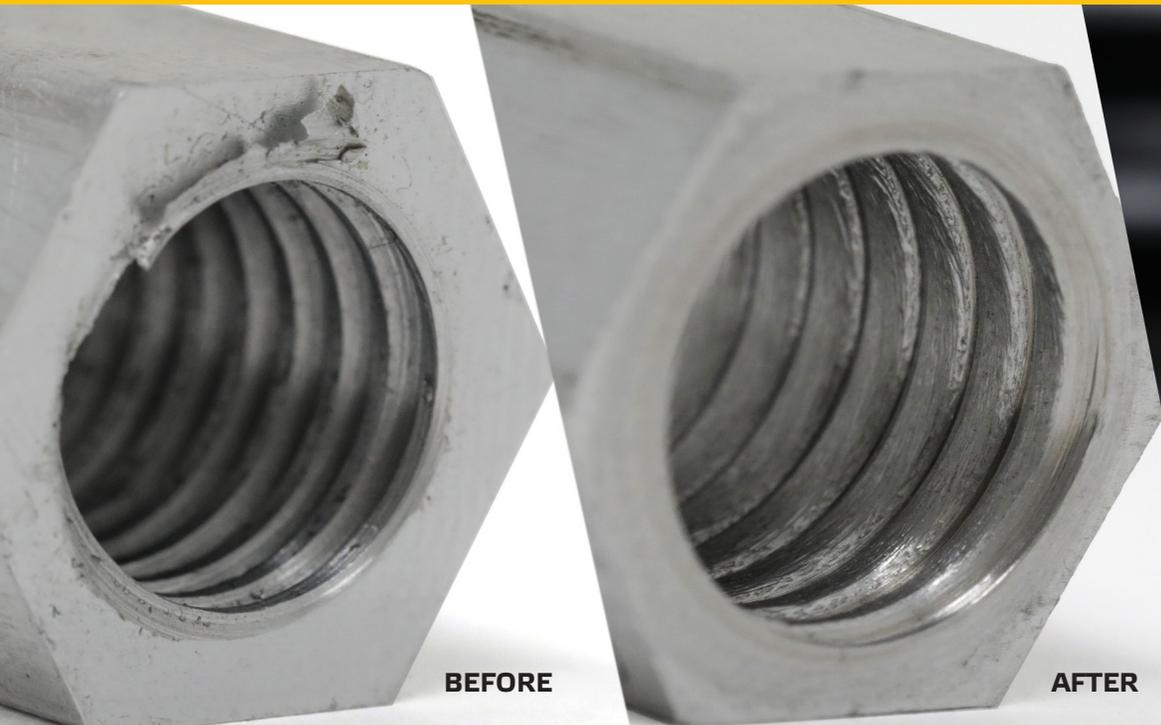


CERAMIC BRUSH THREAD DEBURRING



BEFORE

AFTER



MAXIMIZE VALUE PER PART - DEBURRING IN UNDER 5 SECONDS!

Frustrated with thread deburring? Deburring internal threads quickly and efficiently is a common setback in the manufacturing process. Burrs and debris get stuck in between threads causing the parts to be unusable. Hand deburring threads post-machining can be labor intensive. Deburred threads make it easier to fit precision components and decrease the amount of scrap or replacement parts needed for any job. Using Brush Research's ceramic tube brush, these 1/2-13 aluminum threads were deburred in under 5 seconds in a machine setup. This state-of-the-art ceramic abrasive filament, which has lasted 3-5 times longer than its competitors in testing, created significant cost savings when going from a manual deburring process to the use of our ceramic deburring brush on the machine. These tools are an ideal choice for optimizing and automating production deburring processes.

PRODUCT

DETAILS

OPERATING

PARAMETERS

BRUSH PART ID

85AY469022120CG

DESCRIPTION

.469" DIAMETER 120 GRIT CERAMIC TUBE BRUSH

ADDITIONAL EQUIPMENT

- VERTICAL MILLING MACHINE
- CAN BE USED IN VIRTUALLY ANY ROTATING SPINDLE

- SPEED - 500 RPM
- FEED - 150 IPM
- 4 PASSES CLOCKWISE
- **NOTE:** ONLY RUN IN A CLOCKWISE DIRECTION



BENEFITS

DIRECT BENEFITS

5 SECONDS PER PART

COMPLETELY DEBURR THREADS

PROVIDE RADIUS ON LEAD THREAD

PROVIDES IDEAL SURFACE FOR AN ALIGNED THREADED FIT

INDIRECT BENEFITS

REDUCE QUEUE TIMES

INCREASE SAFETY AND LESS INJURIES FROM REDUCED PART HANDLING

REDUCE CUSTOMER RETURNS AND REWORK

REDUCE MANUAL AND SECONDARY DEBURRING PROCESSES



NAMPOWER CERAMIC THREAD DEBURRING



INCH KIT PART ID - NPTDKIT

PART ID	IDEAL THREAD SIZE
80AY156022120CG	8-32
85AY187022120CG	10-24
85AY219022120CG	12-24
85AY250022120CG	1/4-20
85AY312022120CG	5/16-18
85AY344022120CG	3/8-16
85AY406022120CG	7/16-14
85AY469022120CG	1/2-13

