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Details on page A1.

The Operational Advantages of Power Brushes

THEY DON'T REMOVE BASE MATERIAL

The impact action of the wire tips of a rotating brush behave in the same manner as the media in a blasting operation and they have the same ability to separate surface contaminants without damaging the substrate.

Its compliant nature makes it an excellent choice for removing burrs and blending sharp edges without changing overall part dimensions after sawing, cutting, grinding, and machining operations.

NON-LOADING

Unlike bonded, coated, and non-woven abrasive products, power brushes will not load when used on softer materials or when removing paint or similar coatings from a harder surface. Because a power brush consists of a collection of individual wire filaments, there is no place for debris to accumulate and prevent the sharp wire tips from striking the work.

SELF-SHARPENING

As a power brush is used, the wire tips will naturally tend to wear to a point due to contact with the working surface. It is possible to take advantage of this self-sharpening action by periodically switching the mounting position of wheel brushes to maintain their speed and effectiveness.

Crimped Wire Cup Brush

Twist Wire Wheel Brush

Knotted Wire Cup Brush

Stringer Bead Twist Wheel Brush

WEILER

Arbor-Mount Grinder Wire Brushes

All brushes are made with high-tensile, heat-treated carbon steel wire, except where otherwise specified.

Crimped Wire Cup—Greater brushing flexibility for larger, flat surfaces and relatively fine finish.

Knot Wire Cup—For tight operations, corners and angle welds, curved surfaces, and pipe bevel cleaning. Double-row brush is for aggressive action in severe applications.

Knot Wire Wheel—Saucer-shaped radial wheels provide heavy-duty brushing and material removal, and still maintain some flexibility for cleaning filet welds and reaching into corners. Use with right angle grinders.

Stringer Bead Twist Wheel—Narrow brush face for stringer weld, piping, pipe grooves, and other hard-to-reach areas. Stainless steel brushes are recommended for aluminum, nonferrous alloyed metals, and stainless steel.

Twist Wire Wheel—For broader cleaning coverage, deburring, edge blending, and finishing. 3" wheels are used on straight grinders; 4" wheels are used on small angle grinders; and 6" wheels are used on bench and right angle grinders. Stainless steel brushes are recommended for aluminum, nonferrous alloyed metals, and stainless steel.

