

Knot Wire Cup Brushes

Wire Cup Brushes - Wire cup brushes are intended primarily for use on portable power tools for addressing larger surface areas more efficiently than a wheel brush. Cup brushes featuring a threaded nut are designed for smooth, efficient operation on angle grinders to make quick work of large jobs. Utility cup brushes featuring a permanently-attached 1/4" stem are more suitable for smaller jobs and are recommended for use on high-speed air tools for the most effective brushing action and longest life.

Cup brushes are available in a variety of knot wire and crimped wire configurations for use in a broad range of surface cleaning applications, and they are manufactured with individual knot hole and solid ring construction for high performance and long life. Weiler's cup brushes are available in heat-treated steel, Type 302 stainless steel, and bronze or brass wire.

Applications

- Removing paint and coatings
- Cleaning rust, scale, and corrosion
- Deburring
- Weld prep and cleaning
- Removal of slag from the edges of plasma-cut or flame-cut plates

Knot Wire Cup Brushes - Single Row - Provide heavy-duty brushing action with some flexibility; ideal for demanding cleaning applications on relatively flat surfaces.



Dia.	Wire Size	Arbor Hole	Trim Length	Max. RPM	Standard Pack	Item Number		
						Steel	Stainless	Bronze
2-3/4"	.014	M10 x 1.25	1"	14,000	1	13015	-	-
		M10 x 1.50				13016	-	-
		M14 x 2.0				13020	-	-
		3/8"-24 UNF				13021	-	-
		5/8"-11 UNC				13025 ■	-	-
2-3/4"	.020	M10 x 1.25	1"	14,000	1	13281 ■	13253	-
		M10 x 1.50				13282	13254	-
		M14 x 2.0				13283	13255	-
		3/8"-24 UNF				13284	13256	-
		1/2"-13 UNC				13285	13257	-
		5/8"-11 UNC				13286 ■	13258	13299
3-1/2"	.023	M10 x 1.25	7/8"	13,000	1	13150	-	-
		M10 x 1.50				13151	-	-
		M14 x 2.0				13152	13159	-
		3/8"-24 UNF				13153	13160	-
		1/2"-13 UNC				13155	-	-
		5/8"-11 UNC				13156 ■	13163	-
3-1/2"	.014 .020	5/8"-11 UNC	1-1/4"	9,000	1	12736	-	-
						12746	-	-
4"	.014 .020 .023 .035	5/8"-11 UNC	1-1/4"	10,200	1	12306	12406	-
						-	-	12776
						12316 ■	12416	-
						12326	-	-
4"	.023	5/8"-11 UNC	1-1/4"	10,200	1	12206❖	-	-
4"	.023	5/8"-11 UNC	1-1/4"	10,200	1	12826*	-	-
5"	.014 .023	5/8"-11 UNC	1-3/8"	9,000	1	12256*	-	-
						12276 ■*	-	-
6"	.014 .023 .035	5/8"-11 UNC	1-3/8"	6,600	1	12356	12456	-
						12376 ■	12476	-
						12396	-	-
6"	.023	5/8"-11 UNC	1-3/8"	6,600	1	12816*	-	-
6"	.014 .023 .035	5/8"-11 UNC	1-5/8"	6,000	1	12846	-	-
						12856	12886	-
						12866	-	-

* With internal nut ❖ Cable Twist

■ Available in Display Packaging. Add "P" to end of Item Number when placing order. See page 171 for details.



Most Weiler wire brushes are 100% recyclable.



Removing slag from a flame-cut steel plate.



13016



13156



12276

Knot Wire Cup Brushes

Knot Wire Cup Brushes

Vortec Pro® Knot Wire Cup Brushes - Single Row - Provide an aggressive brushing action for general-purpose surface cleaning applications.



