



# Gude GUS 650 Multi-Task Sharpener Instruction Manual

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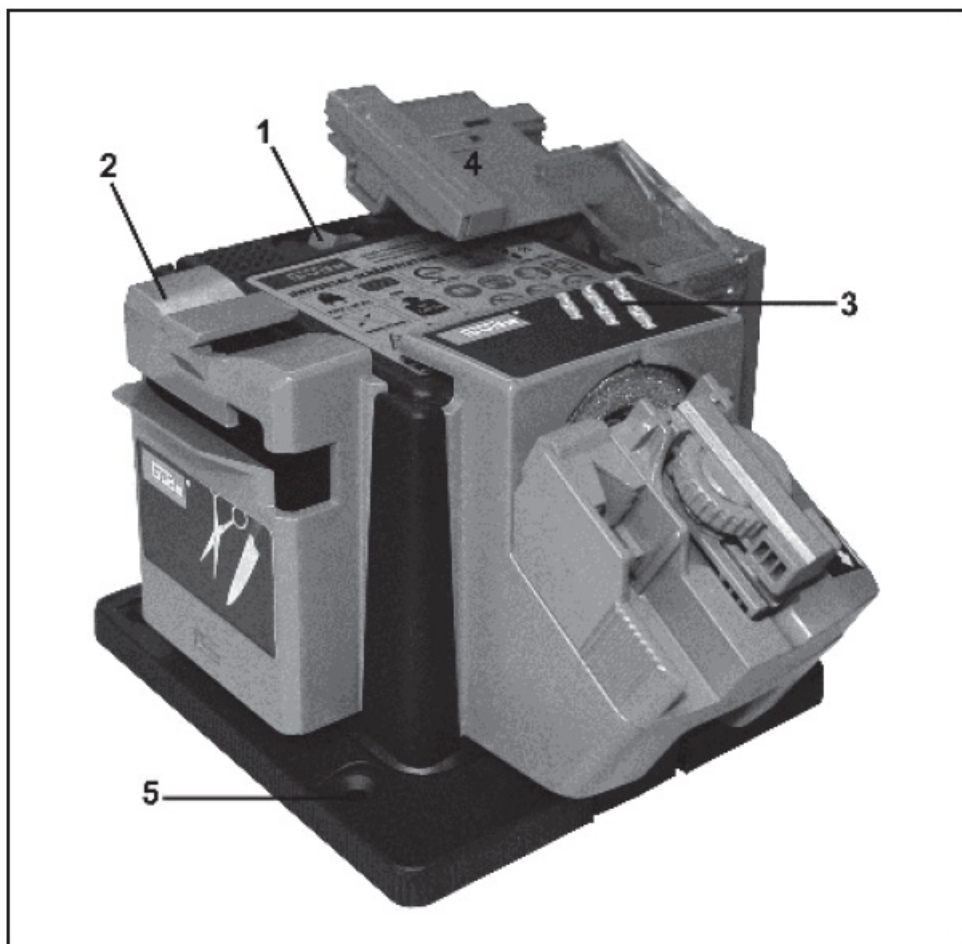
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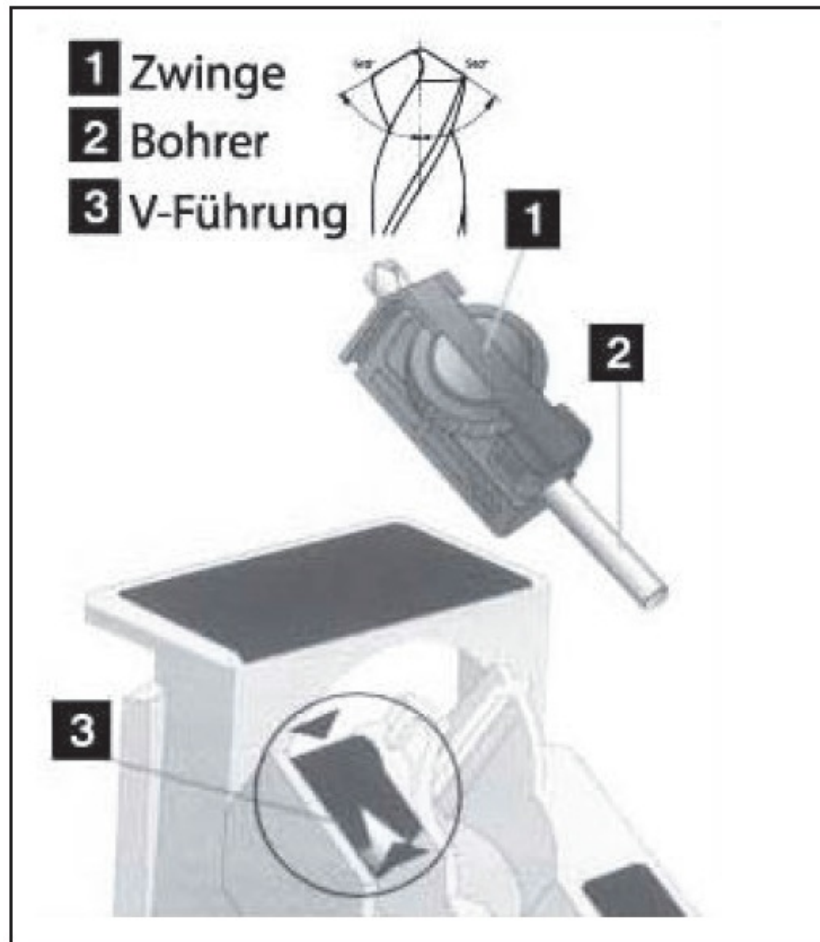
## Overview



