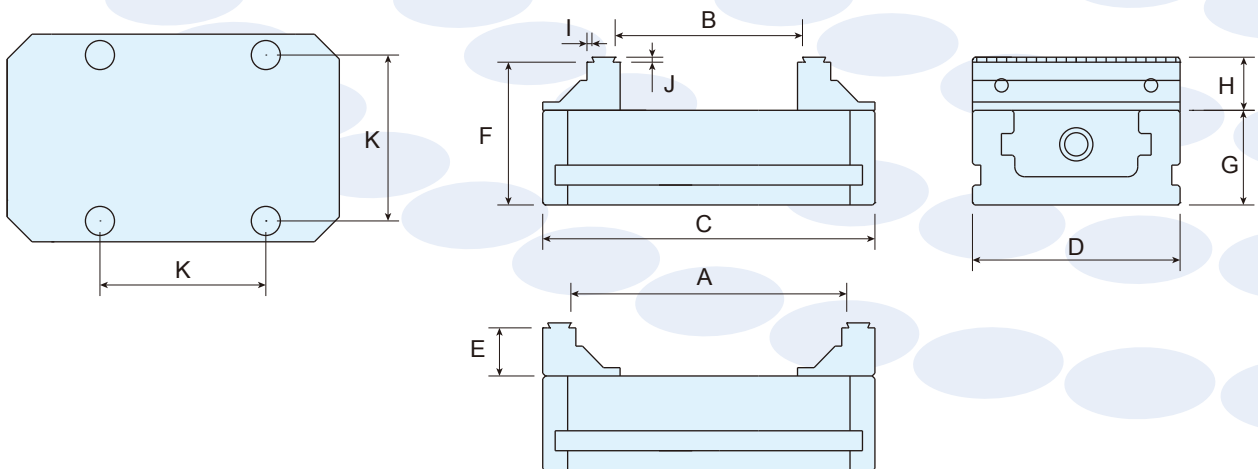
MODEL	A	B	C	D	E
TMV-75-J6-20	20	25	30	5	5
TMV-75-J6-30	30	25	30	5	5
TMV-75-J6-40	40	25	30	5	5
TMV-75-J6-50	50	25	30	5	5

