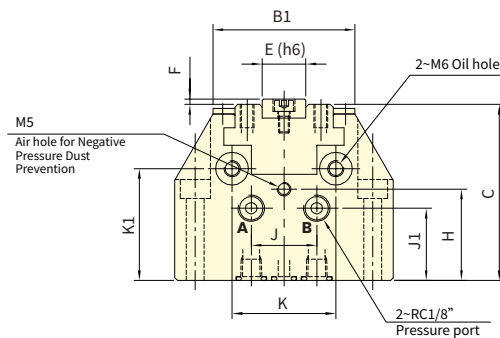
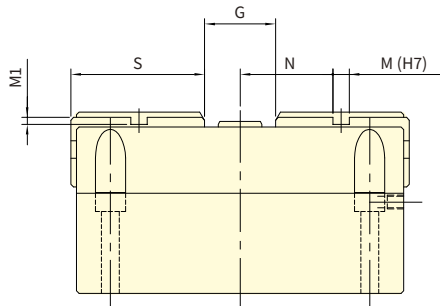
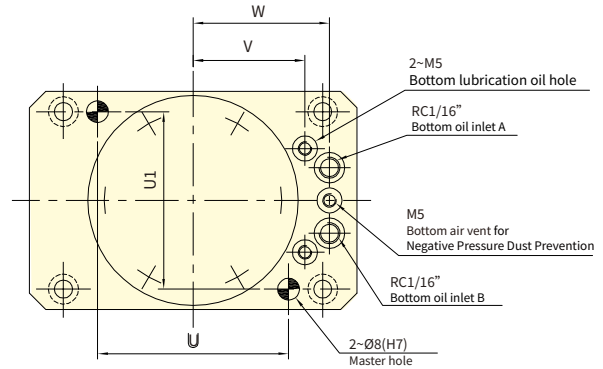
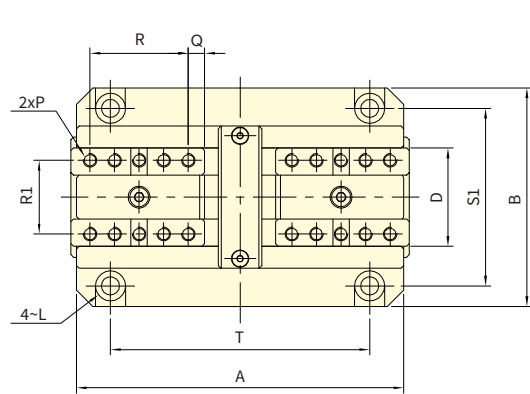




- Pneumatic actuation enables rapid clamping and unclamping, enhancing machining cycle efficiency.
- Slim and compact body design optimizes machine workspace utilization.
- Oil ports are available on both side and bottom, allowing flexible installation and hydraulic connection.
- Suitable for clamping applications on milling machines and machining centers.
- Hydraulic actuation is also supported; however, clamping and unclamping speed will be comparatively slower.



Subject to technical changes

SPECIFICATIONS

Model	Jaw stroke(Dia.)	Max.Chucking (Dia.)	Max. clamping force Pneumatic	Max. clamping force Hydraulic	Max. pressure Pneumatic	Max. pressure Hydraulic	Max. Jaw Height	Weight
	mm							
VRA-808	8.8	100	2.2(224)	8.1(830)	0.9(9)	2.1(21)	60	3.8
VRA-1012	12	120	4.4(450)	13.4(1370)	0.9(9)	2.1(21)	60	7
VRA-1214	14	160	15.0(1530)	31.1(3171)	0.9(9)	2.1(21)	60	12