Brush Dia.	Wire Dia.	Arbor Hole Size	Trim Length	Max. RPM	Brand	Item No.
Crimped Wire Cup						
Carbon Steel						
2 ¾ in	0.02 in	⅜"-24	1 in	14,000	Weiler	**5HD66**
3 in	0.014 in	⅜"-24	1 in	14,000	Weiler	**5HD67**
	0.014 in	½"-13	1 in	14,000	Weiler	**3AC12**
	0.014 in	⅝"-11	1 in	14,000	Weiler	**3AC13**
3 ½ in	0.014 in	⅝"-11	⅞ in	12,000	Weiler	**6JXE3**
3 in	0.014 in	M10 x 1.25mm	1 in	14,000	Weiler	**3AC10**
4 in	0.014 in	⅝"-11	1 ⅜ in	10,200	Weiler	**4F715**
	0.02 in	⅝"-11	1 ⅜ in	10,200	Weiler	**5X893**
5 in	0.02 in	⅝"-11	1 ¼ in	9,000	Weiler	**4F716**
6 in	0.014 in	⅝"-11	1 ¼ in	6,600	Weiler	**4F717**
	0.02 in	⅝"-11	1 ¼ in	6,600	Weiler	**5X894**
Stainless Steel						
3 ½ in	0.014 in	⅝"-11	⅞ in	12,000	Weiler	**1PAJ9**
4 in	0.02 in	⅝"-11	1 ⅜ in	10,200	Weiler	**1PAK1**
Crimped Wire Wheels						
Carbon Steel						
2 in	0.014 in	½ in	½ in	20,000	—	**443N44**
3 in	0.014 in	½ in	1 in	20,000	—	**443M47**
	0.014 in	½ in	1 in	20,000	—	**443N32**
4 in	0.008 in	½ in	⅞ in	6,000	—	**443N71**
	0.008 in	½ in	⅞ in	12,500	—	**443P16**
	0.012 in	½ in	⅞ in	6,000	—	**443P11**
	0.012 in	½ in	⅞ in	12,500	—	**443P06**
	0.014 in	½ in	⅞ in	6,000	—	**443M81**
	0.014 in	½ in	⅞ in	6,000	—	**443N55**
6 in	0.008 in	⅝ in	1 ¼ in	6,000	—	**443N21**
	0.008 in	⅝ in	1 5⁄16 in	6,000	—	**443M95**
	0.009 in	⅝ in	1 ¼ in	6,000	—	**443M68**
	0.009 in	⅝ in	1 5⁄16 in	6,000	—	**443M93**
	0.012 in	⅝ in	1 ¼ in	6,000	—	**443M49**
	0.012 in	⅝ in	1 5⁄16 in	6,000	—	**443M91**
	0.014 in	⅝ in	1 ¼ in	6,000	—	**443M45**
	0.014 in	⅝ in	1 ¼ in	6,000	—	**443M58**
	0.014 in	⅝ in	1 ¼ in	6,000	—	**443M97**
	0.014 in	⅝ in	1 ¼ in	6,000	—	**443N80**
	0.014 in	⅝ in	1 5⁄16 in	4,500	—	**443N51**
	0.014 in	⅝ in	1 5⁄16 in	6,000	—	**443M67**
	0.014 in	⅝ in	1 5⁄16 in	6,000	—	**443N14**
	0.014 in	2 in	1 ¼ in	6,000	—	**443N11**
7 in	0.014 in	⅝ in	1 9⁄16 in	6,000	—	**443M78**
	0.014 in	⅝ in	1 9⁄16 in	6,000	—	**443M88**
8 in	0.008 in	⅝ in	1 ⅜ in	4,500	—	**443M21**
	0.014 in	⅝ in	1 ¾ in	6,000	—	**443M11**
	0.014 in	⅝ in	1 ⅝ in	4,500	—	**443M40**
	0.014 in	2 in	1 ¼ in	4,500	—	**443N10**
	0.014 in	2 in	1 ¾ in	4,500	—	**443M42**
	0.014 in	2 in	1 ¾ in	4,500	—	**443N83**
	0.014 in	2 in	1 ⅜ in	4,500	—	**443P26**
10 in	0.012 in	2 in	2 in	3,600	—	**443N62**
	0.014 in	¾ in	2 in	4,000	—	**443N01**
	0.014 in	2 in	1 ¾ in	4,000	—	**443N45**
	0.014 in	2 in	2 in	3,600	—	**443M94**
	0.014 in	2 in	2 in	4,000	—	**443N89**
	0.02 in	2 in	2 in	3,600	—	**443N43**
Stainless Steel						
3 in	0.014 in	½ in	1 in	20,000	—	**443M70**
6 in	0.012 in	⅝ in	1 ¼ in	6,000	—	**443N03**
	0.012 in	⅝ in	1 5⁄16 in	4,500	—	**443N16**
8 in	0.012 in	2 in	1 ⅜ in	4,500	—	**443P44**
Knotted Wire Cup						
Carbon Steel						
2 ¾ in	0.014 in	⅝"-11	1 in	14,000	Weiler	**6JXD9**
	0.02 in	½"-13	1 in	14,000	Weiler	**3AC08**
	0.02 in	⅝"-11	1 in	14,000	Weiler	**3AC09**
	0.02 in	M10 x 1.25mm	1 in	14,000	Weiler	**3AC06**
3 ½ in	0.014 in	⅝"-11	1 ¼ in	9,000	Weiler	**2FZ16**
	0.023 in	⅝"-11	⅞ in	13,000	Weiler	**1PAJ7**
4 in	0.014 in	⅝"-11	1 ¼ in	10,200	Weiler	**4F713**
	0.023 in	⅝"-11	1 ¼ in	10,200	Weiler	**5X891**
5 in	0.023 in	⅝"-11	1 ⅜ in	7,000	Weiler	**4F714**
6 in	0.014 in	⅝"-11	1 ⅜ in	6,600	Weiler	**3H593**
	0.023 in	⅝"-11	1 ⅜ in	6,600	Weiler	**5X892**
	0.023 in	⅝"-11	1 ⅜ in	6,600	Weiler	**2FZ15** *
	0.035 in	⅝"-11	1 ⅜ in	6,600	Weiler	**6JXD5**
Stainless Steel						
