

# 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

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**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
<b>Orange Elastomer* - Heavy-Duty</b>						
6"	.020	5/8"-11 UNC	1-1/4"	6,000	1	35530
<b>Black Elastomer* - Extra Heavy-Duty</b>						
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

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