

# MC POWER MACHINE VISE

## MACHINE TYPE

### MPPV

- MPPV - 100A
- MPPV - 130A
- MPPV - 160A
- MPPV - 160S
- MPPV - 160L
- MPPV - 200A



## CNC POWER MACHINE VISE

### ADJUSTABLE TYPE

#### AFPV

- AFPV - 100
- AFPV - 130
- AFPV - 160
- AFPV - 160L
- AFPV - 200

# PRECISION POWER VISE

High  
Accuracy

High  
Wear  
Resistance

High  
Tensile  
Strength



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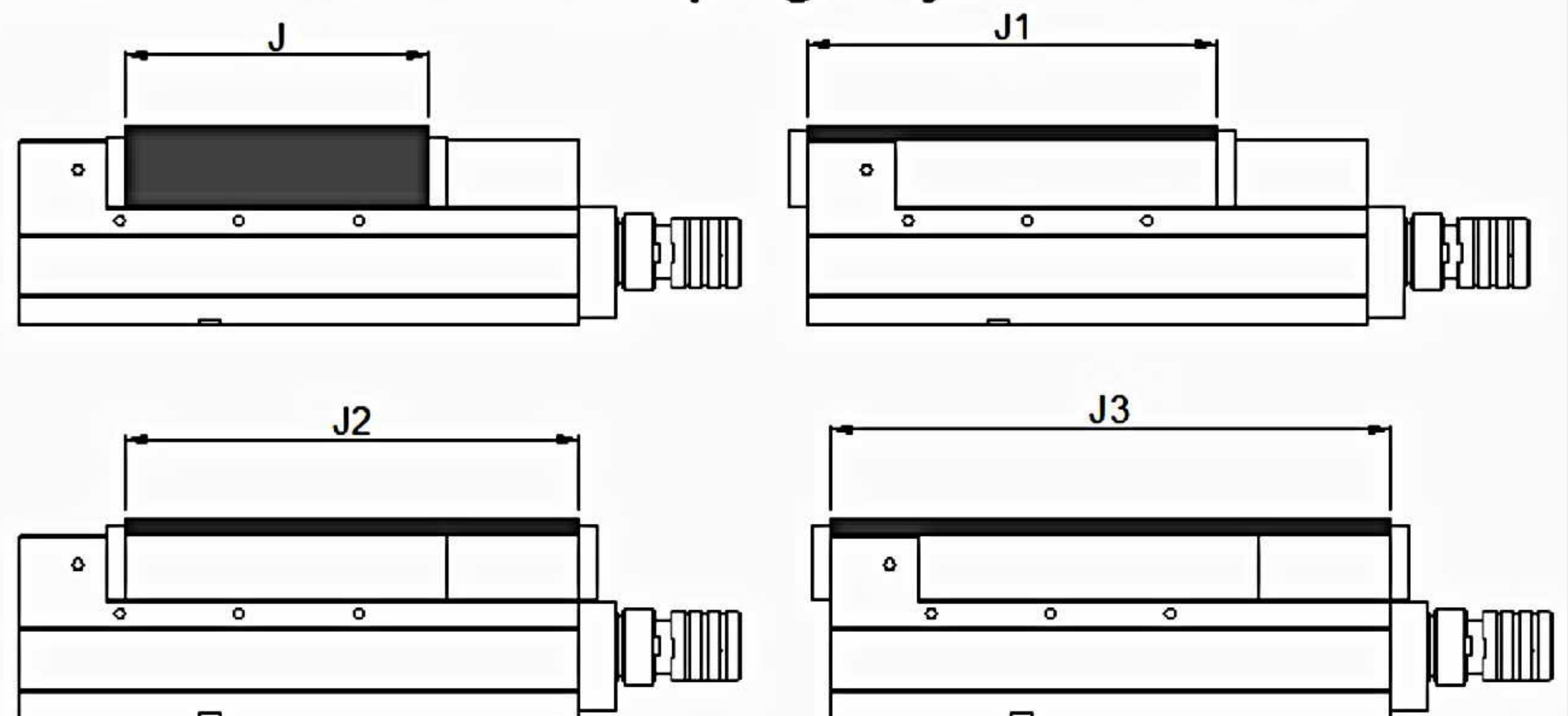
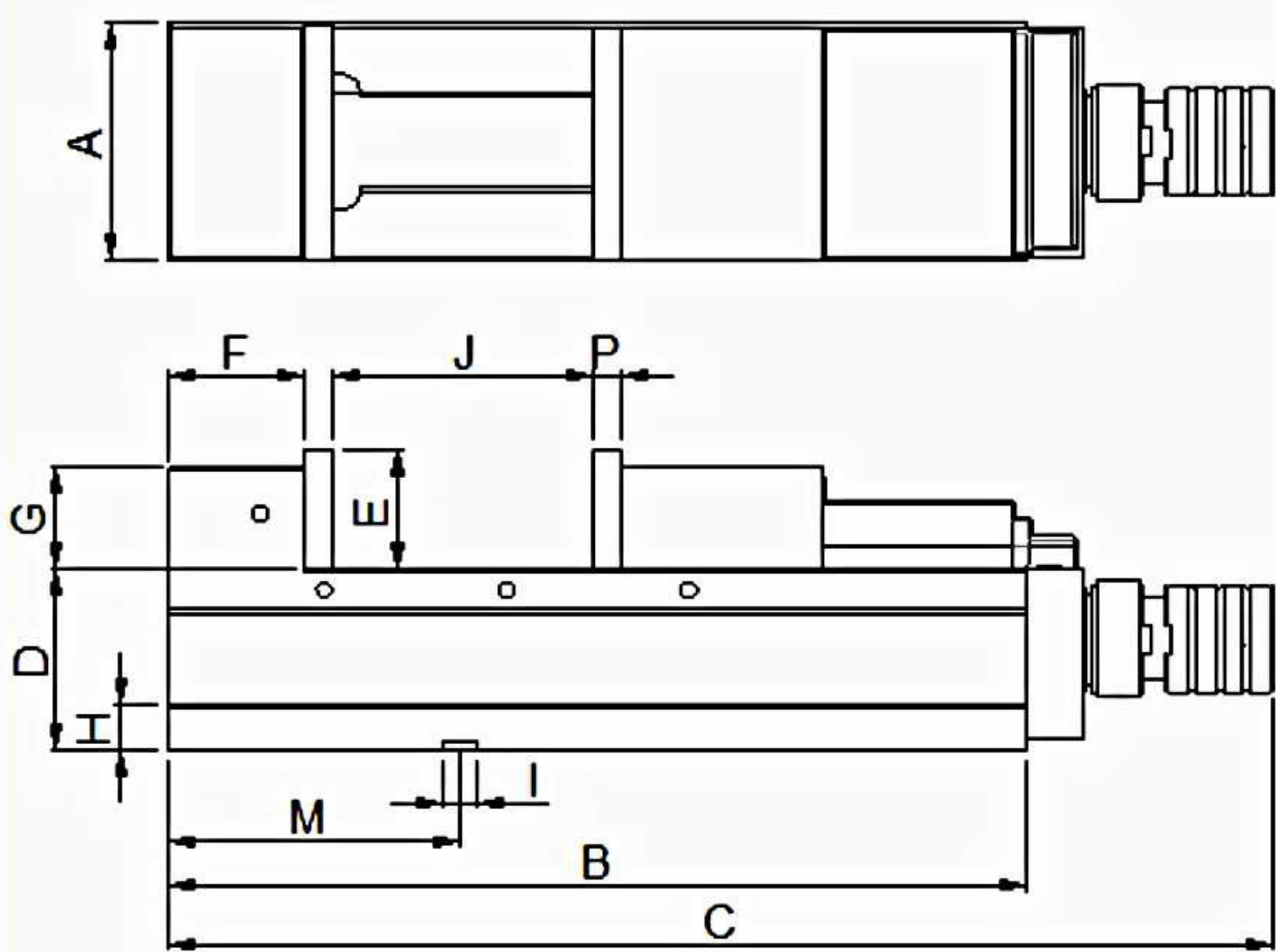
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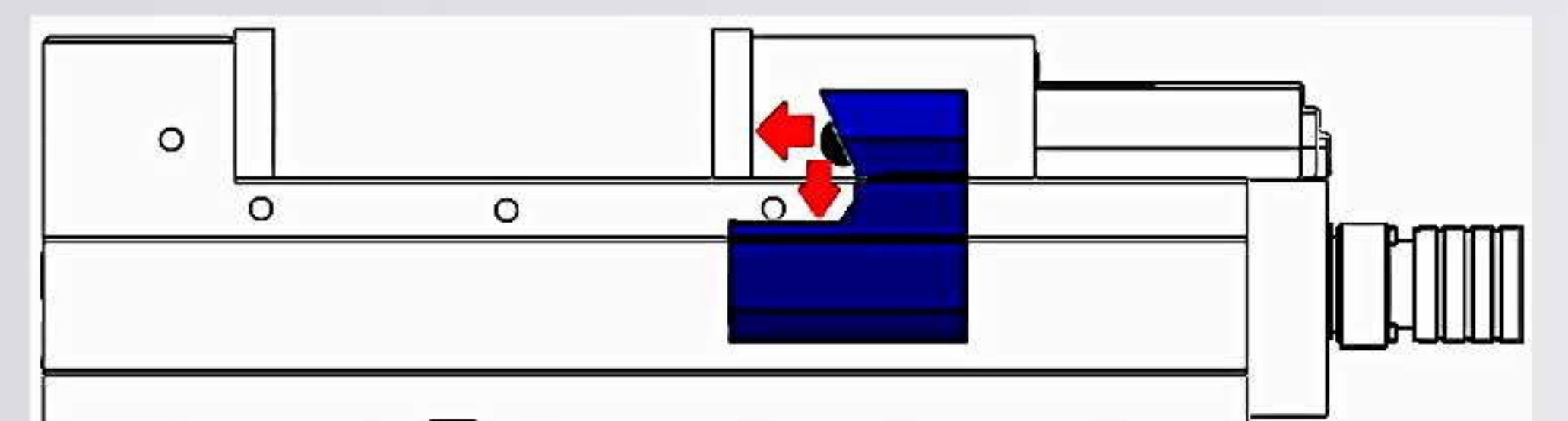
## MC POWER MACHINE VISE MACHINE TYPE MPPV

Four clamping ways for choice



MODEL	A	B	C	D	E	F	G	H	I	M	P	J	J <sub>1</sub>	J <sub>2</sub>	J <sub>3</sub>	Clamping Force ( kgf )	Weight ( Kg )
MPPV-100A	100	395	530	85	53	60	50	25	18	110	15	200	280	320	390	3500	28
MPPV-130A	130	470	605	100	58	75	55	25	18	160	15	250	340	370	460	4500	45
MPPV-160A	160	545	680	100	63	80	60	25	18	200	18	300	390	430	530	5000	64
MPPV-160S	160	488	622	100	63	80	60	25	18	200	18	250	350	390	480	5000	58
MPPV-160L	160	750	885	100	63	90	60	25	18	200	18	500	580	610	700	5000	72
MPPV-200A	200	605	740	110	63	95	60	25	18	220	18	340	460	490	600	5500	86

**Standard Accessories :**  
Ratchet Handle x1pc / Guide Key x2 pcs /  
Screw M6x12L x2 pcs / Locked Block x4 pcs



- Machine vise is processed and ground with precision in various ways, suitable for precision machining in vertical/horizontal integrated milling and cutting machine centers.
- The main body of the vise is made of high ductility nodular cast iron (FCD600) with integrated molding design. The sliding surfaces undergo harden heat treatment (HRC50°) to ensure high precision, high wear resistance, and high tensile strength.
- The hardness of the jaw plates after heat treatment is HRC55°
- The semi-spherical ball can generate angular locking force, which can eliminate workpiece lifting.
- Unique mechanical pressurization mechanism design (patented design), featuring rapid pressurization and high clamping force (max to 5500kgf).
- This machine vise can be used in four different clamping modes.
- This machine vise features a chipsproof design, which prevents iron chips from entering the interior of the vise and easy discharge of chips, thus extending its lifespan.
- The height (D) of the vise is fixed, allowing for multiple units to be used in parallel.

