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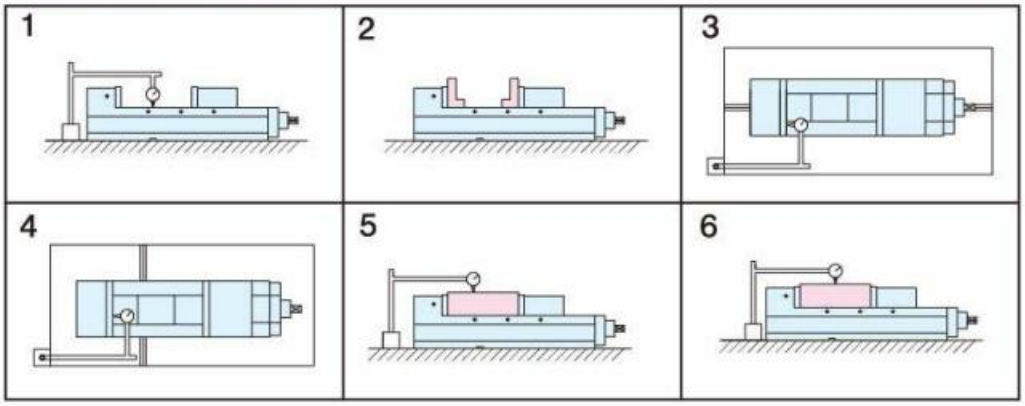
PRECISION INSPECTION

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

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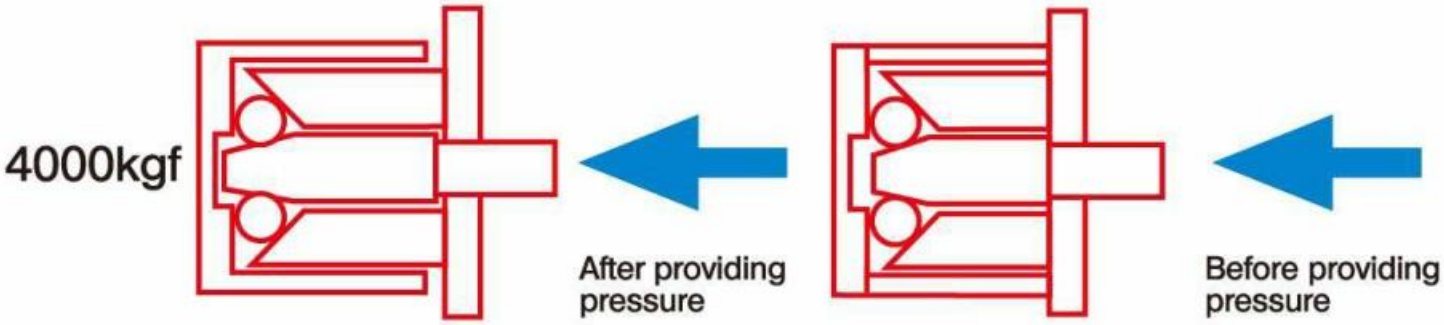
PARTICULAR POWERFUL PRESSURE-INCREASING PRINCIPLE