**Pic. 1**

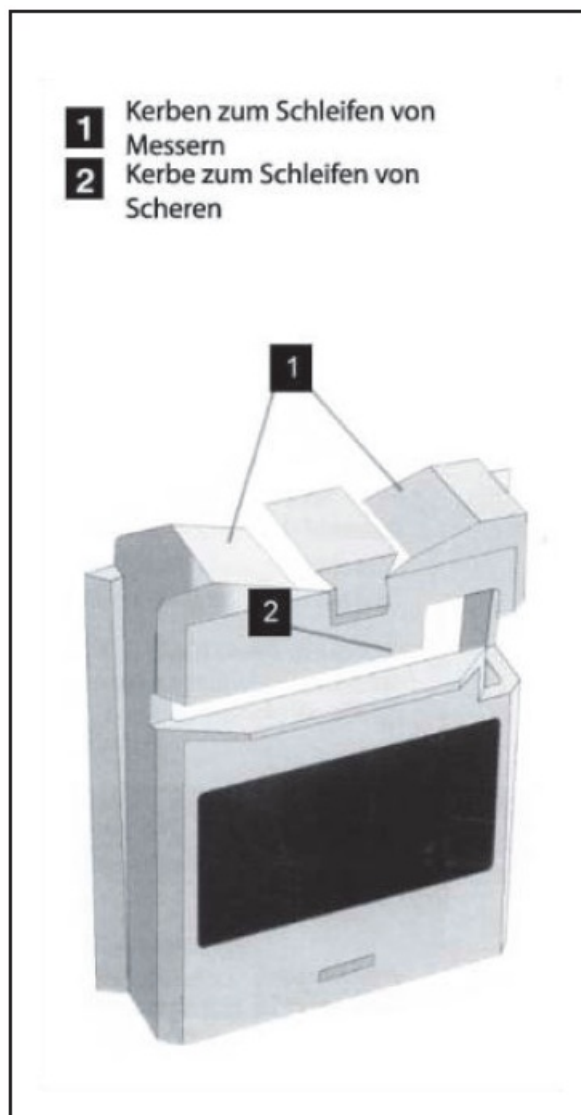
1. Vice

- 2. Drill
- 3. V-guide



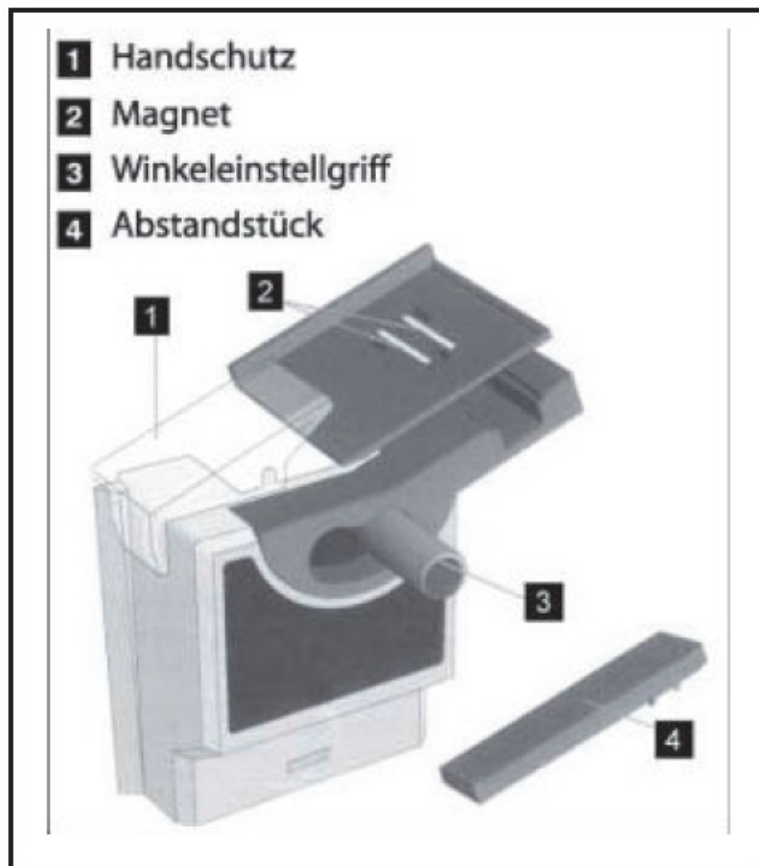
**Pic. 2**

- 1. Knife sharpening notches
- 2. Scissor sharpening notch



**Pic. 3**

1. Hand protection
2. Magnet
3. Angle adjusting handle
4. Distance piece



## Introduction

To enjoy your new multi-purpose sharpener as long as possible, we kindly request you to carefully read the Operating Instructions and the attached safety instructions before putting the appliance into operation. Further, we recommend keeping the Operating Instructions in case you have any doubts about the multi-sharpening features at any time later. We reserve the right to make technical changes to improve the product in its further continuous development. This document includes the original Operating Instructions.

## Parts of the multi-purpose sharpener

1. On/off
2. Knife and scissor sharpening adapter
3. HSS drill sharpening adapter
4. Plane and chisel blade sharpening adapter
5. Mounting holes

## Technical specifications

- Voltage/frequency: 230V~50 Hz
- Engine power: 65 W (P1 S3 15%)
- Revolutions: 6,700 a min-1
- Grinding disk diameter: 48mm
- Max. drill diameter: 10mm
- Min. drill diameter: 3mm
- Knife width: 6mm-51mm
- Protection class: II

- Noise: LWA 90 dB (A) LPA 80 dB (A)
- Weight: 1,53kg

## **General safety instructions**

When using electric devices you must follow the basic safety regulations to prevent fire hazards, electric shock, and injury to persons including the following: Please read and follow all instructions before putting the appliance into operation. Keep the safety instructions for future reference!

### **Safe working**

#### **Keep the place of your work clean!**

Mess in the place of your work can result in injuries.

#### **Consider the environmental influences!**

- Do not expose the appliance to rain.
- Do not use the appliance in a moist or wet environment. Ensure appropriate lighting.
- Do not use the appliance near flammable liquids or gases.

