

Parallel Blocks

Rectangular Block(Cast Iron)

Instruction Manual

To ensure correct use, please read this instruction manual carefully before use. After reading, keep it in a safe place where the user can always refer to it.



OBISHI KEIKI SEISAKUSHO Co., Ltd.

Safety Precautions

- ※Before use, please read this instruction manual carefully and use the product correctly.
- ※The precautions shown here are intended to ensure the safe and proper use of the product and to prevent any potential hazards to the user.
- ※The precautions are categorized into three levels — **Danger, Warning, and Caution** — to clearly indicate the severity and urgency of potential harm or damage that may occur if the product is mishandled.

For Safe and Proper Use		
This instruction manual includes various symbols and pictograms throughout the text to ensure correct use of the product and to prevent harm or damage to the user. The symbols and their meanings are as follows. ● Please read the text after fully understanding the symbols and their meanings. ● After reading, be sure to keep this manual in a place where anyone using the product can easily refer to it at any time. ● All of these are safety-related instructions, so please be sure to follow them.		
	Danger	This indicates situations where incorrect handling could result in imminent risk of death or serious injury.
	Warning	This indicates situations where incorrect handling could potentially result in death or serious injury.
	Caution	This indicates situations where incorrect handling may result in injury to persons or only property damage.
Examples of symbols		The △ symbol indicates the presence of danger, warning, or caution messages, with specific precautions described within the figure. (The left figure is used to indicate general danger, warning, or caution without specifying details.)
		The ○ symbol indicates prohibited actions, with specific precautions described within or below the figure. (The figure on the left is used for general prohibition notices without specifying particular actions.)
		The ● symbol indicates mandatory actions, with specific instructions detailed within the figure. (The figure on the left is used for general mandatory actions or instructions without specifying details.)

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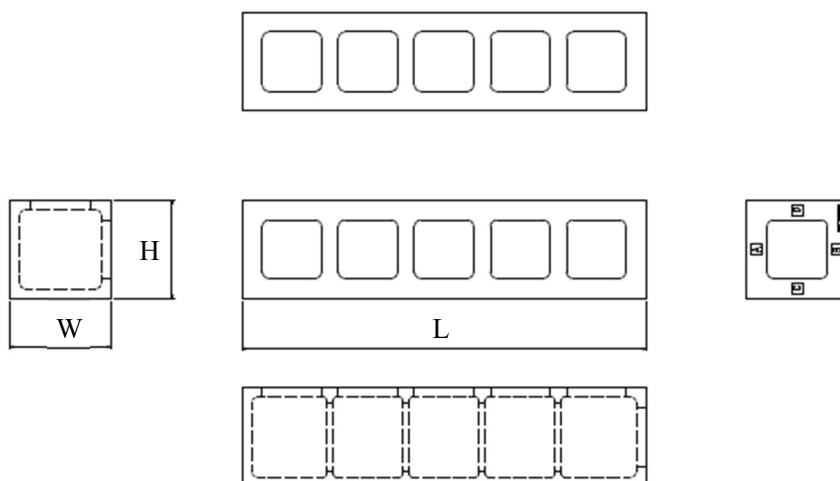
1. Product Features

- All six faces are precisely finished, with the parallelism of each face ensured.
- Dimensional accuracy is finished within 0.05 mm on all faces.
- They are highly convenient for use as a measuring table, a height block, and a precision marking-off table.

※It is possible to manufacture multiple units as a set upon request.

※Stone-type products are also manufactured.

2. External View



3. Specifications

Code No.	Nominal	Size (L×H×W mm)	Size Tolerance (mm)	Parallelism (μ m)	Mass (kg)
KA101	150	150×100×100	±0.05	8	6.5
KA102	300	300×100×100		10	10.0
KA103	600	600×150×150		10	32.0
KA104	1000	1000 ×200×200		20	73.5

4. Precautions for Use

- ① Before use, please clean the measuring face and the measurement surface of the workpiece.
- ② When using or storing this instrument, handle it carefully to avoid impact or shock.
- ③ Allow the instrument to acclimate to the ambient temperature before use.
- ④ Do not use or store the instrument in places with drastic temperature changes.
- ⑤ After use, always apply rust prevention treatment and store the instrument in its storage case.
- ⑥ In the following cases, please check for any abnormalities in the instrument before use.
 - When the instrument has been dropped.
 - When an object has been dropped onto the instrument.
- ⑦ If there are any scratches or damage, repair and inspection are recommended. Minor scratches on the measuring surface should be locally removed using an Arkansas stone or similar before use.
- ⑧ Check the accuracy regularly and use the product.
- △ ⑨ If the product has sharp parts, please handle it carefully to avoid injuring your fingers or other parts of your body.
- △ ⑩ For heavy products, ensure that two or more people handle placement and other operations, taking care to avoid injury.
- ⑪ Use cloth or nylon sleeves for lifting. Using hard materials such as metal chains or wires may cause scratches or cracks on the product and pose a risk of injury to the operator.
- ⑫ Wear protective gloves and safety glasses as necessary to prevent injury while working.
- △ ⑬ Do not use this product if it is damaged or deteriorated, as it may cause injury or accidents.
- △ ⑭ If an injury occurs, provide first aid immediately and consult a physician if necessary.

Contact Information

JIS Certified Factory



OBISHI KEIKI SEISAKUSHO Co., Ltd.

Head Office: 1-1216-1 Nanyo, Nagaoka City, Niigata 940-1164

TEL: (0258)22-1100 FAX: (0258)22-0014

Tokyo Office: 3-5, Kanda Surugadai, Chiyoda-ku, Tokyo 101-0062

TEL: (03)3293-8881 FAX: (03)3293-8884

Nagoya Office: 2F Nichiju Bldg., 3-15 Oimachi, Naka-ku, Nagoya City, Aichi 460-0015

TEL: (052)322-4031 FAX: (052)322-5647



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Head Office and Factory

ISO9001
JQA-QMA11294

Design, development, manufacturing, and calibration services for precision measuring instruments (levels, surface plates, straight edges, reference measuring instruments, square rulers, blocks, dial gauge stands, comparators, angle measuring instruments, bench centers, squareness measuring instruments).