CONTENTS

ISO-9001:2008

HERBERT

CONTENTS

ISO-9001:2008

HERBERT

ISO-9001:2008

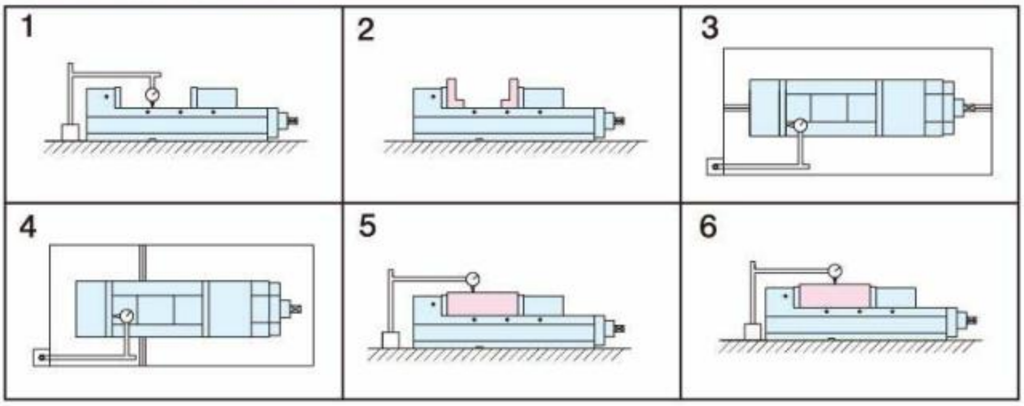
PRECISION INSPECTION

TYPE SPECIFICATION

HMG
VSP
VCP
VIP
MPV
MHV
MB
VSC
MVS
HNSP

According to JIS 0 grade inspection specification but more strictly. All 100% inspected.

INSPECTION METHOD



PRECISION SPECIFICATIONS.

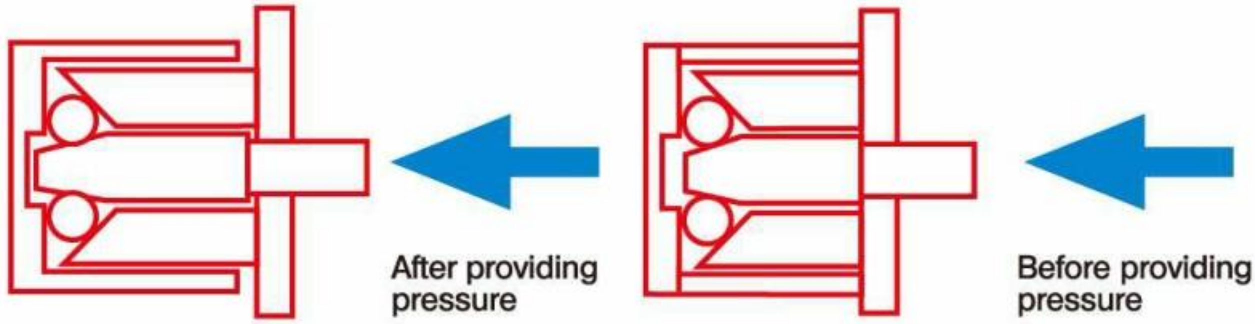
No.	Item (100mm)	JIS grade 0	Standard
1	Sliding surface of vice jaw parallel to bottom of vice body.	0.015	0.010
2	Vice jaw square to sliding surface of vice jaw.	0.030	0.015
3	Sliding surface of vice jaw square to T slot of vice bottom.	0.015	0.015
4	Sliding surface of vice jaw parallel to T slot of vice bottom.	0.015	0.015
5	After test block clamped tightly, top of test block parallel to bottom of vice.	0.020	0.015
6	After test block clamped tightly, lift degree of test block.	0.030	0.015