#### **Protect yourself against electric shock!**

Avoid any contact with earthed parts.

#### **Keep other persons in a safe distance!**

Do not let other persons, especially children, touch the cable. Keep them in a sufficient distance from the place of your work.

#### **Store the appliance properly!**

An appliance that is not used should be stored in a dry, locked place out of reach of children.

#### **Do not overload your appliance!**

You will work better and safer at the output for which the appliance has been designed.

#### **Use the correct appliance!**

Do not use an appliance with low power for heavy work. Do not use the appliance for purposes for which it has not been designed.

#### **Wear appropriate working clothes!**

Do not wear loose clothes or jewels as they could be caught by movable parts. For working outdoors, we recommend shoes with a non-slip sole. Wear a hairnet if your hair is long.

#### **Use protective aids!**

Protective glasses should always be worn. Use a breathing mask when working in a dusty environment.

#### **Do not use the cable for any other purposes than for which it has been designed!**

Do not use the cable for pulling the plug out of the socket; protect it against excess temperatures and sharp edges.

#### **Secure the processed materials!**

To secure the processed material, use a clamping device or a vice. Materials will be secured better this way than using your hand.

**Avoid abnormal body posture!**

Make sure you are stable to keep the balance at all times.

**Care for your tools!**

Keep the tools sharp and clean; you will be able to work better and safer. Follow the maintenance regulations and tool replacement instructions. Check the tool cable regularly and have it replaced by an authorized specialist if damaged. Check the extension cable regularly and replace it if damaged. Keep the handles dry, with no signs of oil and grease.

**Pull the plug out of the socket!**

When not using the appliance, before maintenance or when replacing the grinding disk.

