

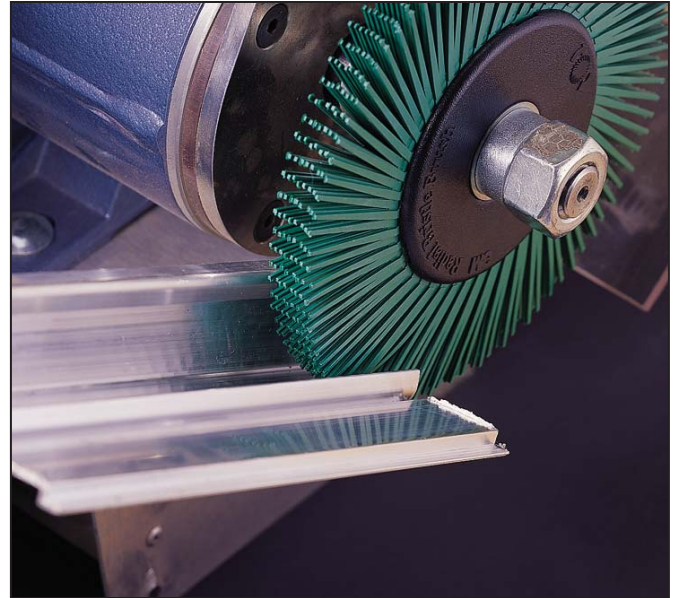
# 3M Application Profile

**Market:** MRO

**Application Description:** Bench Motor Deburring



8" Deburring Aluminum Extrusion



6" Deburring Aluminum Extrusion

## Key Application Requirements

Bench motor deburring, where the operator brings the part to the brush and manipulates it for deburring. Examples include deburring aluminum extrusions, metal tubing, sheared panels medical instruments, builders hardware, piston rings and threaded parts.

## Products Replaced

Wire and nylon brushes.

## Advantages/Benefits for customer

*Safer and cleaner* — Scotch-Brite Radial Bristle Brushes feature a unique design that provides a clean and safe system for deburring. Because these brushes are made of abrasive-filled bristles, there are no flying metal wires. The patented construction creates a continuous fresh supply of mineral to the work piece surface without the need to use messy compounds.

*More conformable* — The brushes are very conformable compared to other abrasives, so they can easily deburr contoured or detailed parts, saving time and making deburring operations more productive.

*Easy to use* — Brushes are balanced, run smoothly, are cool-running and do not require dressing.

## PRODUCTS

Scotch-Brite™ Radial Bristle Brush

### 6" Type T-A

Grade 36 (brown) 048011-27603-8

Grade 50 (green) 048011-27605-1

Grade 80 (yellow) 048011-27606-9

### 6" Type T-C

Grade 80 (yellow) 048011-33215-4

Grade 120 (white) 048011-33212-3

### 8" Type T-S

Grade 50 (green) 048011-33081-5

Grade 80 (yellow) 048011-33082-2

Grade 120 (white) 048011-33083-9

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## Tools

Bench motors

## Operating Parameters

1,750 – 3,600 RPM



## Accessories

Radial Bristle Brush Diameter	Flange Adaptor	UPC	Function
6"	No. 5	048011-16859-3	Reduce 1" ID to fit 1/2", 5/8", 3/4" or 7/8" shafts
8"	No. 4	048011-09303-1	Reduce 1.25" ID to fit 1/2"
8"	No. 4	048011-09158-7	Reduce 1.25" ID to fit 5/8"
8"	No. 4	048011-09157-0	Reduce 1.25" ID to fit 3/4"
8"	No. 4	048011-09134-8	Reduce 1.25" ID to fit 7/8"
8"	No. 4	048011-09156-3	Reduce 1.25" ID to fit 1"

## Tech Tips

- Do not use excessive downward pressure on the tool. Let the tool and bristle tips do the work.
- Do not work bristle over sharp edges, when finishing edges on a flat surface; position the tool so that the bristles run off the edge and not into the edge.
- Do not dwell on a localized area to avoid excessive heat build up.

## Additional Information

Scotch-Brite Radial Bristle Brush, 8-inch: product flyer (61-5002-8041-9)

Scotch-Brite Bristle Discs and Brushes: product family brochure (61-5002-8009-6)

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### **Safety Information**

Always read and follow all safety information included with the product. Do not exceed maximum operating RPM's. Use guards provided with machine. Follow safety operation procedures posted in work areas.

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### **For Additional Information**

To request additional product information or to arrange for sales assistance, call 1-800-362-3550. Address correspondence to: 3M Industrial Business Customer Response Center, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55106. Our fax number is 651-733-9175. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

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Building 21-1W-10, 900 Bush Avenue  
St. Paul, MN 55106

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