HERBERT

ISO-9001:2008

PARTICULAR POWERFUL PRESSURE-INCREASING PRINCIPLE

4000kgf

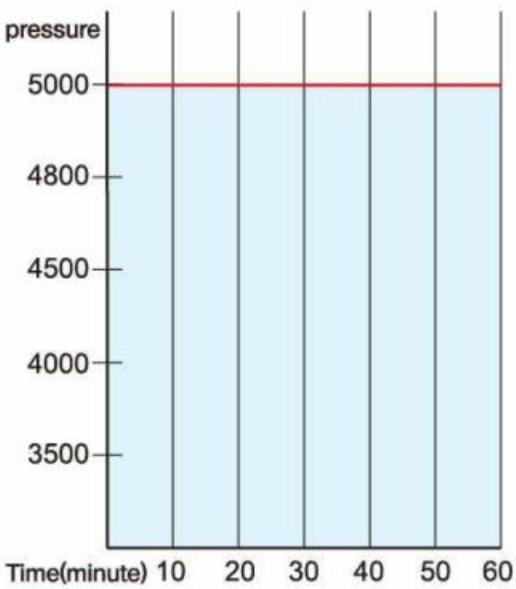


PATENT NUMBER 112490
184869
GERMANY 201125447
CHINE ZL01231630X

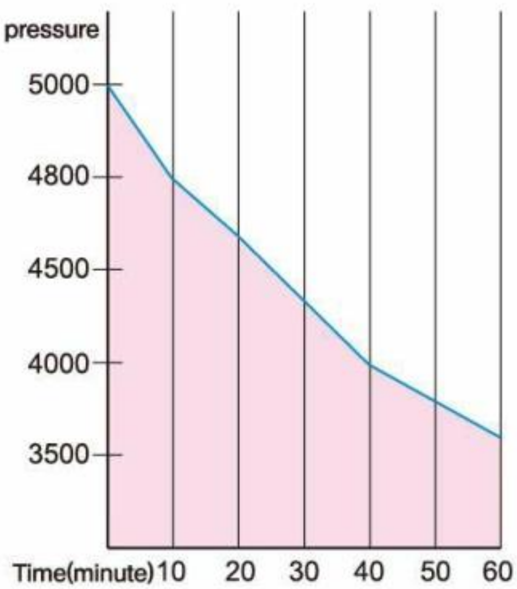
Make a comparison between powerful and other hydraulic after one hour of operation.

Features:

1. Pressure-increasing principle is based on enlarged principle of the machine to clamp the workpiece. (Clamping force is more than those of other hydraulic vices.)
2. Clamping force can be adjusted according to your need (See above chart.)
3. Because other oil pressure vices have the defects of oil leaking and oil-seal wear, our vices can avoid the above-mentioned defects and keep stable clamping force. (as right chart).
4. Unstable temperature will affect the processing accuracy if you use a traditional hydraulic vice.
5. If you want to get high pressure, you can rotate two circles on our powerful vice instead of rotating five circles on the handle of other hydraulic vices, so you can save processing time.



Powerful pressure structure



Other hydraulic structure

'LOCK-TIGHT' MACHINE VISES

HERBERT

Powerful Prevent lifting

MC UNIVERSAL POWER TILTING VICE

CORNER Most kindly design to considered every tiny point.

The jaw more deeper than those of same grade vice.. Can clamping higher work piece correctly.

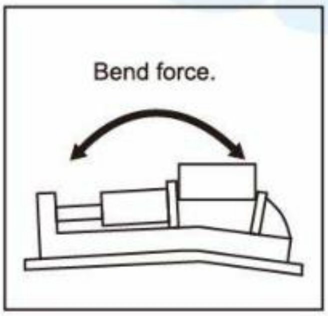
New development patented, oil-free powerful mechanical boost system. which gives greater clamping and never collapsing pressrue.

Double opening than those of same grade vice. Can easy clamp longer work piece.

Chip cover adopted, preventing chips falling into causing bad motion.

FEATURES:

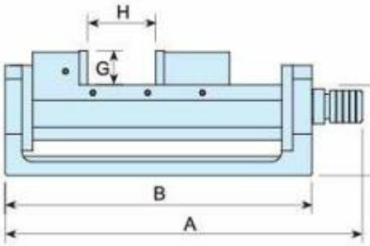
- The vice different form convetional vice, than can be adjusted angle of workpiece directly, perpendicular direction adjustable angle from 0X to 50X, which can read process angls accurately.

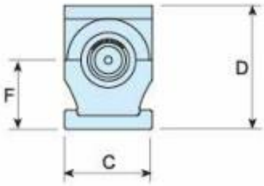


High strength. High accuracy.

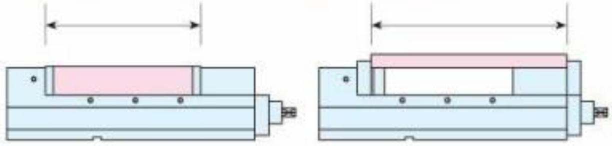
Perpendicular rib structure
strain of vice. It could hardl

ISO-9001:2008





Tow clamping way for choice



MODEL	A	B	C	D	E	F	G	H	adjustable angle	N.W.	G.W.	POWER
MBT-160	645	550	160	225	165	126	63	200	0˚-50˚	75kg	80kg	5500kgf

PATENT NUMBER
184869 201150 249761
256258
GERMANY 201125447
CHINA ZL01231630X

This unit had prevent lifting structure, when clamping in down direction power also acting, so the workpiece and movable parts lift very small, furthermore, the body and solid jaw is a combination structure, it does not tilt.