**Never leave tools that are switched on in the appliance!**

Make always sure all wrenches and adjusting tools have been removed before switching the appliance on.

**Prevent unintentional appliance switch-on!**

Make sure the switch is in the "off" position when plugging the appliance.

**Extension cable for outdoor use:**

Authorized extension cables with appropriate marking must only be used outdoors.

**Pay attention!**

Pay attention to what you are doing. Use common sense when working. Do not use the appliance when you are tired.

**Check whether the appliance is not damaged!**

Protection equipment and slightly damaged parts need to be checked carefully to whether they still work perfectly before being used again. Check whether the movable components work perfectly and are not jammed or damaged. All components must be fitted correctly and satisfy all conditions to ensure the perfect working of the appliance. Any damaged protection equipment and components must be repaired or replaced in an authorized shop unless otherwise specified in the Operating Instructions. Have any damaged switches been replaced in a service shop? Do not use devices where the switch cannot be turned on and off.

**CAUTION!**

Use of other extensions and accessories can represent a risk of injury.

**Have your appliance repaired by an electrician only!**

This appliance is in accordance with appropriate safety provisions. Repairs can only be executed by an electrician, otherwise, there is a risk of injury for the user.

**Special safety instructions**



- The universal sharpening station is not suitable for continuous operation. The engine may switch off after 15 minutes of operation due to warming. Then it should be left to cool down for at least 10 minutes.
- The multi-purpose sharpener is suitable for sharpening in dry conditions and must in no case come into contact with liquids.
- The multi-purpose sharpener can only be used for sharpening of HSS (High-Speed Steel) drills, knives and scissors with straight cutting edges, plane and chisel blades.
- Sparks are generated when sharpening. Keep the multi-purpose sharpener in a safe distance from flammable liquids and materials.
- Make sure you do not touch the sharpening stone and processed material just after using them as they are

very hot.




- If the processed material turns blue during the sharpening process, it is overheated and can get damaged.  
Cool the processed material regularly when being sharpened, e.g. by water.
- The multi-purpose sharpener can only be used when an adapter is fitted.
- The adapter must not be removed or fitted when the sharpening stone is turning.

#### Marking





##### Product safety:

	
Product corresponds to appropriate EU standards	Protection class II

##### Prohibitions:




	
Do not pull the cable	Do not use when raining
	
Do not touch inside	

##### Warning:




	
Warning/caution	Risk of draw-in
	
Bystanders must keep safe distance	Warning against thrown-off items

##### Commands:






	
Read the Operating Instructions before using the appliance	Use earphones and protective glasses
	
Use safety gloves	









**Environment protection:**

	
Dispose waste professionally so as not to harm the environment.	Packing cardboard material may be delivered to collecting centres for recycling.
	
Any defective and/or disposed electric or electronic appliances must be delivered to appropriate collecting centres.	