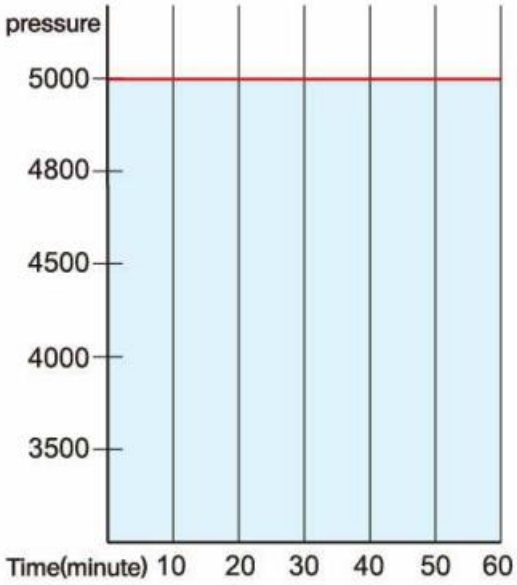


PATENT NUMBER 112490
184869
GERMANY 201125447
CHINE ZL01231630X

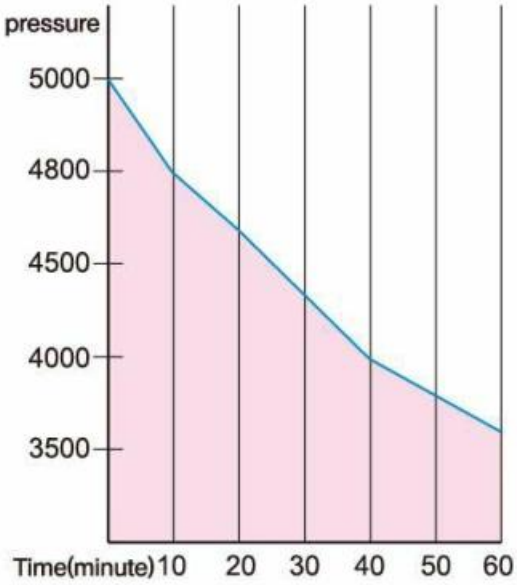
Make a comparison between powerful and other hydraulic after one hour of operation.

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

QUICK-CHANGE

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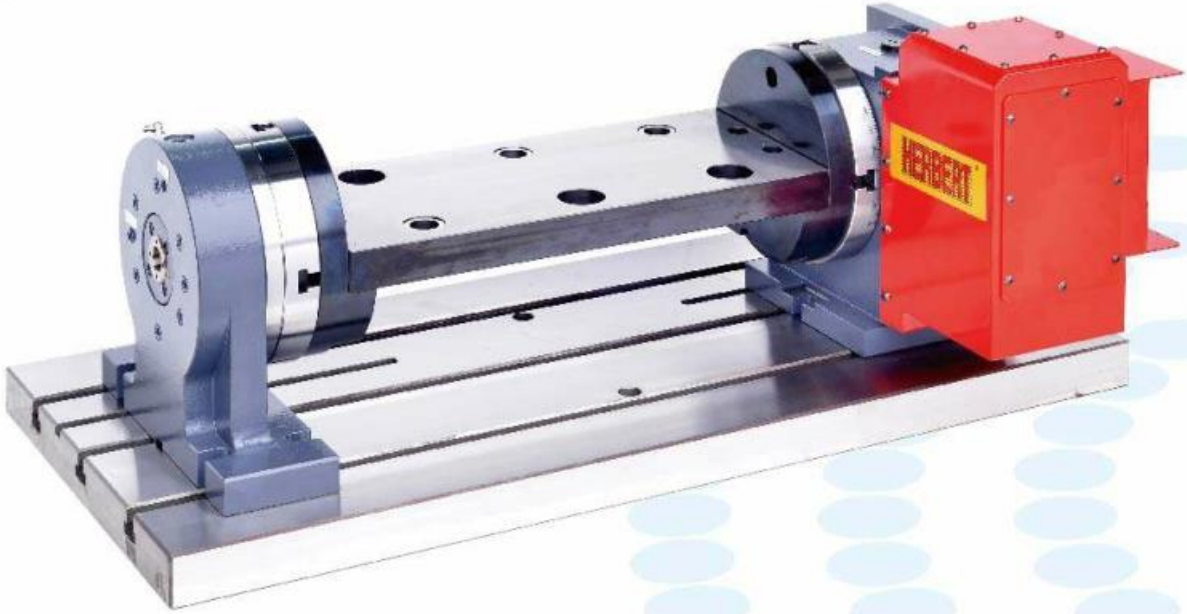
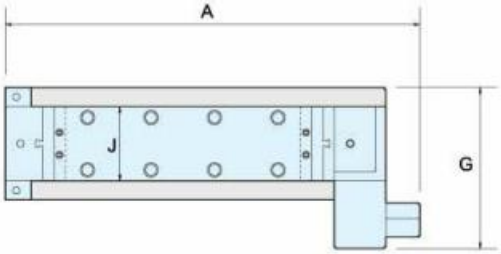
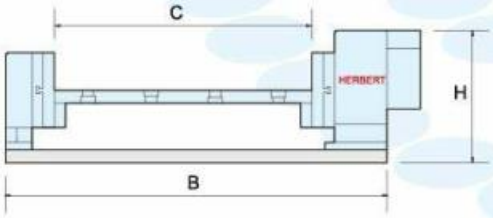
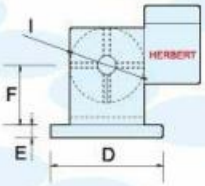
PATENT NUMBER M358693