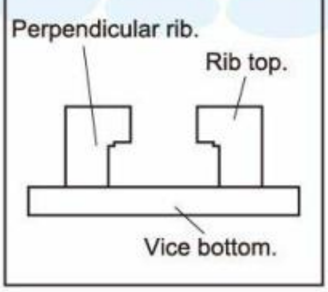
The whole Swivel Base are made by Stainless Steel, with harden treatment, durable and high accurate.

Standard Accessories

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

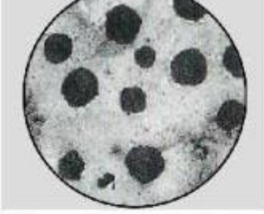
Optional Accessories

1. Special application jaw plates
2. Vise positioner
3. Swivel Base
4. Opening jaw plates
5. Sleeve spanner



hich has great resistance to bending
due to clamping to bring bend.

Ductile cast iron spring.



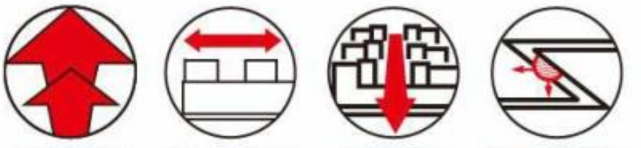
Microphotograph for ductile cast iron

Ductile cast iron is fit to produce rigid precision items, which have three times strengthen than same grade vise due to used ductile cast iron.

The common contact face and slide face of movable parts both with good wear resistance of treat heatment (over HRC45˚)

'LOCK-TIGHT' MACHINE VISES

HERBERT



Powerful Big opening Paralleling Prevent lifting

MC UNIVERSAL POWERFUL-TYPE PRECISION VICE

CORNER Most kindly design to considered every tiny point.

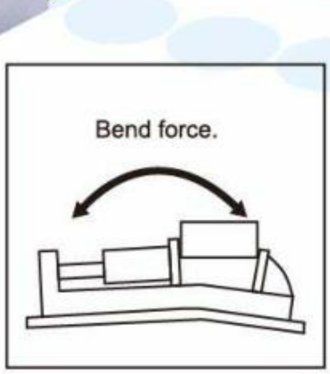
New development patented, oil-free powerful mechanical boost system. which gives greater clamping and never collapsing pressrue.

Chip cover adopted, preventing chips falling into causing bad motion.

Max. opening capacity 300 mm.

Double opening than those of same grade vice.
Can easy clamp longer work piece.

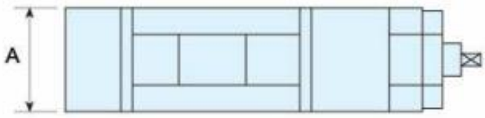
The jaw more deeper than those of same grade vice.. Can clamping higher work piece correctly.

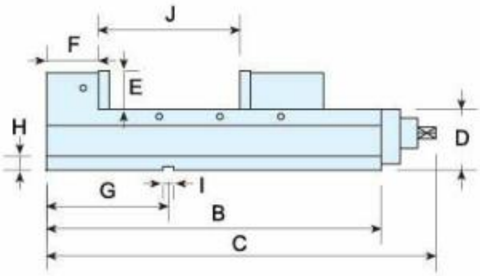


High strength. High accuracy.

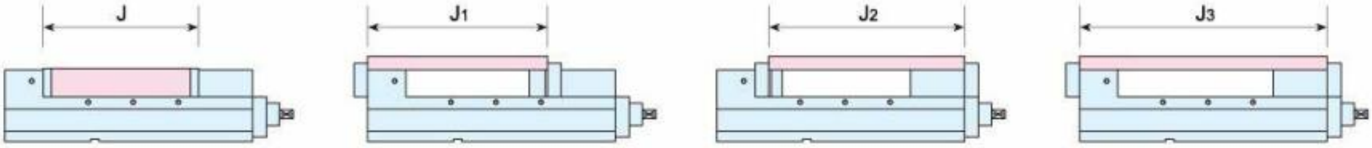
Perpendicular rib structure
strain of vice. It could hardl