**Package:**

	
Protect against moisture	This side up
	
Interseroh-Recycling	

**Technical specifications:**

	
Connection	Weight
	
Engine power	Noise
	
Revolutions	Grinding disk diameter
	
Maximum blade width	Drill diameter

## Operation

### Sharpening of drills

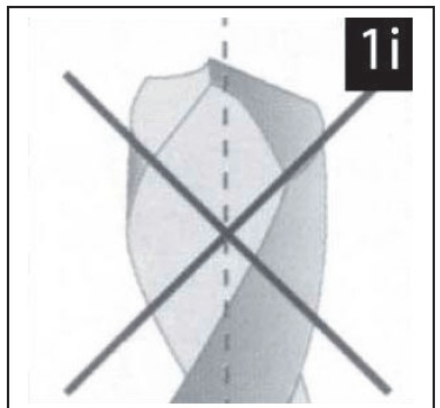
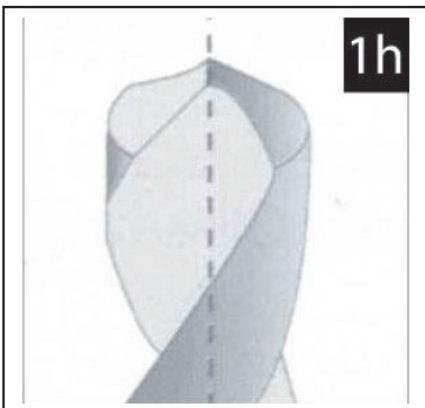
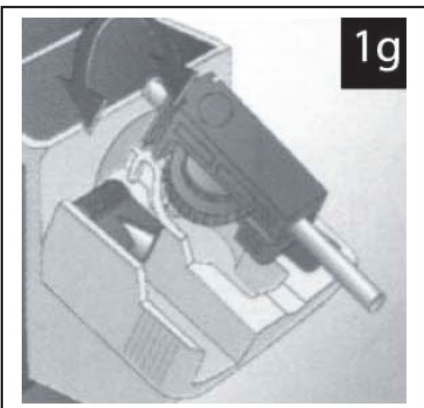
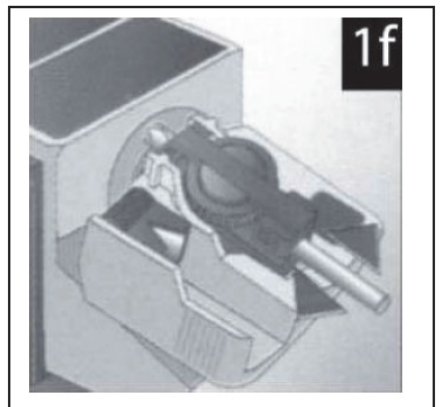
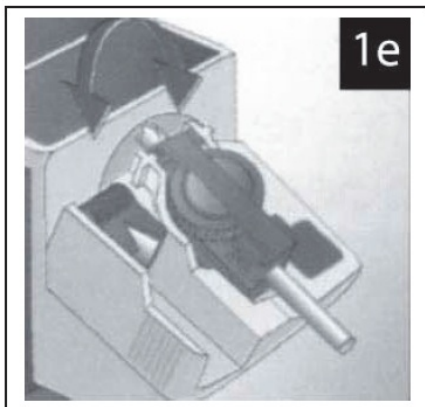
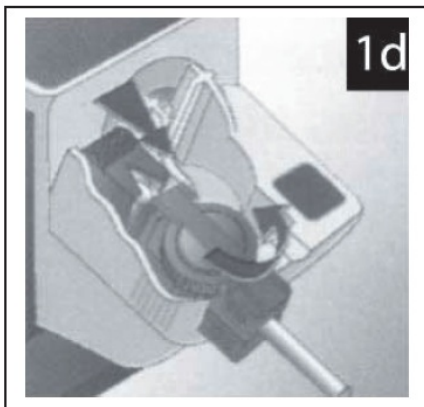
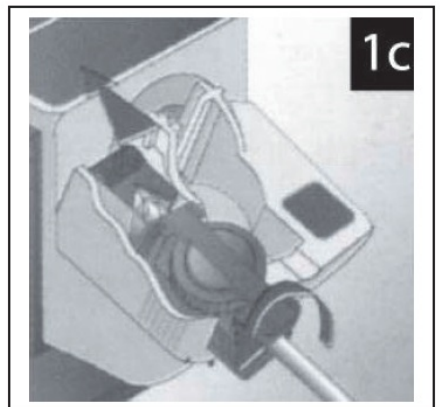
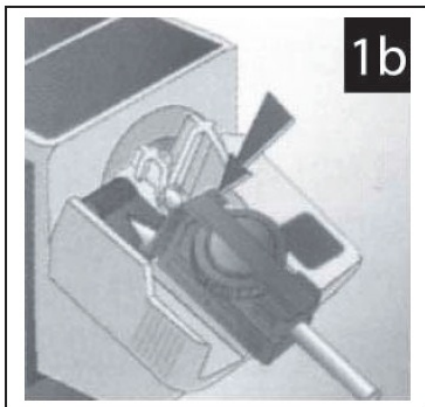
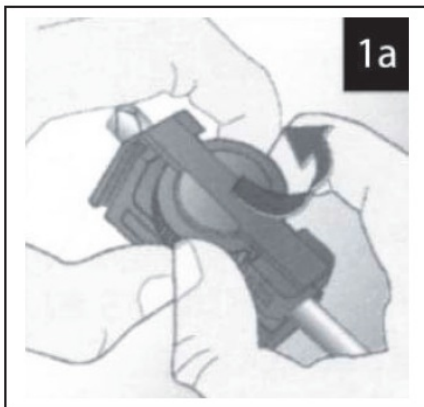
An appropriately sharpened drill is characterized by;

- Spiky point in the middle of the drill.
- Lip with two sharp and identically sized sides.
- Two back edges that are slightly lower than the front edges of the lip.

If your drill does not look like as specified above, it must be sharpened. Rough sharpening on a desk grinder followed by drill grinder is recommended for sharpening of skewed or very blunt drills.