MODEL	A	B	C	D	E	F	G	H	I	J
BLS-2520	650	570	310	300	40	160	430	355	160	200
BLS-4020	840	720	460	300	40	160	430	355	160	200
BLS-5020	900	820	560	300	45	160	430	355	160	200
BLS-6320	1030	950	690	300	50	160	430	355	160	200
BLS-2530	650	570	310	400	40	210	480	405	160	300
BLS-4030	840	720	460	400	40	210	480	405	160	300
BLS-5030	900	820	560	400	45	210	480	405	160	300
BLS-6330	1030	950	690	400	50	210	480	405	160	300

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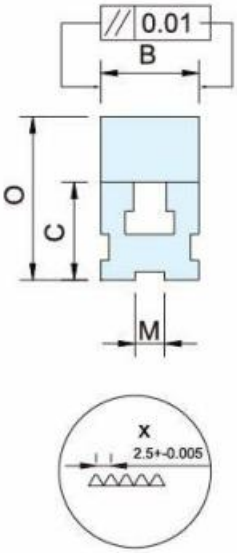
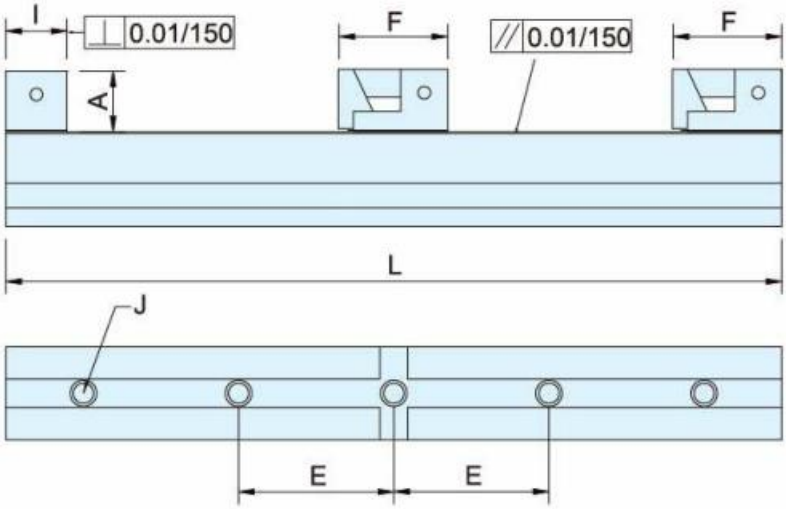
MULTIGRIP VISE

'LOCK-TIGHT' MACHINE VISES

PATENT NUMBER 311528



Material 100% tool steel
Hest treated HER 55 & ground



MODEL	A	B	C	E	F	I	J	L	M	O	G.W.
HMG-6025	40	60	60	100	70	60	M12	250	18	100	9kg
HMG-6040	40	60	60	100	70	60	M12	400	18	100	14kg
HMG-6050	40	60	60	100	70	60	M12	500	18	100	16kg
HMG-6063	40	60	60	100	70	60	M12	630	18	100	20kg

MODEL	A	B	C	E	F	I	J	L	M	O	G.W.
HMG-9025	45	90	70	100	80	70	M16	250	18	115	18kg
HMG-9040	45	90	70	100	80	70	M16	400	18	115	25kg
HMG-9050	45	90	70	100	80	70	M16	500	18	115	29kg
HMG-9063	45	90	70	100	80	70	M16	630	18	115	38kg

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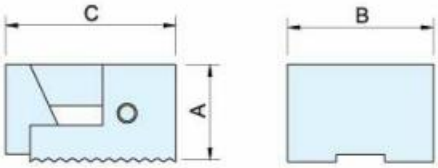
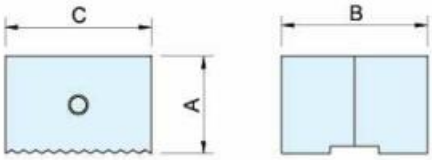
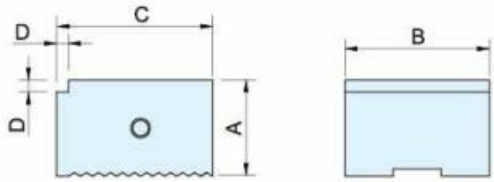