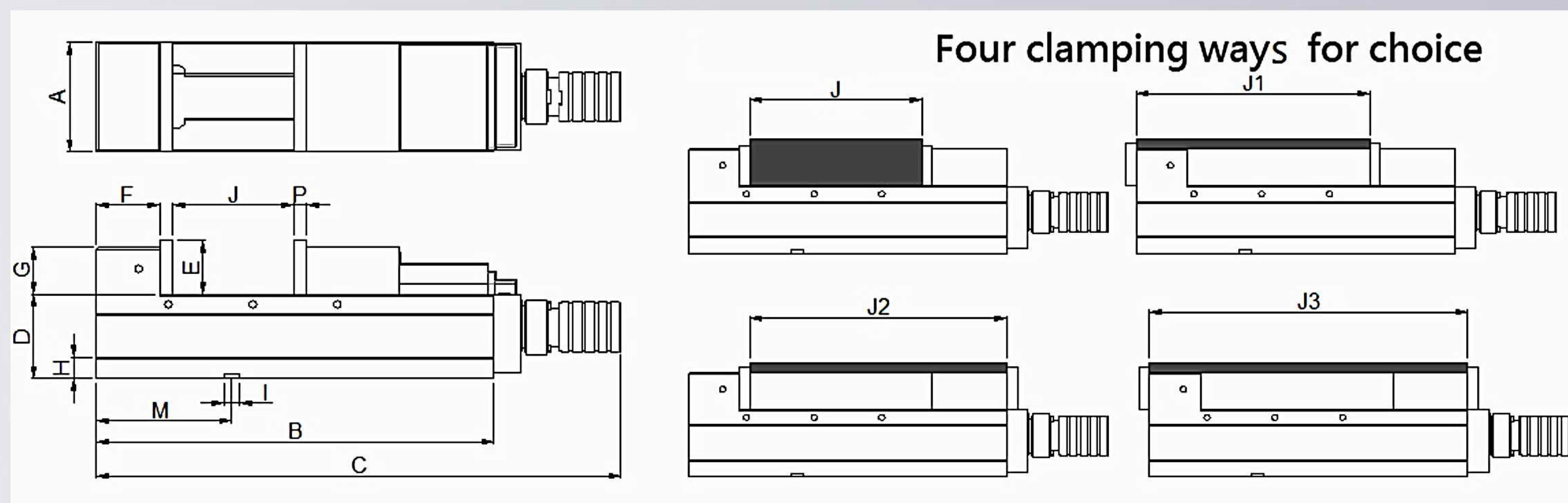




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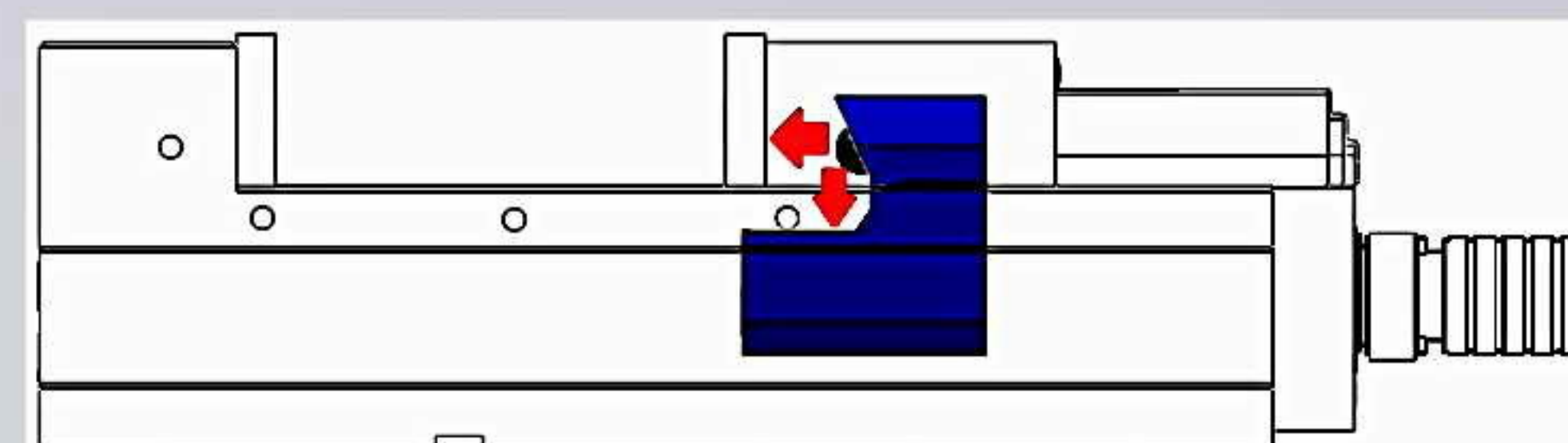
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## MC POWER MACHINE VISE HYDRAULIC TYPE HPPV



MODEL	A	B	C	D	E	F	G	H	I	M	P	J	J <sub>1</sub>	J <sub>2</sub>	J <sub>3</sub>	Clamping Force (kgf)	Weight (Kg)
HPPV-100A	100	395	552	85	53	60	50	25	18	110	15	200	280	320	390	3500	29
HPPV-130A	130	470	626	100	58	75	55	25	18	160	15	250	340	370	460	4500	46
HPPV-160A	160	545	702	100	63	80	60	25	18	200	18	300	390	430	530	5000	65
HPPV-160S	160	488	644	100	63	80	60	25	18	200	18	250	350	390	480	5000	59
HPPV-160L	160	750	907	100	63	80	60	25	18	200	18	500	580	610	700	5000	73
HPPV-200A	200	605	762	110	63	95	60	25	18	220	18	340	460	490	600	5500	87

**Standard Accessories :**  
Ratchet Handle x1pc / Guide Key x2 pcs /  
Screw M6x12L x2 pcs / Locked Block x4 pcs



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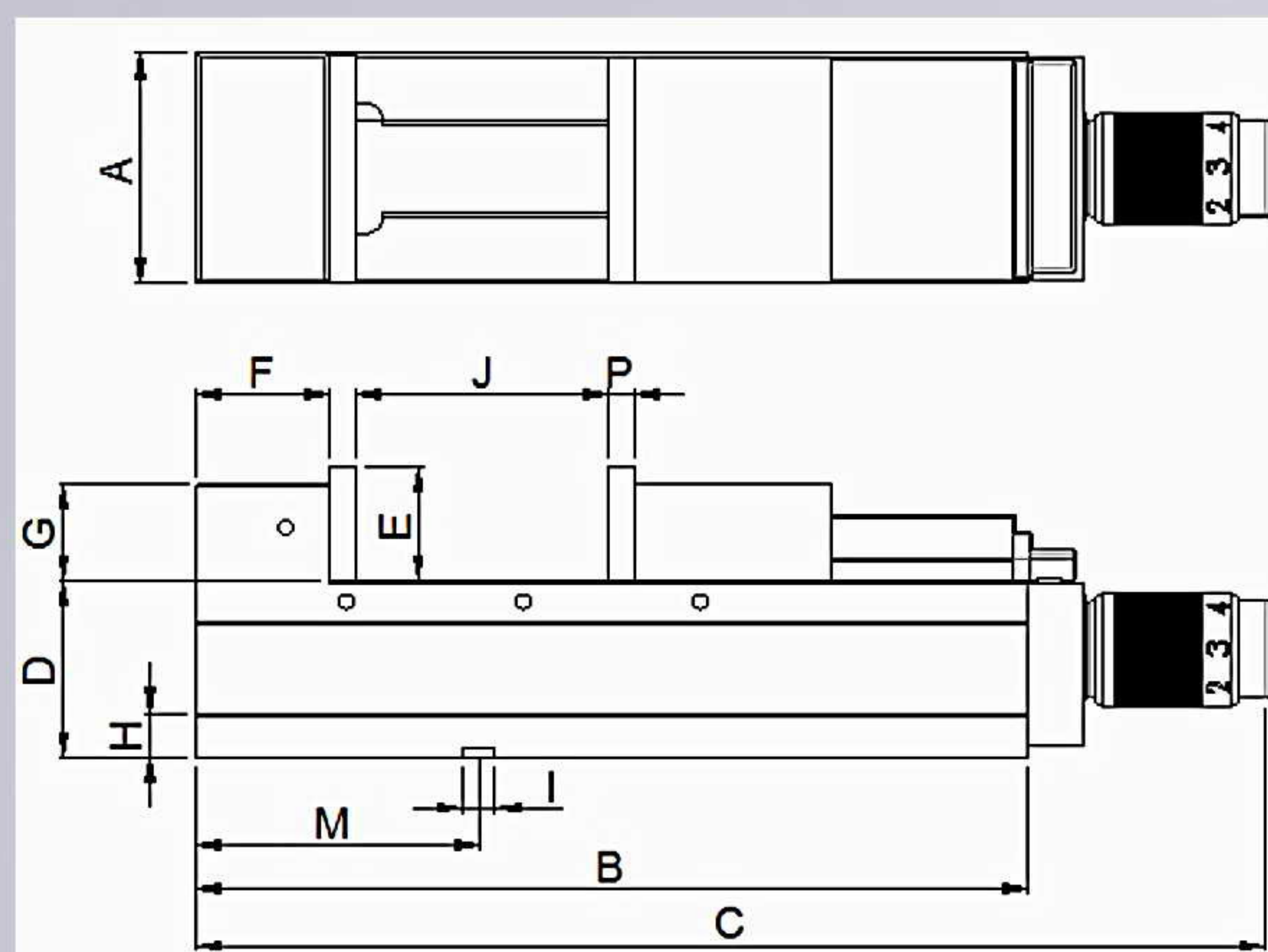


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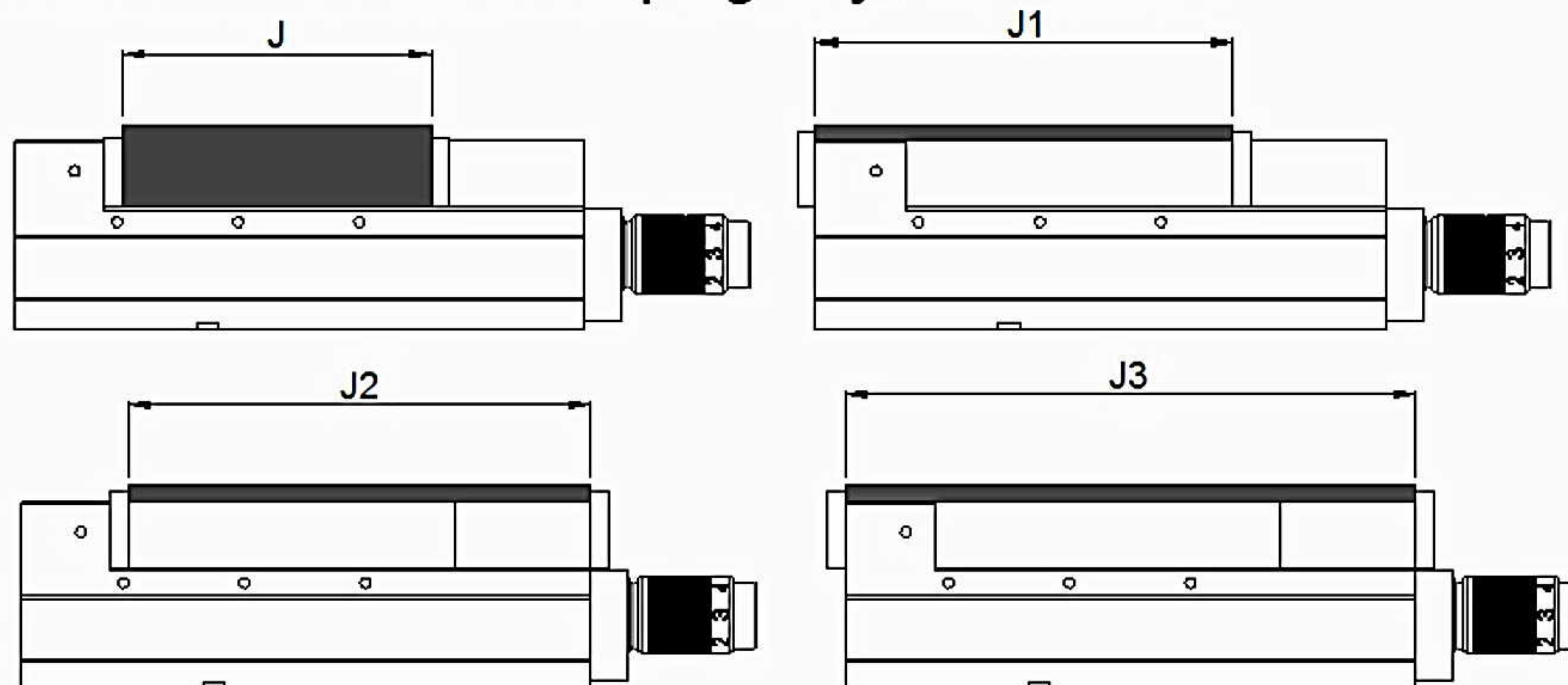
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## MC POWER MACHINE VISE ADJUSTABLE TYPE APPV