METRIC KIT PART ID - NPTDMMKIT

PART ID	IDEAL THREAD SIZE
80AY4M022120CG	M4 X 0.70
85AY5M022120CG	M5 X 0.80
85AY6M022120CG	M6 X 1.00
85AY8M022120CG	M8 X 1.25
85AY10M022120CG	M10 X 1.50
85AY12M022120CG	M12 X 1.75
85AY14M022120CG	M14 X 2.00
85AY16M022120CG	M16 X 2.00

Designed for the 8 most common thread sizes using 0.022 diameter 120 grit high performance Ceramic filament that has lasted 3-5X longer than the competition.

QUALITY BRUSHES - MADE IN USA

INCH SIZES					METRIC SIZES				
HOLE DIA.	BRUSH PART	STEM DIA.	OAL	CERAMIC 0.022/120	HOLE DIA.	BRUSH PART	STEM DIA.	OAL	CERAMIC 0.022/120
0.156"	1.00"	0.073"	4.0"	80AY156022120CG	3.5MM	25.40MM	1.40MM	101.6MM	80AY35M022120CG
0.187"	1.00"	0.097"	4.0"	85AY187022120CG	4MM	25.40MM	1.85MM	101.6MM	80AY4M022120CG
0.219"	1.00"	0.112"	4.0"	85AY219022120CG	4.5MM	25.40MM	2.46MM	101.6MM	85AY45M022120CG
0.250"	1.25"	0.112"	4.0"	85AY250022120CG	5MM	25.40MM	2.46MM	101.6MM	85AY5M022120CG
0.281"	1.25"	0.125"	4.5"	85AY281022120CG	5.5MM	25.40MM	2.84MM	101.6MM	85AY55M022120CG
0.312"	1.25"	0.140"	4.5"	85AY312022120CG	6MM	31.75MM	2.84MM	114.3MM	85AY6M022120CG
0.344"	1.25"	0.140"	4.5"	85AY344022120CG	6.5MM	31.75MM	2.84MM	114.3MM	85AY65M022120CG
0.375"	1.25"	0.140"	4.5"	85AY375022120CG	7MM	31.75MM	3.18MM	114.3MM	85AY7M022120CG
0.406"	1.25"	0.168"	4.5"	85AY406022120CG	8MM	31.75MM	3.56MM	114.3MM	85AY8M022120CG
0.437"	1.25"	0.168"	4.5"	85AY437022120CG	9MM	31.75MM	3.56MM	114.3MM	85AY9M022120CG
0.469"	1.25"	0.168"	4.5"	85AY469022120CG	10MM	31.75MM	4.27MM	114.3MM	85AY10M022120CG
0.500"	1.50"	0.168"	5.0"	85AY500022120CG	11MM	31.75MM	4.27MM	114.3MM	85AY11M022120CG
0.562"	1.50"	0.190"	5.0"	85AY562022120CG	12MM	31.75MM	4.27MM	114.3MM	85AY12M022120CG
0.625"	1.50"	0.190"	5.0"	85AY625022120CG	13MM	31.75MM	4.27MM	114.3MM	85AY13M022120CG
					14MM	38.10MM	4.83MM	127MM	85AY14M022120CG
					15MM	38.10MM	4.83MM	127MM	85AY15M022120CG
					16MM	38.10MM	4.83MM	127MM	85AY16M022120CG



FOR FEEDS, SPEEDS AND OPERATING PARAMETERS, DOWNLOAD THE NAMPOWER RESOURCE GUIDE

NEED O.D. THREAD DEBURRING SOLUTIONS?

CHECK OUT THE REST OF THE NAMPOWER FAMILY!

END BRUSHES



AVAILABLE IN DIAMETERS
1/2", 3/4", 1", 1-1/2", 2"
IN 80, 120, 180, 320 GRIT

DISC BRUSHES



AVAILABLE IN DIAMETERS
50MM, 60MM, 80MM, 100MM, 125MM, 150MM
IN 80, 120, 180, 320 GRIT

WHEEL BRUSHES



AVAILABLE IN DIAMETERS
6", 8"
IN 80, 120, 180, 320, 500 GRIT



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Part ID- CT



CATALOG VERSION 2020

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