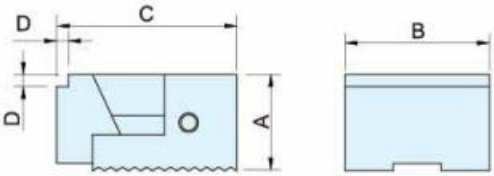
MODEL	A	B	C	G.W.
HMG-60A	40	60	70	1.4kg
HMG-90A	45	90	80	2.9kg



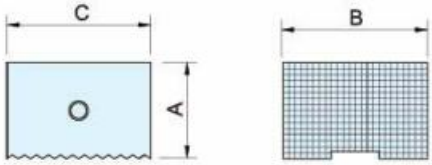
MODEL	A	B	C	G.W.
HMG-60B	40	60	60	1.4kg
HMG-90B	45	90	70	2.9kg



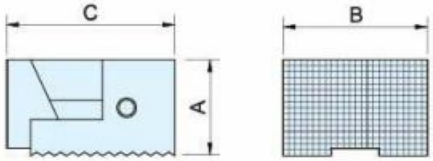
MODEL	A	B	C	D	G.W.
HMG-60C	40	60	42	5	1.5kg
HMG-90C	45	90	60	5	3.1kg



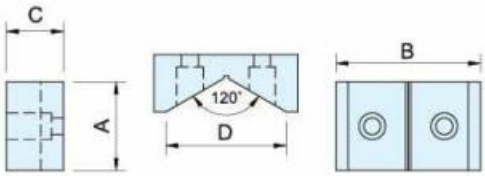
MODEL	A	B	C	D	G.W.
HMG-60D	40	60	70	5	1.5kg
HMG-90D	45	90	80	5	3.1kg



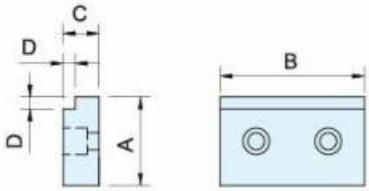
MODEL	A	B	C	G.W.
HMG-60E	40	60	50	1.4kg
HMG-90E	45	90	60	2.9kg



MODEL	A	B	C	G.W.
HMG-60F	40	60	70	1.4kg
HMG-90F	45	90	80	2.9kg



MODEL	A	B	C	D	G.W.
HMG-60J3	40	60	24	50	0.3kg
HMG-90J3	45	90	33	80	0.8kg



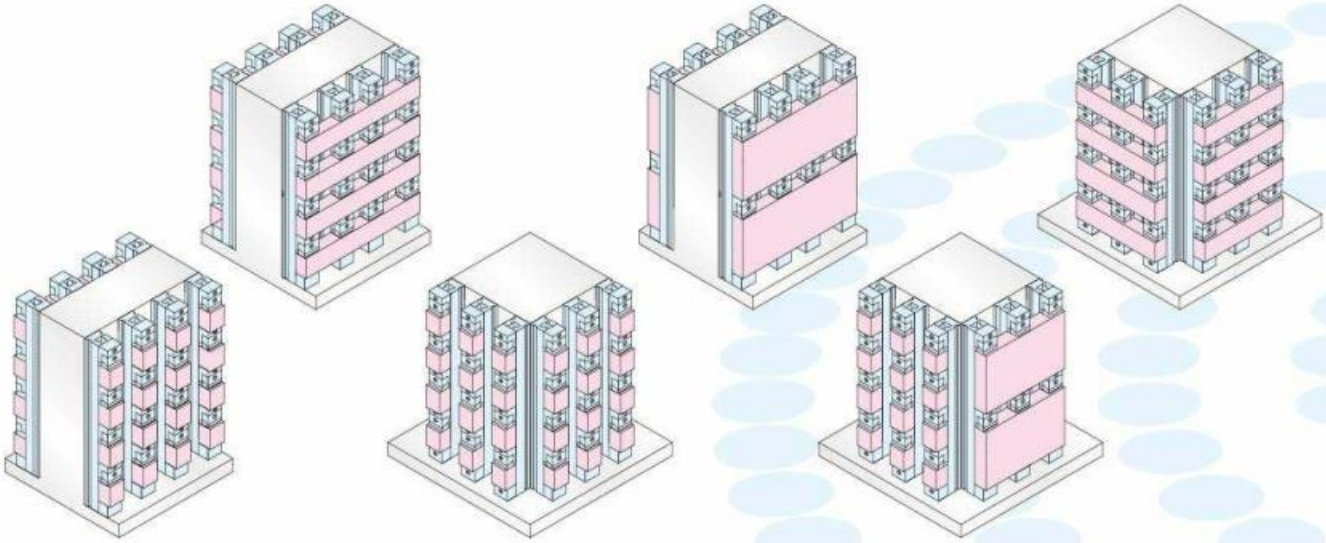
MODEL	A	B	C	D	G.W.
HMG-60J6	40	60	15	5	0.5kg
HMG-90J6	45	90	15	5	0.9kg

