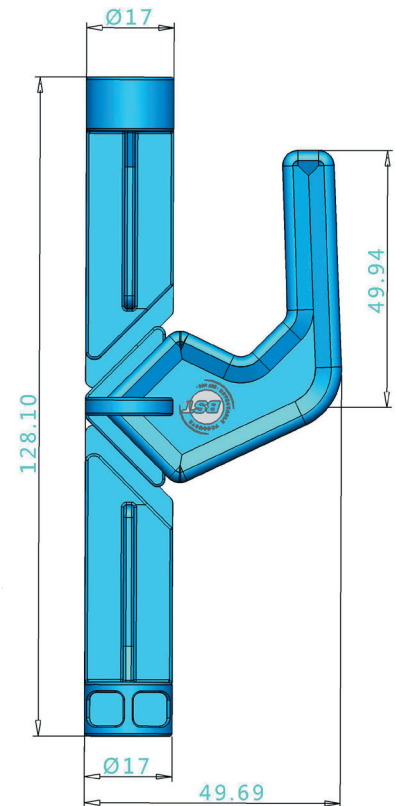


## BST Detectable Break Out Bolt | BOB



### Introducing the BST Detectable Break Out Bolt

These metal detectable & x-ray visible break out bolts are designed specifically for use in the food industry, where minimising the risk of foreign body contamination is of the highest priority. They are universal so they will fit any current panic bolt in place, they simply replace any ceramic or glass tube with no need to upgrade your panic bolts. They are ideal for any place where smashed glass/ceramic could cause an issue, for example, food processing areas, hospitals, care homes, gyms, spas, swimming baths etc.

### Break Out Bolt Advantages

- ✓ Detectable by in-line metal detection systems & x-ray inspection systems
- ✓ Strong, durable & shatter resistant
- ✓ Universal fitting with no hammer needed
- ✓ Compatible with both Ashworth and Redlam door panic bolts
- ✓ Highly visible blue casing for easy visual identification
- ✓ EU compliant and tested to ASTM standards
- ✓ Can be used as part of HACCP and BRC procedures
- ✓ Displays due diligence in the prevention of foreign body contamination

## Product and Packaging Information

<b>Product Code</b>	BOB	<b>AntiBacterial</b>	No
<b>Pack Size</b>	1	<b>Material</b>	ABS
<b>Pack Weight</b>	0.012kg	<b>Detectability</b>	Metal & X-Ray Visible
<b>Colours</b>	Blue	<b>Country Of Origin</b>	Britain
<b>Dimensions</b>	49.69 x Ø17 x 128.10mm	<b>Commodity Code</b>	39033000

## Safety Certificates / Approvals

EU Compliant	RoHs Compliant	Made In Britain
ASTM Certified	BRCGS Compliant	ISO 9001:2015



## Food Contact Status

Hereby we declare that the materials ABS are manufactured in line with the relevant requirements of 2023/2006/EC as amended by Commission Regulation (EC) 282/2008, on good manufacturing practice (GMP) for materials and articles intended to come into contact with food. The raw materials used in the manufacturing process of the above mentioned materials meet the relevant requirements of EU Framework Regulation 1935/2004 on materials and articles intended to come into contact with food. The monomers, starting substances and additives used are listed in Annex I of the consolidated Commission Regulation No.10/2011 as amended by (EU) 321/2011, (EU) 1282/2011, (EU) 1183/2012, (EU) 202/2014, (EU) 2015/174, (EU) 2016/1416, (EU) 2017/752, (EU) 2018/79, (EU) 2018/213, (EU) 2018/831, (EU) 2019/37, (EU)2019/1338, and (EU)

2020/1245 respectively, related to Plastic Materials and Articles intended to come into contact with foodstuffs.

The colourant used in the formulation of the ABS is compliant with European Council Resolution AP(89)1 on the use of colourants in plastic materials coming into contact with food, and also with German BfR Recommendations (IX). The carbon black used in the formulation of the ABS Black is specifically tested to by the supplier to ensure continuous compliance with carbon black (CAS 1333-86-4, FCM Substance No 411) purity requirements and specific restrictions/specifications mentioned in Annex I of the Commission Regulation (EU) No 10/2011, and the content in the formulation is far below the threshold level of 2.5 wt. % maximum allowed.

## Animal Derivatives

To the best of our knowledge there are no ingredients in the formulation of this material that is of animal origin. As such, this material should not pass on any animal derived disease like BSE (Bovine Spongiform Encephalopathy) or other TSE (Transmissible Spongiform Encephalopathy).

## Metal Detectability

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The BST break out bolts are manufactured from electromagnetically detectable plastic compound. This compound contains evenly dispersed non-toxic detectable additives, making the material detectable by correctly calibrated metal detection systems. Metal detectability performance will vary based on, but not limited to the following factors:

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

Orientation is a highly influential factor for the metal detectability of a contaminant that is non spherical, i.e. it will be easier to detect the contaminant when passing in one orientation compared to another - this is known as the orientation effect.

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 re-calibrated in order to reliably detect this product. Such a professional should be available by contacting the manufacturer of your metal detection system.

## X-Ray Visibility

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In contrast to metal detection, x-ray visibility is determined by material density. For this reason, the material for these BST break out bolts contain an additional, evenly dispersed, food safe, high density additive. X-ray detection performance will be reduced when small fragments are buried in deeper, denser products - detection will depend on product type and density.

We highly recommend that all our products be thoroughly tested on your x-ray inspection 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. Such a professional should be available by contacting the manufacturer of your x-ray inspection system.

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. © 2023 BS Teasdale & Son Ltd. All Content, Data & Images are owned by BS Teasdale & Son Ltd and are protected by international copyright law.