ISO-9001:2008





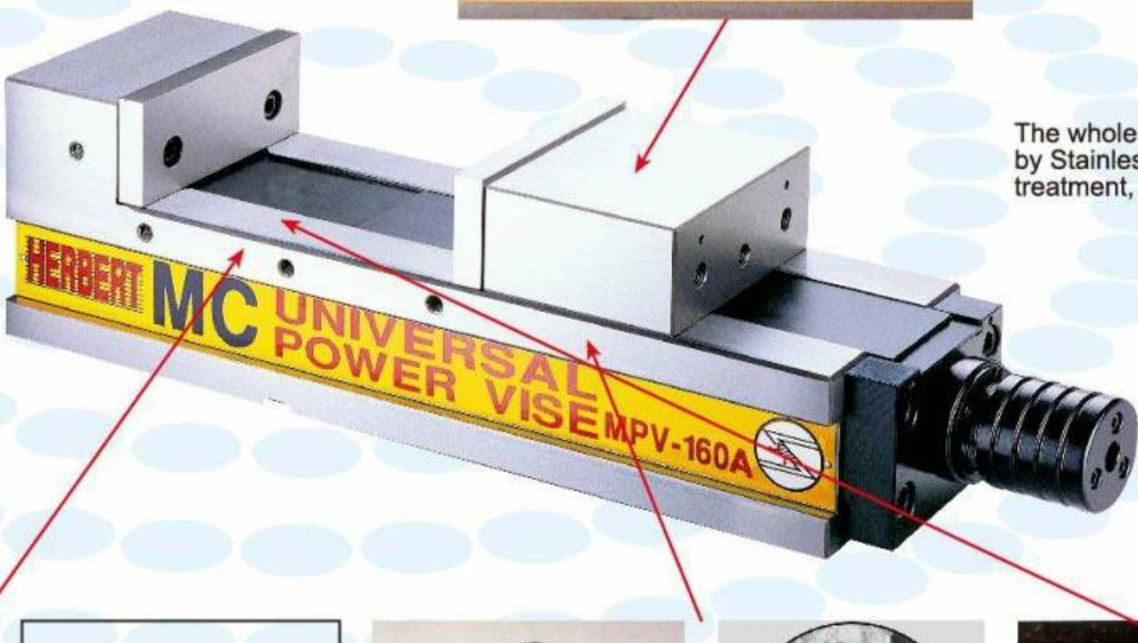
Four clamping way for choice



MODEL	A	B	C	D	E	F	G	H	I	J	J_1	J_2	J_3	N.W.	G.W.	POWER
MPV-100A	100	400	530	85	45	80	110	23	18	**200**	230	260	340	32kg	35kg	4000kgf
MPV-130A	130	450	580	95	50	85	135	23	18	**240**	285	320	405	45kg	48kg	4500kgf
MPV-160A	160	550	680	100	60	103	200	23	18	**300**	380	400	500	63kg	66kg	5000kgf
MPV-200A	200	600	730	110	60	108	220	23	18	**340**	438	470	578	92kg	104kg	5500kgf

PATENT NUMBER
184869 201150
249761 256258
GERMANY 201125447
CHINA ZL01231630X

This unit had prevent lifting structure, when clamping in down direction power also acting, so the workpiece and movable parts lift very small, furthermore, the body and solid jaw is a combination structure, it does not tilt.



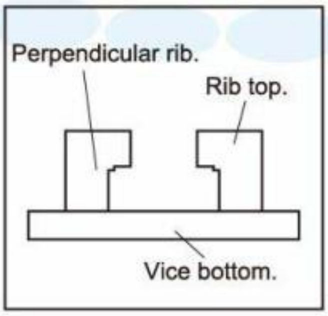
The whole Swivel Base are made by Stainless Steel, with harden treatment, durable and high accurate.

Standard Accessories

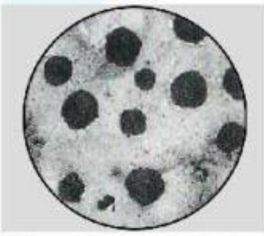
1. Handle-1 set
2. Guide key-2pcs
3. Screw-M6x10Lx2pcs
4. Chip cover
5. Vise locked block-4pcs

Optional Accessories

1. Special application jaw plates
2. Vise positioner
3. Swivel Base
4. Opening jaw plates
5. Sleeve spanner



Ductile cast iron spring.



Microphotograph for ductile cast iron

hich has great resistance to bending
due to clamping to bring bend.

Ductile cast iron is fit to produce rigid precision items, which have three times strengthen than same grade vise due to used ductile cast iron.