HERBERT MULTIGRIP VISE

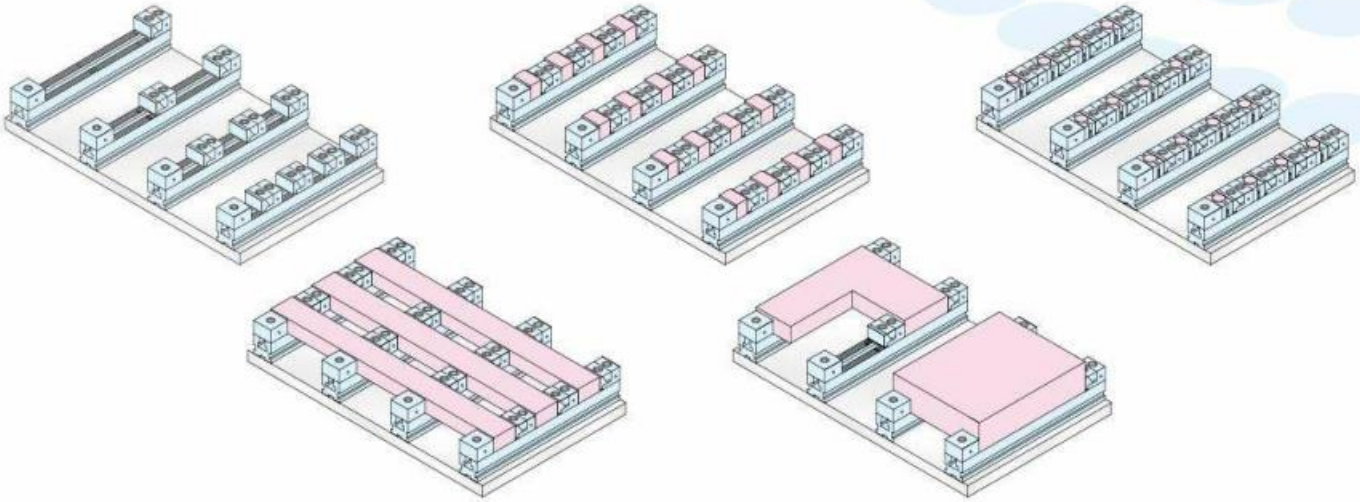
Opening Capacity

	1	1 2	1 2 3	1 2 3 4
HMG-6025	120	25		
HMG-6040	270	100	43	15
HMG-6050	370	150	76	40
HMG-6063	500	215	120	73
HMG-9025	99			
HMG-9040	249	84	29	
HMG-9050	349	134	62	26
HMG-9063	479	199	106	59

Example (For Horizontal Machine)

