

Cleaning the exhaust part of a gasoline engine.



Stem-Mounted Brushes

Weiler's brushes are permanently mounted on 1/4" steel stems, providing quick installation on chuck or collet. High RPM ratings provide faster finishing for the lowest cost-per-piece brushed.

Applications

- ✓ Cleaning and finishing recessed areas or I.D.s
- ✓ Die, mold and tool cleaning and polishing
- ✓ Rubber and plastic flash removal
- ✓ Rust and paint removal
- ✓ Scale and slag removal
- ✓ I.D. pipe cleaning
- ✓ Carbon cleaning
- ✓ Weld cleaning
- ✓ Deburring
- ✓ Spot facing

Crimped Wire End Brushes - Solid End

For light duty, general purpose applications.



Dia.	Wire Size	Trim Length	Max. RPM	Ref. Code	Item No.		
					Steel	Brass	Stainless
1/2"	.005	7/8"	25,000	EBA-20	—	10158	—
	.006				10001	—	10013
	.0104				10002	—	10014
	.014				10003	—	10015
	.020				10004	—	10016
3/4"	.006	7/8"	22,000	EBA-21	—	10005	—
	.0104				10006	—	10017
	.014				10007	—	10018
	.020				10008	—	10019
	—				10008	—	10020
1"	.005	7/8"	20,000	EBA-22	—	10128	—
	.006	1"	22,000		10009	—	10021
	.0104	—	—		10010	—	10022
	.0118	7/8"	20,000		—	10091	—
	.014	1"	22,000		10011	—	10023
	.020	1-1/8"	—		10012	—	10024
	—	—	—		—	—	—
	—	—	—		—	—	—

■ Available in Display Packaging. Add "P" to end of Item No. when placing order.

Crimped Wire End Brushes - Coated Cup

Protects the work surface from being scratched or marked.



Dia.	Wire Size	Trim Length	Max. RPM	Ref. Code	Item No.	
					Steel	Stainless
1/2"	.006	7/8"	25,000	EBA-20-P	11000	11010
	.0104	9/16"			11001	11011
3/4"	.006	7/8"	22,000	EBA-21-P	11003	11013
	.0104	—			11004	11014
1"	.006	7/8"	22,000	EBA-22-P	11006	11016
	.0104				11007	11017

Crimped Wire End Brushes - Banded - Solid End

Banded brushes provide shorter trim length which prevents flaring and provides more aggressive brushing action.



Dia.	Wire Size	Trim * Length	Max. RPM	Ref. Code	Item No.		
					Steel	Stainless	Aluminum
1/2"	.006	9/16"	20,000	EBR-20	11100	11110	—
	.0104				11101	—	—
3/4"	.006	7/16"	20,000	EBR-21	11102	11112	—
	.0104	3/8"			11103	11113	—
	—	—			—	—	—
1"	.006	3/8"	10,000	EBR-22	—	11114	—
	.0104				11105	11115	—
1"	.008	3/4"	20,000	EBR-22	—	—	10160

* Trim length from bands



Safety Tip for Mounting End Brushes

Mount the brush on the straight portion of the stem, not the curved portion.

End Brush Chucked Correctly



End Brush Chucked Incorrectly



All Stem-Mounted Brushes have a 1/4" stem.



10009



11016



11112



Cleaning around rivet holes on an aluminum aircraft panel.



10059

Pilot Bonding Brushes -

3/8" Trim Length - For rivet-hole cleaning operations in aircraft and aerospace industries.



Dia.	Wire Size	Pilot Dia.	Max. RPM	Ref. Code	Item No.	
					Steel	Stainless
1/2"	.005	3/32"	20,000	EP-3	10056	
		1/8"		EP-4	10057	
		5/32"		EP-5	10058	
		3/16"		EP-6	10059	

Polyflex® Encapsulated End Brushes -

Hollow Center - Burgundy Elastomer* - Standard Elastomer gradually wears exposing consistent short trim for maximum aggression and long life.



35545

Dia.	Wire Size	Trim Length	Max. RPM	Ref. Code	Item No.	
					Steel	Stainless
1/2"	.0104	7/8"	18,000	PEBH-20	35340	35500
3/4"	.0104	7/8"	16,000	PEBH-21	35345	35505
1"	.0104	7/8"	14,000	PEBH-22	35350	-
Orange Elastomer* - Heavy-Duty						
1/2"	.0104	7/8"	18,000	PEBH-20-HD	35535	-
3/4"	.0104	7/8"	16,000	PEBH-21-HD	35540	-
1"	.0104	7/8"	14,000	PEBH-22-HD	35545	-

* See Elastomer Color Code Chart on page 20 for more information.

Controlled Flare End Brushes -

Specifically designed for increased durability when cleaning right angles, corners, and fillet welds.