- Fit a drill sharpening adapter (3) on the multi-purpose sharpener.
- Take the vice off the holder on the adapter and insert the drill (picture 1a).
- Tighten the vice slightly so that the drill in the vice can still be moved a bit.
- Fasten the vice at the very bottom into the notch on the left on the adapter so that the drill point is directed at the V-guide in the notch (picture 1 b).
- Move the drill to the very front of the V-guide (picture 1c).

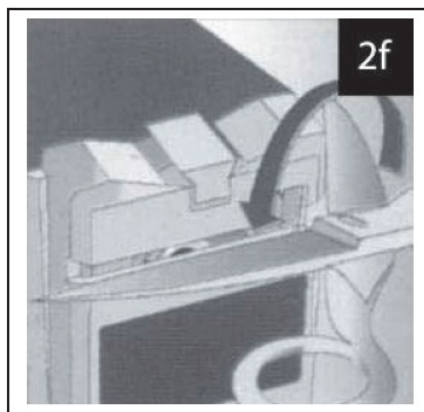
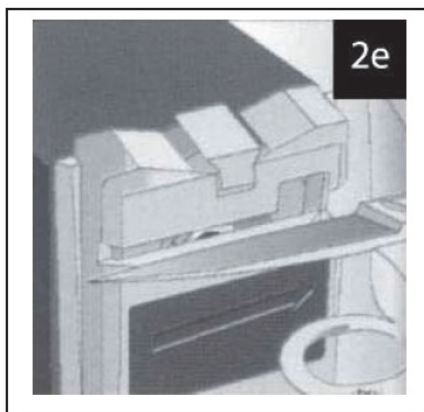
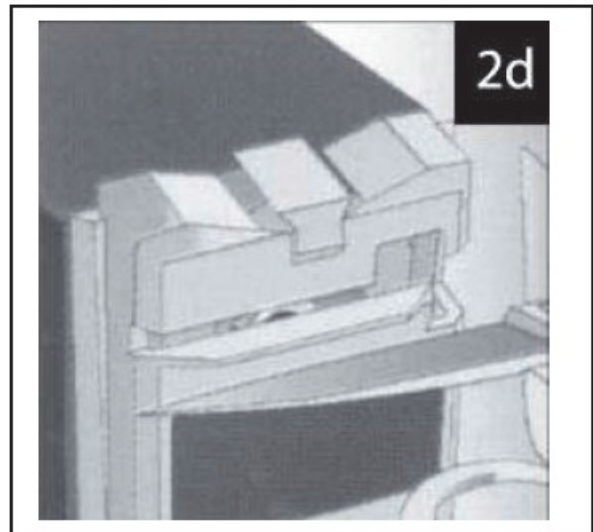
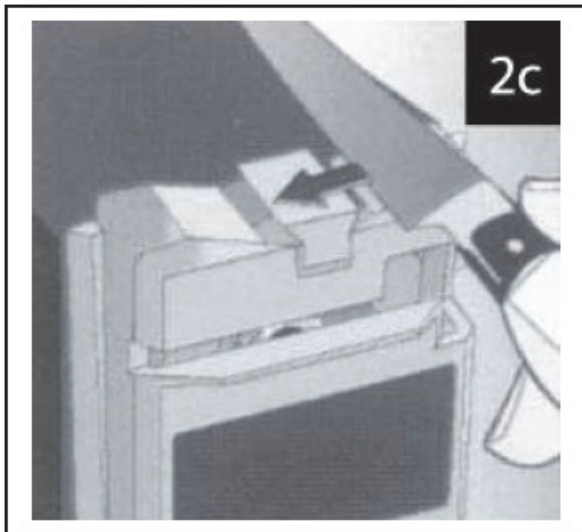
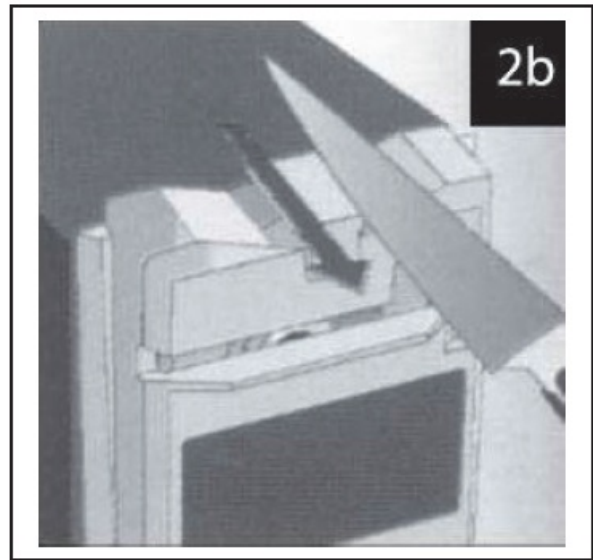
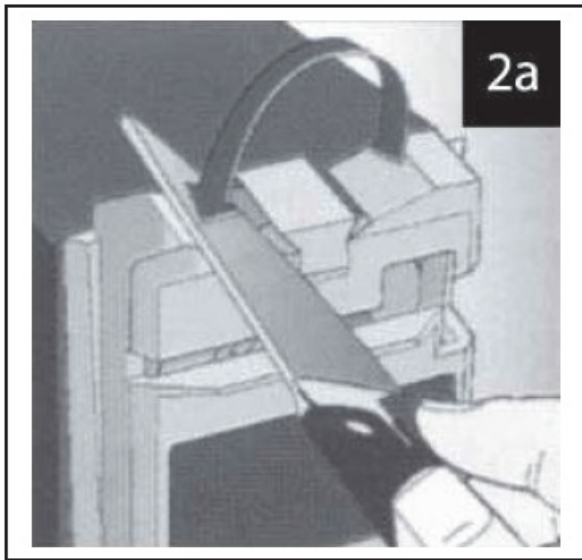
- Turn the drill so that it fits on the V-guide on all four sides.
- Lift the V-guide and make sure the vice fits at the very bottom of the notch.
- Tighten the vice (picture 1d).
- Lift the V-guide and remove the vice.
- Put the vice to the vice holder in the middle of the adapter (picture 1e).
- Use the on/off button (1) to put the multi-purpose sharpener into operation.
- Move the vice holder slightly from side to side (picture 1f).
- Turn the vice so that the back side is directed upwards (picture 1g).
- Move the vice holder slightly from side to side (picture 1f). Do not apply too much pressure as the drill could get overheated and damaged.
- Make sure the drill is sharpened correctly and corresponds to the three sharp drill points above (as in picture 1h and not in picture 1i).
- Use the on/off button to put the multi-purpose sharpener into operation. Let the sharpening stone stop completely and then remove the adapter.



