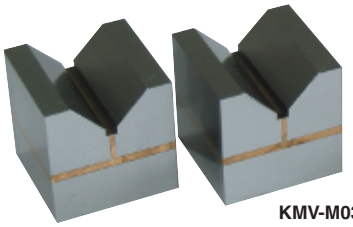
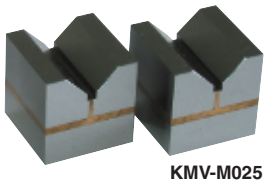
## Model KMV-M PERMANENT MAGNETIC MINI V-BLOCK


KMV-M032


KMV-M025


(Bottom face)

[Application]
These blocks are used to hold small-diameter round bars on optical measuring equipment. (Non-watertight type)
[Features]
●One set consists of two blocks. The attractive faces and other work faces have been finished precisely. The blocks can be turned ON and OFF by 90° turning using a screwdriver on the bottom face.

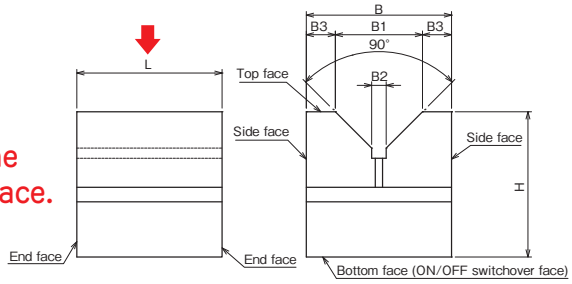
### KMV-M accuracy

(μm)

| Item | Model・Accuracy | KMV-M020 | KMV-M025 | KMV-M032 |
|---|---|---|---|---|
| Parallelism | Bottom face to top face | 10 | 10 | 10 |
| | Bottom face to V face | | | |
| | Side face to side face | | | |
| | Side face to V face | | | |
| | End face to end face | | | |
| Flatness of bottom face | | 5 | 5 | 5 |
| Squareness | Bottom face to side face | 21 | 21 | 21 |
| | Bottom face to end face | | | |
| | End face to V face | | | |
| Difference in height between V face and top face of one set of blocks | | 7 | 7 | 7 |

※If you require higher accuracy, please contact us.

▲ indicates the attractive face.

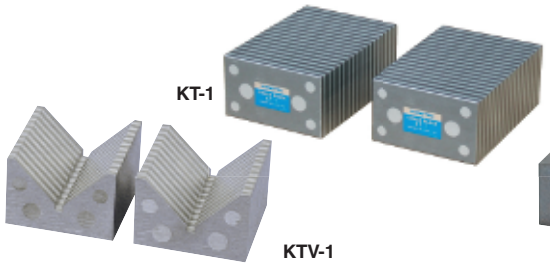



[mm(in)]

| Model | Holding Power | Applicable Diameter | Dimensions B | $B_1$ | $B_2$ | $B_3$ | H | L | Mass |
|---|---|---|---|---|---|---|---|---|---|
| KMV-M020 | 9.8N(1kgf) | φ15(0.59) | 20(0.78) | 12(0.47) | 2.0(0.07) | 4(0.15) | 20(0.78) | 20(0.78) | 0.06kg/0.13 lb×2 |
| KMV-M025 | 19.6N(2kgf) | φ20(0.78) | 25(0.98) | 15(0.59) | 2.5(0.09) | 5(0.19) | 25(0.98) | 25(0.98) | 0.13kg/0.28 lb×2 |
| KMV-M032 | 49 N(5kgf) | φ25(0.98) | 32(1.25) | 20(0.78) | 3.0(0.11) | 6(0.23) | 32(1.25) | 32(1.25) | 0.24kg/0.53 lb×2 |

※The holding power is based on φ10 round steel bar. ■The dimensional accuracy of KMV-M is based on KANETEC in-house standards. If you require higher accuracy, please contact us.