2 ¾ in	0.02 in	⅝"-11	1 in	14,000	Weiler	**1PAJ6**
3 ½ in	0.023 in	⅝"-11	⅞ in	13,000	Weiler	**1PAJ8**
4 in	0.014 in	⅝"-11	1 ¼ in	10,200	Weiler	**1PAK2**
	0.023 in	⅝"-11	1 ¼ in	10,200	Weiler	**1PAH5**
Knotted Wire Wheels						
Carbon Steel						
3 in	0.014 in	½ in	⅝ in	25,000	—	**443M74**
4 ½ in	0.02 in	⅝"-11	1 in	15,000	Weiler	**6JXE9**
6 in	0.02 in	⅝"-11	1 ¼ in	12,500	—	**443N31**
Stainless Steel						
4 ½ in	0.014 in	⅝"-11	1 in	15,000	Weiler	**6JXE7**
4 in	0.014 in	⅝"-11	⅞ in	6,000	Weiler	**1PAJ5**
Steel						
4 in	0.02 in	⅜ in	⅞ in	20,000	—	**443N02**
Stringer Bead Wheel						
Carbon Steel						
4 in	0.02 in	⅜"-24	⅞ in	20,000	Weiler	**5HD69**
4 ½ in	0.02 in	⅝"-11	13⁄16 in	15,000	Weiler	**6JXH8**
4 in	0.02 in	⅝"-11	⅞ in	20,000	Weiler	**3AC21**
	0.02 in	M10 x 1.25mm	⅞ in	20,000	Weiler	**3AC18**
	0.02 in	M10 x 1.50mm	⅞ in	20,000	Weiler	**3AC19**
5 in	0.02 in	⅝"-11	⅞ in	9,000	Weiler	**3H523**
6 in	0.02 in	⅝"-11	1 ⅛ in	12,500	Weiler	**3H505**
6 ⅞ in	0.02 in	⅝"-11	1 ⅛ in	20,000	Weiler	**3A201**
6 in	0.023 in	⅝"-11	1 ¼ in	12,500	Weiler	**3H503**
	0.023 in	⅝"-11	1 ⅜ in	9,000	Weiler	**3A200**
	0.023 in	⅝ in to ½ in	1 ⅜ in	12,500	Weiler	**5X890**
Stainless Steel						
4 in	0.02 in	⅜"-24	⅞ in	20,000	Weiler	**5HD70**
	0.02 in	⅝"-11	⅞ in	20,000	Weiler	**3H609**
	0.02 in	M10 x 1.25mm	⅞ in	20,000	Weiler	**3H607**
5 in	0.02 in	⅝"-11	⅞ in	20,000	Weiler	**1PAH6**
6 in	0.02 in	⅝"-11	1 ⅛ in	12,500	Weiler	**1PAH7**
6 ⅞ in	0.02 in	⅝"-11	1 ⅛ in	20,000	Weiler	**3H525**
Twisted Wire Wheels						
Carbon Steel						
3 in	0.012 in	½ in to ⅜ in	⅝ in	20,000	Weiler	**6JXC4**
	0.014 in	½ in to ⅜ in	⅝ in	20,000	Weiler	**3A198**
4 in	0.014 in	½ in	⅝ in	20,000	—	**443N60**
	0.014 in	½ in to ⅜ in	⅞ in	12,500	Weiler	**3A199**
	0.014 in	⅝ in to ½ in	⅞ in	20,000	Weiler	**6JXH3**
	0.014 in	⅝ in	⅞ in	20,000	—	**443N06**
	0.02 in	⅜"-24	⅞ in	20,000	—	**443N78**
	0.02 in	½"-13	⅞ in	20,000	Weiler	**3AC16**
	0.02 in	½ in to ⅜ in	⅞ in	20,000	Weiler	**6JXC7**
	0.02 in	⅝"-11	⅞ in	20,000	Weiler	**3AC17**
	0.02 in	⅝"-11	⅞ in	20,000	—	**443M01**
	0.02 in	⅝"-11	⅞ in	20,000	—	**443M07**
	0.02 in	⅝"-11	⅞ in	20,000	—	**443M12**
	0.02 in	M10 x 1.25mm	⅞ in	20,000	Weiler	**3AC14**
	0.02 in	M10 x 1.25mm	⅞ in	20,000	—	**443N64**
	0.02 in	M10 x 1.50mm	⅞ in	20,000	Weiler	**3AC15**
5 in	0.02 in	⅝"-11	⅞ in	12,500	—	**443M53**
6 in	0.014 in	⅝ in	1 ¼ in	9,000	—	**443M71**
	0.014 in	⅝ in to ½ in	1 ¼ in	12,500	Weiler	**4F718**
	0.02 in	⅝ in	1 ¼ in	9,000	—	**443N70**
	0.02 in	⅝"-11	1 in	12,500	—	**443P12**
	0.023 in	⅝ in to ½ in	1 ⅜ in	4,500	Weiler	**3H467**
	0.023 in	⅝"-11	1 ⅜ in	12,500	Weiler	**6JXC5**
	0.023 in	⅝ in to ½ in	1 ⅜ in	12,500	Weiler	**6JXC8**
7 in	0.02 in	⅝"-11	1 ½ in	9,000	—	**443M62**
8 in	0.02 in	⅝ in	1 ¼ in	8,500	—	**443M73**
	0.023 in	⅝ in	1 ⅝ in	6,000	Weiler	**6JXD2**
Stainless Steel						
3 in	0.014 in	½ in to ⅜ in	⅝ in	20,000	Weiler	**4F723**
4 in	0.014 in	½ in to ⅜ in	⅞ in	20,000	Weiler	**4F724**
	0.014 in	⅝"-11	⅞ in	20,000	—	**443M25**
	0.02 in	⅜"-24	⅞ in	20,000	Weiler	**5HD68**
	0.02 in	⅝"-11	⅞ in	20,000	—	**443M29**
	0.02 in	⅝"-11	⅞ in	20,000	—	**443M48**
5 in	0.02 in	⅝"-11	1 in	12,500	—	**443M82**
6 in	0.016 in	⅝ in to ½ in	1 ⅜ in	12,500	Weiler	**4F719**
	0.02 in	⅝"-11	1 ¼ in	12,500	—	**443N41**
8 in	0.023 in	⅝ in	1 ⅝ in	12,500	Weiler	**1PAH8**

** Double Row Cup*