DIMENSIONS

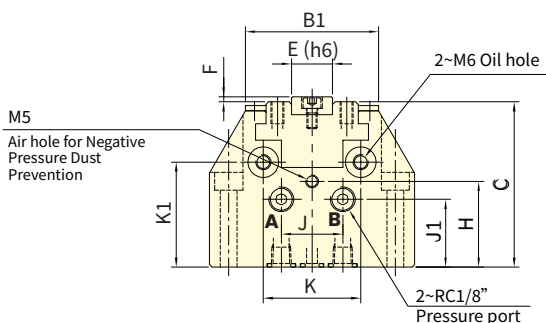
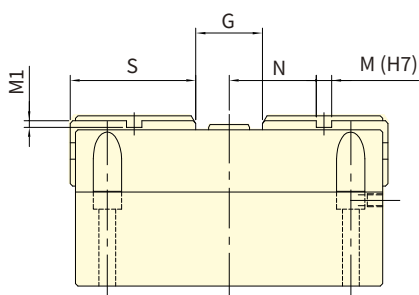
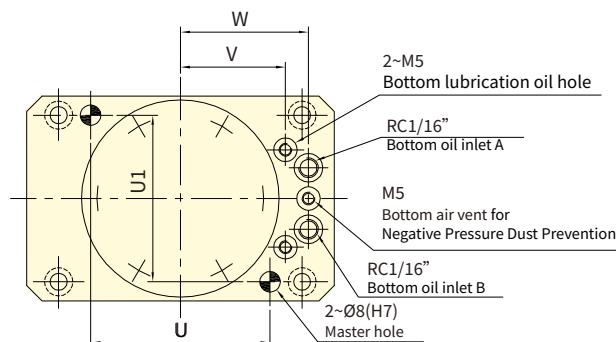
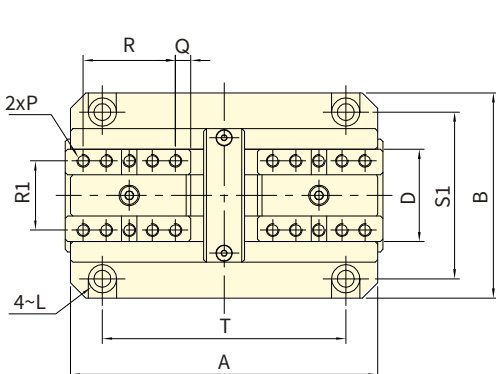
Model	A	B	B1	C	D	E(h6)	F	G max	G min	H	J	J1	K	K1	L
VRA-808	120	80	52	64.5	36	16	2	26	17.2	33.5	24	26.5	38	41	M6
VRA-1012	150	100	64	76	45	20	2	32	20	39	30	32	45	49	M8
VRA-1214	188	125	82	82.5	60	24	2.5	36	22	41.5	36	34.5	58	51	M8

Model	M(H7)	M1	N max	N min	P	Q	R	R1	S	T	T1	U	U1	V	W
VRA-808	6	2.5	34	29.6	10~M5x0.8	6	9x4	27	49	95	65	70	65	41	50
VRA-1012	8	2.5	44	38	10~M6x1	8	12x4	32	63	120	80	90	80	54	63
VRA-1214	8	3	60	53	12~M8x1.25	10	12x5	43	80	158	100	128	100	69	78

VISE



- Designed exclusively for hydraulic actuation, achieving faster clamping and unclamping speed without compromising maximum clamping force.
- Slim and compact body design optimizes machine workspace utilization.
- Oil ports are available on both side and bottom, allowing flexible installation and hydraulic connection.
- Suitable for clamping applications on milling machines and machining centers.



Subject to technical changes

SPECIFICATIONS

Model	Jaw stroke(Dia.)	Max.Chucking (Dia.)	Max. clamping force Pneumatic	Max. clamping force Hydraulic	Max. pressure Pneumatic	Max. pressure Hydraulic	Max. Jaw Height	Weight
	mm							
VRH-808	8.8	100	7.8(795)	5.0(50)	60	3.9	60	3.8
VRH-1012	12	120	15.6(1590)	5.0(50)	60	7.2	60	7
VRH-1214	14	160	31.1(3171)	6.0(60)	60	12.1	60	12

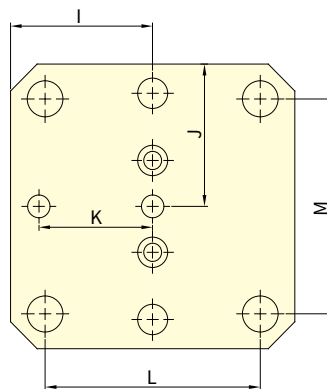
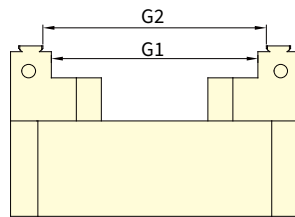
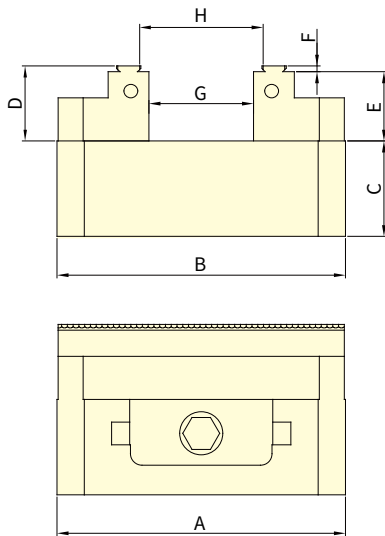
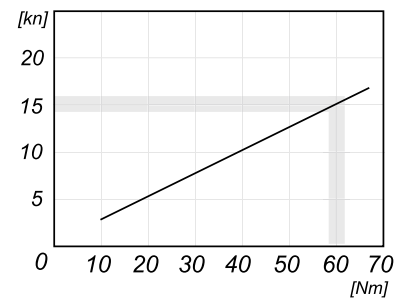
DIMENSIONS

