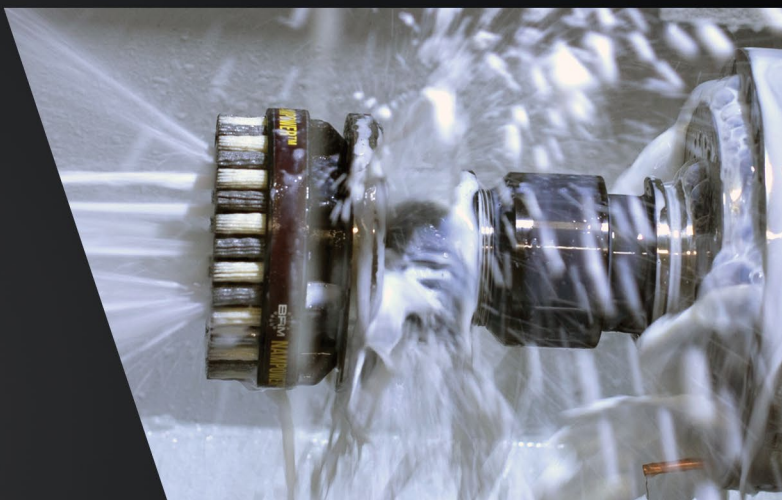


INNOVATORS IN BRUSH TECHNOLOGY

# NAMPOWER™

Nylon Abrasive Material Brushing Tools



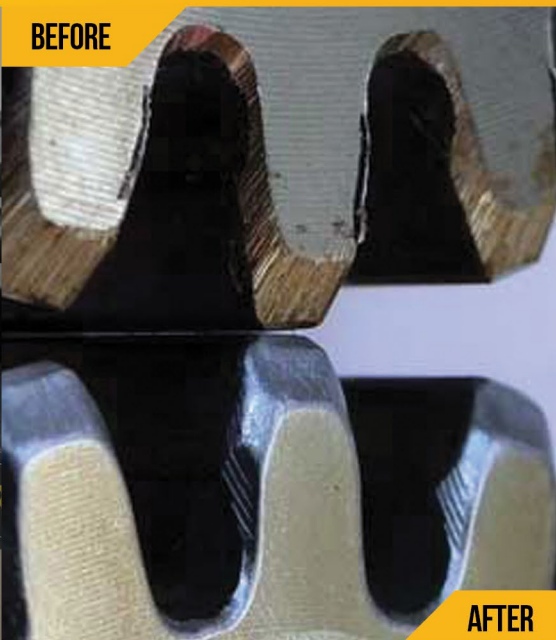
**INCREASE**  
performance

**DECREASE**  
costs

**BOOST**  
reliability



**BEFORE**



**AFTER**



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Brush Research Manufacturing is proud to offer the leading choice for in-line machine deburring, edge radiusing and surface finishing applications: Nampower™ Tools. These tools are the highest quality abrasive brush products found on the market today. Composed of flexible abrasive nylon filament, these high-performance tools create reliable, consistent and cost effective results. Nampower™ Tools are easily integrated into today's automated machinery, CNC machining centers, transfer lines and robotic cells.

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



# NAMPOWER DISC BRUSHES

## DOT STYLE



Dot Style disc brushes are used for general purpose edge deburring and surface finishing applications. The Dot style is an economical choice for light deburring applications when part conformity is important. Dot style brushes provide greater flexibility and allow entry into small holes and spaces with ease.

## TURBINE STYLE



Turbine style disc brushes are ideal for medium and heavy deburring applications. Our unique combination of Silicon Carbide and Ceramic filaments are used to allow the brushes to cut faster and last longer than any other brush on the market. The Turbine style filament is a high density fill that is ideal for short cycle times and long tool life.

