#### STAR TOOL SUPPLY / GRAND TOOL SUPPLY

#### WIRE WHEEL BRUSHES-FINEST INDUSTRIAL QUALITY

**SERIES 545:** 



Deburring • Edge Blending • Cleaning and rust removal • Roughing for adhesion • Finishing for appearance • Flash removal - rubber and plastic parts.

Stainless steel wire is highly resistant to corrosion and high temperatures and should be used where heat and contamination is a factor. It is used in brushing aluminum, stainless and other exotic metals.

## CRIMPED WIRE - NARROW FACE DM TYPE

#### **Brush Characteristics:**

- Narrow brushing face. High flexibility-long trim
- · Highest quality oil tempered crimped wire
- Fine to medium coarse brushing action
- Gang mount for wide brush face

The **DM line** is particularly well suited for jobs where the brushing area is narrow or the surface or edge is flat.

		Approx.				Carbon		Stainless	
I	Dia.	Face	Trim Lgth	Wire Sze	Arbor Hole	Order No.	Price	Order No.	Price
ľ	4	11/32	15/16	.006	1/2-3/8	4503063		9503123	
ı	4	11/32	15/16	.0118	1/2-3/8	4503103		4503153	
ı	4	11/32	15/16	.014	1/2-3/8	4503113		-	
ı	6	7/16	1-7/16	.006	5/8-1/2	4503174		4503234	
ı	6	7/16	1-7/16	.0118	5/8-1/2	4503204		4503254	
ı	6	7/16	1-7/16	.014	5/8-1/2	4503214		9503264	
ı	8	1/2	1-13/16	.006	5/8-1/2	4503274		4503334	
ı	8	1/2	1-13/16	.0118	5/8-1/2	4503304		-	
ı	8	1/2	1-13/16	.014	5/8-1/2	4503314		-	
ı		I		1					



#### **Brush Characteristics:**

**CRIMPED WIRE -**

**MEDIUM FACE** 

**DMX TYPE** 

• High performance general purpose wheel • Heavily filled with highest quality oil tempered crimped wire • Fixed arbor design permits stacking for wide face brushing

	Approx.				Ca	rbon	Stainless	
	Face	Trim	Wire	Arbor	Order		Order	
Dia.	Width	Lgth	Size	Hole	No.	Price	No.	Price
4-1/4	3/4	5/8	.0118	5/8-1/2	4501564		-	
4-1/4	3/4	5/8	.014	5/8-1/2	4501574		-	
6	3/4	1-1/8	.006	5/8-1/2	4501594		-	
6	3/4	1-1/8	.0118	5/8-1/2	4501534		4502124	
6	3/4	1-1/8	.014	5/8-1/2	4501544		4502134	
8	3/4	1-1/2	.006	5/8-1/2	4501944		-	
8	3/4	1-1/2	.0118	5/8-1/2	4501964		-	
8	3/4	1-1/2	.014	5/8-1/2	4501974		-	
10	1	2-1/2	.014	3/4	4502026		-	

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## CRIMPED WIRE MEDIUM FACE 2" ARBOR HOLE DATYPE



#### **Brush Characteristics:**

Absolute lowest end-of-service cost
 Maximum desirable wire points at brush face
 Highest quality oil tempered crimped wire
 Low flexibility fast cutting action
 Iong life
 Uniform brushing action

	Approx.			Carbon		Stainless	
Dia.	Face Width	Trim Lgth	Wire Size	Order No.	Price	Order No.	Price
6	1-1/8	1-1/8	.006	4501104		4501174	
6	1-1/8	1-1/8	.0118	4501134		4501204	
6	1-1/8	1-1/8	.014	4501144		4501214	
8	1-1/8	1-1/2	.006	4501294		4501344	
8	1-1/8	1-1/2	.010	4501304		-	
8	1-1/8	1-1/2	.0118	4501314		4501364	
8	1-1/8	1-1/2	.014	4501324		4501374	

DA wheels fit directly on 2" diameter arbors without adapters. Adapters are required for mounting on smaller arbors. One pair is required for each wheel. These must be ordered separately.

4501334

#### **ALN 2" ADAPTORS**

1-1/8

Used in pairs with DA Type wheels.

