

Bradex[®] - An Abrasive Filament Deburring Solution

Innovative Disc Brush Design

- New **Bradex[®]** Abrasive Brush Line is now available.
- Available in V-Tuft or Tufted options.
- 80 Grit or 120 Grit options.
- Fits in most machining centers and deburring systems.
- Great for Surface Preparation, Deburring, Sharp Edge Removal and more!
- Contact your local distributor to learn more on how to purchase the new **Bradex[®]** Abrasive Brush.
- Available through distribution only.

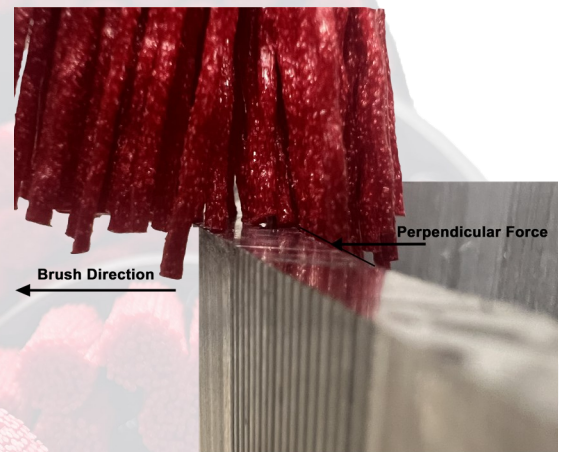


History of Bradex[®]

The Latin word *Abrade* means to remove excess material with force or friction, in the 20th century, a revolutionary product was introduced that uses force to remove excess material from metals called Bradex. Since 1980, Bradex has been trusted and used by companies all over the world to deburr their parts or remove the sharp edge to ensure safety to material handlers. Bradex has many uses as abrasive filament brushes can be used in multiple applications like surface preparation, blending marks, deburring, sharp edge removal, and finishing for designs.

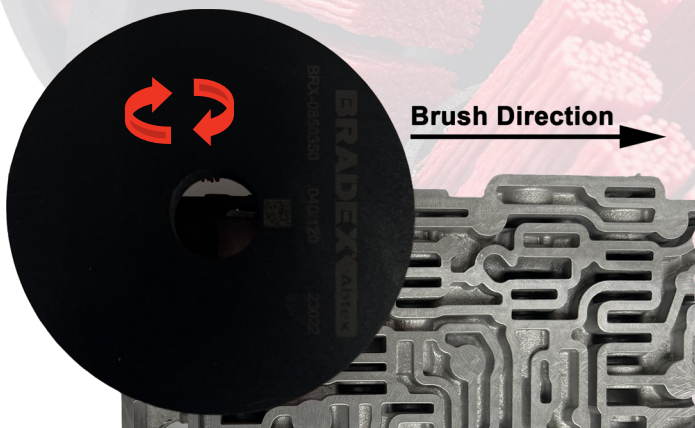
Tips on Optimizing the Deburring Process

To optimize the deburring process, the abrasive filament must strike the part edge at a perpendicular angle. As shown in the image on the right, the filaments are forced up and over the burrs and their cutting energy is transferred directly to where it's needed. The abrasive filament is more efficient to use rather than other deburring methods because of its self-sharpening capabilities.



Optimizing the Deburring Process (Top View)