同動求心虎鉗 SELF-CENTERING VISES

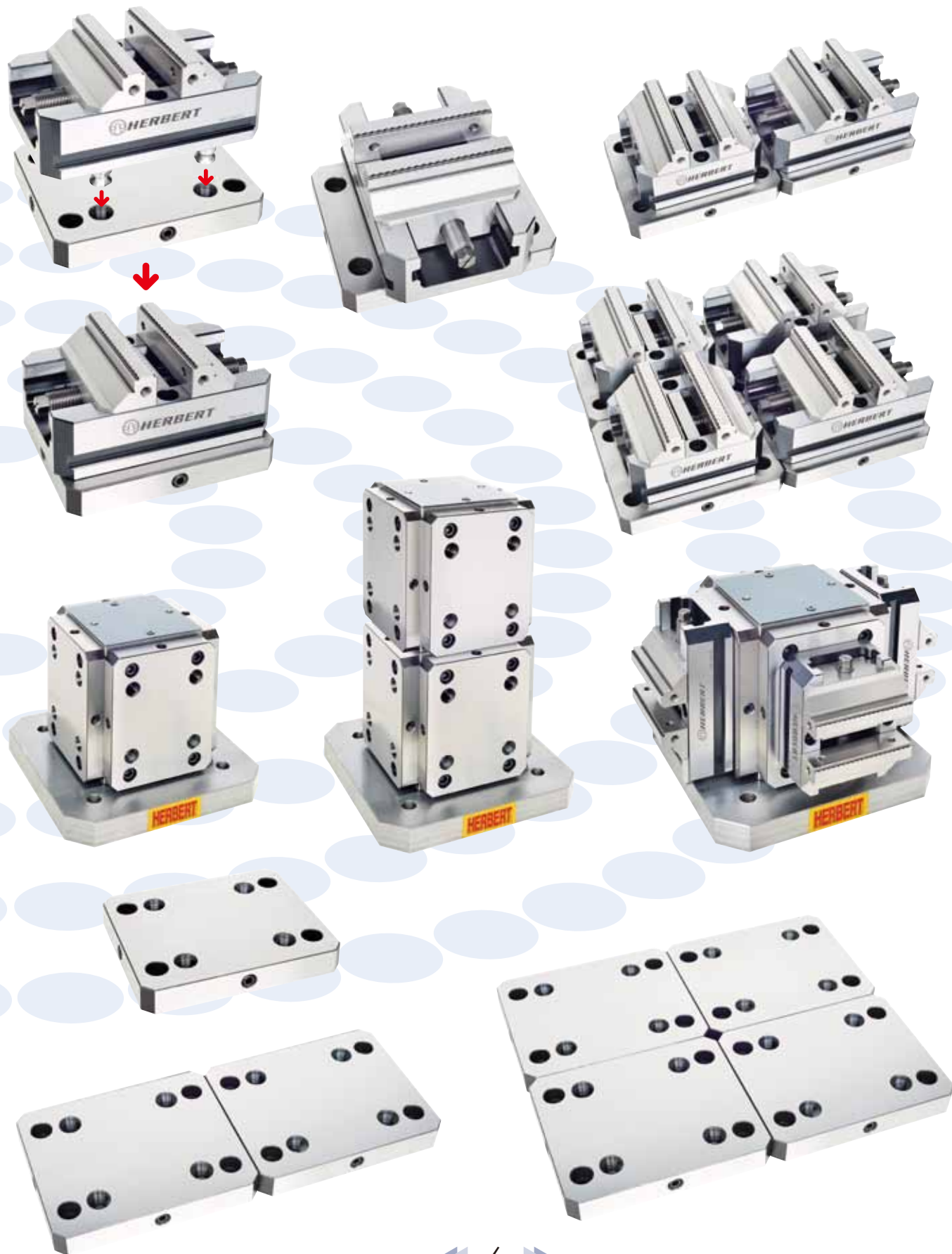
高High強度strength. **高High**精度accuracy.

專利號碼 PATENT NUMBER M598758

SELF-CENTERING VISES



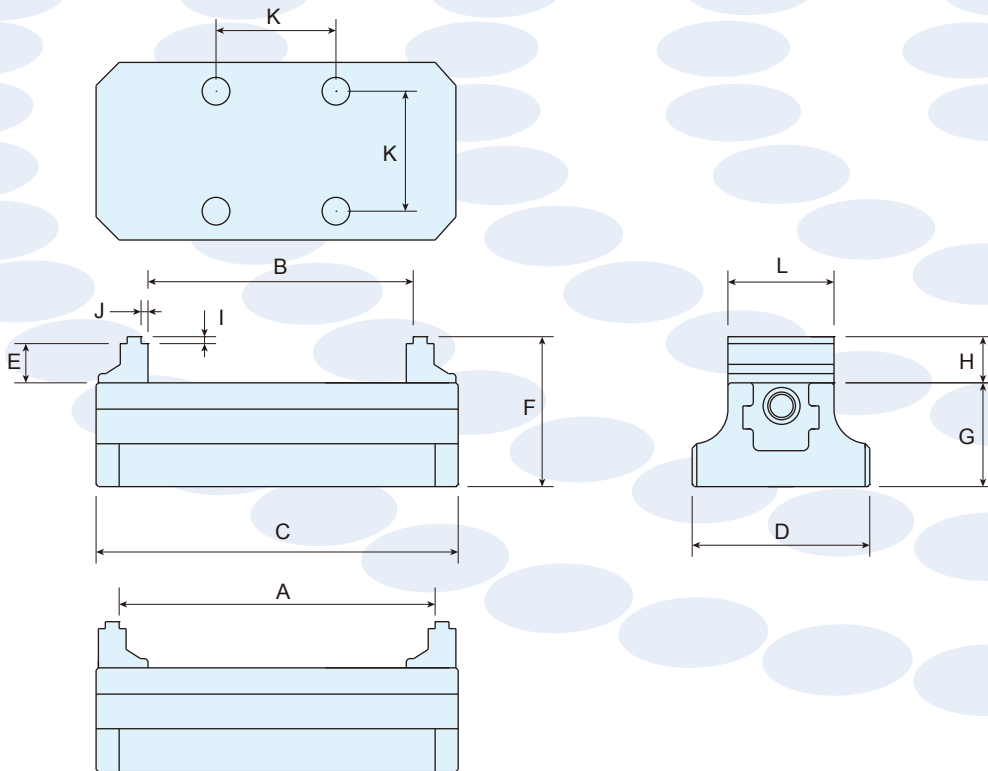
MODEL	A	B	C	D	E	F	G	H	I	J	K	N.W.
TMV-125-15A	110	60	150	125	29	89	57	32	3	3	96	9kg
TMV-125-20A	165	115	200	125	29	89	57	32	3	3	96	11kg