1-1/2

.020



Arbor Hole	Order No.	Price/ Pair
1/2	4537722	
5/8	4537723	
3/4	4537725	
7/8	4537726	
1	4537728	
1-1/4	4537730	
1-1/2	4537732	

### KNOT TYPE - MEDIUM FACE WTS-KTYPE

#### **Brush Characteristics:**

Twisted tuft straight wire construction for very strong high impact brushing action • High to medium flexibility.

• Highest quality oil tempered carbon and stainless steel wire.

#### **Popular Applications:**

- Weld cleaning Weld spatter removal (cable) Scale removal
- Cleaning Deburring Flash removal

	Approx.				Cark	oon	Stainless	
Dia.	Face Width	Trim Lgth	Wire Size	Arbor Hole	Order No.	Price	Order No.	Price
4	1/2	7/8	.0118	1/2-3/8	4513573		4513613	
4	1/2	7/8	.014	1/2-3/8	4513583		4513623	
4	1/2	7/8	.020	1/2-3/8	4513603		4513643	
6	1/2	1-7/16	.0118	5/8-1/2	4513664		4513744	
6	1/2	1-7/16	.014	5/8-1/2	4513674		4513754	
6	1/2	1-7/16	.016	5/8-1/2	4513684		4513764	
8	5/8	1-3/4	.0118	5/8-1/2	4513874		-	
8	5/8	1-3/4	.014	5/8-1/2	4513884		4513944	
8	5/8	1-3/4	.016	5/8-1/2	4513894		4513954	



#### **WIRE CUP BRUSHES**

**SERIES 546:** 



Cup brushes have 5/8"-11 arbor holes.

#### **Popular Applications:**

• Heavy duty cleaning of large surfaces • Weld scale removal • Deburring • Edge blending • Roughing

Designed for use on high-speed air and electric portable tools.

#### **CRIMPED LIGHT DUTY**

**UC TYPE** 



#### **Brush Characteristics:**

 Rugged, fast cutting action - long life
 Highest quality oil tempered carbon and stainless steel wire
 Safety designed cups
 Smooth performance at high speeds

			Carbon		Stainless	
Dia.	Trim Lgth	Wire Size	Order No. Price		Order No.	Price
4 4 4 5 5 6 6	7/8 7/8 7/8 1-1/4 1-1/4 1-1/4	.0118 .014 .020 .014 .020 .014	4610195 4610205 4610215 4610275 4610285 4610325 4610335		- 4610235 - - - - 4610345	

#### **KNOTTED TYPE - DOUBLE ROW**

**UDX TYPE** 



#### **Brush Characteristics:**

Rugged, fast cutting action - long life • Highest quality oil tempered carbon and stainless steel wire • Safety designed cups • Smooth performance at high speeds.

			Carbon		Stainless	
Dia.	Trim Lgth	Wire Size	Order No.	Price	Order No.	Price
4	1	.014	4616625		-	
4	1	.020	4616635		4616655	
6	1-3/8	.014	4616445		-	
6	1-3/8	.020	4616945		4616505	
6	1-3/8	.025	4616465		-	
6	1-3/8	.035	4616485		-	

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While we show only the most popular **ANDERSON** items we can supply their entire range of products; please inquire.

#### **KNOTTED TYPE - SINGLE ROW**

**US TYPE** 



#### **Brush Characteristics:**

 Excellent for general heavy duty work
 Able to reach into corners and angles.
 Flexible
 Fast cutting
 Good surface coverage

			Carbon		Stainless		
Dia.	Trim Lgth	Wire Size	Order No.	Price	Order No.	Price	
2-3/4 4 4 5 5 6 6	3/4 1-1/4 1-1/4 1-1/4 1-1/4 1-3/8 1-3/8 1-3/8	.0118 .0118 .014 .014 .020 .014 .020 .025	4617195 4617245 4617255 4617345 4617355 4617435 4617445 4617455		4617085 4617305 4617315 - - 4617485 4617495 -		

#### **TUBE BRUSHES**

SERIES 547 DOUBLE SPIRAL PTD TYPE



#### **Brush Characteristics:**

Designed for use in portable tools and drill presses / Highest quality crimped wire / heavy twisted stem wire

#### **Popular Applications:**

Internal deburring / Internal thread cleaning / Internal rust and dirt removal

Mount brush tightly in power tool with minimum overhang. Engage brush in hole to be brushed before starting rotation. Stop rotation before retracting the brush.

