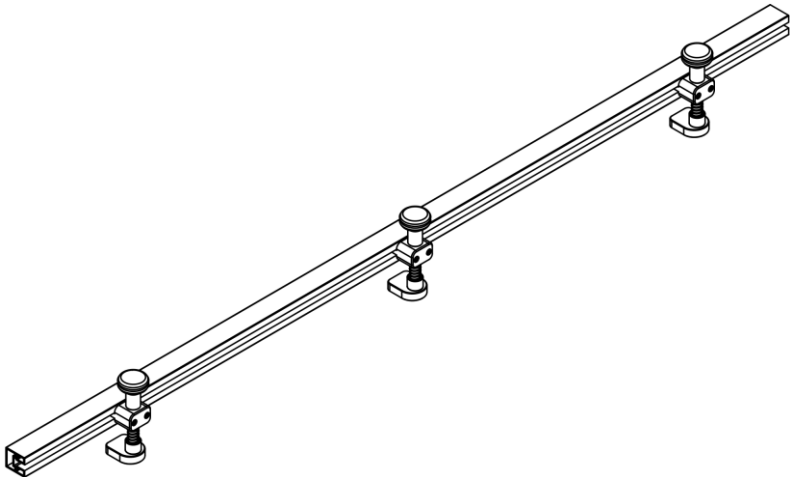




ABACO MACHINES

OPERATION MANUAL
SINK HOLE SAVER EDGE
(SHSE6)



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**APPLICABLE MODEL
of this SINK HOLE SAVER EDGE:
SHSE6**

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General Safety Operation Manual Instructions Summary:

It is essential to review carefully and understand this Operation Manual before operating the equipment. Failing to read and understand this entire manual may cause injury or death to personnel, or damage to the equipment and the products that are being handled by this equipment if not properly followed.

This safety summary includes general safety precautions and instructions that must be understood and applied before, during, and after operations, as well as maintenance to ensure personnel safety and protection of this equipment. Prior to performing any task, the contents included in this manual should be reviewed and fully understood.

This manual explains some essential operating or maintenance procedures, practices, conditions, statements, etc. that if those are not strictly followed, it could result in injury, or death by chance in the worst case. And there might be some chances of damaging or destructing materials or machine component itself. In order to avoid or eradicate such worst coincidences and happenings, it is essential to read through this manual and follow accordingly. It is also important to comprehend the functions of this equipment thoroughly for your safe and efficient operations.

For any question, please contact your local dealer or distributor.

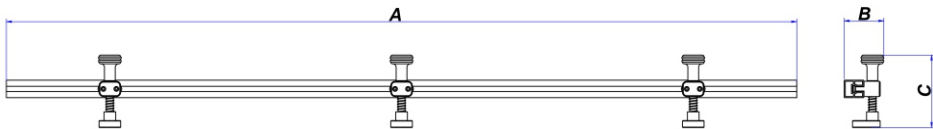
I. OVERVIEW:

- Sink Hole Saver Edge (SHSE6) is designed to reinforce the front and rear of the cutout, areas prone to cracking or breaking during processing, handling, and installation.
- The rubber ring on the adjustment mechanism prevents damage to the stone slab.
- Compact design, easy to pack and transport.

II. TECHNICAL SPECIFICATIONS:

- Tools for Reinforcement Bar for Sink Mounting Holes are mainly made of aluminum.
- It consists of two main parts: an aluminum bar and an adjustment mechanism.

