

INNOVATORS IN BRUSH TECHNOLOGY

MINIATURE DEBURRING BRUSHES

Stainless Steel

Effective in cast iron and steel to remove chips and breakout burrs

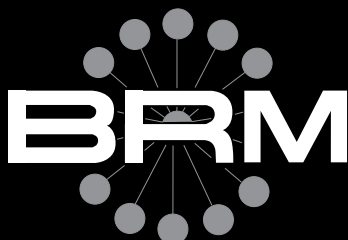
Abrasive Nylon

Effective for improving surface finish, reducing burrs and thread cleaning

Diamond

Effective for finishing, polishing and burr removal in ceramic, glass, alloy and tool steel

Carbon Steel, Brass, Nylon and Natural Filament
Available on Special Order



**BRUSH RESEARCH
MANUFACTURING**

Removing burrs and producing an edge radius on small diameter holes is an expensive finishing problem that involves a great deal of hand work. Miniature deburring brushes can automate this process saving time and money while improving product quality and consistency. Filament choices include carbon steel, stainless steel, brass, nylon, abrasive nylon, diamond abrasive nylon and natural bristle to provide the optimum finish on a variety of base materials. Brushes designed for thru holes (81 Series) are available for holes as small as .024" (.6mm). Brushes for bottom end applications are available for holes as small as 1/8" (3.2mm).

Miniature Deburring Brushes

Series 81- For through hole applications

| Inch Series | Hole Diameter | Brush Part | Overall Length | Stem Diameter |
|-------------|---------------|------------|----------------|---------------|
| | .024" * | 5/8" | 3" | 0.016 |
| | .032" | 5/8" | 3" | 0.016 |
| | .047" | 3/4" | 3" | 0.026 |
| | .054" | 3/4" | 3" | 0.026 |
| | .063" | 3/4" | 3" | 0.026 |
| | .079" | 3/4" | 3" | 0.034 |
| | .094" | 3/4" | 3" | 0.043 |
| | .109" | 3/4" | 3" | 0.055 |
| | .125" | 1" | 3" | 0.055 |
| | .142" | 1" | 3" | 0.055 |
| | .156" | 1" | 3" | 0.072 |
| | .172" | 1" | 3" | 0.072 |
| | .189" | 1" | 3" | 0.072 |
| | 7/32" | 1-1/2" | 3" | 0.072 |
| | 1/4" | 1-1/2" | 3" | 0.110 |

| Metric Series | Hole Diameter | Brush Part | Overall Length | Stem Diameter |
|---------------|---------------|------------|----------------|---------------|
| | 1mm | 5/8" | 3" | 0.016 |
| | 1.5mm | 5/8" | 3" | 0.026 |
| | 2mm | 3/4" | 3" | 0.034 |
| | 2.5mm | 3/4" | 3" | 0.043 |
| | 3mm | 1" | 3" | 0.055 |
| | 3.5mm | 1" | 3" | 0.055 |
| | 4mm | 1" | 3" | 0.055 |
| | 4.5mm | 1" | 3" | 0.072 |
| | 5mm | 1" | 3" | 0.072 |
| | 5.5mm | 1" | 3" | 0.110 |
| | 6mm | 1" | 3" | 0.110 |
| | 6.5mm | 1" | 3" | 0.110 |

Series 85- For bottom end applications

| Hole Diameter | Brush Part | Overall Length | Stem Diameter |
|---------------|------------|----------------|---------------|
| .125" | 1" | 4" | 0.083 |
| .156" | 1" | 4" | 0.097 |
| .187" | 1" | 4" | 0.097 |
| .219" | 1" | 4" | 0.112 |
| .250" | 1-1/4" | 4-1/2" | 0.112 |
| .281" | 1-1/4" | 4-1/2" | 0.112 |
| .312" | 1-1/4" | 4-1/2" | 0.140 |
| .344" | 1-1/4" | 4-1/2" | 0.140 |
| .375" | 1-1/4" | 4-1/2" | 0.140 |

* Available in Stainless Steel Only

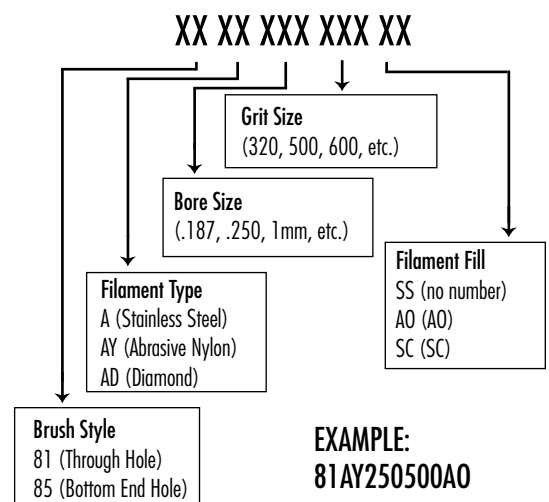
** Diamond Abrasive Nylon Stocked in 800 grit

| | .012/600 | .018/500 | .022/320 | .035/180 | .040/120 | .040/80 |
|---|----------|----------|----------|----------|----------|---------|
| Aluminum Oxide | X | X | X | X | X | X |
| Silicon Carbide | | X | X | X | X | X |
| Silicate | | | | | | |
| Mild Abrasive .008 LV Filament | | | | | | |
| Diamond | | | | | | |
| Stocked in 800 grit (.010/800) other grits available upon request | | | | | | |



- Abrasive Nylon Brushes are listed by hole diameter and made oversized for optimum finishing performance
- Pricing for other sizes and grits available on request
- Miniature Brushes are available in Carbon Steel, Stainless Steel, Brass, Nylon and Abrasive Nylon

How to Order BRM Miniature Brushes:



BRM 

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