				Carb	on	Stainl	ess
Dia.	Lgthof Brush	Wire Size	Approx. Stem Dia	Order No.	Price	Order No.	Price
1/2	2	.004	1/8	4724200		4724201	
1/2	2	.006	1/8	4724210		-	
5/8	2	.005	3/16	4724230		4724231	
5/8	2	.008	3/16	4724240		4724241	
5/8	2	.010	3/16	4724250		4724251	
3/4	2-1/2	.006	1/4	4724281		4724283	
3/4	2-1/2	.010	1/4	4724291		4724293	
7/8	2-1/2	.006	1/4	4724321		4724323	
7/8	2-1/2	.010	1/4	4724331		4724333	
1	2-1/2	.006	1/4	4724351		-	
1	2-1/2	.010	1/4	4724361		4724363	
1-1/4	2-1/2	.006	1/4	4724370		4724372	
1-1/4	2-1/2	.010	1/4	4724380		-	

#### STAR TOOL SUPPLY / GRAND TOOL SUPPLY

**END BRUSHES** 

**SERIES 547:** 



#### **ALL END BRUSHES HAVE 1/4" SHANKS**

#### **Brush Characteristics:**

- Wide range of sizes and shapes
- Highest quality oil tempered steel wire Densely fitted Long life **Popular Applications:**
- Weld cleaning Mold cleaning Deburring
- Polishing tools, dies and molds
   Removing rust and paint
- Spot facing

#### **HOLLOW END, CUP STYLE -CRIMPED WIRE**

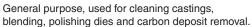


**NHTYPE** 

		Carbon		Stainless		
Dia.	Wire Size	Order No.	Price	Order No.	Price	
1-3/4 1-3/4 2-3/4	.006 .0118 .0118	4706611 4706621 4706651		4706631 - -		

#### **SOLID END - CRIMPED WIRE**

#### **NS TYPE**





			Car	bon	Stainless		
ı	Dia.	Wire Size	Order No.	Price	Order No.	Price	
	1/2 1/2 1/2 3/4 3/4 3/4 1	.006 .010 .020 .006 .010 .020	4706901 4706921 4706941 4707011 4707021 4707041 4707121		4706971 4706981 4707001 4707071 4707081 4707101 4707181		

#### **HOLLOW END, SWAGED CUP-**

#### **KNOT TYPE**

#### **NHTYPE**

Excellent for heavy burr removal from external surfaces and removal of heavy scale and corrosion.



		Carb	on	Stainless		
Dia.	Wire Size	Order No.	Price	Order No.	Price	
3/4 3/4 1-1/8 1-1/8	.014 .020 .014 .020	4710921 4710931 4712071 4712081		4710951 4710961 4712101 4712111		

#### **CIRCULAR WIRE**

#### **SSM TYPE**

Ideal for internal pipe cleaning, carbon deposit removal, flash removal, and light rust and scale removal.

Dia.	Wire Size	Order No.	Price
2-1/2	.014	4708905	
2-1/2	.020	4709531	
3	.006	4709541	
3	.010	4709551	



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#### **ACID BRUSHES**

**SERIES 548:** 

Horsehair in tin handle.



Width	Order No.	Price
3/8 1/2 5/8	5489024 5489032 5489040	

#### **CHIP BRUSHES**

SERIES 548:

White bristle, wood handle.

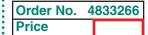


Width	Thick- ness	Order No.	Price
1/2	1/4	5480032	
1	5/16	5480064	
1-1/2	5/16	5480096	
2	5/16	5480200	
2-1/2	3/8	5480232	
3	3/8	5480300	
4	3/8	5480400	



#### ALL METAL LOOP HANDLE

Trim Length: 1-1/2" Overall Length: 5-1/2"







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SCRATCH BRUSHES SERIES 548:	ANDERSON
Brush Length: 6" Overall Length: 13-1/4" Trim Length: 1-1/8"	Made in U.S.A.
Milliam	

		Carbon		Stair	nless
Handle	No. of	Order		Order	
Type	Rows	No.	Price	No.	Price
Bent Shoe	3 x 19 4 x 16	4850078 4850079		4850076 4850077	

#### **PLATER'S HAND BRUSHES**



Fine wire scratch brushes for general cleaning in the plating and metal finishing industries. Ideal for use in aluminum welding with inert arc. Curved handle.

Brush Length: 1-3/8" Overall Length: 7-7/8" Trim Length: 1" No. of Rows: 3 x 7	WINTEN.
•	Militar

Carbon		Stainless	
Order No.	Price	Order No.	Price
4834021		4833795	