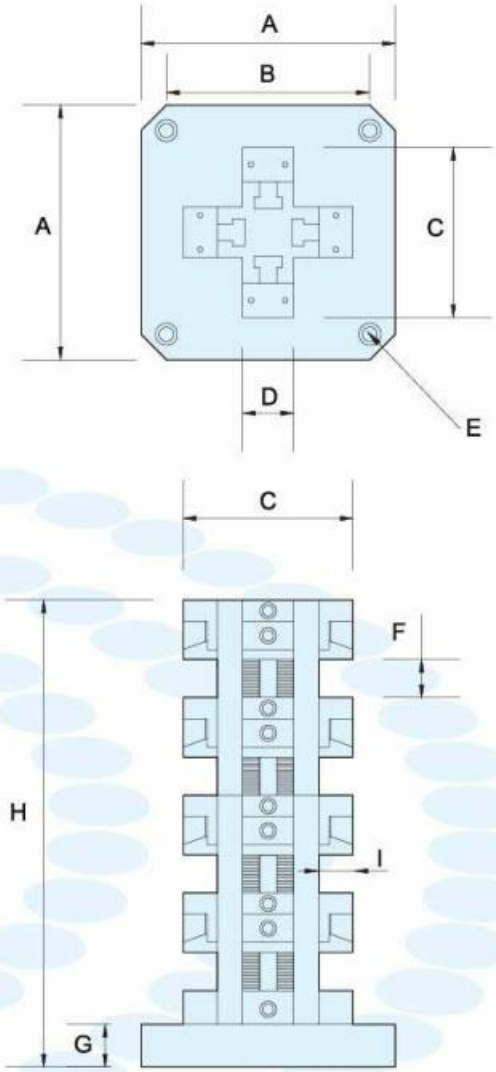


Example (For Vertical Machine)



MULTIGRIP VISE

PATENT NUMBER 311528

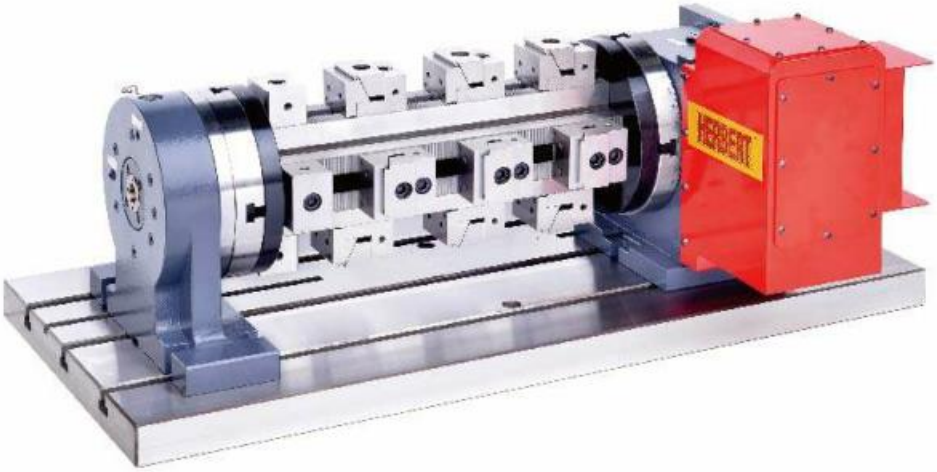


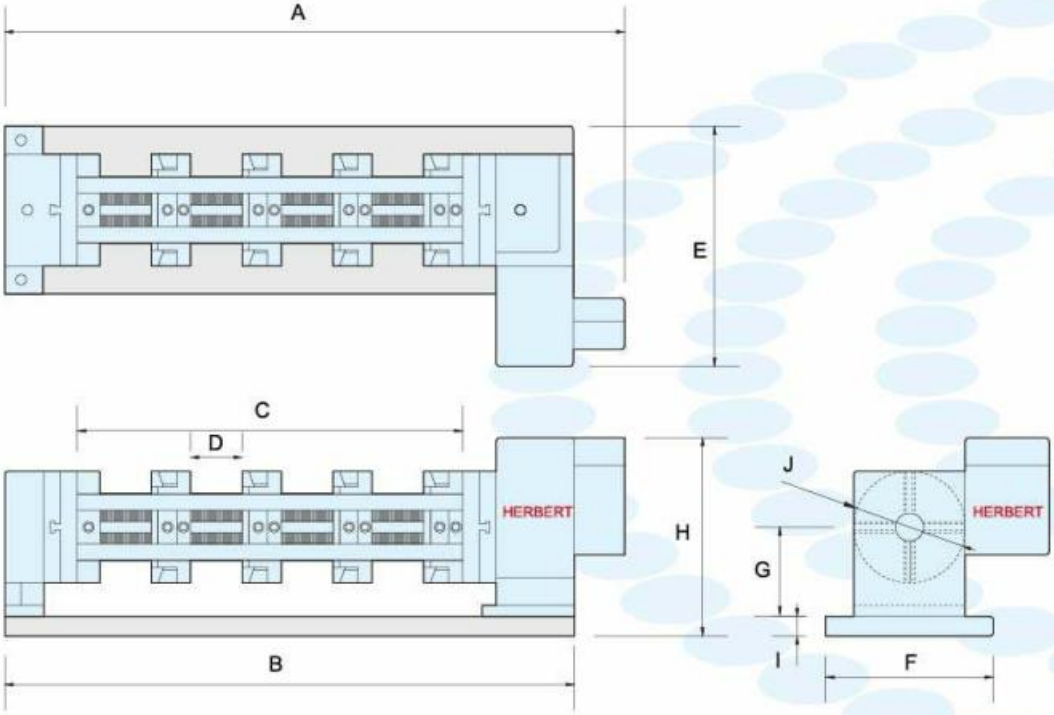
MODEL	A	B	C	D	E	F	G	H	I
HMG-6025-4V	300	240	200	60	M16	25	30	280	40
HMG-6040-4V	300	240	200	60	M16	43	30	430	40
HMG-6050-4V	300	240	200	60	M16	40	30	530	40
HMG-6063-4V	300	240	200	60	M16	73	30	660	40
HMG-9025-4V	300	240	320	90	M16	99	35	285	45
HMG-9040-4V	300	240	320	90	M16	29	35	435	45
HMG-9050-4V	300	240	320	90	M16	26	35	535	45
HMG-9063-4V	300	240	320	90	M16	59	35	665	45