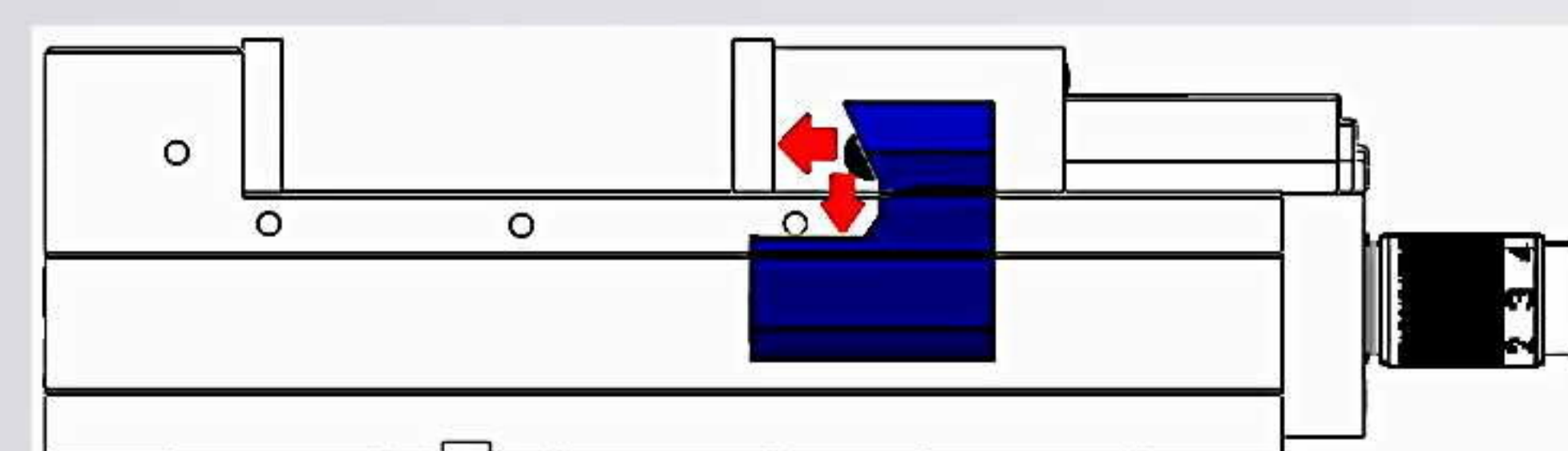


Four clamping ways for choice



MODEL	A	B	C	D	E	F	G	H	I	M	P	J	J <sub>1</sub>	J <sub>2</sub>	J <sub>3</sub>	Clamping Force (kgf)	Weight (Kg)
APPV-100A	100	395	527	85	53	60	50	25	18	110	15	200	280	320	390	3500	28
APPV-130A	130	470	602	100	58	75	55	25	18	160	15	250	340	370	460	4500	45
APPV-160A	160	545	677	100	63	80	60	25	18	200	18	300	390	430	530	5000	64
APPV-160S	160	488	620	100	63	80	60	25	18	200	18	250	350	390	480	5000	58
APPV-160L	160	750	882	110	63	90	60	25	18	220	18	500	580	610	700	5000	72
APPV-200A	200	605	737	110	63	95	60	25	18	220	18	340	460	490	600	5500	86

**Standard Accessories :**  
Ratchet Handle x1pc / Guide Key x2 pcs /  
Screw M6x12L x2 pcs / Locked Block x4 pcs



- Machine vise is processed and ground with precision in various ways, suitable for precision machining in vertical/horizontal integrated milling and cutting machine centers.
- The main body of the vise is made of high ductility nodular cast iron (FCD600) with integrated molding design. The sliding surfaces undergo harden heat treatment (HRC50°) to ensure high precision, high wear resistance, and high tensile strength.
- The hardness of the jaw plates after heat treatment is HRC55°
- The semi-spherical ball can generate angular locking force, which can eliminate workpiece lifting.
- Unique segmented pressurization mechanism design (patented design), adjustable to four stages of pressurization force, enabling optimal pressure adjustment for different workpieces or processing methods, featuring by rapid pressurization and high clamping force (up to 5500kgf)
- This machine vise can be used in four different clamping modes.
- This machine vise features a chipsproof design, which prevents iron chips from entering the interior of the vise and easy discharge of chips, thus extending its lifespan.
- The height (D) of the vise is fixed, allowing for multiple units to be used in parallel.

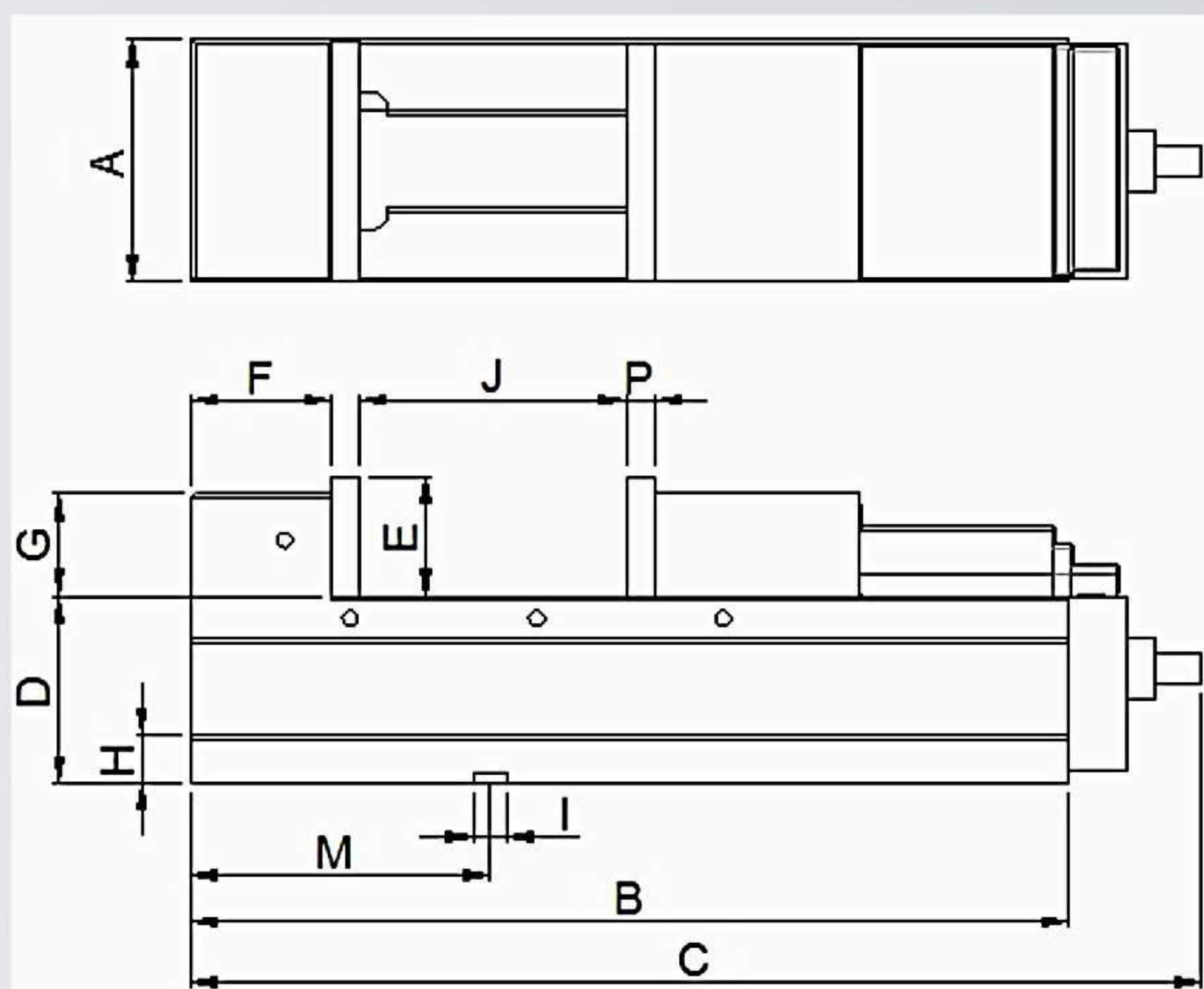




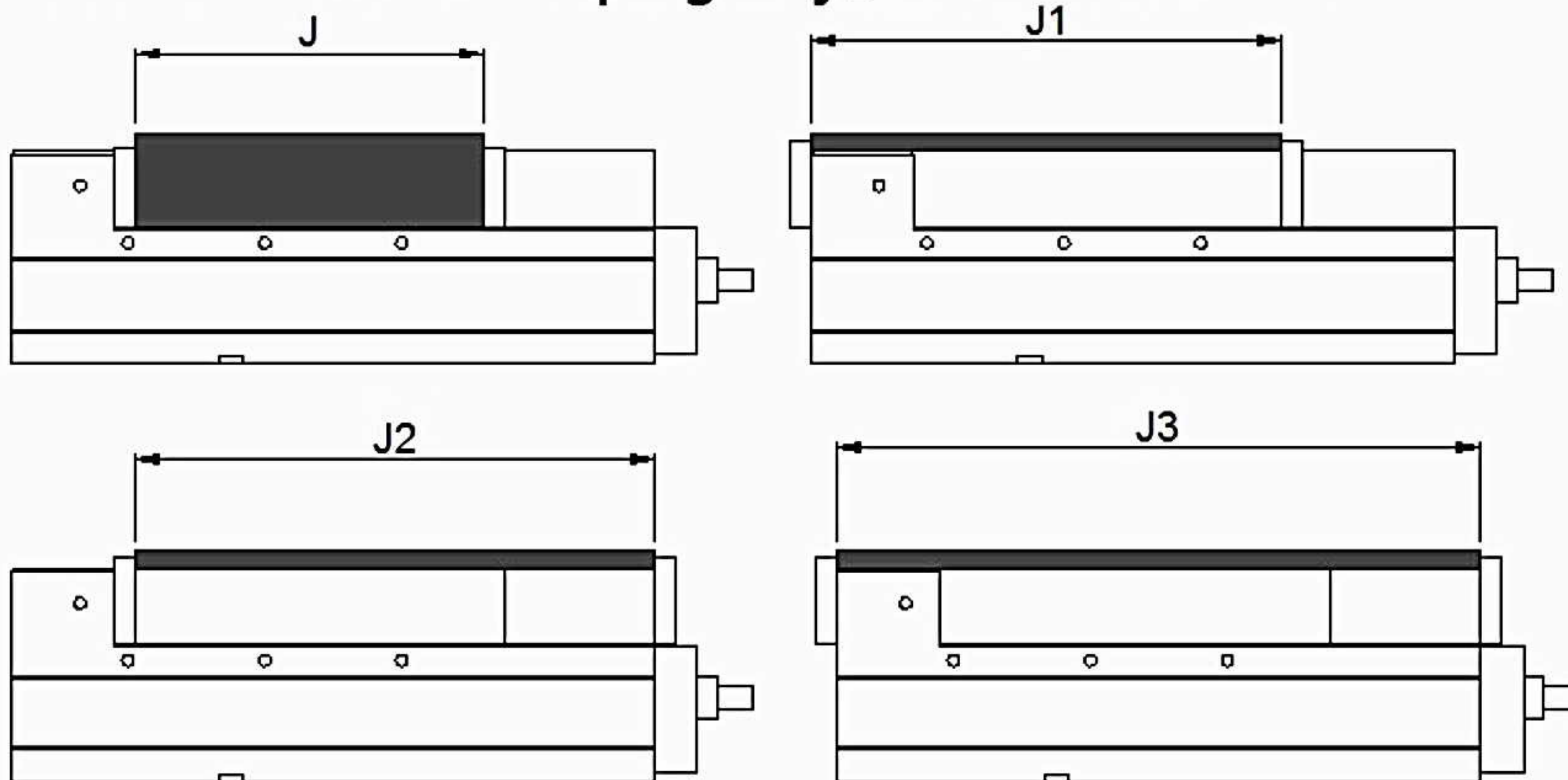
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## MC PRECISION MACHINE VISE MV