The common contact face and slide face of movable parts both with good wear resistance of treat heatment (over HRC45°)

'LOCK-TIGHT' MACHINE VISES

MC MECHANICAL-TYPE PRECISION VICE

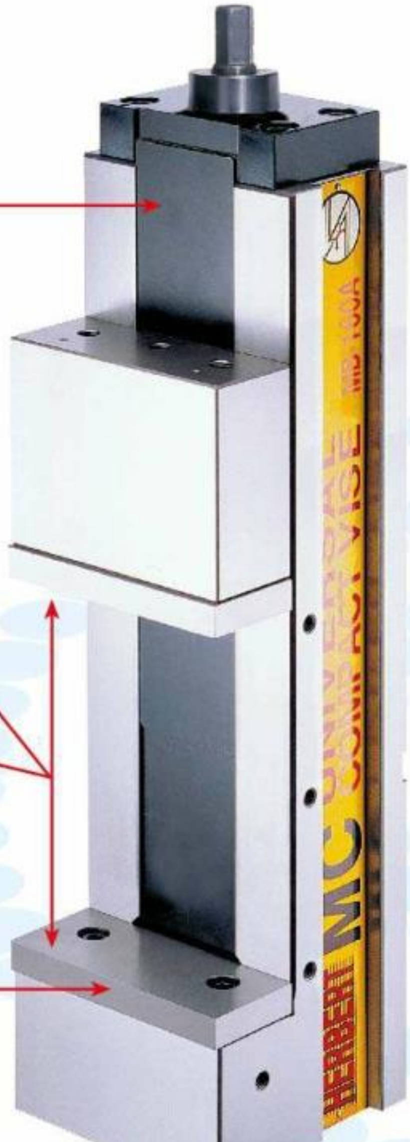
CORNER Most kindly design to considered every tiny point.

Chip cover adopted, preventing chips falling into causing bad motion.

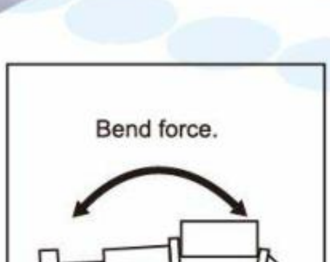
Max. opening capacity 300 mm.

Double opening than those of same grade vice. Can easy clamp longer work piece.

The jaw more deeper than those of same grade vice.. Can clamping higher workpiece correctly.

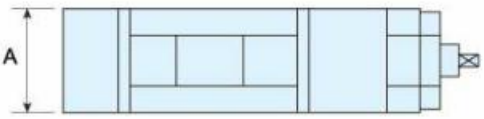


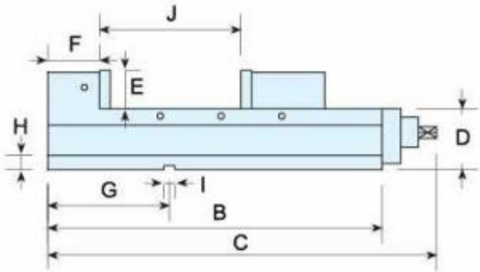
High strength. High accuracy.



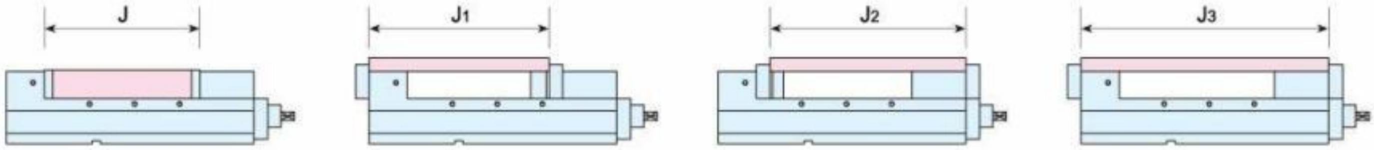
Perpendicular rib structure
strain of vice. It could hardl

ISO-9001:2008



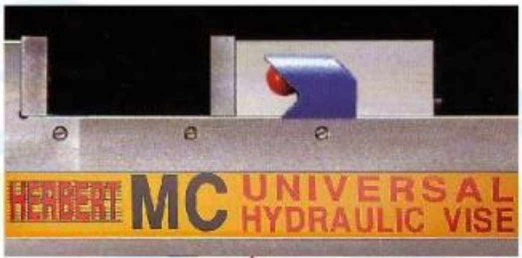


Four clamping way for choice



MODEL	A	B	C	D	E	F	G	H	I	J	J1	J2	J3	N.W.	G.W.	POWER
MB-100A	100	400	490	85	45	80	110	23	18	**200**	230	260	340	27kg	30kg	-
MB-130A	130	450	540	95	50	85	135	23	18	**240**	285	320	405	40kg	43kg	-
MB-160A	160	550	640	100	60	103	200	23	18	**300**	380	400	500	58kg	61kg	-
MB-200A	200	600	690	110	65	108	220	23	18	**340**	438	470	578	87kg	99kg	-

PATENT NUMBER 256258



- This unit had prevent lifting structure, when clamping in down direction power also acting, so the workpiece and movable parts lift very small, furthermore, the body and solid jaw is a combination structure, it does not tilt.