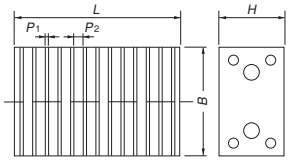
## Model KT·KTV CHUCK BLOCK


KT-1

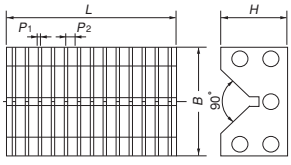
KTV-1


KT-4

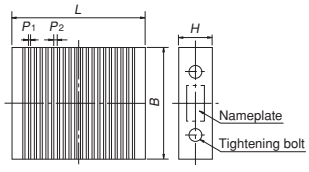
〈KT-1〉




〈KTV-1〉

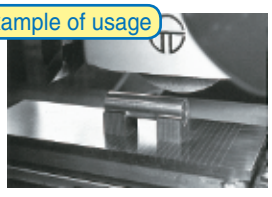


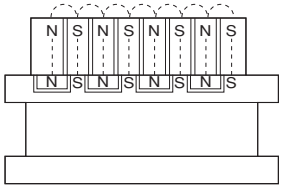

〈KT-2、3、4〉




[Application]
These blocks are used in combination with a magnetic chuck as an auxiliary tool to hold round bars and sheet-like workpieces that are difficult to hold on the work face alone.
[Features]
●Since these blocks are not magnetized themselves, they are placed on a magnetic chuck to induce magnetism to hold workpieces. Magnetism can be induced on two faces of the top face and side face or the V face and side face.
●Workpieces of special shapes can also be held by use of chuck blocks, thus making it possible to utilize your chucks in stock.
●One set of two blocks has been finished together. (KT-3 and -4 are available individually.)

An example of usage





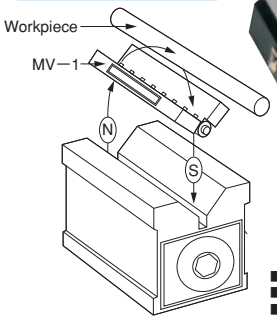

[mm(in)]

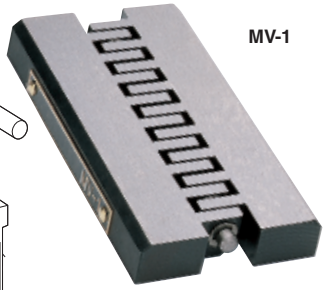
| Model | Dimensions B | L | H | Pole Pitch $P_1$ | $P_2$ | Mass |
|---|---|---|---|---|---|---|
| KT-1 | 70(2.75) | 100(3.93) | 41(1.61) | 3.2(0.12) | 3.2(0.12) | 2.0kg/4.4 lb×2 |
| KT-2 | 45(1.77) | 72(2.83) | 22(0.86) | 3(0.11) | | 0.37kg/0.8 lb×2 |
| KT-3 | 125(4.92) | 150(5.90) | 38(1.49) | | 4.5(0.17) | 5.4kg/12 lb |
| KT-4 | | 304(11.9) | | 2(0.07) | | 11.7kg/25 lb |
| KTV-1 | 60(2.36) | 65(2.55) | 40(1.57) | 3(0.11) | 3.2(0.12) | 0.78kg/1.7 lb×2 |

※KTV-1 applicable diameter: φ10–φ70 mm ※If you require additional working on the blocks, please contact us.

## Model MV MINI V-ADAPTER

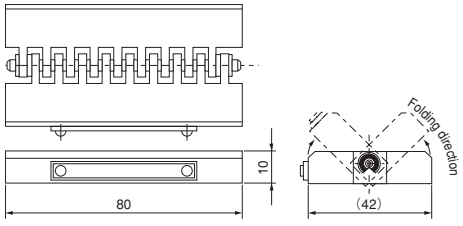
An example of usage





MV-1

■Model:MV-1
■Dimensions:80(3.14)×(42)(1.65)×10(0.39) mm(in)
■Mass:250 g/ 0.55 lb ■Parallelism:0.006 ■Hardened

[Application]
This adapter itself is not magnetic, but when it is placed on a V-holder having the N pole and S pole on separate sides like Model KVA, it induces magnetism to hold small diameter workpieces that cannot be physically mounted directly. (See the figure below.) This adapter is recommended for holding workpieces during grinding, drilling and measurement.




[Features]
●The attractive face can be set to any angle between 90 and 180 degrees.
●The hinge part acts as a separator to divide magnetic poles.