10310

Dia.	Wire Size	Trim Length	Max. RPM	Ref. Code	Item No.	
					Steel	Stainless
1/2"	.0104	7/8"	25,000	CFE-20	10301	10313
	.014				10302	10314
	.020				10303	10315
3/4"	.0104	7/8"	22,000	CFE-21	10305	10317
	.014				10306	10318
	.020				10307	10319
1"	.0104	1"	22,000	CFE-22	10309	10321
	.014				10310	10322
	.020	1-1/8"			10311	10323

Patent pending

The angle of the trim on a controlled flare end brush is designed to optimize the brushing action in hard-to-reach areas and reduce filament fatigue typically associated with a standard end brush when used in tight corners.



Standard Cimped Wire End Brush



Controlled Flare End Brush



When brushing a recessed area or the inside diameter of a tube, use an End Brush in the following manner: Insert the brush, start the brush rotating. Turn off the power before removing the brush.

This will prevent the brush from flaring out and enable it to fit into the recessed area again.



1. Insert Brush



2. Apply Power



3. Shut-Off Power



4. Remove Brush



All Stem-Mounted Brushes have a 1/4" stem.

Cleaning hard-to-reach fillet welds on a gasketed base plate.



Knot Wire End Brushes - Hollow End

Rugged knot-type construction provides aggressive, high-impact action for severe applications.



Dia.	Wire Size	Trim Length	Max. RPM	Ref. Code	Item No.			
					Steel	Stainless	Bronze	
1/2"	.006	1-1/8"	20,000	EBB-1/2	-	10215	-	
	.0104				10208	10216	-	
	.014				10217	10218	-	
3/4"	.006	1-1/8"	20,000	EBB-40	-	10220	-	
	.0104				10210	10211	-	
	.014	7/8"	22,000		10025	10029	-	
	.020				10026	10030	-	
1-1/8"	.006	1"	20,000	EBB-41	10141	10142*	-	
	.0104	1-1/8"			10212	10213	-	
	.0118				10187	-	-	
	.014	7/8"			22,000	10027	10031	-
	.020					10028	10032	10067

* Coated Cup

■ Available in Display Packaging. Add "P" to end of Item No. when placing order.



10028



11140

Knot Wire End Brushes - Banded

Banded brushes provide shorter trim for maximum aggression.



Dia.	Wire Size	Trim * Length	Max. RPM	Ref. Code	Item No.
					Steel
1-1/8"	.014	3/8"	18,000	EBBR-41	11140
	.020				11141

* Trim length from bands

Crimped Wire Radial Wheel Brushes -

Mounted between oversized sideplates for a shorter trim length and more aggressive brushing action.



Dia.	Wire Size	Trim Length	Max. RPM	Item No.	
				Steel	Stainless
1-1/2"	.006	3/8"	20,000	17950	17971
	.008			17951	17972
	.0118			17952	17973
	.014			17953	-
2"	.006	7/16"	20,000	17954	-
	.008			17955	17974
	.0118			17956	-
	.014			17957	17975
	.020			17958	-
	17959			17976	
2-1/2"	.008	9/16"	20,000	17961	-
	.0118			17962	17977
	.014			17963	-
	.020			17964	17978
3"	.008	13/16"	20,000	17965	-
	.0118			17966	17979
	.014			17967	-
	.020			17968	17981
4"	.008	1-5/16"	15,000	17969	17982
	.014			-	-



17950



17966

Concave Brushes - Narrow Face Concave Wire Wheels

For cleaning and deburring off-hand or on a drill press.



Dia.	Wire Size	Trim Length	Max. RPM	Ref. Code	Item No.	
					Steel	Stainless
1-1/2"	.006	3/8"	20,000	CFF-1-1/2	17901	17930
	.008				17902	-
	.0118				17903	17931
2"	.008	1/2"	20,000	CFF-2	17906	-
	.014				17907	17933
	17909				-	
2-1/2"	.006	5/8"	20,000	CFF-2-1/2	17912	17935
	.014				17914	17936
3"	.006	15/16"	20,000	CFF-3	17915	-
	.008				17917	17937
	.014				17919	-
4"	.008	1-1/4"	20,000	CFF-4	17922	-
	.014				17923	-



17907



NOTE All Stem-Mounted Brushes have a 1/4" stem.

Stem-Mounted Brushes - 1/4" Stem



Deflashing a cast iron engine block.



17616



17622



35310



17687



All Stem-Mounted Brushes have a 1/4" stem.

Conflex Brushes - Narrow Face Crimped Wire Wheels

For light-duty brushing action.



Dia.	Wire Size	Face Width	Trim Length	Max. RPM	Ref. Code	Item No.		
						Steel	Stainless	Brass
2"	.006	3/8"	1/2"	20,000	CFX-2	17609	-	-
	.0118					17610	17611	-
2-1/2"	.006	3/8"	3/4"	20,000	CFX-2-1/2	17612	-	-
	.014					17614	-	-
3"	.008	1/2"	1"	20,000	CFX-3	17615	-	-
	.0118					17616	-	17641
	.014					17617	17618	-

■ Available in Display Packaging. Add "P" to end of Item No. when placing order.

Conflex Brushes - Wide Face Crimped Wire Wheels

Covers a broader surface area.