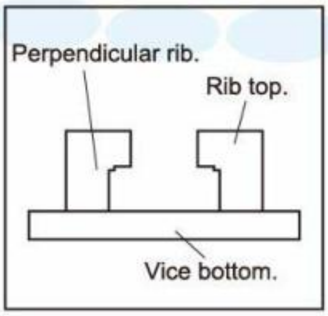
The whole Swivel Base are made by Stainless Steel, with harden treatment, durable and high accurate.

Standard Accessories

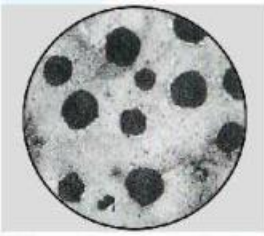
1.Handle-1 set
2.Guide key-2pcs
3.Screw-M6x10Lx2pcs
4.Chip cover
5.Vise locked block-4pcs

Optional Accessories

1.Special application jaw plates
2.Vise positioner
3.Swivel Base
4.Opening jaw plates
5.Sleeve spanner



Ductile cast iron spring.



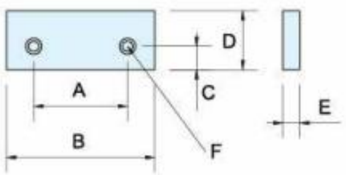
Microphotograph for ductile cast iron

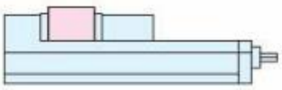
ich has great resistance to bending due to clamping to bring bend.

- Ductile cast iron is fit to produce rigid precision items, which have three times strengthen than same grade vise due to used ductile cast iron.

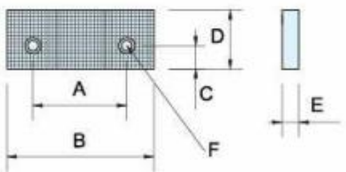
- The common contact face and slide face of movable parts both with good wear resistance of treat heatment (over HRC45˚)

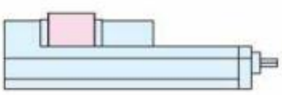
SPECIAL APPLICATION JAW PLATES



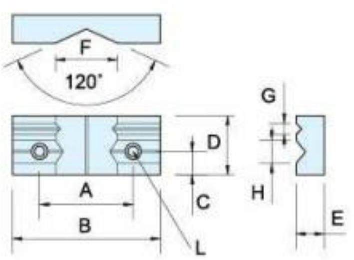


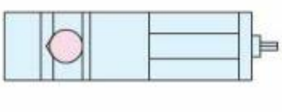
MODEL	A	B	C	D	E	F
J1-100	70	98	25	48	15	M8
J1-130	100	128	25	53	15	M8
J1-160	100	158	25	63	18	M10
J1-200	120	198	28	63	18	M12
J1-100-VSP	70	98	25	45	15	M8
J1-130-VSP	100	128	25	50	15	M8
J1-160-VSP	100	158	25	55	18	M10
J1-200-VSP	120	198	28	60	18	M12
J1-100-45	70	98	25	45	15	M8
J1-130-50	100	128	25	50	15	M8
J1-160-60	100	158	25	60	18	M10
J1-200-60	120	198	28	60	18	M12
J1-130-200	100	200	25	58	18	M8
J1-160-250	100	250	25	63	18	M10
J1-200-300	120	300	25	63	18	M12
J1-130-50A	100	128	25	53	50	M8
J1-160-55A	100	158	25	63	55	M10
J1-200-55A	120	198	28	63	55	M12





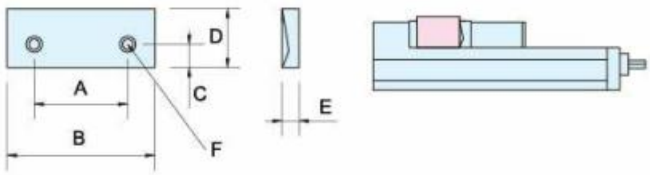
MODEL	A	B	C	D	E	F
J2-100	70	98	25	48	15	M8
J2-130	100	128	25	53	15	M8
J2-160	100	158	25	63	18	M10
J2-200	120	198	28	63	18	M12



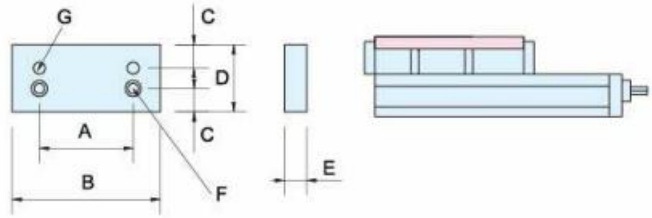


MODEL	A	B	C	D	E	F	G	H	L
J3-100	70	98	25	48	30	25		25	M8
J3-130	100	128	25	53	30	25	12	25	M8
J3-160	100	158	25	63	30	25	12	27	M10
J3-200	120	198	28	63	34	30	12	30	M12

