

# HEAVY DUTY GR8 SAFETY KNIFE

METAL DETECTABLE, REUSABLE SAFETY KNIFE

PAGE 1 of 2

## Product Specifications

KN746242MB | April 2016



**Product Name:** GR8 Safety Knife

**Product Prefix:** KN746242MB

**Product Colour:** Blue

**Product Description:** The GR8 is a heavy-duty detectable safety knife featuring a tough metal body and a unique moving blade design, suitable for cutting cardboard, shrink-wrap and plastic strapping. The GR8 also features a swift blade change facility to minimise downtime in the event of blade becoming blunt, and a loop for fixing to a lanyard.

The pointed metal tip of the GR8 is design to pierce packaging, gaining the blade access to cut along the material. The tip of the moving blade also acts as a non-sharp tape cutter, for running along taped up packages to cut the tape. Though sharp enough to cut the tape, this is not sharp enough to cut skin and is pocket safe.

**Product Material(s):** Metallic body, stainless steel blade and detectable polypropylene handle.

**Pack Size:** 1 Knife (packaged in a 190x70x15mm Polythene bag)

**Knife Dimensions:** 150 x 58 x 15 mm

<b>Replacement Blades:</b>	<u>Blade</u>	<u>Material</u>	<u>Order Code</u>	<u>Batch Quantity</u>
	Main Blade	Stainless Steel	KN75G8BT2M10	10 Pack

**Product Advantages:**

- ✓ Can be detected by conventional in line metal detection systems
- ✓ Simple design minimises any potential 'germ traps'
- ✓ Can be used for a variety of applications within hygiene critical processing environments
- ✓ Concealed blade minimises the risk of injury and drawing blood
- ✓ Displays a use of all due diligence in the prevention of foreign body contamination



BS Teasdale & Son Ltd. Unit 7, Delta Court, Sky Business Park, Robin Hood Airport, Doncaster, South Yorkshire, DN9 3GN  
Tel: 0845 643 0950 Email: sales@detectable-products.co.uk Web: www.detectable-products.co.uk

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PAGE 2 of 2

## 1. Cutting Angle

- Hold the handle only and not the body of the knife. The grip should be primarily with the thumb and the first and second fingers.
- To maximise the benefit of the moving blade, the handle should be at an angle of about 45 degrees and the force applied parallel to the material being cut. Move the knife along the material – don't pull upwards or sideways.
- Ensure that you are cutting with the blade and not the knife body.
- Important: Do not use the GR8 as a lever in an effort to 'snap' materials as this may result in damage to the knife and/or personal injury.

## 2. Slicing Action

You do not need to pull the handle upwards to initiate the slicing action as this will happen automatically if the angle of cut is correct. If the handle reaches the full extent of its movement before you have cut through the material, ease the pressure to allow the handle to return to its original position and start the cut again.

## Materials and Spring Tension

Different materials will require a slightly different cutting action, but this will become second nature very quickly. You should always think about the 45 degree angle of cut. Create tension where necessary. For example, when cutting less rigid materials such as paper bags or polythene sacks.

- Grasp the material using the free hand to create the required tension.

## 3. Tape Cutter

Each GR8 has an integral Tape Cutter normally as part of the blade. The Tape Cutter is not sharp, so cannot damage the user nor the contents of boxes. It will easily pierce adhesive tape.

## 4. Releasing the Locking Pin

- With the removable pin, push the tail through from the back of the knife. When the knife is new, you may need to push against a desk, bench or other hard object.
- The head of the pin will move clear of the body allowing you to grip it and pull it clear of the blade. Note: The pin is designed to remain captive within the knife so should not be forced further than the stop.

## 5. Removing and Replacing the Old Blade

- Hold the handle and not the body of the knife with the pin facing downwards.
- Tip the knife forward and the blade will slide out. At this stage, the blade can either be reversed or replaced.
- With the pin still facing downwards, insert the blade fully into the knife and secure the pin. If the blade is not fully inserted, the pin will not return. Do not force it. Ensure that the pin is extended to its stop and replace the blade again.
- Carefully dispose of spent blades.

The blade has been designed with a cutting edge and a blunt edge to allow safe handling via the blunt edge. Important: It is extremely dangerous to use the GR8 if the pin is not fully secured.

## Metal Detectability

The material of the GR8 Safety Knife is intended to be detected by metal detection systems. Detectability performance will vary based on, but not limited to the following factors:

- Detector Calibration Levels
- Aperture Dimensions
- Food Product Type (E.g. Wet, Dry, Frozen, Liquid)
- Contaminant Orientation

For this reason BST recommend that all our products be thoroughly tested on your metal detection systems by a trained and certified professional. It may be the case that your equipment needs to be recalibrated in order to reliably detect this product and its fragments. Such a professional should be available by contacting the manufacturer of your metal detection system.

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