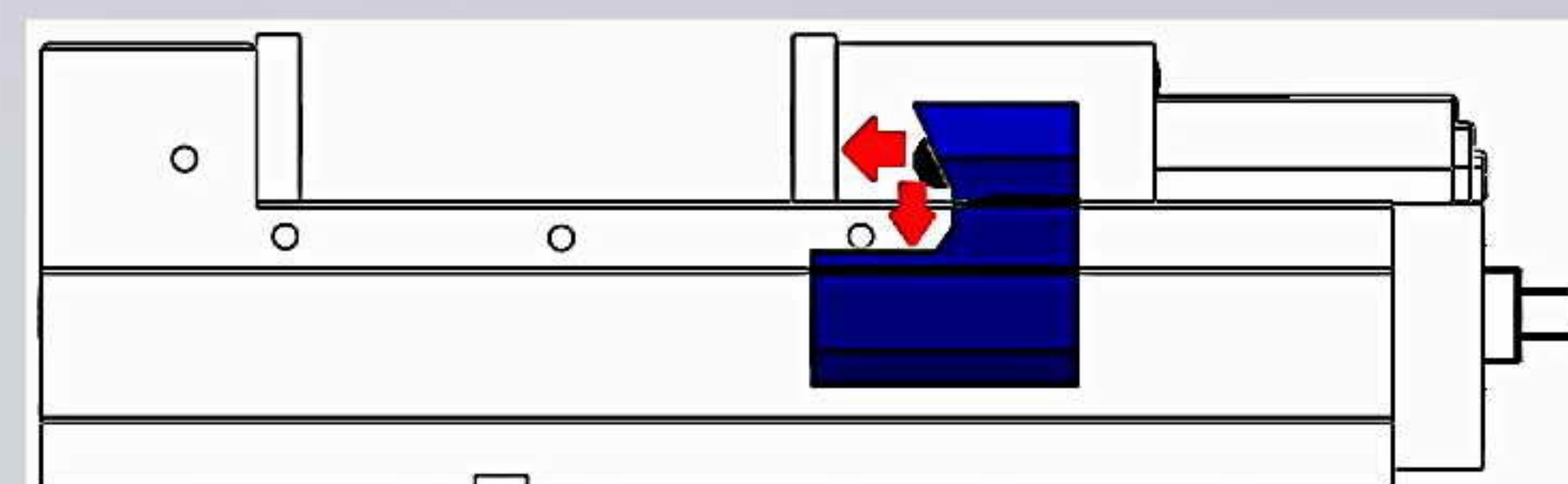


Four clamping ways for choice



MODEL	A	B	C	D	E	F	G	H	I	M	P	J	J <sub>1</sub>	J <sub>2</sub>	J <sub>3</sub>	Weight (Kg)
MV-100A	100	395	485	85	53	60	50	25	18	110	15	200	270	310	380	26
MV-130A	130	470	560	100	58	75	55	25	18	160	15	250	330	360	450	44
MV-160A	160	545	635	100	63	80	60	25	18	200	18	300	380	420	520	63
MV-160S	160	488	580	100	63	80	60	25	18	200	18	250	340	380	470	57
MV-200A	200	605	695	110	63	95	60	25	18	220	18	340	460	490	600	84

**Standard Accessories :**  
Ratchet Handle x1pc / Guide Key x2 pcs /  
Screw M6x12L x2 pcs / Locked Block x4 pcs



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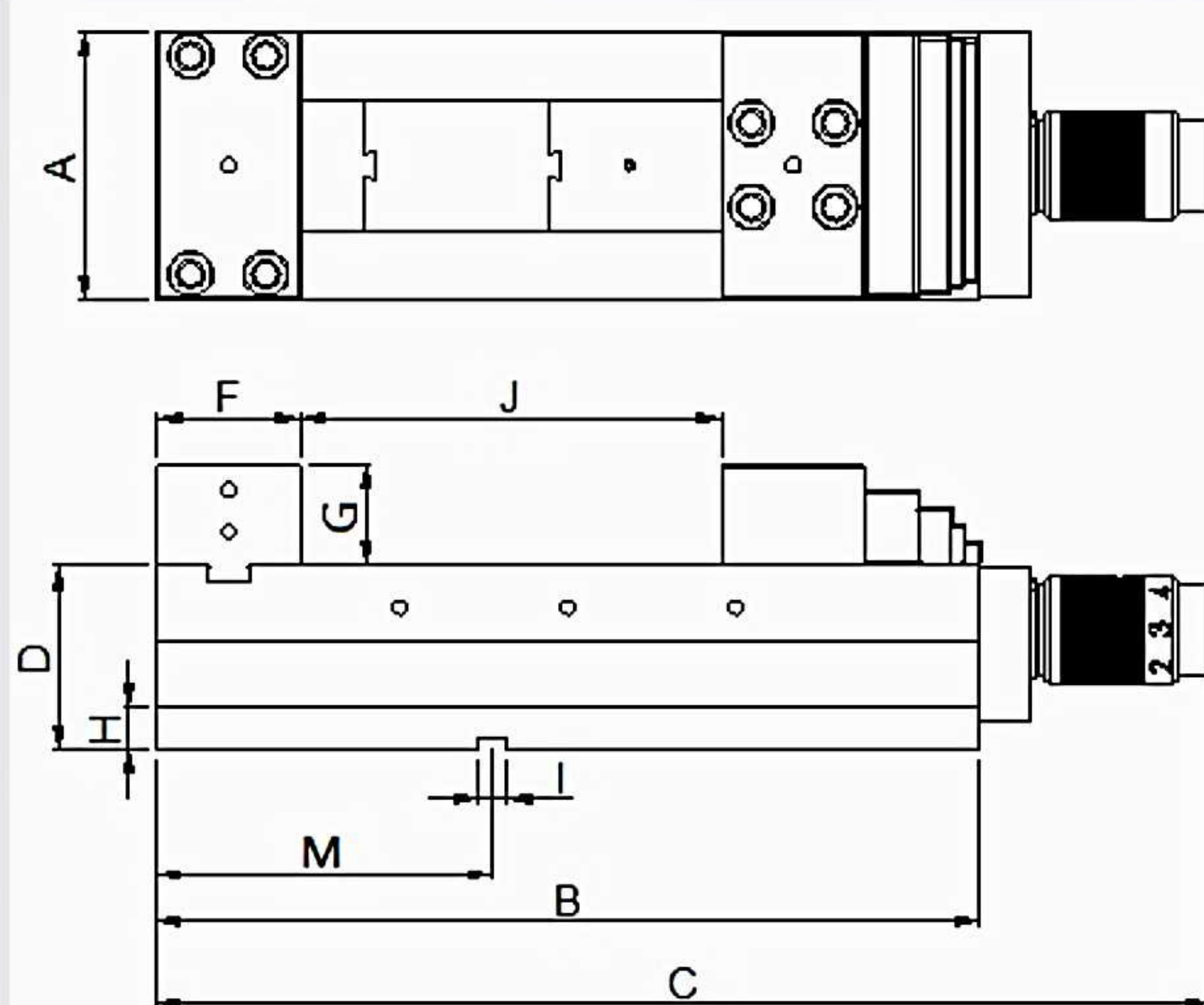


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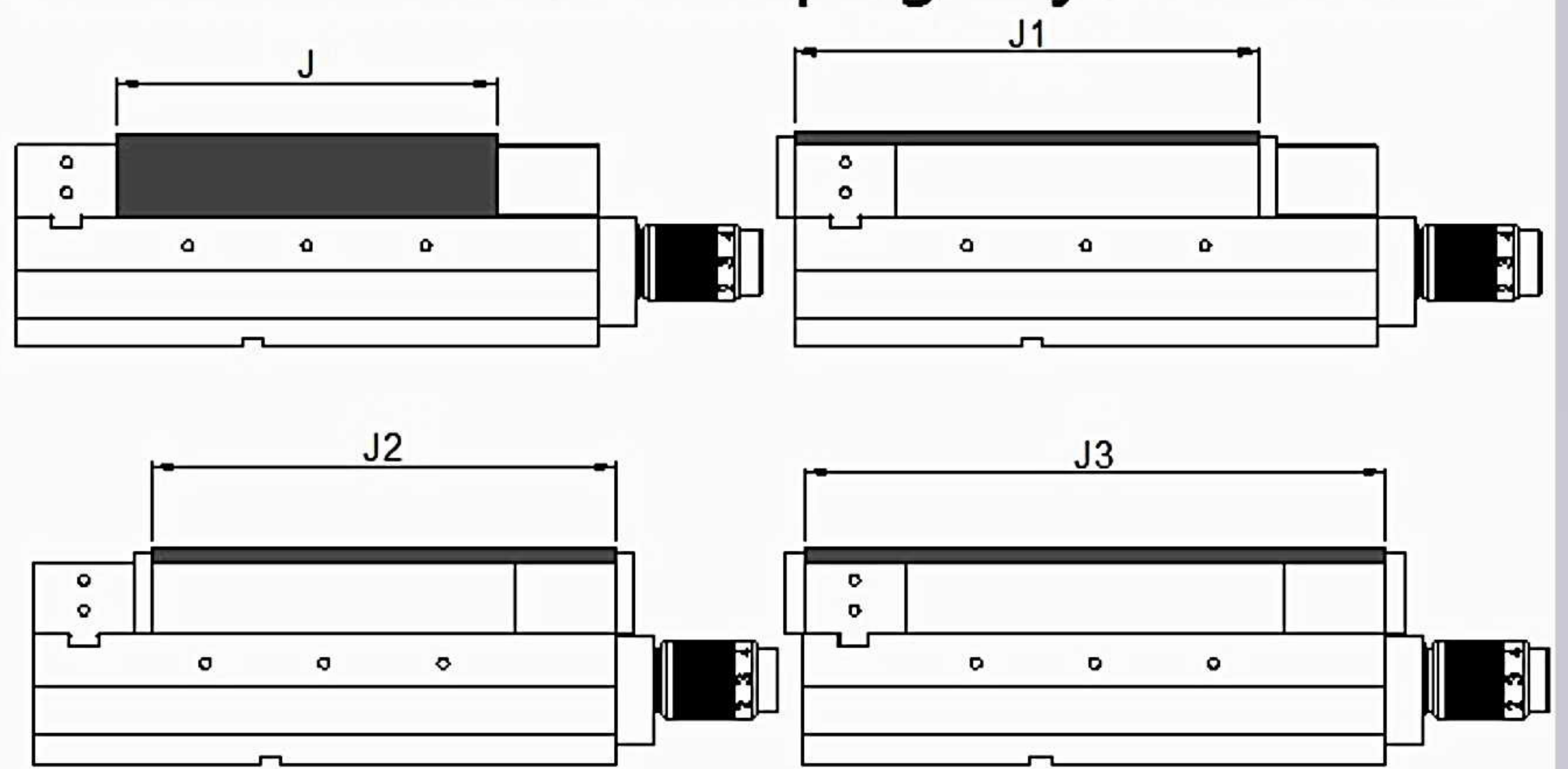
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## CNC POWER MACHINE VISE MACHINE TYPE MFPV



Four clamping ways for choice



MODEL	A	B	C	D	F	G	H	I	M	J	J <sub>1</sub>	J <sub>2</sub>	J <sub>3</sub>	Clamping Force (kgf)	Weight (Kg)
MFPV-100	100	310	445	85	75	50	25	18	110	150	210	210	300	3500	30
MFPV-130	130	410	545	100	80	55	25	18	135	240	300	300	400	4500	45
MFPV-160	160	490	625	110	85	60	25	18	200	300	380	380	480	5000	64
MFPV-160L	160	550	685	110	85	60	25	18	200	360	440	440	540	5000	69
MFPV-200	200	530	665	110	85	60	25	18	220	350	420	420	520	5500	86