DIAMETER	TRIM	GRIT	MSFS	PART # DOT	PART # TURBINE
50mm	18mm	80	6,500	ADD501880	ADT501880
50mm	18mm	120	6,500	ADD5018120	ADT5018120
50mm	18mm	180	6,500	ADD5018180	ADT5018180
50mm	18mm	320	6,500	ADD5018320	ADT5018320
60mm	18mm	80	5,500	ADD601880	ADT601880
60mm	18mm	120	5,500	ADD6018120	ADT6018120
60mm	18mm	180	5,500	ADD6018180	ADT6018180
60mm	18mm	320	5,500	ADD6018320	ADT6018320
80mm	18mm	80	4,000	ADD801880	ADT801880
80mm	18mm	120	4,000	ADD8018120	ADT8018120
80mm	18mm	180	4,000	ADD8018180	ADT8018180
80mm	18mm	320	4,000	ADD8018320	ADT8018320

## COMMON NAMPOWER APPLICATIONS

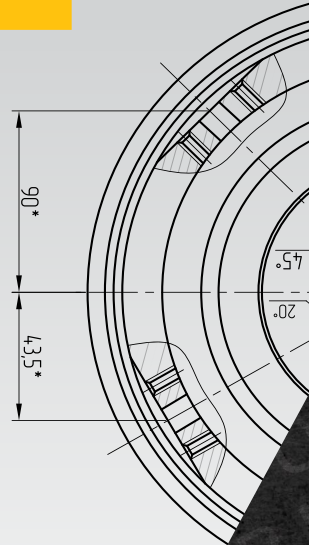
Brush Research introduces a truly unique approach to in-line machining and deburring systems with our combination filament disc brushes. BRM's new disc brushes are the highest professional grade tools on the market today. Manufactured using a fiber reinforced thermoplastic base, Nampower™ Disc Brushes provide greater rigidity and stability. This results in a more balanced tool that provides improved tool performance and longer tool life.

The Nampower™ product line works with materials which include but are not limited to: metallics, super alloys, plastics, composites, advanced composites, metal matrix, ceramics, woods and more. Now the advantages of abrasive nylon material can be used to automate finishing processes on VMC, HMC, FMC, CNC and robotic applications producing a consistent finish from part to part. BRM's Nampower™ line of abrasive nylon tools sets the standard for performance and reliability.

- + Deburring
- + Rust removal
- + Gasket cleaning & removal
- + Roughing
- + Finishing prior to painting and plating
- + Removal of silicon glue, paper gaskets and flash from rubber and plastic
- + Pre-cast concrete mold cleaning
- + Spot finishing
- + Improve surface finish
- + Weld cleaning
- + Clean fiberglass
- + Plastic automotive parts

# NAMPOWER DISC BRUSHES

DIAMETER	TRIM	GRIT	MSFS	PART # DOT	PART # TURBINE
100mm	18mm	80	2,200	ADD1001880	ADT1001880
100mm	18mm	120	2,200	ADD10018120	ADT10018120
100mm	18mm	180	2,200	ADD10018180	ADT10018180
100mm	18mm	320	2,200	ADD10018320	ADT10018320
100mm	38mm	80	2,200	ADD1003880	ADT1003880
100mm	38mm	120	2,200	ADD10038120	ADT10038120
100mm	38mm	180	2,200	ADD10038180	ADT10038180
100mm	38mm	320	2,200	ADD10038320	ADT10038320
125mm	18mm	80	2,000	ADD1251880	ADT1251880
125mm	18mm	120	2,000	ADD12518120	ADT12518120
125mm	18mm	180	2,000	ADD12518180	ADT12518180
125mm	18mm	320	2,000	ADD12518320	ADT12518320
125mm	38mm	80	2,000	ADD1253880	ADT1253880
125mm	38mm	120	2,000	ADD12538120	ADT12538120
125mm	38mm	180	2,000	ADD12538180	ADT12538180
125mm	38mm	320	2,000	ADD12538320	ADT12538320
150mm	18mm	80	1,800	ADD1501880	ADT1501880
150mm	18mm	120	1,800	ADD15018120	ADT15018120
150mm	18mm	180	1,800	ADD15018180	ADT15018180
150mm	18mm	320	1,800	ADD15018320	ADT15018320
150mm	38mm	80	1,800	ADD1503880	ADT1503880
150mm	38mm	120	1,800	ADD15038120	ADT15038120
150mm	38mm	180	1,800	ADD15038180	ADT15038180
150mm	38mm	320	1,800	ADD15038320	ADT15038320