- Fit a knife and scissor sharpening adapter (2) on the multi-purpose sharpener.
- Use the on/off button (1) to put the multi-purpose sharpener into operation.
- Hold the knife by its handle and put the other end of the knife cutting edge to the adapter knife notch (picture 2a).
- As soon as the cutting edge touches the sharpening stone, you must pull the knife to yourself, while applying slight pressure, so that it is fully pulled out of the knife notch (picture 2b). Do not press too much.
- Turn the knife and put it to the second knife notch (Picture 2c).
- As soon as the cutting edge touches the sharpening stone, you must pull the knife to yourself, while applying slight pressure, so that it is fully pulled out of the knife notch (picture 2b). Do not press too much.
- Check whether the knife is sharpened sufficiently and repeat the sharpening process if necessary. Use the on/off button to put the multi-purpose sharpener out of operation. Let the sharpening stone stop completely and then remove the adapter.

### **Sharpening of scissors**

- Fit a knife and scissor sharpening adapter (2) on the multi-purpose sharpener.
- Use the on/off button (1) to put the multi-purpose sharpener into operation.
- Open the scissors to the full extent.
- Insert one cutting edge in the scissor notch so that the scissors joint and handle of the other cutting edge are directed to the right (picture 2d).
- As soon as the cutting edge touches the sharpening stone, you must move the scissors to the side off the joint towards the point (picture 2e) while applying slight pressure. Do not press too much.
- Turn the scissors and put the other cutting edge to the scissors notch (picture 2f).
- As soon as the cutting edge touches the sharpening stone, you must move the scissors to the side off the joint towards the point (picture 2e) while applying slight pressure. Do not press too much.
- Check whether the scissors are sharpened sufficiently and repeat the sharpening process if necessary.
- Use the on/off button to put the multi-purpose sharpener out of operation. Let the sharpening stone stop completely and then remove the adapter.
- Knives and scissors with a smooth cutting edge can be sharpened only. If you sharpen knives or scissors with corrugated or special cutting edges, they will get damaged.



