

BST MASCARET SAFETY KNIFE

METAL DETECTABLE, REUSABLE SAFETY KNIFE

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Product Specifications

KN1031452MB | Revised February 2015



Product Name: Profi 25

Product Description: The MASCARET metal detectable safety knife features a trigger-activated blade, with a safety button to lock the blade internally. A difference in cutting pressure during the cut will auto-retract the blade, even if the trigger is not released, ensuring maximum safety for the operative. This versatile, safe, fully detectable cutting tool is ideal for cutting cardboard, plastic strapping and general unpacking and processing applications.

The body of the knife is manufactured from various grades of food safe metal detectable composite plastics, including Acetal and Nylon. The blade and internal springs are both made from stainless steel, making the whole of the product fully metal detectable and food safe. The knife is compliant with standard No 1935/2004 (CE) of 27th October 2004 on materials and articles intended to come into contact with food.

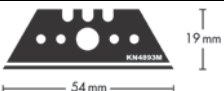
Product Prefix: KN1031452MB

Product Colour: Blue

Pack Size: 1 Knife

- Product Advantages:**
- ✓ Detectable by conventional metal detection systems
 - ✓ Highly visible blue colours for easy visual identification
 - ✓ EU Food Contact Approved
 - ✓ Effective for cardboard, plastic strapping & general unpacking/processing applications
 - ✓ Ambidextrous ergonomic design to prevent operator fatigue
 - ✓ Quick, Easy, Safe and tool free blade change facility
 - ✓ Highly robust construction with light but strong materials

Replacement Blades:

Blade Description	Blade Size (mm)	Pack Quantity	Order Code	Drawing
Main Blade (Food Grade Stainless Steel)	44 x 15 x 0.60	10 Pack	KN4526M	



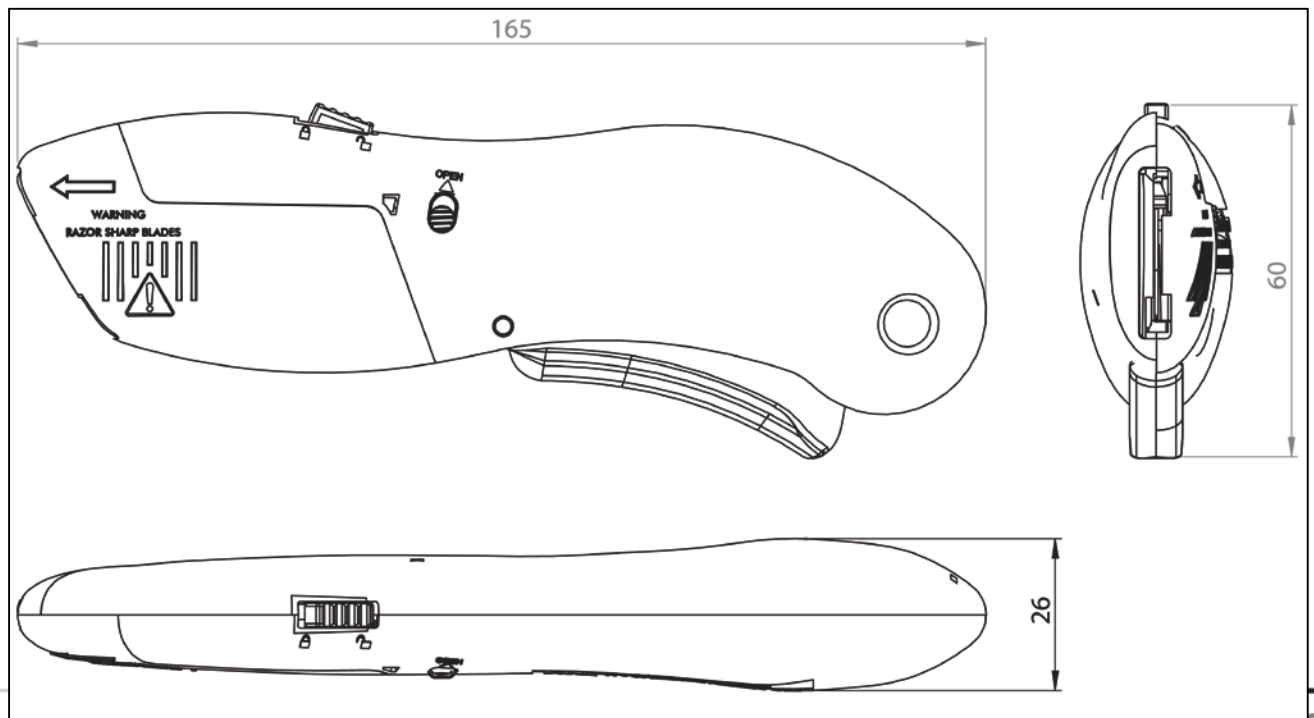
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Product Material Breakdown:

Unit Weight	Unit Size (mm)	Order Quantity	Parts per Unit	Parts	Part Material	Part Colour(s)
93g	165 x 60 x 26	Individual Knife	12 Parts	Outer Shell A	PA6 GF 30 + 10% Teflon	Light Blue
				Outer Shell B	PA6 GF 30 + 10% Teflon	Light Blue
				Spring 25mm	Stainless Steel	Metallic Grey
				Spring 10mm	Stainless Steel	Metallic Grey
				Connecting Rod	Polycarbonate	Dark Blue
				Trigger A	POM	Dark Blue
				Trigger B	POM	Dark Blue
				Trigger C	Polycarbonate	Dark Blue
				Lever	PA6 GF 30 + 10% Teflon	Dark Blue
				Blade Holder	PA6 GF 30 + 10% Teflon	Dark Blue
				Shell	PA6 GF 30 + 10% Teflon	Dark Blue
				Blade	Stainless Steel (13% Cr)	Metal

Technical Drawings:


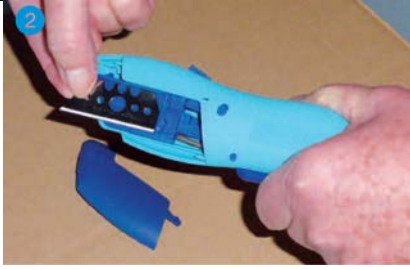
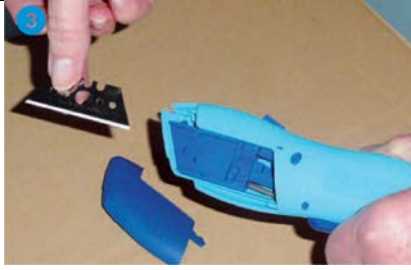


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Blade Change Instructions:

Step #1	Step #2	Step #3
Slide the safety catch up and slide forward the outer shell.	Activate the trigger to expose the entire blade, then, carefully remove the blade by the front. A new blade can now be inserted, or the current blade rotated.	Replace the blade, securing it into position by lining up the pins, carefully release the blade and then the trigger. Replace the outer shell and ensure the safety catch is pushed back down.
		

Metal Detectability

The body of this safety knife is manufactured using plastic composite materials containing an evenly dispersed metal detectable additive. The detectability of these materials will vary based upon the metal detection systems being used and their calibration. All components of this safety knife are manufactured from metal detectable polymers or stainless steel, making the product fully metal detectable. Detectability performance will vary based on, but not limited to the following factors:

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

DISCLAIMER

The information provided in this product specification sheet is based on our experience and knowledge to date and we believe it to be true and reliable. This information is intended as a guide for your use of our products, the use of which is entirely at your own discretion and risk. We, BS Teasdale & Son Ltd, cannot guarantee favourable results and assume no liability in connection with the use of our products.

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