**Standard Accessories : Ratchet Handle x1pc / Guide Key x2 pcs / Screw M6x12L x2 pcs / Locked Block x4 pcs**

- Machine vise is processed and ground with precision in various ways, suitable for precision machining in vertical/horizontal integrated milling and cutting machine centers.
- The main body of the vise is made of high ductility nodular cast iron (FCD600) with integrated molding design. The sliding surfaces undergo harden heat treatment (HRC50°) to ensure high precision, high wear resistance, and high tensile strength.
- Both fixed block and sliding block are made of steel and heat treatment to a hardness of over HRC50°, providing high hardness and wear resistance. Users can add or replace different sizes of jaw plates according to machining requirements.
- This machine vise can be used in four different clamping modes.
- Unique mechanical pressurization mechanism design (patented design), featuring rapid pressurization and high clamping force (max to 5500kgf).
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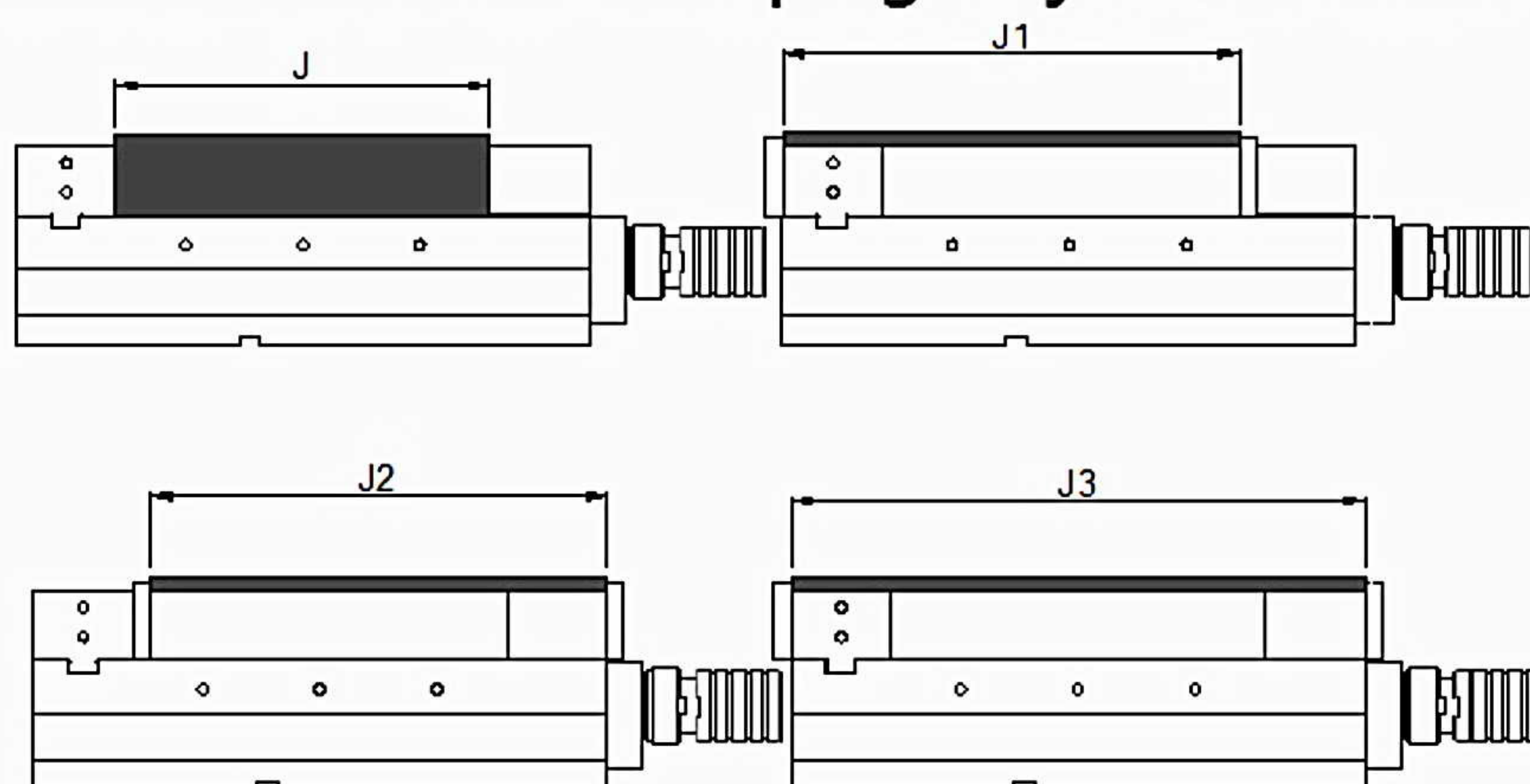
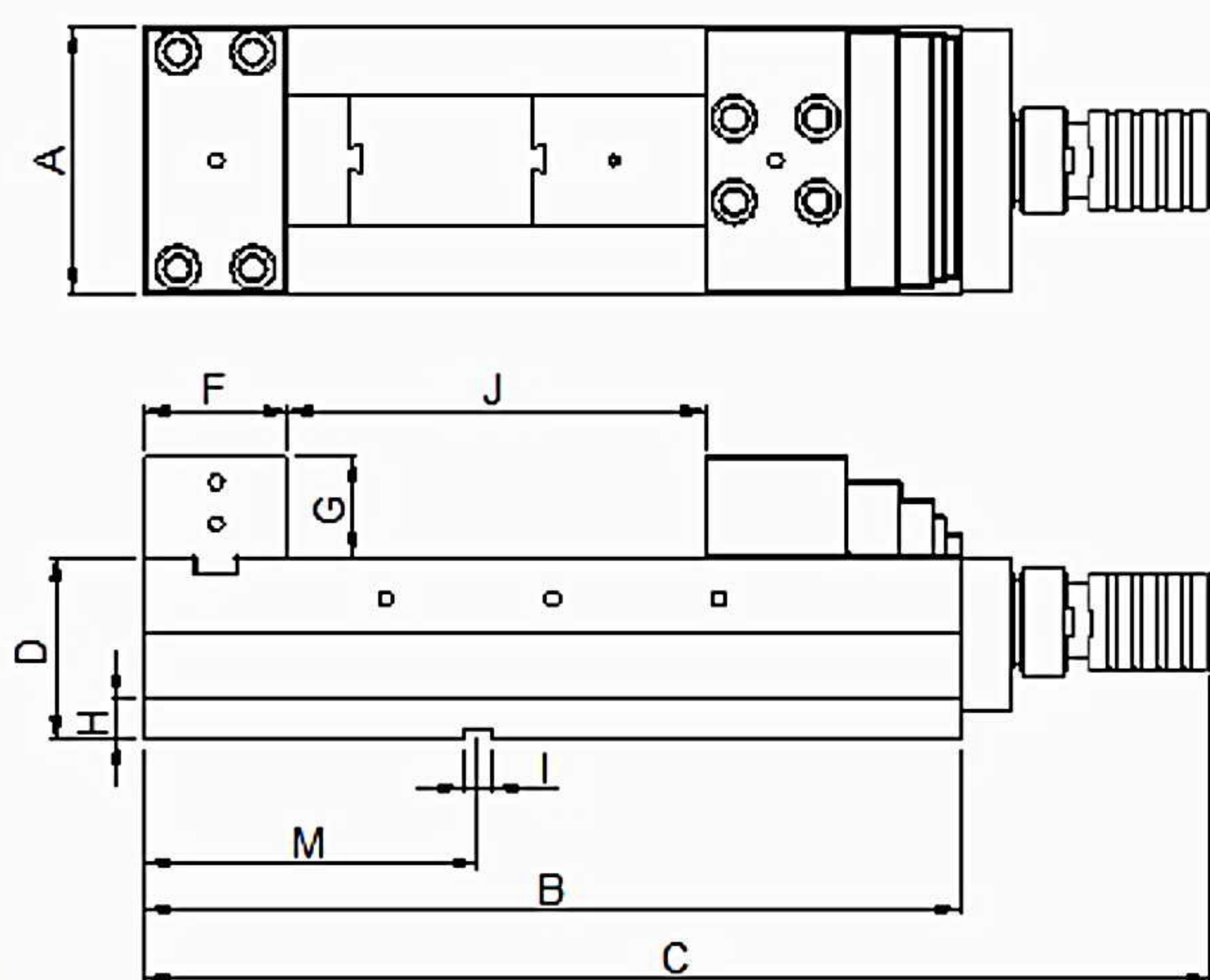
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## CNC POWER MACHINE VISE HYDRAULIC TYPE HFPV



### Four clamping ways for choice



MODEL	A	B	C	D	F	G	H	I	M	J	J <sub>1</sub>	J <sub>2</sub>	J <sub>3</sub>	Clamping Force (kgf)	Weight (Kg)
HFPV-100	100	310	466	85	75	50	25	18	110	150	210	210	300	3500	30
HFPV-130	130	410	566	100	80	55	25	18	135	240	300	300	400	4500	45
HFPV-160	160	490	646	110	85	60	25	18	200	300	380	380	480	5000	65
HFPV-160L	160	550	706	110	85	60	25	18	200	360	440	440	540	5000	69
HFPV-200	200	530	686	110	85	60	25	18	220	350	420	420	520	5500	87

**Standard Accessories : Ratchet Handle x1pc / Guide Key x2 pcs / Screw M6x12L x2 pcs / Locked Block x4 pcs**

- Machine vise is processed and ground with precision in various ways, suitable for precision machining in vertical/horizontal integrated milling and cutting machine centers.
- The main body of the vise is made of high ductility nodular cast iron (FCD600) with integrated molding design. The sliding surfaces undergo harden heat treatment (HRC50°) to ensure high precision, high wear resistance, and high tensile strength.
- Both fixed block and sliding block are made of steel and heat treatment to a hardness of over HRC50°, providing high hardness and wear resistance. Users can add or replace different sizes of jaw plates according to machining requirements.
- This machine vise can be used in four different clamping modes.
- Unique hydraulic pressurization mechanism design (patented design), featuring rapid pressurization and high clamping force (max to 5500kgf).
- This machine vise features a chipsproof design, which prevents iron chips from entering the interior of the vise, thus extending its lifespan.
- The height (D) of the vise is fixed, allowing for multiple units to be used in parallel.



