

# BST DETECTABLE BRUSHES

## PART METAL DETECTABLE BRUSHES

PAGE 1 of 6



### Product Specifications BRN1\* | Revised Nov 2014

**Product Name:** Part Metal Detectable Brushes & Broom Heads

**Product Description:** Our wide range of hygienic brushes and brooms feature fully detectable moulded-in polyester bristles. Stray bristles are designed to be detected by in line metal detection systems which are widely used throughout the food industry. By being detected, contaminated food can be automatically rejected, actively reducing foreign body contamination associated with regular brush bristles.

BST have a range of brushes, from small Tube Brushes ideal for cleaning tubes and bottles to Extra Long Utility Brushes ideal for cleaning large containers, buckets and machinery. We also have a selection of Broom Heads designed to fit easily and securely to our aluminium broom handles, which are supplied separately.

**Product Code:** BRN1\*

**Pack Size:** 1

**Handle Colour:** Blue / White

**Bristle Colour:** Purple

**Product Materials:** Brush Handles: Non Detectable Polypropylene Plastic  
Brush Bristles: Metal Detectable Polybutylene Terephthalate Plastic

**Product Advantages:**

- ✓ Detectable by conventional metal detection systems
- ✓ Highly visible bright blue body colour for easy visual identification
- ✓ Feature ergonomic grips & hangers



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# BST DETECTABLE BRUSHES

## PART METAL DETECTABLE BRUSHES

PAGE 2 of 6

| Brush Description                                                                                        | Pack Weight | Brush Dimensions | Handle / Bristle Colour(s) | Product Code |
|----------------------------------------------------------------------------------------------------------|-------------|------------------|----------------------------|--------------|
| 10mm Ø Tube Brush<br>   | 0.05kg      | 500mm x 10 Ø     | Blue                       | BRN1TU750TB  |
| 20mm Ø Tube Brush<br>  | 0.05kg      | 500mm x 20 Ø     | Blue                       | BRN1TU752TB  |
| 30mm Ø Tube Brush<br> | 0.05kg      | 500mm x 30 Ø     | Blue                       | BRN1TU754TB  |
| 40mm Ø Tube Brush<br> | 0.05kg      | 500mm x 40 Ø     | Blue                       | BRN1TU756TB  |



# BST DETECTABLE BRUSHES

## PART METAL DETECTABLE BRUSHES

PAGE 3 of 6

|                                                                                                                |        |                                              |                         |                                           |
|----------------------------------------------------------------------------------------------------------------|--------|----------------------------------------------|-------------------------|-------------------------------------------|
| <b>50mm Ø Tube Brush</b><br>  | 0.05kg | 500mm x 50 Ø                                 | Blue                    | BRN1TU758TB                               |
| <b>60mm Ø Tube Brush</b><br> | 0.05kg | 500mm x 60 Ø                                 | Blue                    | BRN1TU759TB                               |
| <b>Pastry Brushes</b><br>   | 0.05kg | 130mm x 30mm<br>130mm x 50mm<br>130mm x 70mm | White<br>White<br>White | BRN1PA070TW<br>BRN1PA080TW<br>BRN1PA090TW |
| <b>Corner Brush</b><br>     | 0.15kg | 300mm x 20mm                                 | White                   | BRN1CR265TB                               |



# BST DETECTABLE BRUSHES

## PART METAL DETECTABLE BRUSHES

PAGE 4 of 6

|                                                                                                                     |        |              |                                       |               |
|---------------------------------------------------------------------------------------------------------------------|--------|--------------|---------------------------------------|---------------|
| <p>Churn Brush</p>                 | 0.20kg | 270mm x 70mm | Blue                                  | BRN1CH546TB   |
| <p>Banister Brush</p>             | 0.20kg | 340mm x 75mm | Blue Handle with Hard Purple Bristles | BRN1BA10255TB |
|                                                                                                                     | 0.20kg | 340mm x 75mm | Blue Handle with Soft Grey Bristles   | BRN1BA10252TB |
| <p>Long Utility Brush</p>        | 0.20kg | 400mm x 50mm | Blue                                  | BRN1LU213TB   |
| <p>Extra Long Utility Brush</p>  | 0.45kg | 770mm x 40mm | White                                 | BRN1EU999TW   |



# BST DETECTABLE BRUSHES

## PART METAL DETECTABLE BRUSHES

PAGE 5 of 6

|                                                                                                                   |        |               |               |              |
|-------------------------------------------------------------------------------------------------------------------|--------|---------------|---------------|--------------|
| <p>Narrow Broom Head</p>         | 0.30kg | 230mm x 35mm  | Blue          | BRN1NB157TB  |
| <p>Small Broom Head</p>          | 0.45kg | 300mm x 60mm  | Blue          | BRN1SB153TB  |
| <p>Large Broom Head</p>        | 0.55kg | 400mm x 50mm  | Blue          | BRN1LB204TB  |
| <p>Aluminium Broom Handle</p>  | 0.60kg | 1500mm x 32 Ø | Silver / Blue | BRN5HN3212TS |



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## PART METAL DETECTABLE BRUSHES

PAGE 6 of 6

### Food Contact Status

The PBT filaments used in our brushes are compliant with FDA regulation 21CFR 1077.1660 "Polytetramethylene Terephthalate", with the scope of application being "Filaments used for repeated use in contact with food". Brush handles are manufactured using food safe polypropylene plastic.

### Metal Detectability

The bristles of our brushes are embedded with food safe ferrous content, giving them magnetic properties and making them detectable by conventional metal detection systems. Successful bristle detection is dependent on:

- Detector Calibration
- 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 bristles. Such a professional should be available by contacting the manufacturer of your metal detection system.

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### 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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