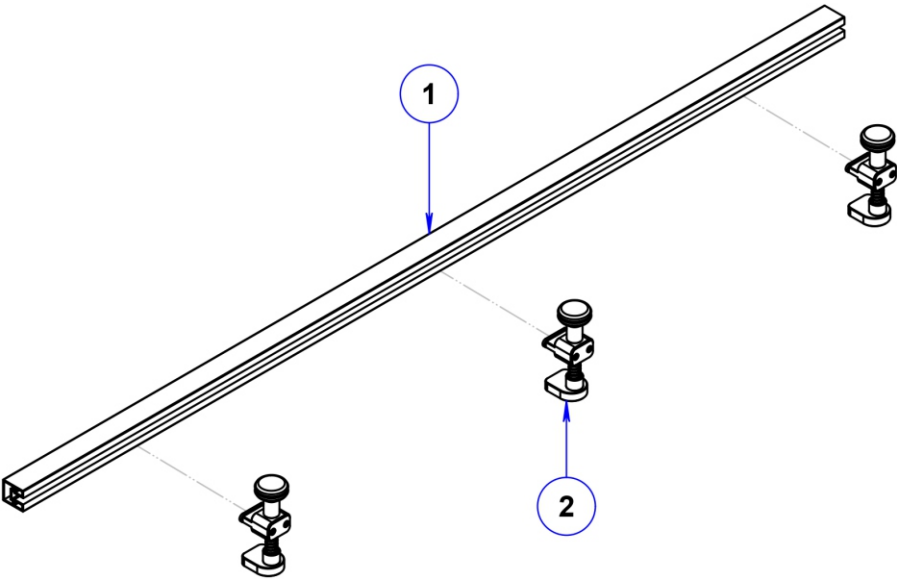
Specifications:



Length (A) inches (mm)	Width (B) inches (mm)	Height (C) inches (mm)
72 1/16 (1829)	3 11/16 (94)	5 3/16 - 6 9/16 (131 - 166)

III. ASSEMBLY BILL OF MATERIALS:

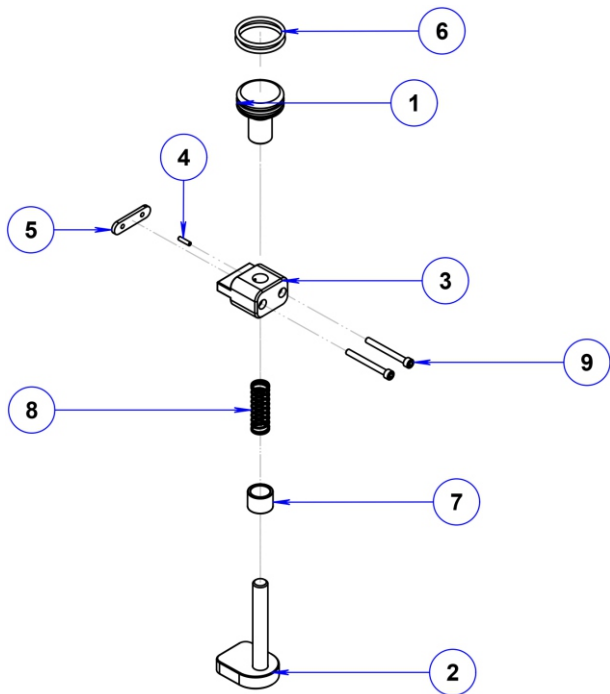
III.1. Overall list:



PART LIST

DETAIL NAME	MSCT	SL
Aluminum bar	SHSE6-01	1
Adjustment assembly	SHSE6-02	3

III.2. Adjustment assembly (SHSE6-02):



PART LIST

DETAIL NAME	MSCT	SL
Hand knob	SHSE6-02.1	1
Welded assembly 1	SHSE6-02.2	1
Top bracket	SHSE6-02.3	1
Socket set screw M4 x 15	SHSE6-02.4	1
T bracket	SHSE6-02.5	1
Sine ring	SHSE6-02.6	2
Rubber ring	SHSE6-02.7	1
Spring	SHSE6-02.8	1
Hexagon socket head cap screw M6 x 58	SHSE6-02.9	2

IV. INSTRUCTIONS FOR USE:

IV.1. Important requirements to note:

a. Before use:

- Inspect the aluminum bar and adjustment mechanism to ensure there is no damage or warping.
- Clean the contact area of the stone material slab.
- Ensure that all bolts and nuts are securely tightened.
- Use appropriate personal protective equipment to avoid injuries, etc.

b. During use:

- Ensure that the knobs are securely locked.
- Follow the steps and instructions in the manual.
- Strictly and fully comply with all workplace safety regulations.

c. After use:

- Keep clean and store neatly when not in use.
- Store in a cool, dry place, away from moisture or high temperatures.