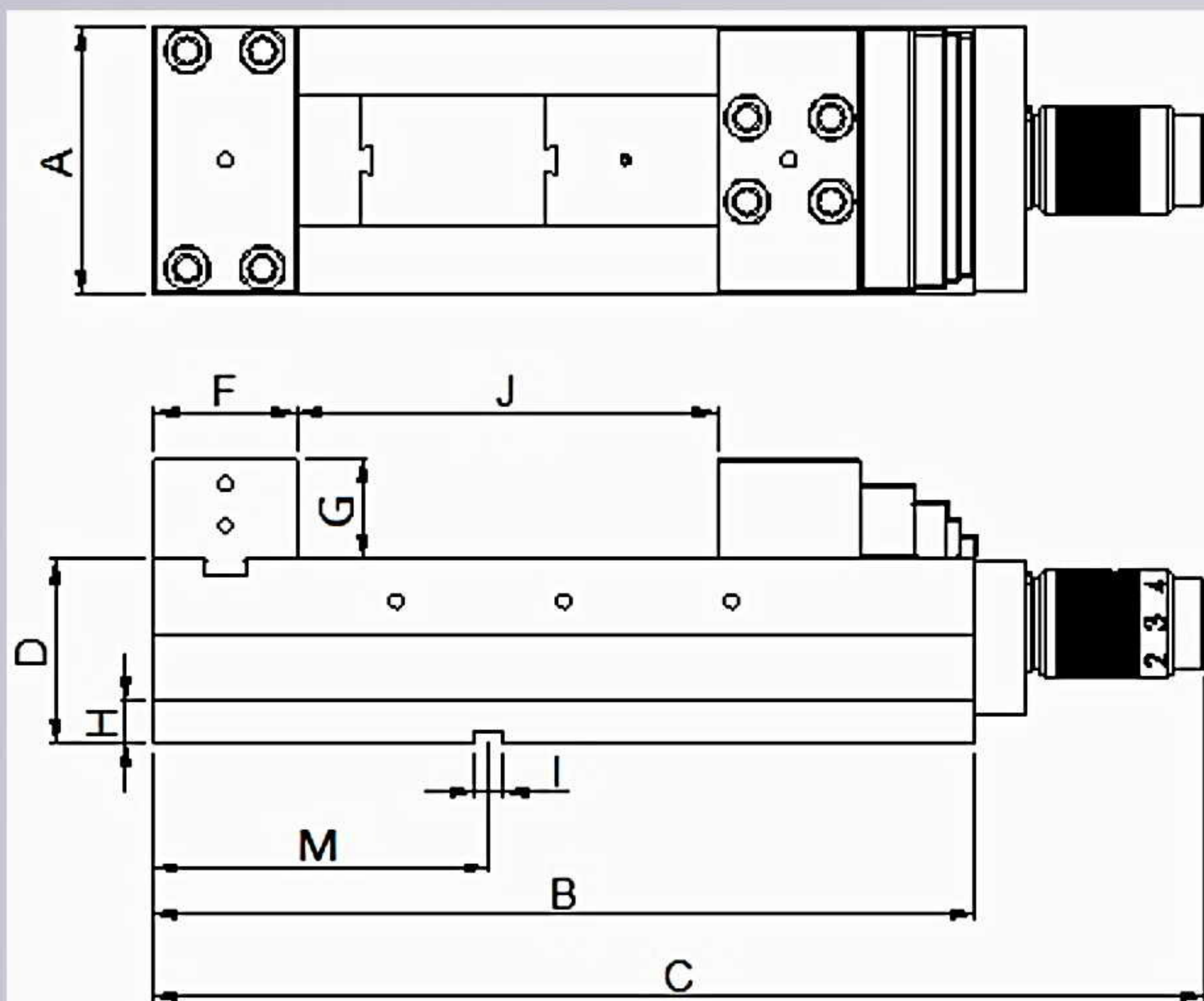


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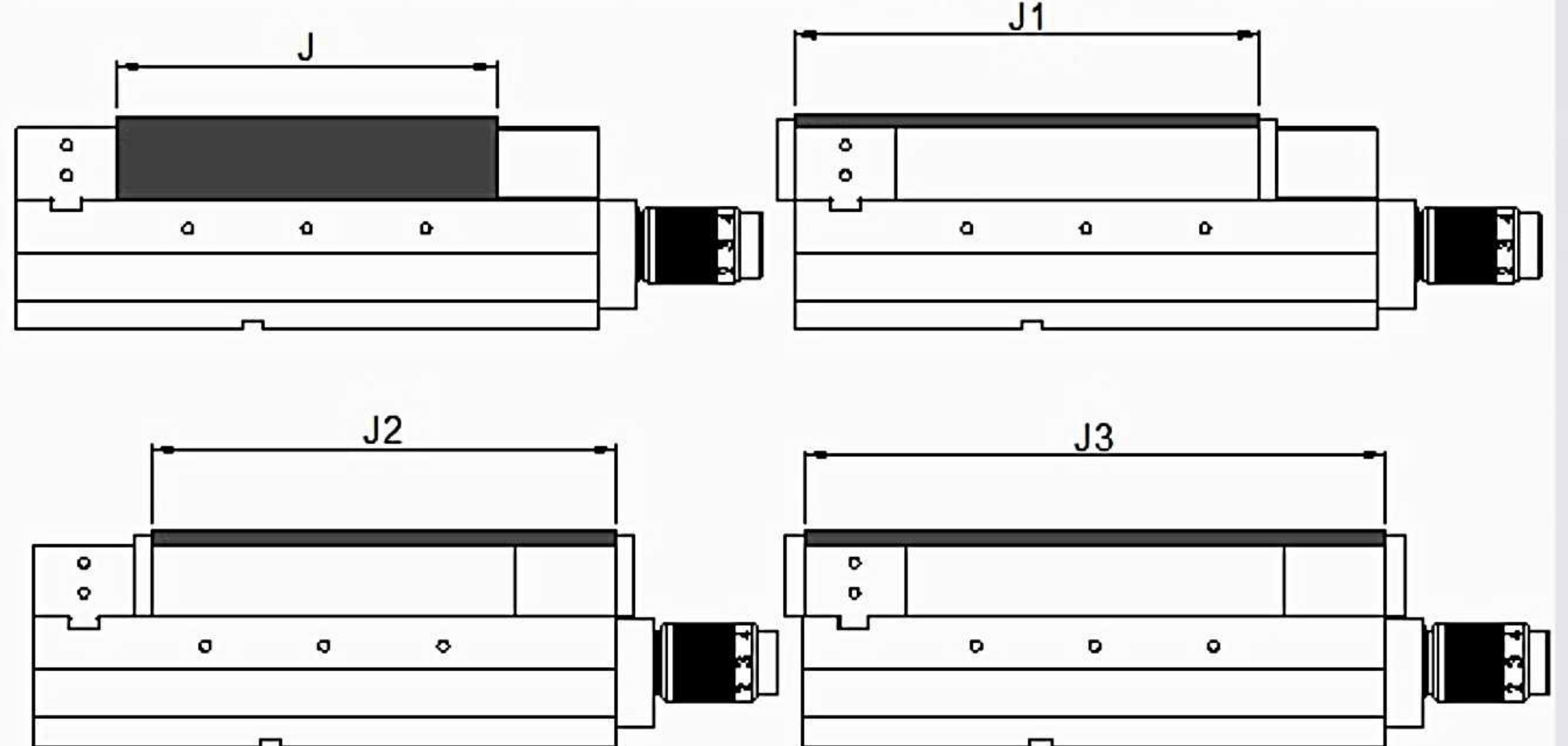
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## CNC POWER MACHINE VISE ADJUSTABLE TYPE AFPV



Four clamping ways for choice



MODEL	A	B	C	D	F	G	H	I	M	J	J <sub>1</sub>	J <sub>2</sub>	J <sub>3</sub>	Clamping Force (kgf)	Weight (Kg)
AFPV-100	100	310	442	85	75	50	25	18	110	150	210	210	300	3500	30
AFPV-130	130	410	542	100	80	55	25	18	135	240	300	300	400	4500	45
AFPV-160	160	490	622	110	85	60	25	18	200	300	380	380	480	5000	64
AFPV-160L	160	550	682	110	85	60	25	18	200	360	440	440	540	5000	69
AFPV-200	200	530	662	110	85	60	25	18	220	350	420	420	520	5500	86

**Standard Accessories : Ratchet Handle x1pc / Guide Key x2 pcs / Screw M6x12L x2 pcs / Locked Block x4 pcs**

- Machine vise is processed and ground with precision in various ways, suitable for precision machining in vertical/horizontal integrated milling and cutting machine centers.
- The main body of the vise is made of high ductility nodular cast iron (FCD600) with integrated molding design. The sliding surfaces undergo harden heat treatment (HRC50°) to ensure high precision, high wear resistance, and high tensile strength.
- Both fixed block and sliding block are made of steel and heat treatment to a hardness of over HRC50°, providing high hardness and wear resistance. Users can add or replace different sizes of jaw plates according to machining requirements.
- This machine vise can be used in four different clamping modes.
- Unique segmented pressurization mechanism design (patented design), adjustable to four stages of pressurization force, enabling optimal pressure adjustment for different workpieces or processing methods, featuring by rapid pressurization and high clamping force (up to 5500kgf)
- This machine vise features a chipsproof design, which prevents iron chips from entering the interior of the vise, thus extending its lifespan.
- The height (D) of the vise is fixed, allowing for multiple units to be used in parallel.





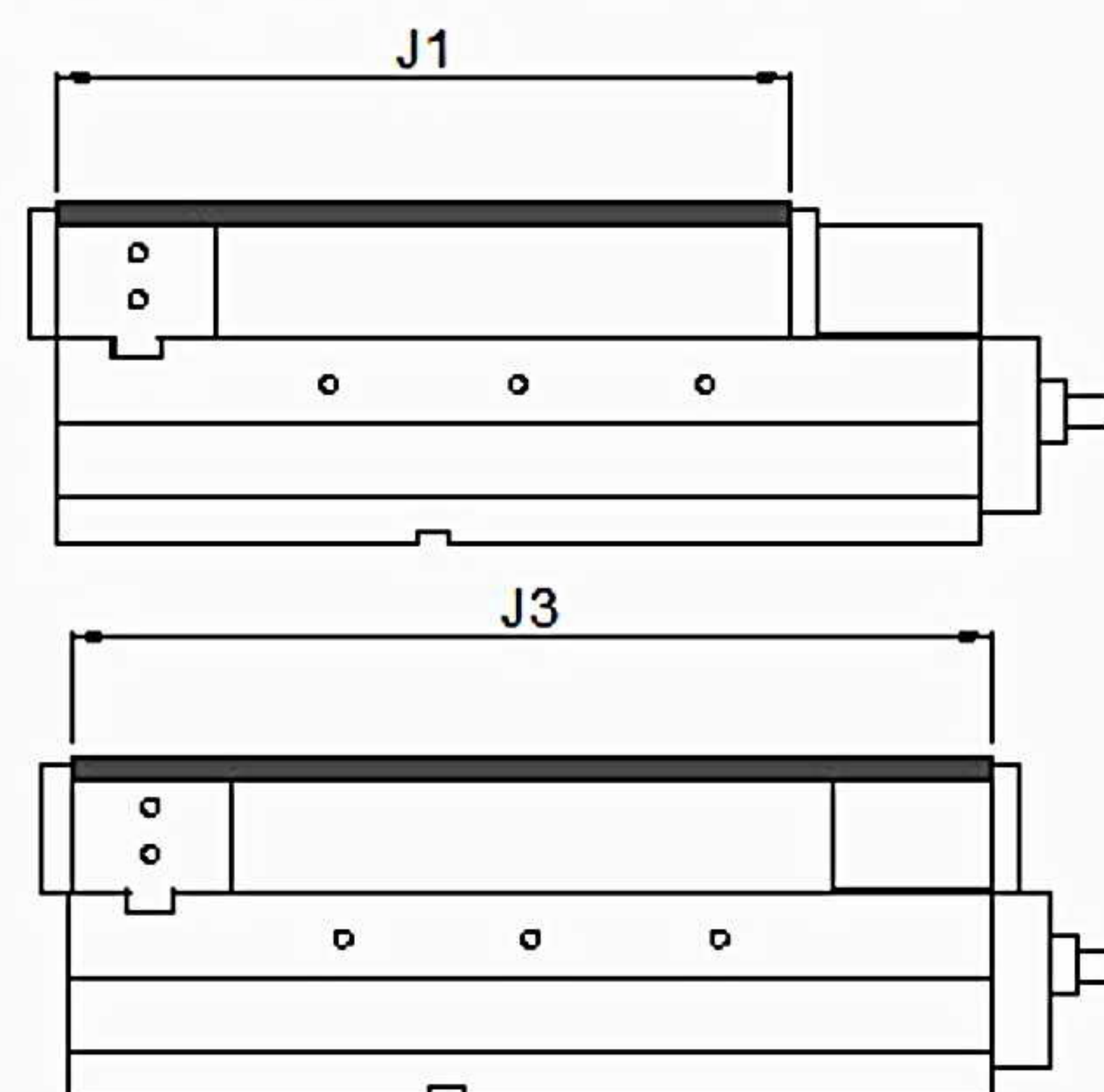
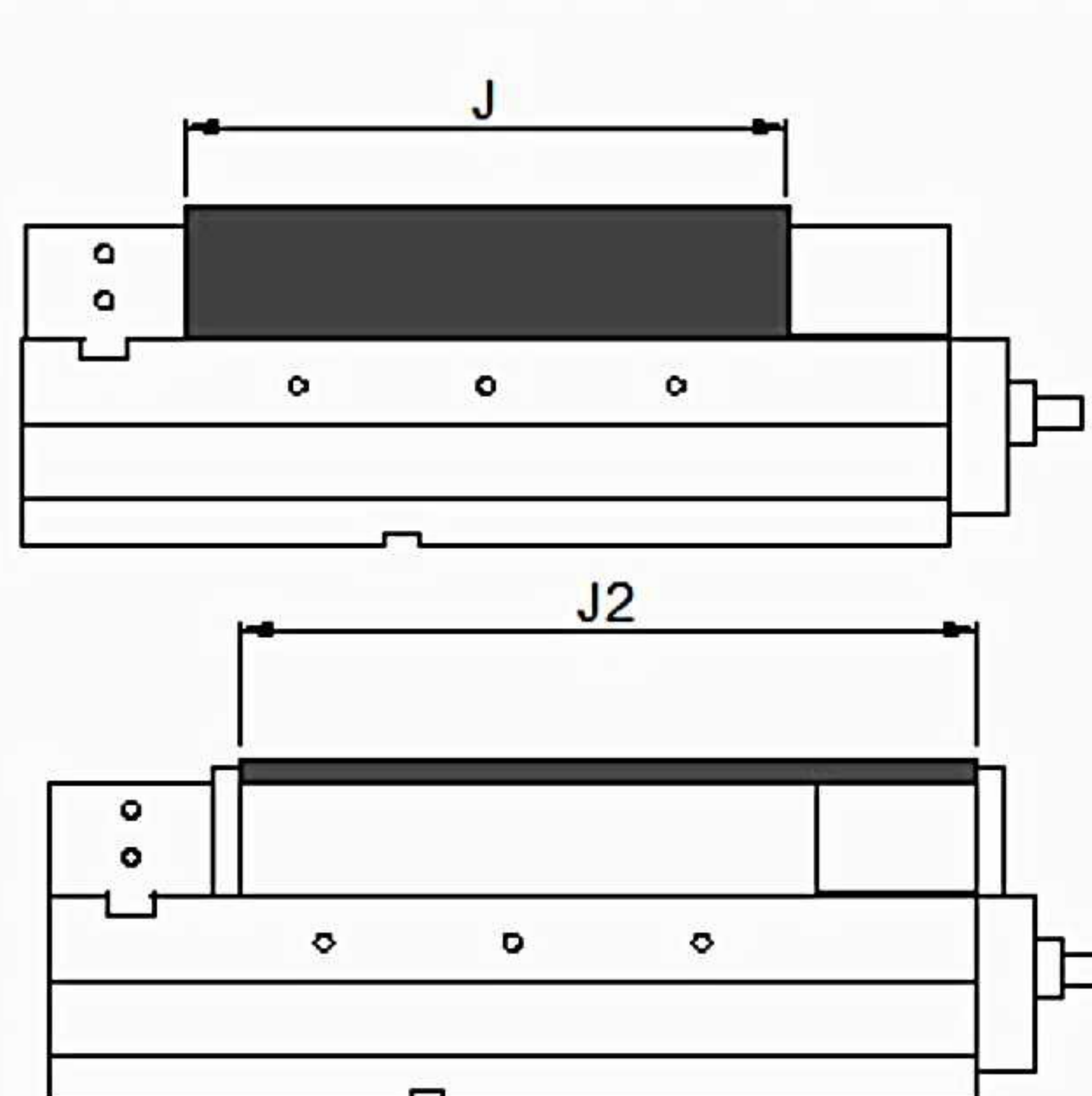
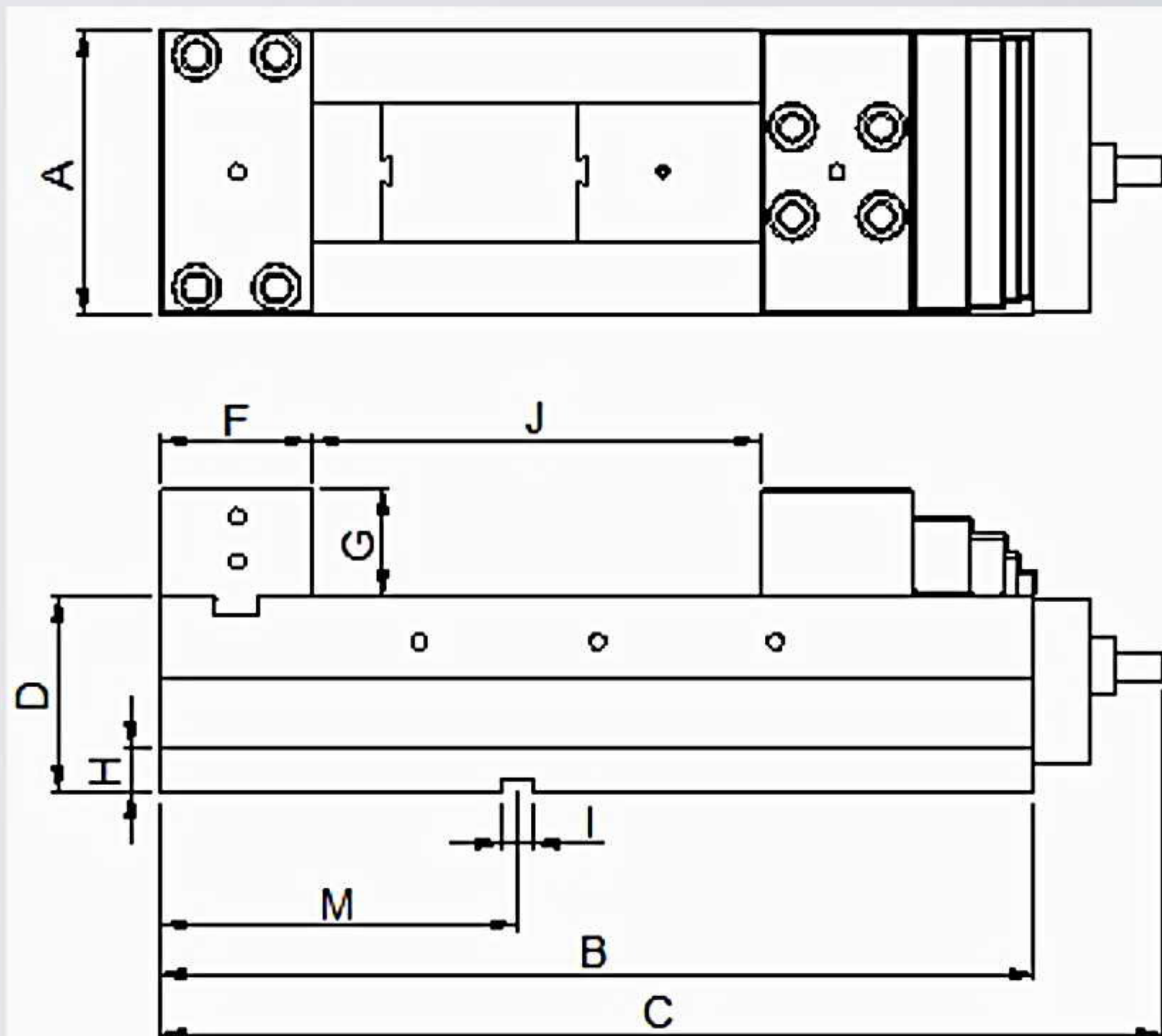
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## CNC PRECISION MACHINE VISE MFV