MULTIGRIP VISE

'LOCK-TIGHT' MACHINE VISES

PATENT NUMBER 311528



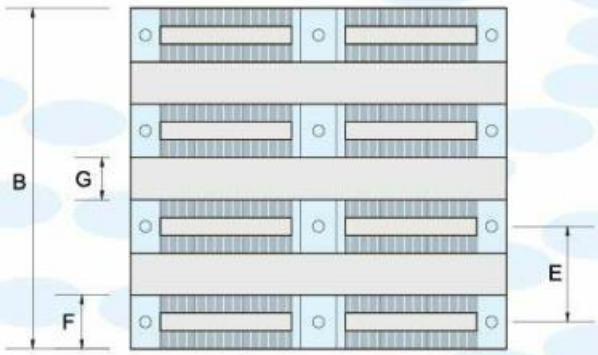


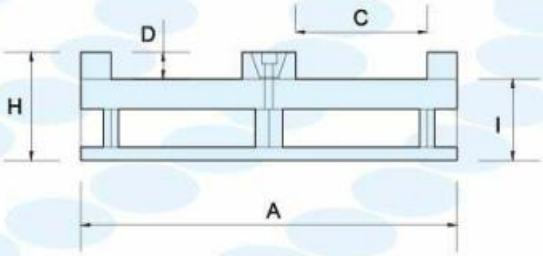
MODEL	A	B	C	D	E	F	G	H	I	J
HMG-6025-FV	650	570	250	25	430	200	160	355	25	200
HMG-6040-FV	840	720	400	43	430	200	160	355	25	200
HMG-6050-FV	900	820	500	40	430	200	160	355	25	200
HMG-6063-FV	1030	950	630	73	430	200	160	355	25	200
HMG-9025-FV	650	570	250	99	430	200	160	355	25	200
HMG-9040-FV	840	720	400	29	430	200	160	355	25	200
HMG-9050-FV	900	820	500	26	430	200	160	355	25	200
HMG-9063-FV	1030	950	630	59	430	200	160	355	25	200

HERBERT

Powerful Paralleling

MC PNEUMATIC QUICK VISE





MODEL	A	B	C	D	E	F	G	H	I
HMG-9040-2S	400	250	100	50	160	90	70	181	136
HMG-9040-3S	400	410	150	50	160	90	70	181	136
HMG-9040-4S	400	570	215	50	160	90	70	181	136
HMG-9050-2S	500	250	100	50	160	90	70	181	136
HMG-9050-3S	500	410	150	50	160	90	70	181	136
HMG-9050-4S	500	570	215	50	160	90	70	181	136
HMG-9063-2S	630	250	100	50	160	90	70	181	136
HMG-9063-3S	630	410	150	50	160	90	70	181	136
HMG-9063-4S	630	570	215	50	160	90	70	181	136