Model	A	B	B1	C	D	E(h6)	F	G max	G min	H	J	J1	K	K1	L
VRH-808	120	80	52	64.5	36	16	2	26	17.2	33.5	24	26.5	38	41	M6
VRH-1012	150	100	64	76	45	20	2	32	20	39	30	32	45	49	M8
VRH-1214	188	125	82	82.5	60	24	2.5	36	22	41.5	36	34.5	58	51	M8

Model	M (H7)	M1	N max	N min	P	Q	R	R1	S	T	T1	U	U1	V	W
VRH-808	6	2.5	34	29.6	10~M5x0.8	6	9x4	27	49	95	65	70	65	41	50
VRH-1012	8	2.5	44	38	10~M6x1	8	12x4	32	63	120	80	90	80	54	63
VRH-1214	8	3	60	53	12~M8x1.25	10	12x5	43	80	158	100	128	100	69	78



- Self-centering design ideal for 4-axis and 5-axis CNC rotary tables; compatible with horizontal and vertical machining.
- Centering repeatability of ± 0.01 mm ensures precise and stable workpiece positioning.
- Vise body made of high-grade alloy steel with hardened sliding surfaces (HRC 45+) for excellent wear resistance and rigidity.
- Jaws are made of fully hardened steel (HRC 55+), reversible and interchangeable for extended service life.
- Precision-built and easy to operate, ideal for demanding machining environments requiring high efficiency and accuracy.


Clamping curve


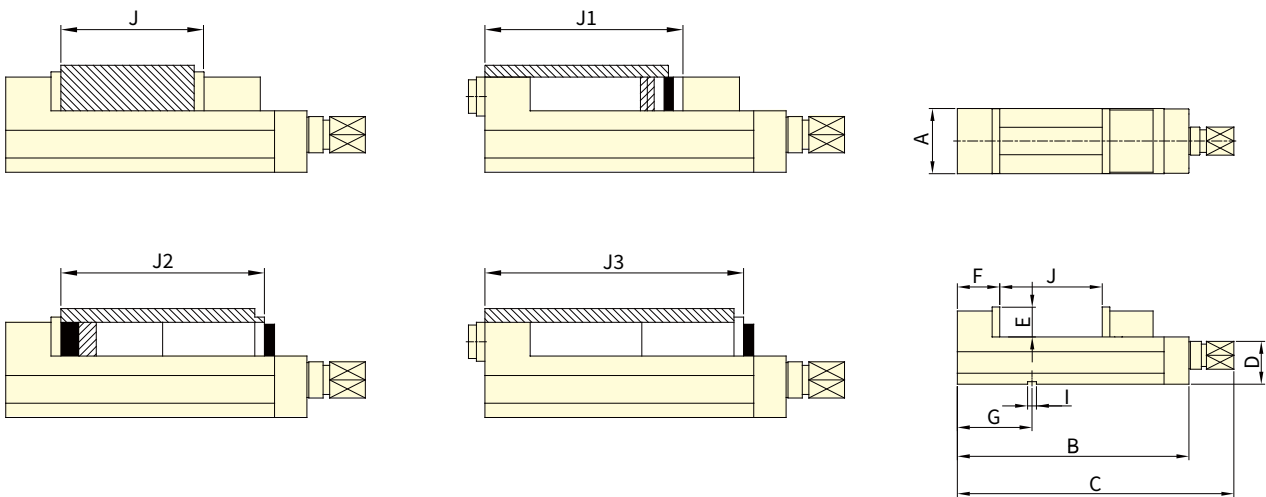
Subject to technical changes

DIMENSIONS

Model	A	B	C	D	E	F	G	G1	G2	H	I	J	K	L	M	Weight (kg)
MVSC-764	76	102	35	21	18.5	2.5	45	78	82	49	51	38	30	52	52	2.02
MVSC-1275	127	127	42	33	30	2.5	47	91	96	52	63.5	63.5	50.8	96	96	5.71
MVSC-1276	127	153	42	33	30	2.5	73	117	122	78	76.5	63.5	50.8	96	96	6.64
MVSC-1278	127	210	42	33	30	2.5	130	167	172	135	105.5	63.5	50.8	96	96	8.26
MVSC-12710	127	255	42	33	30	2.5	175	219	226	180	127.5	63.5	50.8	96	96	9.5
MVSC-15010	150	255	57	37	34	2.5	143	207	212	148	127.5	75	100	96	96	15.54



- One-piece casting of the vise bed and movable jaw offers outstanding rigidity and stability, ideal for precision machining.
- The down-thrust spherical segment mechanism applies downward clamping force to eliminate jaw lifting and workpiece tilting, enhancing positioning accuracy and jaw longevity.
- The body is made of high-tensile ductile iron FCD60 (equivalent to GGG60), offering durability and strength for heavy-duty machining.
- Slideways are flame-hardened to HRC 45° for excellent wear resistance, maintaining long-term accuracy during extended use.