Four clamping ways for choice



MODEL	A	B	C	D	F	G	H	I	M	J	J <sub>1</sub>	J <sub>2</sub>	J <sub>3</sub>	Weight (Kg)
MFV -100	100	310	400	85	75	50	25	18	110	150	210	210	300	29
MFV -130	130	410	500	100	80	55	25	18	135	240	300	300	400	44
MFV -160	160	490	580	110	85	60	25	18	200	300	380	380	480	63
MFV-160L	160	550	640	110	85	60	25	18	200	360	440	440	540	68
MFV -200	200	530	620	110	85	60	25	18	220	350	420	420	520	85

**Standard Accessories : Ratchet Handle x1pc / Guide Key x2 pcs / Screw M6x12L x2 pcs / Locked Block x4 pcs**

- Machine vise is processed and ground with precision in various ways, suitable for precision machining in vertical/horizontal integrated milling and cutting machine centers.
- The main body of the vise is made of high ductility nodular cast iron (FCD600) with integrated molding design. The sliding surfaces undergo harden heat treatment (HRC50°) to ensure high precision, high wear resistance, and high tensile strength.
- Both fixed block and sliding block are made of steel and heat treatment to a hardness of over HRC50°, providing high hardness and wear resistance. Users can add or replace different sizes of jaw plates according to machining requirements.
- This machine vise can be used in four different clamping modes.
- This machine vise features a chipsproof design, which prevents iron chips from entering the interior of the vise, thus extending its lifespan.
- The height (D) of the vise is fixed, allowing for multiple units to be used in parallel.



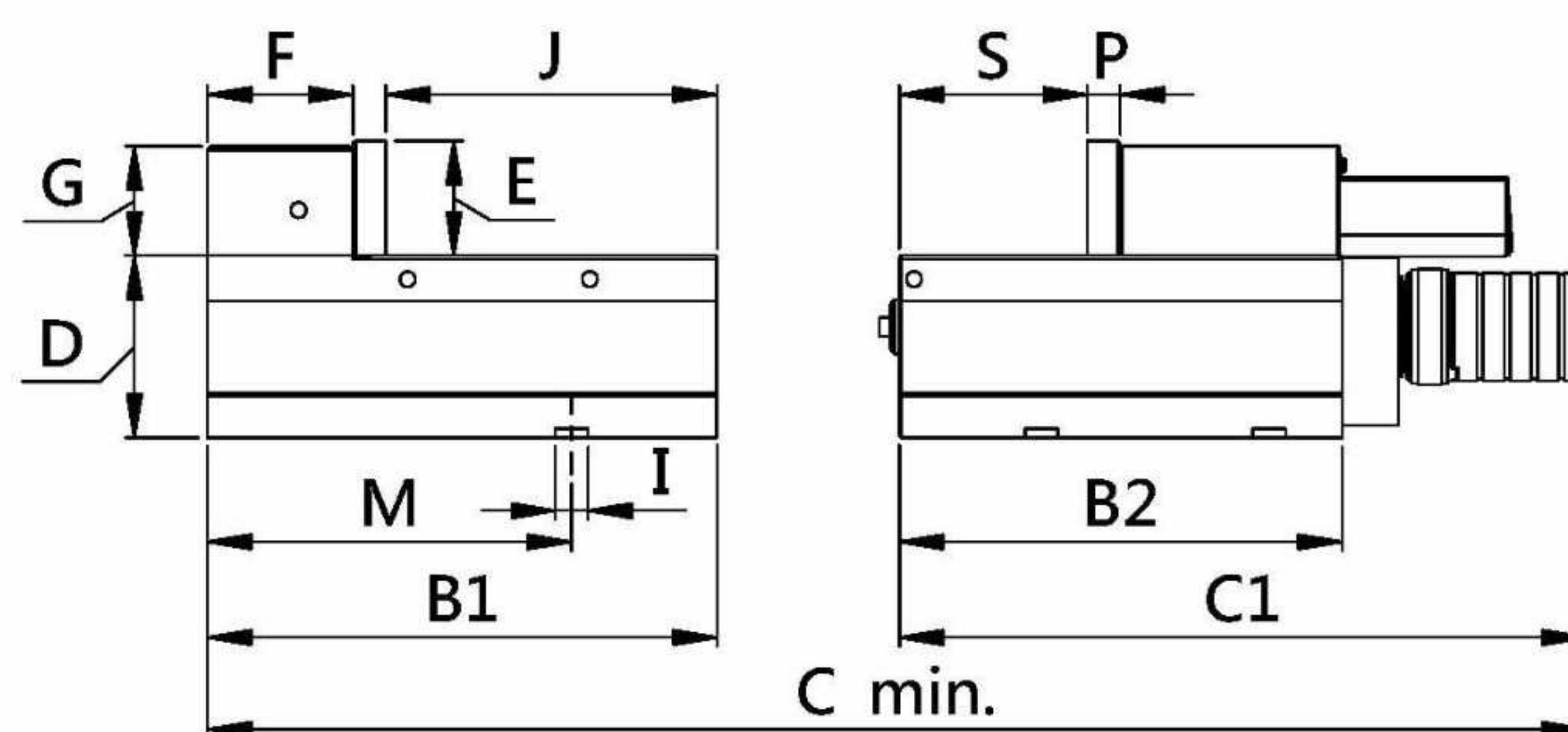
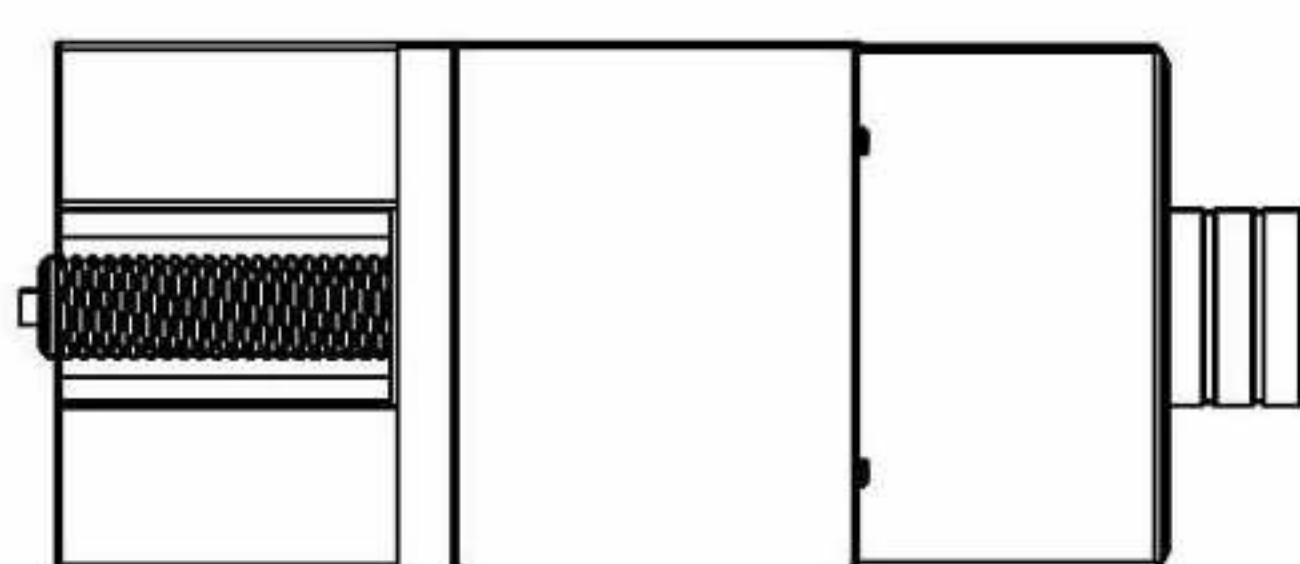
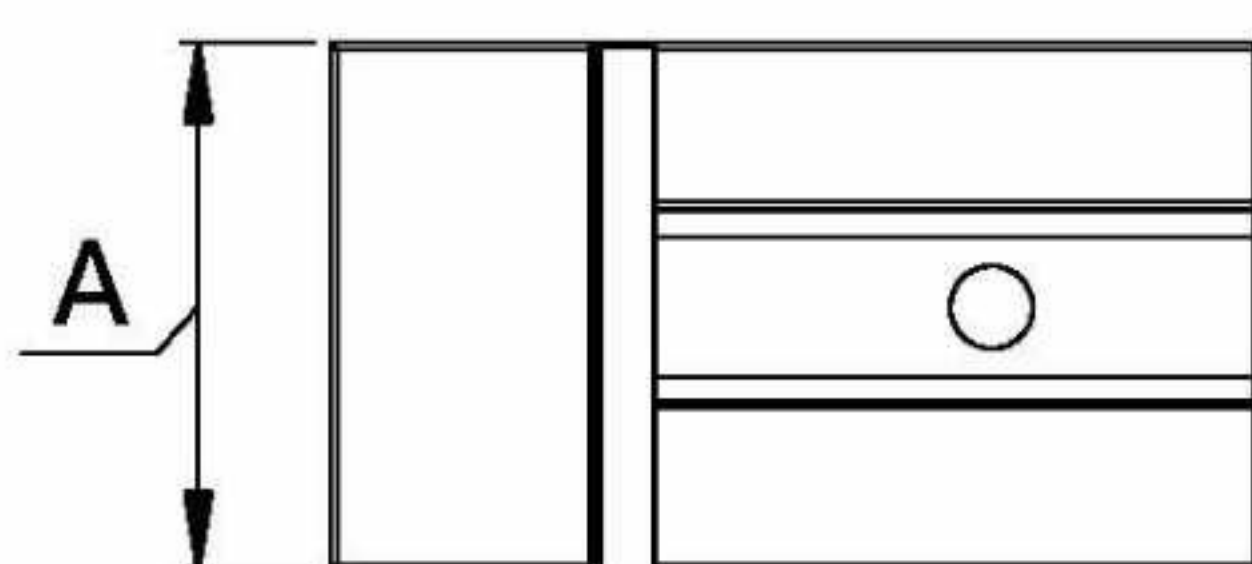


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## MC POWER MACHINE VISE EXTENDABLE Mechanical Type MPPV-D



MODEL	A	B1	B2	C	C1	D	E	F	G	H	I	J	M	P	S	Clamping Force ( kgf )	Weight ( Kg )
MPPV-100D	100	173	200	510	335	85	53	60	50	25	18	98	110	15	80	3500	27
MPPV-130D	130	228	220	585	355	100	58	75	55	25	18	138	160	15	90	4500	43
MPPV-160D	160	280	243	660	378	110	63	80	60	25	18	182	200	18	100	5000	61
MPPV-200D	200	324	269	720	404	110	63	95	60	25	18	211	220	18	120	5500	83

**Standard Accessories : Ratchet Handle x1pc / Guide Key x2 pcs / Screw M6x12L x2 pcs / Locked Block x4 pcs**

- This machine vise undergoes precision machining and grinding processes, it can be adjusted the clamping length according to the length of the workpiece being machined.
- The main body of the vise is made of high ductility nodular cast iron (FCD600) with integrated molding design. The sliding surfaces undergo harden heat treatment (HRC50°) to ensure high precision, high wear resistance, and high tensile strength.
- The hardness of the jaw plates after heat treatment is HRC55°.
- The semi-spherical ball can generate angular locking force, which can eliminate workpiece lifting.
- Unique mechanical pressurization mechanism design (patented design), featuring rapid pressurization and high clamping force (max to 5500kgf).
- The height (D) of the vise is fixed, allowing for multiple units to be used in parallel.