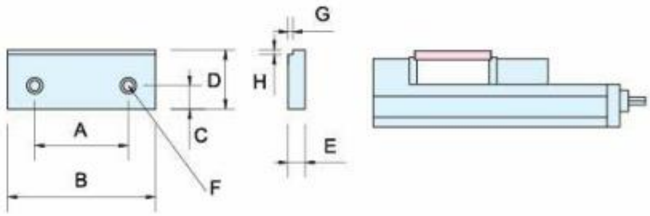
SPECIAL APPLICATION JAW PLATES

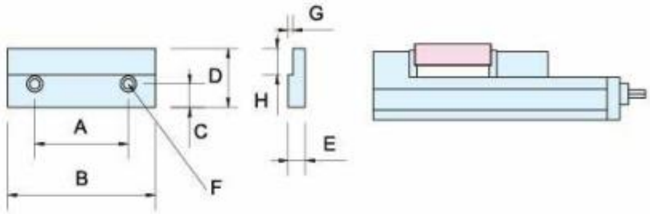


MODEL	A	B	C	D	E	F
J4-100	70	98	25	48	30	M8
J4-130	100	128	25	53	32	M8
J4-160	100	158	25	63	32	M10
J4-200	120	198	28	63	40	M12



MODEL	A	B	C	D	E	F	G
J5-100	70	98	25	58	24	M8	M12
J5-130	100	128	25	63	24	M8	M12
J5-160	100	158	25	73	24	M10	M14
J5-200	120	198	28	77	24	M12	M16
J5-130-90	100	128	25	90	24	M8	M12
J5-130-100	100	128	25	100	24	M8	M12
J5-160-100	100	158	25	100	24	M10	M14
J5-160-110	100	158	25	110	24	M10	M14
J5-160-120	100	128	25	120	24	M10	M14
J5-200-100	120	198	28	100	24	M12	M16
J5-200-110	120	198	28	110	24	M12	M16
J5-200-120	120	198	28	120	24	M12	M16

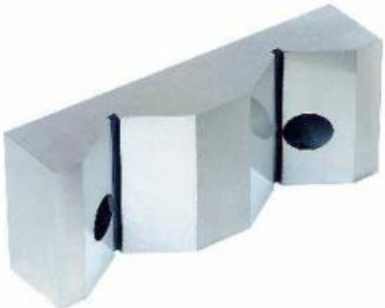


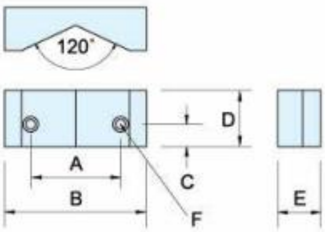


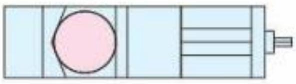
MODEL	A	B	C	D	E	F	G	H
J6-100	70	98	25	48	15	M8	5	5
J6-130	100	128	25	53	15	M8	5	5
J6-160	100	158	25	63	18	M10	5	5
J6-200	120	198	28	63	18	M12	5	5
J6-100-VSP	70	98	25	48	15	M8	5	5
J6-130-VSP	100	128	25	53	15	M8	5	5
J6-160-VSP	100	158	25	58	18	M10	5	5
J6-200-VSP	120	198	28	63	18	M12	5	5
J6-160-2x2	100	128	25	60	18	M10	2	2
J6-200-2x2	120	198	28	60	18	M12	2	2
J6-160-3x3	100	158	25	60	18	M10	3	3
J6-200-3x3	120	198	28	60	18	M12	3	3
J6-130-10x5	100	128	25	58	18	M8	5	10
J6-160-10x5	100	158	25	63	18	M10	5	10
J6-200-10x5	120	198	28	63	18	M12	5	10
J6-130-15x5	100	128	25	53	18	M8	5	15
J6-160-15x5	100	158	25	63	18	M10	5	15
J6-200-15x5	120	198	28	63	18	M12	5	15
J6-130-25x5	100	128	25	53	18	M8	5	25
J6-160-25x5	100	158	25	63	18	M10	5	25
J6-200-25x5	120	198	28	63	18	M12	5	25