Subject to technical changes

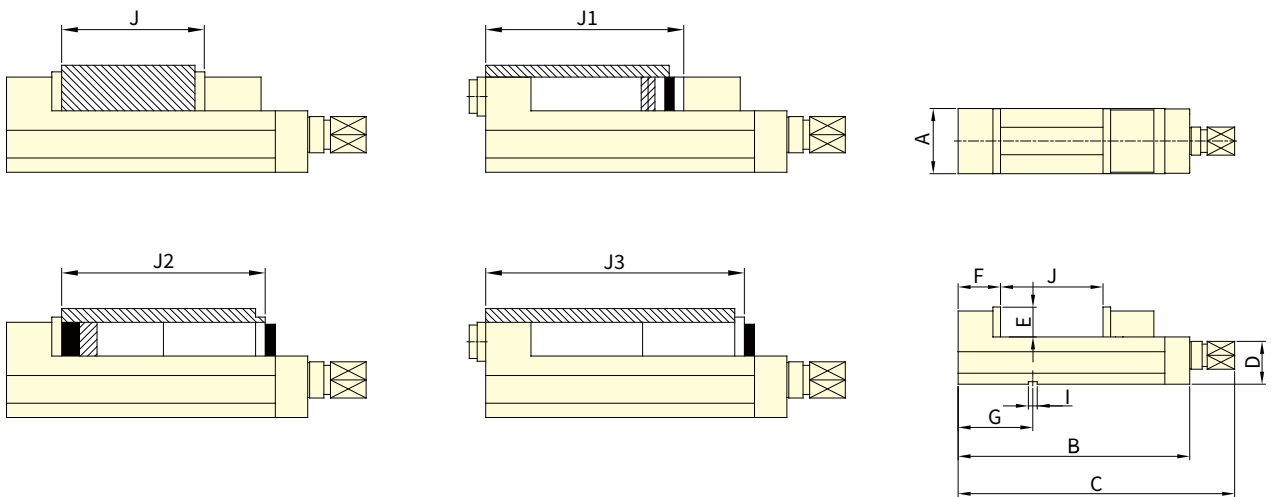
DIMENSIONS

MODEL	A	B	C	D	E	F	G	I	Jaw Opening(Max.)				Clamping Force (kgf)	Weight (kgs)
									J	J1	J2	J3		
MVRH-100	101	380	480	85	48	80	125	16	135	200	240	330	4000	26
MVRH-130	131	445	545	95	55	85	150	18	190	250	300	390	5000	40
MVRH-160	161	535	635	105	58	100	165	18	250	330	370	480	5500	61
MVRH-160L	161	585	685	105	58	100	165	18	300	380	420	530	5500	65
MVRH-200	201	610	710	110	63	108	190	18	300	370	430	550	6900	82

- One-piece casting of the vise bed and movable jaw ensures excellent rigidity, enhancing clamping stability and durability.
- The down-thrust spherical segment mechanism generates downward force during clamping, preventing jaw lifting and workpiece tilting—improving machining accuracy and jaw life.
- Constructed from high-tensile ductile iron (FCD60 / equivalent to GGG60) with a tensile strength of 60 kgf/mm² (approx. 80,000 psi), suitable for demanding machining conditions.
- Flame-hardened slideways (HRC 45°) provide superior wear resistance, maintaining consistent clamping performance even under prolonged use.



VISE



Subject to technical changes

DIMENSIONS

MODEL	A	B	C	D	E	F	G	I	Jaw Opening(Max.)				Clamping Force (kgf)	Weight (kgs)
									J	J1	J2	J3		
MVRE-100	101	400	490	85	48	80	125	16	155	200	240	33	3000	27
MVRE-130	131	645	555	95	55	85	150	18	230	250	300	390	3500	41
MVRE-160	161	555	645	105	58	100	165	18	300	330	370	480	4000	61
MVRE-160L	161	615	705	105	58	100	165	18	350	380	420	530	4000	65
MVRE-200	201	630	720	110	63	108	190	18	340	370	430	550	4500	82