同動求心虎鉗組裝模式 SELF-CENTERING VISES**高High強度strength. 高High精度accuracy.**

同動求心虎鉗 SELF-CENTERING VISES

高High 強度strength. 高High 精度accuracy.

SELF-CENTERING VISES

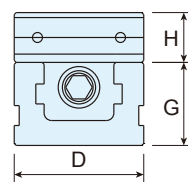
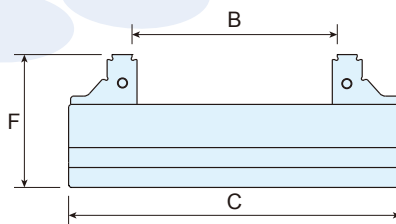
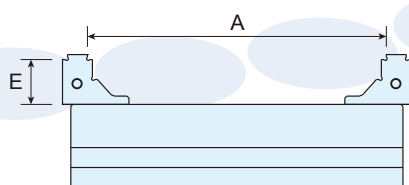
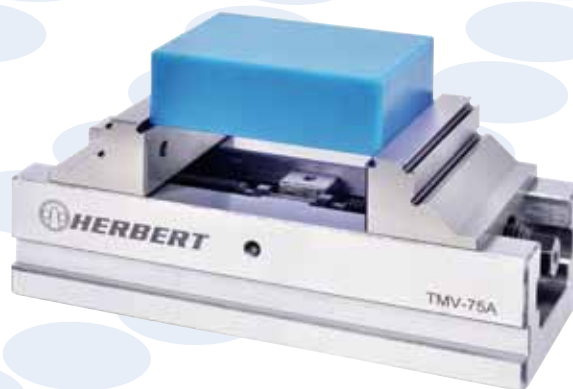
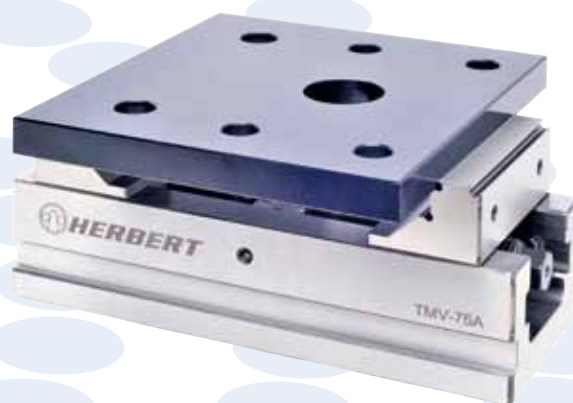


MODEL	A	B	C	D	E	F	G	H	I	J	K	L	N.W.
TMV-47-77A	58	40	77	77	17	65	45	20	3	3	52	47	2kg
TMV-47-157A	138	120	157	77	17	65	45	20	3	3	52	47	3.5kg

同動求心虎鉗 SELF-CENTERING VISES

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- ▶ 虎鉗本體材質使用合金鋼一體成型為一般螺絲鎖強度更高，滑軌經高週波熱處理HRC45°以上，可保持高耐磨性。
- ▶ 虎鉗鉗口採用全鋼材質，經熱處理硬度高達HRC55°以上，可拆換方向使用，變化性與互換性極佳。
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- ▶ Vise hard jaw material is full Steel and heat treatness at HRC 55° or more. Owing to its good design to use both sides of jaw since it is exchangeable.
- ▶ Special design for the Self Centring Precision Vise to prevent work piece from bending during clamping and machining. Thus, it has the best solution in clamping the work piece.

