



Deburring and edge radiusing an aluminum cylinder head.

Nylox® Disc Brushes

Weiler's tufted construction offers increased aggression due to added filament density. This enables processing of severe burrs or generating larger edge radii in shorter cycle times. Our longer trim length allows for greater conformability and increased life, producing more parts-per-brush.

Applications

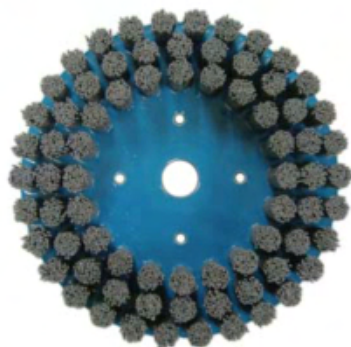
- ✓ Deburring and generating specific edge radii on the tooth profiles of machined gears, edges of blanked clutch plates, and flat surfaces of powdered-metal components
- ✓ Deburring and surface finishing flat parts, such as blanked compressor plates
- ✓ Removing burrs, blending tool marks, and finishing flat machined surfaces
- ✓ Ideal for use on custom-designed machines or in CNC machining centers

Crimped Filament Discs - Silicon Carbide - Composite Hub

Diameter	Filament Dia./Grit	Arbor Hole	Trim Length	Max. RPM	Item Number
3"	.018/500	7/8"	1-1/2"	2,500	85772
	.035/180				85776
	.040/120				85778
3-1/2"	.022/320	7/8"	1-1/2"	2,500	85792
	.035/180				85794
	.040/80				85798
4"	.022/320	7/8"	1-1/2"	2,500	85812
	.035/180				85814
	.040/120				85816
	.040/80				85818
5"	.035/180	7/8"	1-1/2"	2,500	85832
	.040/80				85836
6"	.035/180	7/8"	1-1/2"	2,000	85850
	.040/120				85852
	.040/80				85854
8"	.018/500	7/8"	1-1/2"	2,000	85904
	.022/320				85906
	.035/180				85908
	.040/120				85912
	.040/80				85914
10"	.018/500	7/8"	1-1/2"	1,750	85924
	.040/120				85930
	.040/80				85932
12"	.018/500	7/8"	1-1/2"	1,750	85942
	.022/320				85944
	.035/180				85946
	.040/120				85948
	.040/80				85950
14"	.018/500	5"	1-1/2"	1,500	85960
	.022/320				85962
	.040/120				85966
	.040/80				85968



85852



85912



85753



See adapters and drive arbors on page 87.



Note: See parameter summary on page 72 for additional information.

Crimped Filament Miniature Discs - Silicon Carbide

Diameter	Filament Dia./Grit	Trim Length	Max. RPM	Item Number
1-3/4"	.035/180	1-1/4"	6,000	85753
	.022/120			85751
	.040/80			85750

Operating Speeds - Discs

The maximum RPM for Nylox disc brushes is not the recommended operating speed. In some cases, the maximum RPM is almost double the optimum operating speed. For best results, Nylox discs should be operated at speeds below 3,500 SFPM (Surface Feet Per Minute). Below are recommended starting speeds.

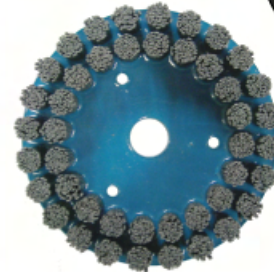
Diameter	RPM	Diameter	RPM
1-3/4"	1,750 - 2,000	10"	700 - 800
3"-4"	1,500 - 1,750	12"	600 - 700
5"-6"	1,250 - 1,500	14"	500 - 600
8"	800 - 1,000		

Rectangular Filament Discs (.045 x .090) -

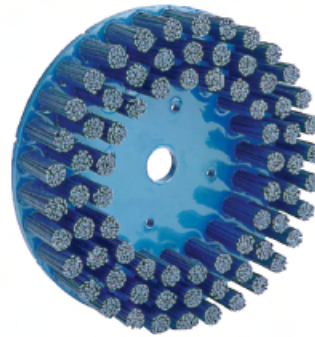
Silicon Carbide - Composite Hub

Diameter	Grit Size	Arbor Hole	Trim Length	Max. RPM	Item Number
3"	120	7/8"	1-1/2"	2,500	85786
	80				85788
3-1/2"	320	7/8"	1-1/2"	2,500	85800
	80				85806
4"	320	7/8"	1-1/2"	2,500	85820
	180				85822
	120				85824
	80				85826
5"	120	7/8"	1-1/2"	2,500	85842
	80				85844
6"	320	7/8"	1-1/2"	2,000	85856
	180				85858
	120				85860
	80				85862
8"	320	7/8"	1-1/2"	2,000	85916
	120				85920
	80				85922
10"	320	7/8"	1-1/2"	1,750	85934
	180				85936
	120				85938
	80				85940
12"	320	7/8"	1-1/2"	1,750	85952
	180				85954
	120				85956
	80				85958
14"	320	5"	1-1/2"	1,500	85970
	120				85974
	80				85976

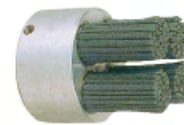
Deburring the edges
of an aluminum
engine cover.



85862



85920



85752

Rectangular Filament Miniature Disc Brush -

Silicon Carbide

Diameter	Grit Size	Trim Length	Max. RPM	Item Number
1-3/4"	80	1-1/4"	6,000	85752



Arbor & Drive Hole Specs for Disc Brushes

Brush Diameter	Arbor Hole Diameter	Drive Holes
3", 3-1/2", 4" & 5"	7/8"	(2) 1/4" dia. on a 1-1/4" dia. bolt circle
6"	7/8"	(3) 1/4" dia. on a 3" dia. bolt circle
8"	7/8"	(4) 1/4" dia. on a 3" dia. bolt circle
10"	7/8"	(4) 1/4" dia. on a 1.625" dia. bolt circle
12"	7/8"	(4) 1/4" dia. on a 1.625" dia. bolt circle
14"	5"	N.A.

FREE Nylox® Video - Item No. WB300

Our video demonstrates applications and advantages of Nylox Nylon Abrasive Filament Brushes.

For your free copy, contact Weiler at:
Phone: 800-835-9999 • Fax: 800-635-3615
or e-mail us at: info@weilercorp.com.



See adapters and drive arbors on page 87.