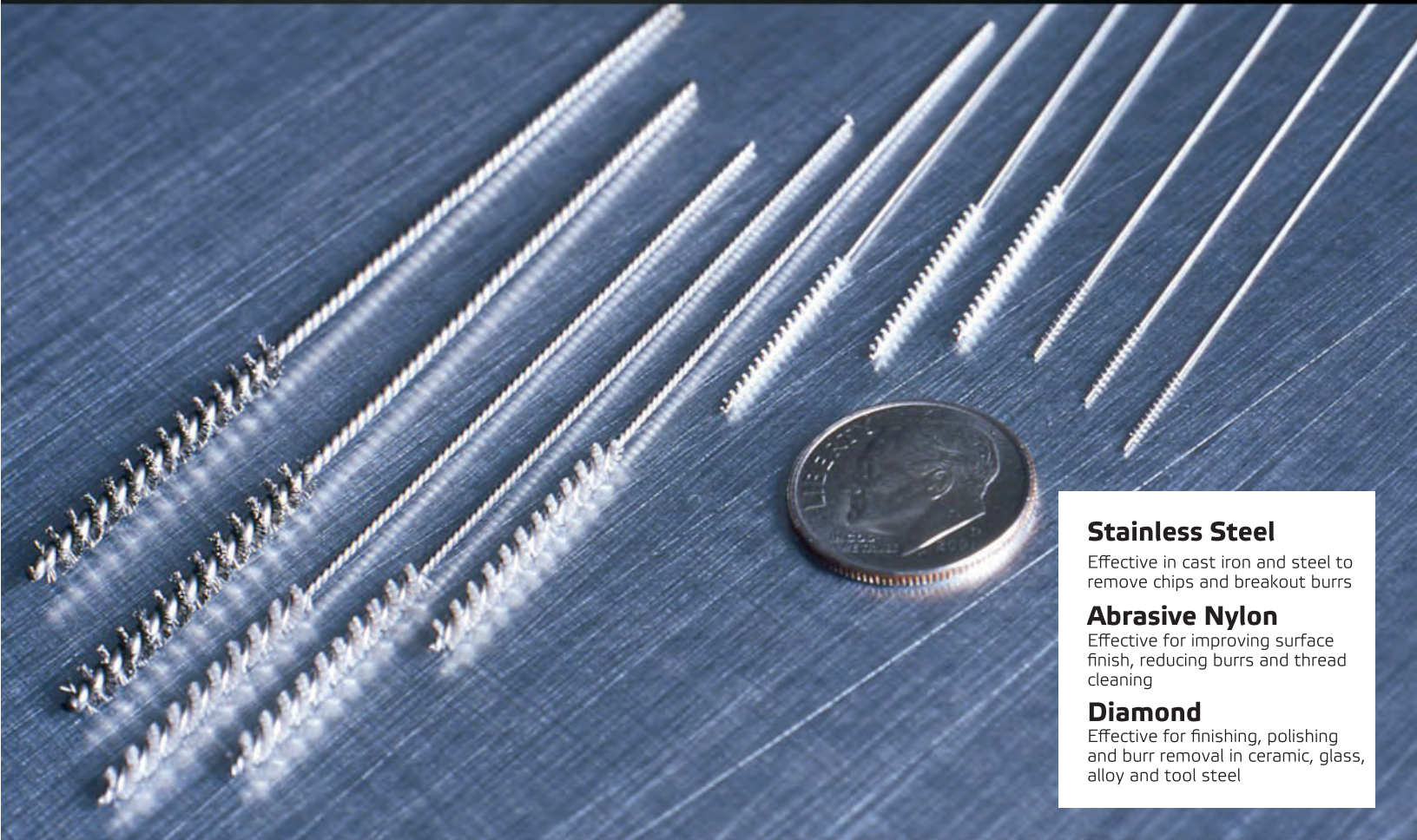


INNOVATORS IN BRUSH TECHNOLOGY

# FINISHING AND DEBURRING SMALL HOLES?

Miniature Brushes For Crosshole Deburring

**NOW AVAILABLE IN 12 PIECE KITS!**



### **Stainless Steel**

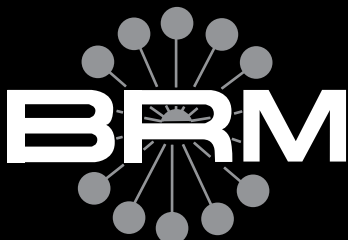
Effective in cast iron and steel to remove chips and breakout burrs

### **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



**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 stainless steel, abrasive nylon and diamond abrasive nylon. Carbon steel, brass, nylon and natural filament are available on special order. These options provide the optimum finish on a variety of base materials. Brushes are available for holes as small as .014" (.36mm).