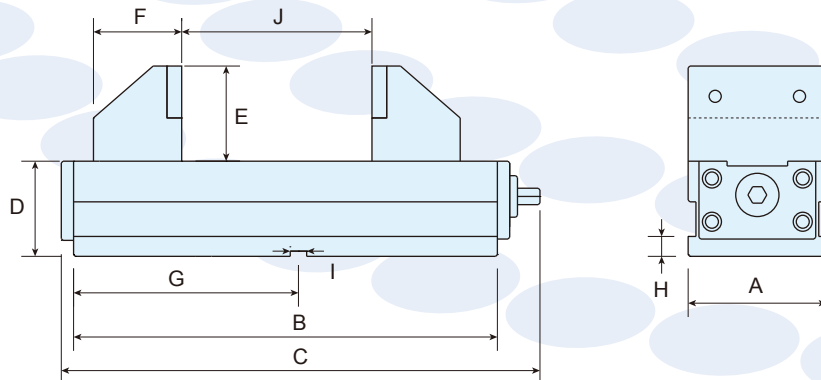
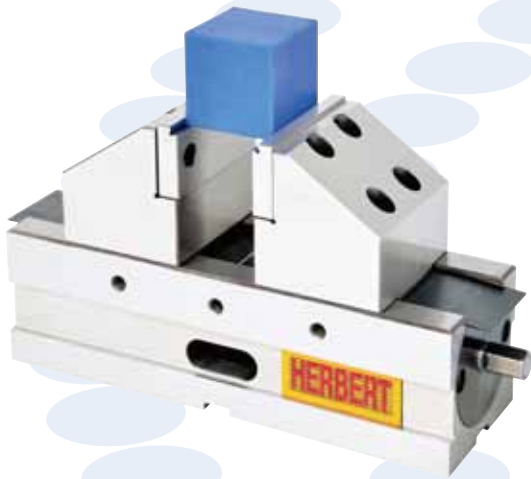


MODEL	A	B	C	D	E	F	G	H	N.W.
TMV-75A	180	123	200	78	27	80	50	30	6.6kg

同動求心虎鉗 SELF-CENTERING VISES

高High強度strength. 高High精度accuracy.

SELF-CENTERING VISES



MODEL	A	B	C	D	E	F	G	H	I	J	N.W.
VSC-100-5XC	100	310	340	95	90	85	155	23	18	30~110	37kg
VSC-130-5XC	130	410	510	100	100	90	205	23	18	30~220	45kg
VSC-160-5XC	160	490	590	110	110	102	245	23	18	30~280	68kg
VSC-200-5XC	200	565	665	120	120	113	282	23	18	30~335	110kg

HERBERT**MC內外求心式虎鉗 ISO-9001:2015****MC DOUBLE-CLAMPING PRECISION VICE****高High強度strength. 高High精度accuracy.**

專利號碼 PATENT NUMBER 256258

特性：

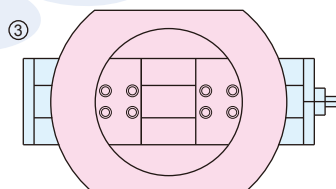
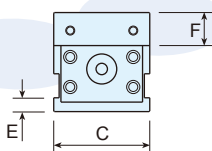
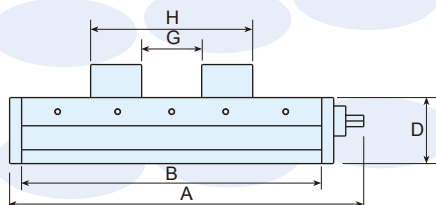
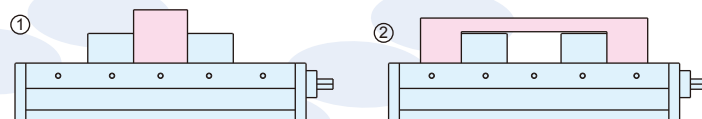
- ▶ MC角固式/雙向求中心精密機械虎鉗，適用立，臥式綜合切削加工機做精密切削加工。
- ▶ 本虎鉗設計有雙向求中心功能，亦即可向內求中心夾持，亦可向外張求中心夾持，一台虎鉗同時具備兩種功能。
- ▶ 雙向求中心(內夾、外夾)其重覆定位精度皆保持在 $\pm 0.010\text{mm}$ 以內。