Dia.	Wire Size	Wire Type	Arbor Hole	Max. RPM	Display Pack Item No.	Boxed Qty. Item No.
3"	.020" Coarse	Carbon	5/8"-11	14,000	36038	36238
		Stainless	5/8"-11		36039	36239
		Carbon	M10 x 1.25		36041	36241
		Carbon	M10 x 1.50		36042	36242
		Carbon	M14 x 2.0		36043	36243
3-1/2"	.020" Coarse	Carbon	5/8"-11	13,000	36066	-
4"	.025" Coarse	Carbon	5/8"-11	10,200	36044	36244
5"	.023" Coarse	Carbon	5/8"-11	7,000	36070	-
6"	.025" Coarse	Carbon	5/8"-11	6,600	36045	36245

Knot Wire Cup Brushes - Banded - Single Row - Feature a removable metal band around fill material to reduce the exposed trim length and limit brush flaring at operating speed to provide a very aggressive, controlled brushing action.



Dia.	Wire Size	Arbor Hole	Trim Length	Max. RPM	Standard Pack	Item Number	
						Steel	Stainless
2-3/4"	.014	5/8"-11 UNC	5/8"	12,500	1	13300	-
	.020					13301	13302
4"	.023	5/8"-11 UNC	7/8"	10,200	1	12301	-
5"	.023	5/8"-11 UNC	7/8"	6,600	1	12120	-

Knot Wire Cup Brushes - 1-1/2 Rows - Feature an internal nut for use on dedicated equipment such as line traveling machines that clean and prep OD of pipe prior to coating.

Dia.	Wire Size	Arbor Hole	Trim Length	Max. RPM	Std. Pack	Item Number - Steel	
4"	.023	5/8"-11 UNC	1-1/4"	7,000	1	94012	
6"	.030	5/8"-11 UNC	1-3/8"	4,000	1	94092	

Knot Wire Cup Brushes - Double Row - Provide very aggressive brushing while still maintaining some flexibility; ideal for severe cleaning applications.



Dia.	Wire Size	Arbor Hole	Trim Length	Max. RPM	Standard Pack	Item Number	
						Steel	Stainless
4"	.014	5/8"-11 UNC	1-1/4"	9,000	1	12756	-
	.020					12766	12726
6"	.014	5/8"-11 UNC	1-3/8"	6,600	1	12536	-
	.023					12556	12636
	.035					12576	-
6"	.014	5/8"-11 UNC	1-1/2"	6,000	1	12906	-
	.023					12916	-
	.035					12926	-

Knot Wire Cup Brushes - Banded - Double Row - Feature a removable metal band around fill material to reduce the exposed trim length and limit brush flaring to provide an extremely aggressive, controlled brushing action for the most severe applications.



Dia.	Wire Size	Arbor Hole	Trim Length	Max. RPM	Std. Pack	Item Number - Steel	
4"	.020	5/8"-11 UNC	7/8"	9,000	1	12796	
6"	.023	5/8"-11 UNC	7/8"	6,600	1	12676	
	.035					12686	

Polyflex™ Encapsulated Crimped Wire Cup Brushes - Feature fill material that has been encapsulated in an elastomer which gradually wears away to keep only the wire tips exposed; ideal for applications on flat surfaces that require maximum aggression but no flexibility in the brushing action.



Dia.	Wire Size	Arbor Hole	Trim Length	Max. RPM	Std. Pack	Item Number - Steel	
3-1/2"	.014	5/8"-11 UNC	7/8"	12,000	1	35406	
4"	.020	5/8"-11 UNC	1-1/8"	9,000	1	35186	
6"	.020	5/8"-11 UNC	1-1/4"	6,000	1	35006	
Orange Elastomer* - Heavy-Duty							
6"	.020	5/8"-11 UNC	1-1/4"	6,000	1	35530	
Black Elastomer* - Extra Heavy-Duty							
6"	.020	5/8"-11 UNC	1-1/4"	6,000	1	35760	

* See Elastomer Color Code Chart on page 18 for more information.

Cleaning a weld joint and removing surrounding spatter with a banded knot cup brush.