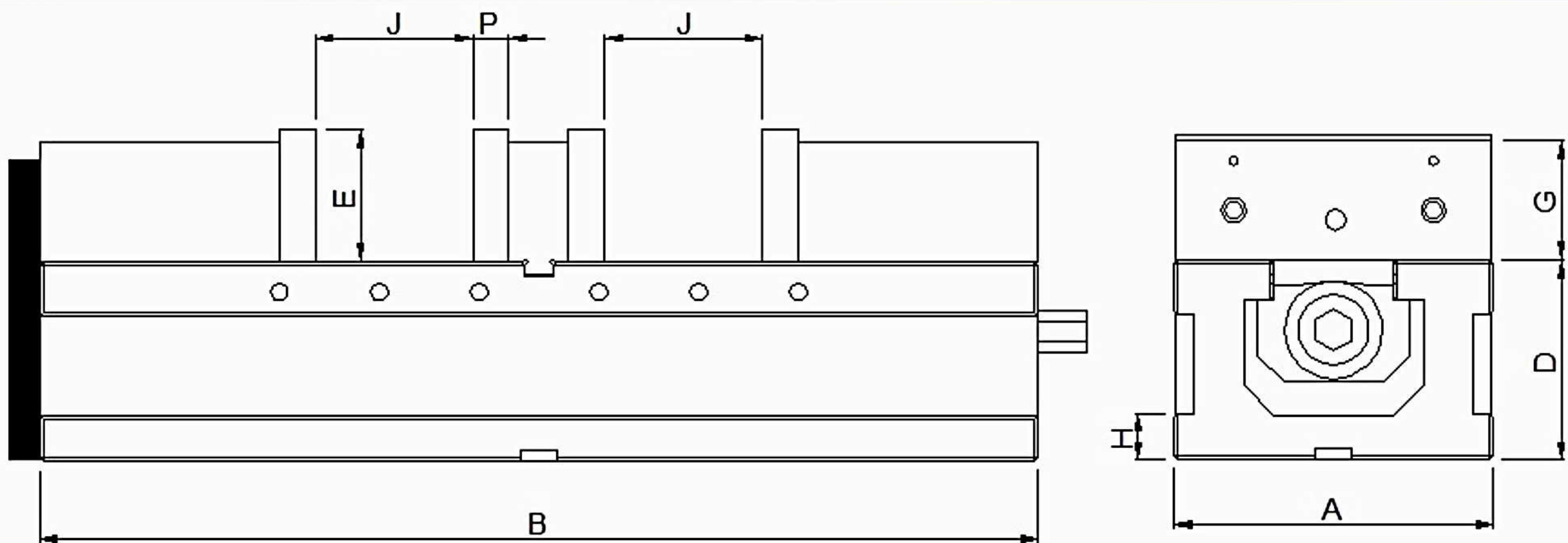




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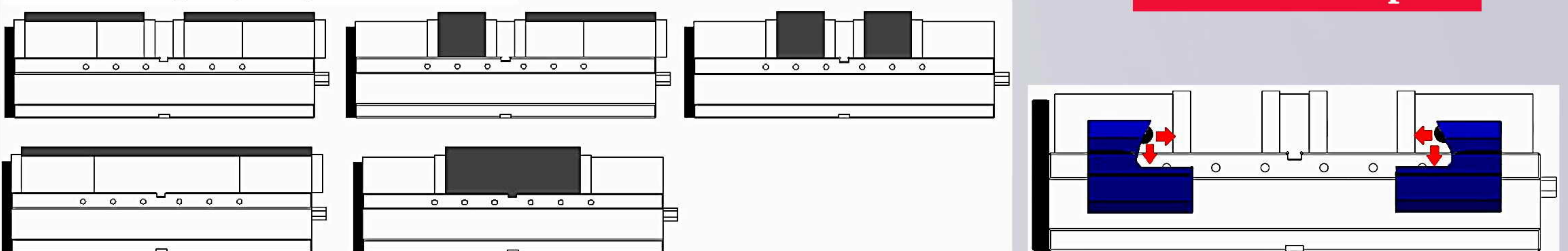
## MC DOUBLE LOCK & ANGLOCK MACHINE VISE DPV



MODEL	A	B	D	E	G	H	P	J	Weight (Kg)
DPV-100	100	400	85	53	50	25	15	50	27
DPV-160	160	500	100	63	60	23	18	70	64

**Standard Accessories :**  
 Ratchet Handle x1pc  
 / Guide Key x2 pcs /  
 Screw M6x10L x2 pcs /  
 Locked Block x4 pcs

### Five clamping ways for choice



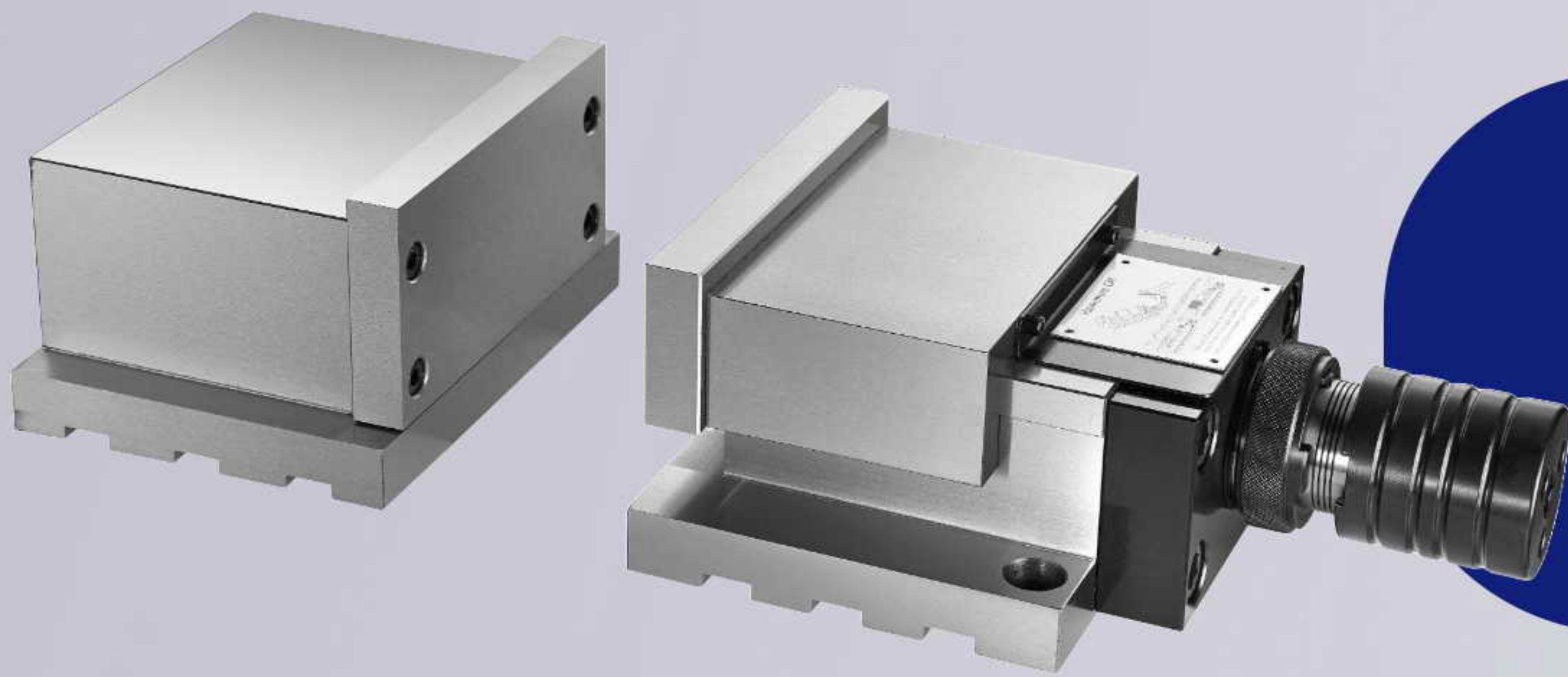
- Dual clamping mechanism, one side can be freely adjusted within the opening range, allowing simultaneous machining of two different-sized workpieces.
- When machining larger workpieces where the original opening is insufficient for clamping, the middle jaw can be removed to increase the clamping distance.
- The main body of the vise is made of high ductility nodular cast iron (FCD600) with integrated molding design. The sliding surfaces undergo harden heat treatment (HRC50°) to ensure high precision, high wear resistance, and high tensile strength.
- The semi-spherical ball can generate angular locking force, which can eliminate workpiece lifting.
- This machine vise can be used in five different clamping modes.
- This machine vise features a chipsproof design, which prevents iron chips from entering the interior of the vise and easy discharge of chips, thus extending its lifespan.



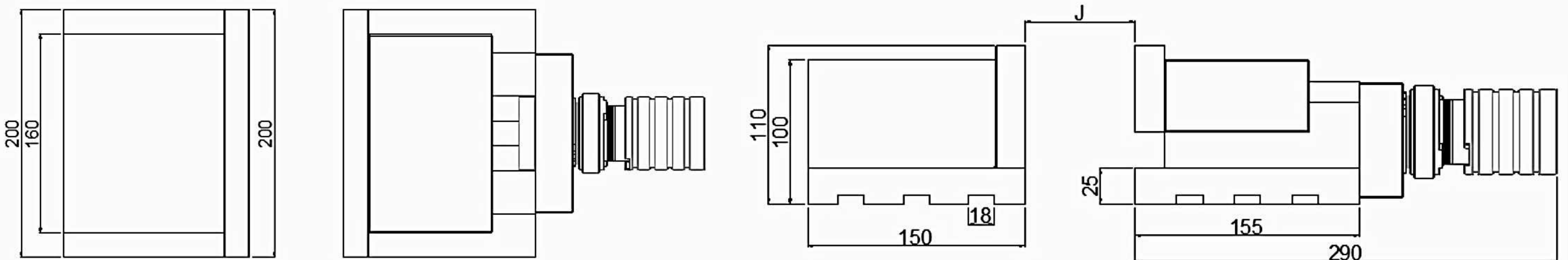


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## SEPARATE PRECISION MACHINE VISE SPPV-160



MODEL	J	Clamping Force (kgf)	Stroke (mm)
SPPV-160	To follow the work adjustment opening	3500	30

**Standard Accessories :**  
Ratchet Handle x1pc  
/ Guide Key x2 pcs /  
Screw M6x12L x2 pcs /  
Locked Block x8 pcs

- The workpiece can be placed directly on the worktable, which enhances the stability of the machining process.
- Clamping large workpieces, or adjusting the clamping position based on the size of the workpiece, with a clamping distance range from 0 to infinity.
- The semi-spherical ball can generate angular locking force, which can eliminate workpiece lifting.
- The biggest difference compared to other separable type of machine vise is the ability to place the workpiece directly on the worktable, increasing clamping stability.
- The main body of the vise is made of high ductility nodular cast iron (FCD600) with integrated molding design. The sliding surfaces undergo harden heat treatment (HRC50°) to ensure high precision, high wear resistance, and high tensile strength.
- The hardness of the jaw plates after heat treatment is HRC55°