Features:

- ▶ Holding work-piece firmly in single and multiple setup.
- ▶ Double self-centering function.
- ▶ Each self-centering clearance within $\pm 0.010\text{mm}$



三種夾持方便供選用
Three clamping way for choice



MODEL	A	B	C	D	E	F	G	H	N.W.
VSC-100	340	310	100	95	23	45	60-140	205-275	30kg
VSC-130	510	410	130	100	23	50	60-250	210-405	40kg
VSC-160	590	490	160	110	23	55	60-315	235-485	60kg
VSC-200	665	565	200	120	23	60	60-370	255-560	100kg

DOUBLE-LOCK MECHANICAL VISE

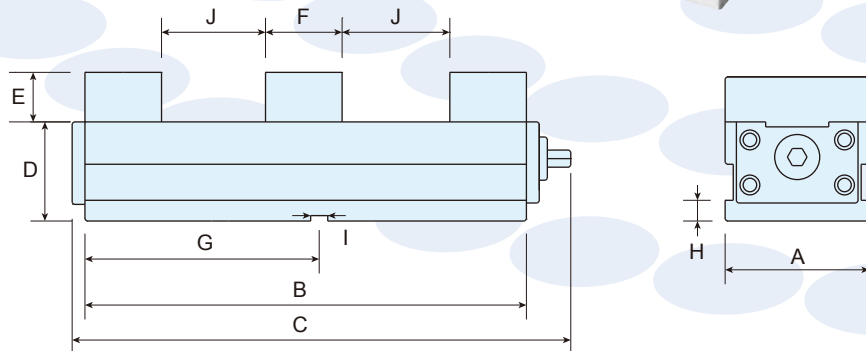
高High 強度strength. **高High** 精度accuracy.

特性：

- ▶ 特殊裝置設計，在同一時間夾持大小不同的兩個工件。
- ▶ 中心固定塊可拆卸用以夾持較大工件。
- ▶ 虎鉗本台及鉗口有固定高度，可以水平或垂直使用。
- ▶ 適用於數控加工中心，可同時多台組合使用。
- ▶ 可另外選購軟爪。
- ▶ 特殊角固設計，夾持工件時產生下壓力能有效防止工作上浮，鎖固力極佳。

Features:

- ▶ Special device its can clamp two different size of workpiece at the same time.
- ▶ Take apart fixed block from the vise center so as to clamp larger workpiece.
- ▶ There are fixed-height of vise body and jaws so that can be used in both the vertical and horizontal position.
- ▶ Apply to small CNC machine center. Sveral vises can be combined and used together. Soft jaws is optional.
- ▶ Special angle lock design can prevent workpiece be floated during clamping and machining.
- ▶ Thus, it has the best solution in clamping the workpiece.