IV.2. Using the equipment:

Step 1: Place the material sheet on the table (Figure 1.1).

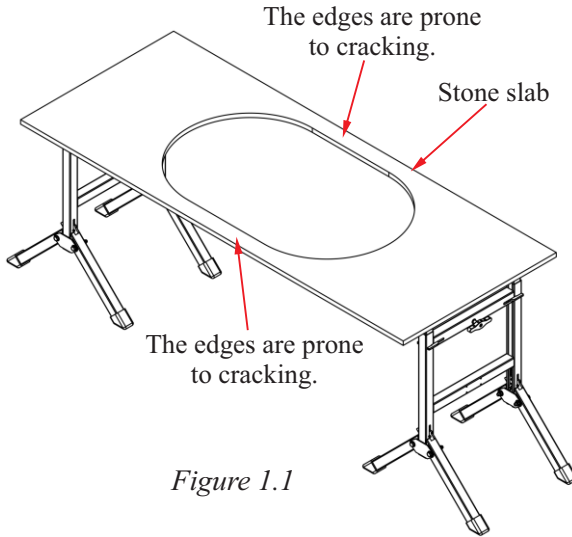


Figure 1.1

Step 2: Attach the aluminum bar and adjustment assembly to the edge of the stone slab.

- Place the aluminum bar on the surface of the stone slab so that the aluminum side is in contact with the stone slab surface (Figure 2.1). Then turn the adjustment knob on the adjustment assembly to clamp it tightly to the stone slab surface (Figure 2.2).

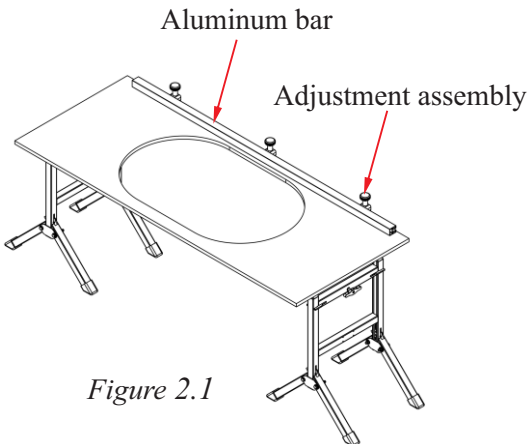


Figure 2.1

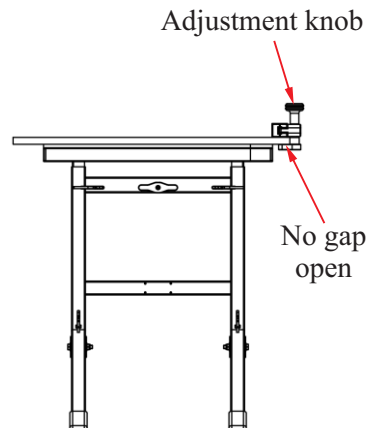


Figure 2.2

Note:

- When transporting stone slabs, clamp them at both edges that are prone to cracking and use appropriate stone handling tools (Figure 3.1).