### Sharpening of plane and chisel blades

- Fit a plane and chisel blade sharpening adapter (4) on the multi-purpose sharpener.
- Put the blade or chisel on the support plate (picture 3a). The magnet keeps the processed material in its place.
- The angle between the processed material and the sharpening stone must correspond to the original angle at the cutting edge of the processed material.
- The sharpening angle can be continuously adjusted from 20 to 40° by loosening the angle adjusting handle and putting the support plate to an appropriate angle and tightening the angle adjusting handle again (picture 3c).
- The cutting edge of the processed material only slightly touches the sharpening stone.
- Use the on/off button (1) to put the multi-purpose sharpener into operation.

- Press the processed material slightly and move the support plate and processed material back and forth all the time, otherwise, the cutting edge would be sharpened unevenly (picture 3d).
- When sharpening, move the processed material along the support plate further downwards and also from side to side (picture 3e).
- Use the on/off button to put the multi-purpose sharpener out of service.
- Check whether the cutting edge angle is correct (picture 3f). Check whether the processed material is sharpened sufficiently and repeat the sharpening process if necessary.
- Let the sharpening stone stop completely and then remove the adapter.
- A distance piece included in the supply (picture 3g) is needed to sharpen thin chisels.
- The cutting edge must be ground on an oil stone after sharpening.

## **Guarantee**

A warranty period of 12 months applies to commercial use and 24 months apply to private use and commences on the day of purchase of the device. Warranty applies exclusively to failures due to defective material or workmanship. An original sale slip with an indication of the date of sale must be presented in case of claiming the warranty rights. The warranty does not cover unprofessional use such as device overload, violent use, damage caused by a third party or foreign materials, failure to comply with operations and assembly manual, and normal wear and tear.

## **Residual risks and protective measures**

### **Direct electrical contact**

#### **A faulty cable or plug can cause electric shock dangerous to life**

Have any faulty cables or plugs been replaced by a specialist at all times? Use the appliance only with a connection fitted with a safety switch against the stray current (RCD).

### **Indirect electrical contact**

#### **Indirect local lighting**

Insufficient lighting represents a high safety risk. Sufficient lighting must always be ensured when working with the appliance.

### **Behavior in case of emergency**

Provide necessary first aid treatment corresponding to the injury nature and seek qualified medical help as soon as possible. Protect the injured person from other injuries and calm him/her down. First aid kit must always be available in the place of your work in case of an accident in accordance with DIN 13164. Material taken out of the first aid kit needs to be supplemented right away. If help is needed, please provide the following details:

1. Place of accident
2. Accident nature
3. Number of injured persons
4. Injury type

## **Use as designated**

The multi-purpose sharpener is great for sharpening of HSS drills, knives without corrugated grindstone, scissors

without corrugated grindstone, and chisels. It is not suitable for the sharpening of premium steel or ceramics. Any other use is conflict with the use as designated.

## **Disposal**

The disposal instructions are based on icons placed on the appliance or its package. The description of the meanings can be found in the "Marking" chapter.

### **Transport packaging disposal**

The packaging protects the appliance against damage during transport. The packaging materials are usually selected depending on their environmental friendliness and disposal manner and can therefore be recycled. Returning the packaging into circulation saves raw materials and reduces waste disposal costs. Parts of the packaging (e.g. foils, Styropor®) can be dangerous to children. Risk of suffocation! Keep parts of the packaging out of reach of children and dispose of them as quickly as possible.

### **Operating staff requirements**

The operator must carefully read the Operating Instructions before using the appliance.

### **Qualification**

No special qualification is necessary for using the appliance apart from detailed instruction by an expert.

### **Minimum age**

The appliance can only be operated by persons over 16 years of age. An exception includes youngsters operating the appliance within their professional education to achieve necessary skills under the trainer's supervision.

### **Training**

Using the appliance requires only appropriate instructions by a professional or reading the Operating Instructions. No special training is necessary.

## **Service**

### **Do you have any technical questions? A claim? Do you need spare parts or the Operating Instructions?**

You will be helped quickly and without needless bureaucracy at our webpage [www.guede.com](http://www.guede.com) in the Services part. Please help us be able to assist you. To be able to identify your appliance when claimed, we need to know its serial No., order No. and year of production. All these details can be found on the type label. Enter the details below for future reference.

- Serial No.
- Order No.
- Year of production:
- Tel.: + 49 (0) 79 04 / 700-360
- Fax: + 49 (0) 79 04 / 700-51999
- E-Mail: [support@ts.guede.com](mailto:support@ts.guede.com).

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94102, GUS 650 Multi-Task Sharpener, GUS 650, Multi-Task Sharpener

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