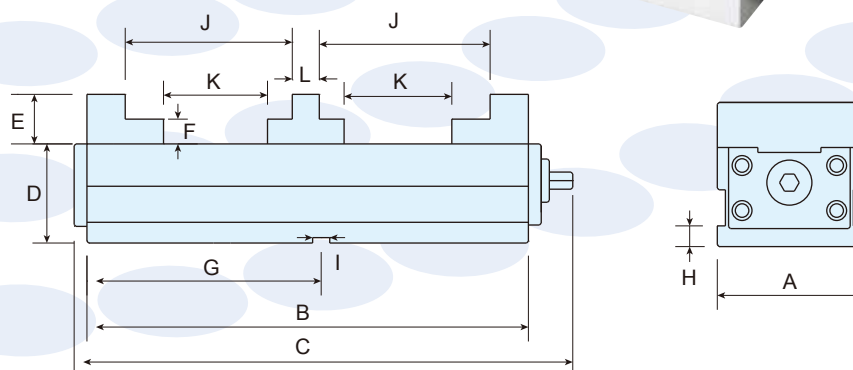
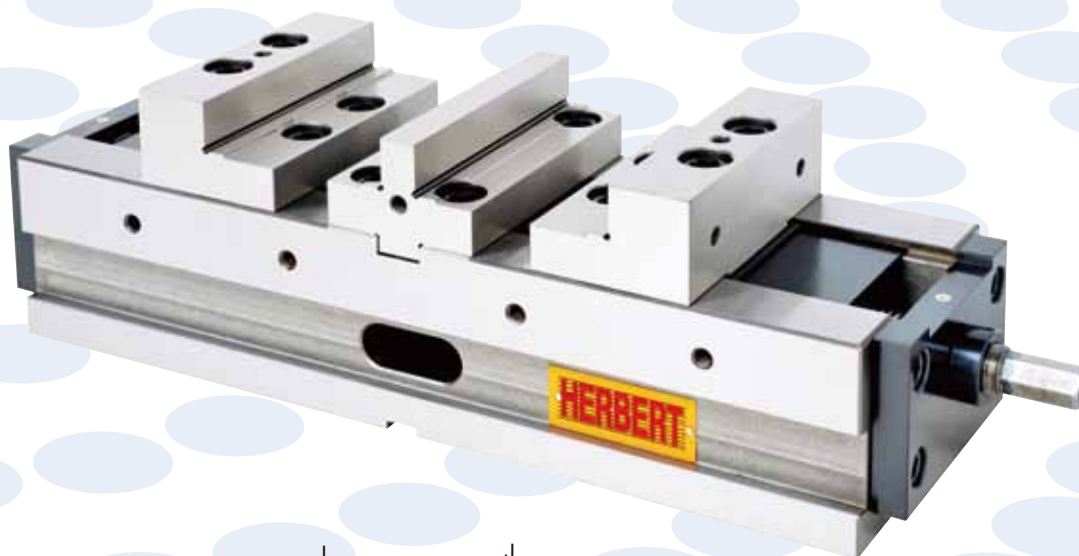
MODEL	A	B	C	D	E	F	G	H	I	J	N.W.
VSC-100A	100	310	340	95	45	70	155	23	18	35	35kg
VSC-130A	130	410	510	100	50	75	205	23	18	90	43kg
VSC-160A	160	490	590	110	55	85	245	23	18	115	65kg
VSC-200A	200	565	665	120	60	95	282	23	18	135	105kg

HERBERT**雙夾機械式虎鉗 ISO-9001:2015****DOUBLE-LOCK MECHANICAL VISE****高High強度strength. 高High精度accuracy.****特性：**

- ▶ 特殊裝置設計，在同一時間夾持大小不同的兩個工件。
- ▶ 中心固定塊可拆卸用以夾持較大工件。
- ▶ 虎鉗本台及鉗口有固定高度，可以水平或垂直使用。
- ▶ 適用於數控加工中心，可同時多台組合使用。
- ▶ 可另外選購軟爪。
- ▶ 特殊角固設計，夾持工件時產生下壓力能有效防止工作上浮，鎖固力極佳。

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MODEL	A	B	C	D	E	F	G	H	I	J	K	L	N.W.
VSC-100AA	100	310	340	95	45	22	155	23	18	90	35	20	35kg
VSC-130AA	130	410	510	100	50	25	205	23	18	150	90	20	43kg
VSC-160AA	160	490	590	110	55	27	245	23	18	180	115	20	65kg
VSC-200AA	200	565	665	120	60	30	282	23	18	210	135	20	105kg