## FLOW THROUGH TOOL HOLDERS

PART #	SHANK DIAMETER	HOLDER TYPE
ADHLWMP	25mm	Standard Collet Flow Through
ADHLWMSL	25mm	Standard Sidelock Collet Flow Through
ADH16P	16mm	Standard Collet Flow Through



All sizes of Dot style and Turbine style NamPower disc brushes are designed for use with our "Flow Through Coolant" holders. The reusable holder allows coolant to flow from the brush center. This results in better lubricant dispersion which permits the brush to run at greater cut depths and drastically reduces heat generation. 50mm, 60mm and 80mm brushes are designed to work with our 16mm shank. 100mm, 125mm and 150mm brushes are designed to work with our larger flow through coolant holders with 25mm shanks.



# NAMPOWER COMPOSITE HUB WHEEL BRUSHES



## DIAMOND WHEELS

DIAMETER	FACE WIDTH	TRIM LENGTH	ARBOR HOLE	GRIT	PART NUMBER
100mm (3.94")	5mm	12.5mm	20mm	.012/600	DW100X5X600
150mm (5.91")	10mm	19mm	3-1/4"	.012/600	DW150X10X600
150mm (5.91")	15mm	19mm	3-1/4"	.012/600	DW150X15X600
200mm (7.87")	10mm	30mm	3-1/4"	.012/600	DW200X10X600
200mm (7.87")	15mm	30mm	3-1/4"	.012/600	DW200X15X600

Ideal for polishing and producing edge radii on hard materials including diamond, CBN, ceramic, carbide, hardened tool steel and glass. Diamond filament wheel brushes are used to produce an edge radius on cutting tool inserts and to polish the flute relief on drills and end mills.

## ABRASIVE NYLON WHEELS & ADAPTERS

FACE WIDTH	ARBOR HOLE	GRIT	TRIM LENGTH 1-1/2"	TRIM LENGTH 2-1/2"
			6" (152mm) DIA. PART NUMBER	8" (203mm) DIA. PART NUMBER
1/2"	2"	.040/80 SC	CW61280SC	CW81280SC
1/2"	2"	.022/120 SC	CW612022120SC	CW812022120SC
1/2"	2"	.040/120 SC	CW612040120SC	CW812040120SC
1/2"	2"	.035/180 SC	CW612180SC	CW812180SC
1/2"	2"	.022/320 SC	CW612320SC	CW812320SC
1/2"	2"	.018/500 SC	CW612500SC	CW812500SC
1"	2"	.040/80 SC	CW6180SC	CW8180SC
1"	2"	.022/120 SC	CW61022120SC	CW81022120SC
1"	2"	.040/120 SC	CW61040120SC	CW81040120SC
1"	2"	.035/180 SC	CW61180SC	CW81180SC
1"	2"	.022/320 SC	CW61320SC	CW81320SC
1"	2"	.018/500 SC	CW61500SC	CW81500SC



An excellent alternative to standard wire wheel brushes. Their unique, balanced construction puts more cutting tips at the point of attack which results in better brush performance, less filament breakage and more even brush wear.

ARBOR SIZE	COMPOSITE WHEEL ADAPTER	DIAMOND WHEEL ADAPTER
1/2"	CWA2-12	DWA314-12
5/8"	CWA2-58	DWA314-58
3/4"	CWA2-34	DWA314-34
20mm	CWA2-20mm	DWA314-20mm
7/8"	CWA2-78	DWA314-78
1"	CWA2-1	DWA314-1
1-1/4"	CWA2-114	DWA314-114
1-1/2"	CWA2-112	DWA314-112