[www.brushresearch.com](http://www.brushresearch.com)



# MINIATURE BRUSH KITS

SIZE	STAINLESS STEEL	ABRASIVE NYLON
DECIMAL ( INCHES )	81AKIT	81AYKIT
METRIC ( MM )	81AMMKIT	81AYMMKIT

Ideal for micro burr removal, internal cleaning, rust removal and surface preparation. Kits contains 12 brushes. Available for both decimal and metric hole sizes. The inch kit includes .032, .047, .054, .063, .079, .094, .109, .125, .142, .156, .172 and .189 sizes. The metric kit includes 1mm, 1.5mm, 2mm, 2.5mm, 3mm, 3.5mm, 4mm, 4.5mm, 5mm, 5.5mm, 6mm and 6.5mm sizes. **Our premium double end pin vise is included with the stainless steel kits only.**

## QUALITY BRUSHES - MADE IN USA

HOLE DIA.	BRUSH PART	STEM DIA.	DIAMOND 0.010/800	ALUMINUM OXIDE .012/600 OR .018/500	SILICON CARBIDE 0.018/500	SILICATE 0.008	STAINLESS STEEL WIRE SIZE
0.014"	1/4"	0.010"					81A014 0.003
0.018"	1/4"	0.010"					81A018 0.003
0.020"	1/4"	0.010"					81A020 0.003
0.024"	1/4"	0.015"					81A024 0.003
0.032"	5/8"	0.016"	81AD032800	81AY032600AO	81AY032500SC	81AY032SIL	81A032 0.002
0.047"	3/4"	0.026"	81AD047800	81AY047600AO	81AY047500SC	81AY047SIL	81A047 0.002
0.054"	3/4"	0.026"	81AD054800	81AY054600AO	81AY054500SC	81AY054SIL	81A054 0.002
0.063"	3/4"	0.034"	81AD063800	81AY063600AO	81AY063500SC		81A063 0.003
0.079"	3/4"	0.034"	81AD079800	81AY079600AO	81AY079500SC		81A079 0.003
0.094"	3/4"	0.043"	81AD094800	81AY094600AO	81AY094500SC		81A094 0.003
0.109"	3/4"	0.055"	81AD109800	81AY109600AO	81AY109500SC		81A109 0.003
0.125"	1"	0.055"	81AD125800	81AY125600AO	81AY125500SC		81A125 0.003
0.142"	1"	0.072"	81AD142800	81AY142600AO	81AY142500SC		81A142 0.003
0.156"	1"	0.072"	81AD156800	81AY156600AO	81AY156500SC		81A156 0.003
0.172"	1"	0.083"	81AD172800	81AY172600AO	81AY172500SC		81A172 0.003
0.189"	1"	0.083"	81AD189800	81AY189600AO	81AY189500SC		81A189 0.003
0.219"	1-1/2"	0.097"	81AD219800	81AY219600AO	81AY219500SC		81B219 0.003
0.250"	1-1/2"	0.110"	81AD250800	81AY250500AO	81AY250500SC		81B250 0.003
0.312"	1-1/2"	0.125"		81AY312500AO	81AY312500SC		81B312 0.004
0.375"	1-1/2"	0.140"		81AY375500AO	81AY375500SC		81B375 0.004
0.437"	1-1/2"	0.140"		81AY437500AO	81AY437500SC		81B437 0.004
0.500"	1-1/2"	0.168"		81AY500500AO	81AY500500SC		81B500 0.005

HOLE DIA.	BRUSH PART	STEM DIA.	DIAMOND 0.010/800	ALUMINUM OXIDE 0.012/600	SILICON CARBIDE 0.018/500	SILICATE 0.008	STAINLESS STEEL WIRE SIZE
1MM	5/8"	0.016"	81AD1M800	81AY1M600AO		81AY1MSIL	81A1M 0.002
1.5MM	5/8"	0.026"	81AD15M800	81AY15M600AO	81AY15M500SC	81AY15MSIL	81A15M 0.002
2MM	3/4"	0.034"	81AD2M800	81AY2M600AO	81AY2M500SC		81A2M 0.003
2.5MM	3/4"	0.043"	81AD25M800	81AY25M600AO	81AY25M500SC		81A25M 0.003
3MM	1"	0.055"	81AD3M800	81AY3M600AO	81AY3M500SC		81A3M 0.003
3.5MM	1"	0.055"	81AD35M800	81AY35M600AO	81AY35M500SC		81A35M 0.003
4MM	1"	0.072"	81AD4M800	81AY4M600AO	81AY4M500SC		81A4M 0.003
4.5MM	1"	0.083"	81AD45M800	81AY45M600AO	81AY45M500SC		81A45M 0.003
5MM	1"	0.083"	81AD5M800	81AY5M600AO	81AY5M500SC		81A5M 0.003
5.5MM	1"	0.097"	81AD55M800	81AY55M600AO	81AY55M500SC		81A55M 0.003
6MM	1"	0.110"	81AD6M800	81AY6M600AO	81AY6M500SC		81A6M 0.003
6.5MM	1"	0.110"	81AD65M800	81AY65M600AO	81AY65M500SC		81A65M 0.003

Available in: Aluminum Oxide Grits- 600, 500, 320, 180, 120, 80 Silicon Carbide Grits- 500, 320, 180, 120, 80 Diamond Mesh- 800