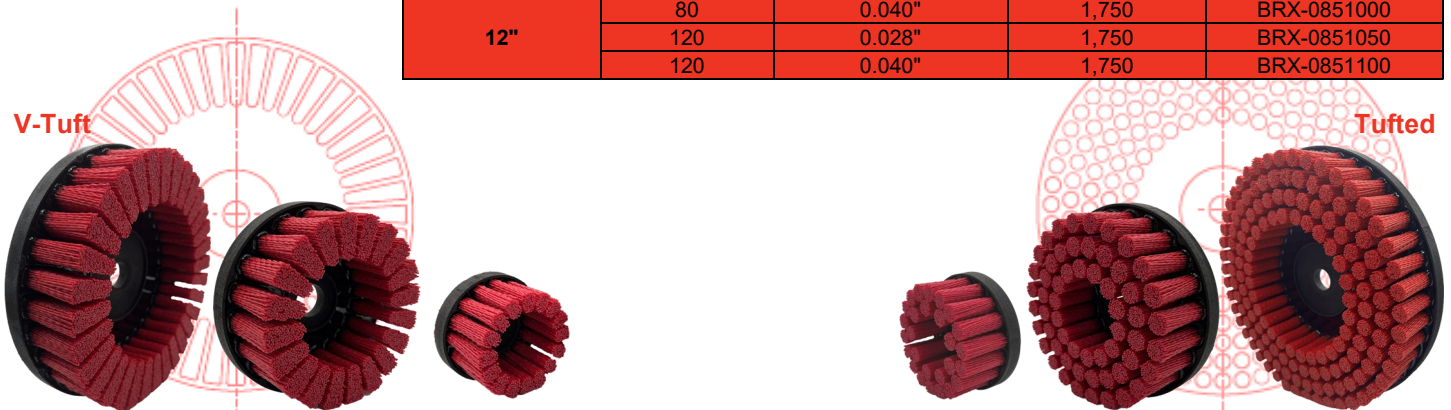
To the left of the page is a top view representation of the optimized way to align your part and the center of the abrasive filament brush. The brush should be larger than the surface area of your part for efficient deburring practices. With the correct placement of the brush, the filament will strike the part at a perpendicular angle, resulting in an optimized deburring process.



Bradex® Abrasive Filament Brush Guide and Specifications

Tufted Abrasive Filament Brush - This tufted brush's filament is more flexible, allowing the filaments to conform to the shape of your part for necessary burr or sharp edge removal. This style of brush is best for applications involving light burrs or requiring sharp edge removal.

BRUSH DIAMETER	FILAMENT GRIT	FILAMENT DIAMETER	MAX.RPM	Item Number
3"	80	0.040"	2,500	BRX-0850100
	120	0.028"	2,500	BRX-0850150
	120	0.040"	2,500	BRX-0850200
4"	80	0.040"	2,500	BRX-0850250
	120	0.028"	2,500	BRX-0850300
	120	0.040"	2,500	BRX-0850350
5"	80	0.040"	2,500	BRX-0850400
	120	0.028"	2,500	BRX-0850450
	120	0.040"	2,500	BRX-0850500
6"	80	0.040"	2,000	BRX-0850550
	120	0.028"	2,000	BRX-0850600
	120	0.040"	2,000	BRX-0850650
8"	80	0.040"	2,000	BRX-0850700
	120	0.028"	2,000	BRX-0850750
	120	0.040"	2,000	BRX-0850800
10"	80	0.040"	1,750	BRX-0850850
	120	0.028"	1,750	BRX-0850900
	120	0.040"	1,750	BRX-0850950
12"	80	0.040"	1,750	BRX-0851000
	120	0.028"	1,750	BRX-0851050
	120	0.040"	1,750	BRX-0851100



V-Tuft Abrasive Filament Brush - Ideal for more aggressive applications. The filaments are packed tighter together to prevent the filament from conforming around the burr. This style of brush is ideal for heavier metals like steel, requiring sharp edge removal, or, well attached burrs on aluminum, powdered metal, or fine-blanked parts.

BRUSH DIAMETER	FILAMENT GRIT	FILAMENT DIAMETER	MAX.RPM	Item Number
3"	80	0.040"	2,500	BRX-0750100
	120	0.028"	2,500	BRX-0750150
	120	0.040"	2,500	BRX-0750200
4"	80	0.040"	2,500	BRX-0750250
	120	0.028"	2,500	BRX-0750300
	120	0.040"	2,500	BRX-0750350
5"	80	0.040"	2,500	BRX-0750400
	120	0.028"	2,500	BRX-0750450
	120	0.040"	2,500	BRX-0750500
6"	80	0.040"	2,000	BRX-0750550
	120	0.028"	2,000	BRX-0750600
	120	0.040"	2,000	BRX-0750650
8"	80	0.040"	2,000	BRX-0750700
	120	0.028"	2,000	BRX-0750750
	120	0.040"	2,000	BRX-0750800
10"	80	0.040"	1,750	BRX-0750850
	120	0.028"	1,750	BRX-0750900
	120	0.040"	1,750	BRX-0750950
12"	80	0.040"	1,750	BRX-0751000
	120	0.028"	1,750	BRX-0751050
	120	0.040"	1,750	BRX-0751100