HERBERT

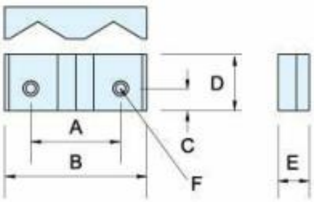
SPECIAL APPLICATION JAW PLATES

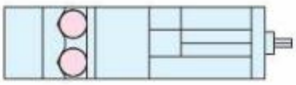



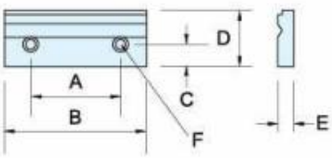


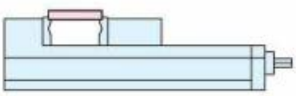
MODEL	A	B	C	D	E	F
J3-100-V	70	98	25	48	40	M8
J3-130-V	100	128	25	53	40	M8
J3-160-V	100	158	25	63	50	M10
J3-200-V	120	198	28	67	50	M12





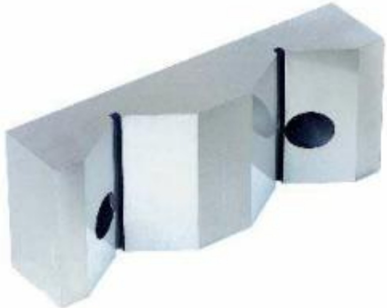
MODEL	A	B	C	D	E	F
J3-100-VV	70	98	25	48	40	M8
J3-130-VV	100	128	25	53	40	M8
J3-160-VV	100	158	25	63	50	M10
J3-200-VV	120	198	28	67	50	M12

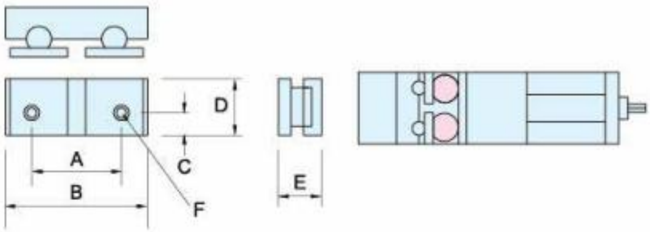




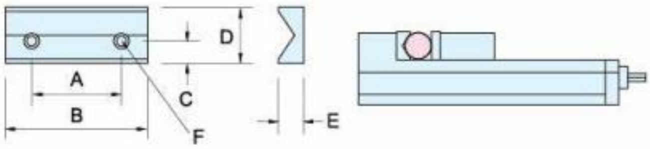
MODEL	A	B	C	D	E	F
J6-100-LV	70	98	25	48	15	M8
J6-130-LV	100	128	25	53	15	M8
J6-160-LV	100	158	25	63	18	M10
J6-200-LV	120	198	28	67	18	M12

SPECIAL APPLICATION JAW PLATES

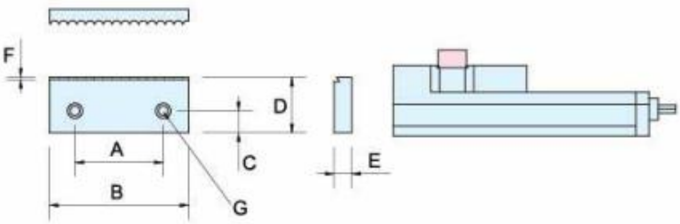




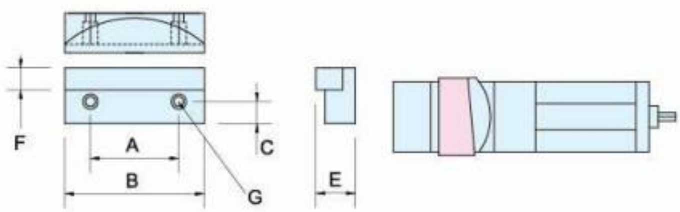
MODEL	A	B	C	D	E	F
J7-100	70	98	25	48	60	M8
J7-130	100	128	25	53	60	M8
J7-160	100	158	25	63	70	M10
J7-200	120	198	28	67	70	M12



MODEL	A	B	C	D	E	F
J8-100	70	98	25	48	40	M8
J8-130	100	128	25	53	40	M8
J8-160	100	158	25	63	50	M10
J8-200	120	198	28	67	50	M12



MODEL	A	B	C	D	E	F	G
J9-100	70	98	25	45	15	5	M8
J9-130	100	128	25	50	15	5	M8
J9-160	100	158	25	60	18	5	M10
J9-200	120	198	28	60	18	5	M12



MODEL	A	B	C	D	E	F	G
J10-100	70	110	25	48	38	12	M8
J10-130	100	140	25	53	40	16	M8
J10-160	100	170	25	63	45	22	M10
J10-200	120	210	28	63	50	25	M12