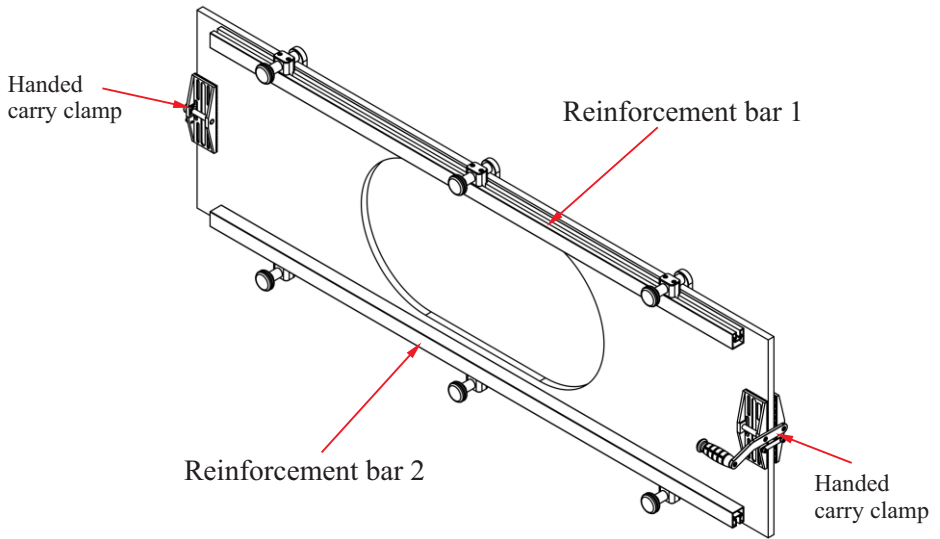


Figure 3.1

V. TECHNICAL ERRORS AND HOW TO FIX THEM:

Technical fault	Causes:	Solution
Theknobs are stiff or loose.	Dirt, rust, or damaged threads on the knob.knob.	Clean, lubricate, or replace the knob with a new one.

VI. MAINTENANCE AND REPAIR

- Develop a schedule for regular maintenance of threaded rods and knobs.
- Always keep spare parts on hand for maintenance or repairs when needed.
- Inspect and tighten nuts and bolts periodically.
- Store in a cool, dry place away from moisture, mold, and high temperatures.

VII. WARRANTY:

At the time of delivery, it is necessary to inspect the **Sink Hole Saver Edge (SHSE6)** to make sure that it has not been damaged during shipment. The product at the time of dispatch is warranted to be free from defects in material or workmanship.

Claims for errors, shortages, defects, or nonconformities ascertainable upon inspection must be made in writing within eight business days from the date of product delivery. Claims not made as provided above and within the applicable time period will be barred. And no other claims will be considered.

We provide a one (1) year warranty on the **Sink Hole Saver Edge (SHSE6)** from the date of purchase.

During warranty period, we will provide the replacement parts at no charge (*Please note: shipping and handling fees may apply*).

Warranty coverage is void if:

- The operator failed to comply with the instructions in the manual.
- The specifications were not followed.
- Damage was due to inadequate maintenance and inspections.
- Damage was due to improper storage and/or usage.
- Modification and repairs made to the equipment were performed by the user/operator without the manufacture's knowledge and agreement.
- Aftermarket or none genuine spare parts were used for repair installation.
- Modification and repair installations were conducted by uncertified individual.

Warning: In case of technical problems, customers should stop using the product immediately, contact the Sales Department right away, report the incident and provide complete information. Do not attempt to open the product, repair it, or alter its structure.

WARRANTY CERTIFICATE

You are kindly requested to read the following carefully.

PERIOD

The warranty starts from the date of purchase (date on distributors invoice).

Warranty is valid for a period of twelve (12) months.

WARRANTY

This warranty is limited only to provide replacements of the parts recognized by the Company as defective (excluding worn-outs and consumables.)

The Company is not responsible for any misuse or abuse of the product after purchase and/or caused by negligence from the content of this manual.

In an event of equipment failure to operate the machine and/or requiring technical support, operator/user is requested to contact with our Customer Support Department. Our member will inform you (operator/user) of the appropriate procedures accordingly and how to file warranty claim and advise you to your nearest approved service center.

EXCLUSIONS

Warranty does not apply for damages or failures caused by:

Misuses, errors in transportation, incorrect handling or failing to maintain the equipment appropriately.

Use of non-genuine parts/accessories, or of incorrect specifications.

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