36244



13301



12556



12676



35406

Knot Wire Cup Brushes

Crimped Wire Cup Brushes

Crimped Wire Cup Brushes - Very flexible brushing action and the most consistent performance for demanding light-duty cleaning applications; feature a threaded nut for use on angle grinders.



Dia.	Wire Size	Arbor Hole	Trim Length	Max. RPM	Standard Pack	Item Number	
						Steel	Stainless
3"	.014	M10 x 1.25	1"	14,000	1	13240 ■▲	-
		M10 x 1.50				13241	-
		M14 x 2.0				13242	-
		3/8"-24 UNF				13243	-
		1/2"-13 UNC				13244	-
		5/8"-11 UNC				13245 ■	-
3-1/2"	.014	M10 x 1.25	7/8"	12,000	1	13175	13182
		M10 x 1.50				13176	13183
		M14 x 2.0				13177	13184
		3/8"-24 UNF				13178	13185
		1/2"-13 UNC				-	13187
		5/8"-11 UNC				13181	13188
4"	.0118 .014 .020	5/8"-11 UNC	1-3/8"	10,200	1	14016	-
						14026	-
						14036 ■▲	14126
5"	.014 .020	5/8"-11 UNC	1-1/4"	9,000	1	14206 ▲	-
						14216	14256
6"	.014 .020	5/8"-11 UNC	1-1/4"	6,600	1	14066 ▲*	-
						14076 ■*	14166*

* With internal nut

▲ Available in non-sparking brass & bronze wire, see page 57 for details.

■ Available in Display Packaging. Add "P" to end of Item Number when placing order. See page 170 for details.

Vortec Pro® Crimped Wire Cup Brushes - Provide flexible brushing action and cost-effective performance in general purpose cleaning applications.



Dia.	Wire Size	Wire Type	Arbor Hole	Max. RPM	Display Pack Item No.	Boxed Qty. Item No.
3"	.014" Coarse	Carbon	5/8"-11	14,000	36031	36231
			1/2"-13		36032	36232
			M10 x 1.25		36033	36233
			M10 x 1.50		36034	36234
			M14 x 2.0		36035	36235
3-1/2"	.014" Coarse	Carbon	5/8"-11	12,000	36068	-
4"	.020" Coarse	Carbon	5/8"-11	9,000	36036	36236
5"	.020" Coarse	Carbon	5/8"-11	9,000	36061	36261
6"	.020" Coarse	Carbon	5/8"-11	6,600	36037	36237

Cup Brushes with Stem - Designed primarily for use on high speed die grinders, cup brushes with permanently attached stems can also be used on drills.

Utility Crimped Wire Cup Brushes - Smaller diameter cup brushes which provide flexible brushing action and consistent performance for more demanding light-duty cleaning applications; featuring a 1/4" stem for use on air tools.



Dia.	Wire Size	Trim Length	Max. RPM	Standard Pack	Item Number		
					Steel	Stainless	Brass
1-3/4"	.006	3/4"	13,000	10	14300	14303	14310
	.0118				14301	14304	14314
2"	.008	5/8"	13,000	10	14313	14318	-
	.0118				14306	14319	-
2-1/2"	.008	7/8"	13,000	10	14315	14320	-
	.014				14317	14321	-
2-3/4"	.0118	7/8"	6,000	1	14302	-	14311

Vortec Pro® Utility Crimped Wire Cup Brushes - Designed to be a flexible and economic small diameter brushing tool for a broad range of general purpose applications using air tools or drills. 1/4" Stem.



Dia.	Wire Size	Wire Type	Trim Length	Max. RPM	Display Pack Item #	Boxed Qty. Item #
2"	.008" Fine	Carbon	5/8"	13,000	36060	36260
	.014" Coarse	Carbon			36029	36229
3"	.014" Coarse	Carbon	7/8"	13,000	36030	36230



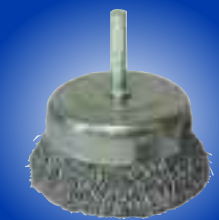
Removing paint from a steel surface with a crimped wire cup brush.



13245



14301



36230

Crimped Wire Cup Brushes