Dia.	Wire Size	Face Width	Trim Length	Max. RPM	Ref. Code	Item No.	
						Steel	Stainless
1-1/4"	.006	1/2"	3/8"	20,000	CFX-1-1/4	17600	-
	.008					17601	-
1-1/2"	.006	1/2"	1/2"	20,000	CFX-1-1/2	17602	-
	.008					17603	-
	.0118					17604	-
1-3/4"	.006	1/2"	5/8"	20,000	CFX-1-3/4	17605	-
	.008					-	17608
2"	.0118	3/4"	7/16"	20,000	CFX-2	17619	-
2-1/2"	.014	3/4"	11/16"	20,000	CFX-2-1/2	17620	-
3"	.008	1"	15/16"	20,000	CFX-3	17621	17637
	.0118					17622	-
	.014					17623	-

Polyflex® Encapsulated Conflex Brushes -

Burgundy Elastomer* - Standard. Elastomer gradually wears exposing consistent short trim for maximum aggression and long life.



Dia.	Wire Size	Face Width	Trim Length	Max. RPM	Ref. Code	Item No.
						Steel
2"	.0118	1/4"	1/2"	20,000	PCFX-2	35305
3"	.008	1/4"	1"	20,000	PCFX-3	35310
	.0118					35315

* See Elastomer Color Code Chart on page 20 for more information.

Knot Wire Wheels - Standard Twist

Rugged knot-type construction provides aggressive, high-impact action for severe applications.



Dia.	Wire Size	Face Width	Trim Length	Max. RPM	Ref. Code	Item No.	
						Steel	Stainless
3-1/4"	.0118	3/8"	5/8"	25,000	STM-3	17680	-
	.014					17681	17684
	.020					17682	-
4"	.0118	1/2"	7/8"	20,000	STM-4	17686	-
	.014					17687	17691
	.020					17689	-

Cleaning the sides and bottom of a deep drawn part using a square brush.



Crimped Wire Cup Brushes -

For general purpose applications on large surface areas.



Dia.	Wire Size	Trim Length	Max. RPM	Ref. Code	Item No.		
					Steel	Stainless	Brass
1-3/4"	.006	3/4"	13,000	UC-14	14300	14303	14310
	.0118				14301	14304	14314
2"	.008	5/8"	13,000	UC-2	14313	14318	-
	.0118				14306	14319	-
2-1/2"	.008	7/8"	13,000	UC-2-1/2	14315	14320	-
	.014				14317	14321	-
2-3/4"	.0118	7/8"	6,000	UC-22	14302	-	14311



14302

Pencil End Brushes -

Light-duty brushes for cleaning in small holes and confined areas.



Tube Dia.	Wire Size	Trim Length	Overall Length	Max. RPM	Ref. Code	Item No.	
						Steel	Stainless
1/4"	.0104	3/4"	3-3/4"	8,000	PE-1/4	99825	99823



99825

Square Brushes -

For cleaning hole sides and bottom in a single step.



Sq. Dia.	Wire Size	Overall Length	Max. RPM	Ref. Code	Item No.
					Steel
1"	.006	3-5/8"	4,500	SQ-1	33000
1-1/16"	.006	3-11/16"	4,500	SQ-1-1/16	33002
1-1/4"	.006	3-3/4"	4,500	SQ-1-1/4	33003
1-1/2"	.006	3-7/8"	4,500	SQ-1-1/2	33005
1-7/8"	.006	4-1/16"	4,500	SQ-1-7/8	33009



33009

Circular Flared End Brushes -

Accommodates the natural working angle; for broad range of surfaces and contours.



Dia.	Wire Size	Max. RPM	Ref. Code	Item No.	
				Steel	Stainless
1"	.006	25,000	EBC-60	10033	10042
	.008			10034	10043
	.020			10099	-
1-1/4"	.006	20,000	EBC-605	10076	-
	.008			10035	-
	.020			-	-
1-1/2"	.006	20,000	EBC-61	10044	10045
	.008			10037	10046
	.020			10038	10047
2"	.014	25,000	EBC-2	11142	-
2-3/4"	.008	16,000	EBC-62	10039	10048
	.020			10040	-
	.020			-	-
3"	.006	16,000	EBC-63	10150	10151
	.008			10041	10050
	.014			10134	-
	.020			10073	10074
4"	.008	15,000	EBC-64	10103	96705



10041

Polyflex® Encapsulated Flared End Brushes -

Extra Heavy-Duty. Elastomer gradually wears exposing consistent short trim for maximum aggression and long life.



O.D. Dia.	Wire Size	Cup Size	Max. RPM	Ref. Code	Item No.	
					Steel	Stainless
1-3/4"	.006	3/4"	25,000	PBBC-1-3/4	35222	-
	.0104				35223	35226
	.020				35224	-
2"	.006	3/4"	20,000	PEBC-2	35232	-
	.0104				35233	-
	.020				35234	-
2-3/4"	.006	1"	16,000	PBBC-2-3/4	35296	-
	.0104				35297	35299
	.020				35298	-



35297



NOTE All Stem-Mounted Brushes have a 1/4" stem.

* See Elastomer Color Code Chart on page 20 for more information.