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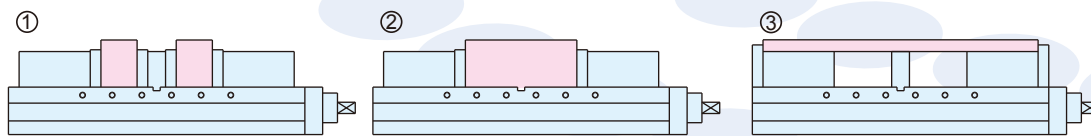
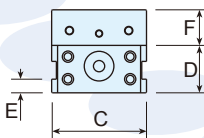
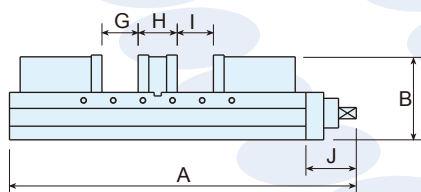
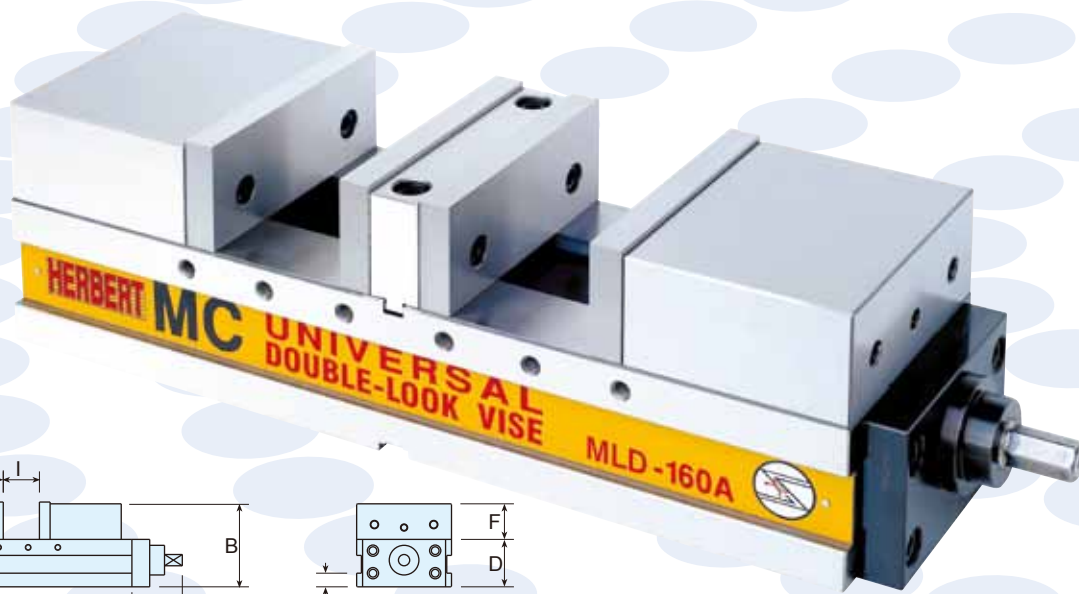


● 內藏防止上浮機構

夾持時往下方的力亦作動，因此工件及可動體的上浮極小。又本體及固定顎為一體構造，因此可防止鉗體的傾倒。

Features:

- ▶ Special device its can clamp two different size of workpiece at the same time.
- ▶ Take apart fixed block from the vise center so as to clamp larger workpiece.
- ▶ There are fixed-height of vise body and jaws so that can be used in both the vertical and horizontal position.
- ▶ Apply to small CNC machine center. Serveral vises can be combined and used together. Soft jaws is optional.
- ▶ Special angle lock design can prevent workpiece be floated during clamping and machining.
- ▶ Thus, it has the best solution in clamping the workpiece.



三種夾持方便供選用
Three clamping way for choice

● 工件物大小差距在4mm以內可以調整夾持。



MODEL	A	B	C	D	E	F	G	H	I	J	N.W.
MLD-100A	470	110	100	65	23	45	55	60	55	70	25kg
MLD-160A	580	150	160	90	23	60	80	66	80	80	50kg

HERBERT**雙夾機械式虎鉗****ISO-9001:2015****DOUBLE-LOCK MECHANICAL VISE****高High 強度strength. 高High 精度accuracy.****特性：**

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- ▶ 適用於數控加工中心，可同時多台組合使用。
- ▶ 可另外選購軟爪。
- ▶ 特殊角固設計，夾持工件時產生下壓力能有效防止工作上浮，鎖固力極佳。



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- ▶ There are fixed-height of vise body and jaws so that can be used in both the vertical and horizontal position.
- ▶ Apply to small CNC machine center. Several vises can be combined and used together. Soft jaws is optional.
- ▶ Special angle lock design can prevent workpiece be floated during clamping and machining.
- ▶ Thus, it has the best solution in clamping the workpiece.



MODEL	A	B	C	D	E	F	G	H	I	N.W.
MLD-100	400	110	100	65	23	45	55	60	55	25kg
MLD-160	500	150	160	90	23	60	80	66	80	50kg



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