SHARK INDUSTRIES, LTD.

2019 CATALOG

Celebrating 35 Years!

ABRASIVES & WELDING

SHARK ABRASIVES & WELDING PRODUCT LINE

Introduction

Shark has been a supplier/manufacturer to the Automotive Aftermarket, Paint and Body and Industrial Marketplace for 35 years. Your complete product satisfaction as well as a high quality customer service standard is what has created this success.

Our products have been designed with the professional mechanic, technician, welder or fabricator in mind. All our products are manufactured for professional or production use; from our abrasives to our wire/electrodes and equipment.

Our trilingual, 4 color packaging is attention getting and designed to stand out in any retail setting. The package descriptions are designed to offer the customer the optimum in purchasing accuracy.

Our small diameter cut-off wheels are manufactured in our Rockford, Minnesota facility and will give you an edge in performance and endurance. Our surface conditioning discs and flap discs are also made at our facility and are designed to compete with all major brands in the market today.

All our other products are sourced in the US as well as Europe, China, Taiwan, Turkey, Pakistan and Mexico to our exacting specifications. We insure that our quality levels meet our customers' most demanding requirements.

If you are dissatisfied for any reason we ask you to let us know by calling us at our toll-free number (800) 537-4275. You can also register a complaint or complement by e-mail to info@sharkind.com. We always welcome any suggestions on how we can improve our quality or our service level to you.

We look forward to servicing your needs for many years to come!

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Shark is a manufacturer/repackager of its products. Any mention of any other manufacturer in this catalog is only for reference of part number and is not intended to imply that Shark products are made by, or for the mentioned manufacturer; nor is it our intention to infringe on that company's trademark or patents.

No returns will be accepted without prior written approval from Shark. All stock returns must be accompanied by an off-setting order of greater value by 50% or more.

ORDER YOUR FREE ABRASIVE SAMPLE PACK!

Call 800-537-4275 for more details.
Quantities Limited.

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NEW! DIAMOND EDGE CUT-OFF WHEELS

Use on all your current air tools and power tools at the same RPM's.

- 30 Times longer life than traditional abrasive cut-off wheels
- No need to continually change out wheels for different applications
- No odor and less dust
- Less sparking as only the metal is sparking and not the wheels
- One wheel meets all your different material needs

EXTENDED LIFE

The Shark Real-Cut diamond edge wheels are made of steel, using a high tech diamond technology for dramatic life extension in metal cutting applications. This decreases downtime, improves productivity, and lowers the cost of each cut in comparison to abrasive wheels.

APPLICATIONS

Designed for use on steel, sheet metal, stainless steel, rebar, cast iron, aluminum and all non-ferrous metals. When cutting aluminum use a form of lubricant for best results.

Part#	Diameter	Thickness	Arbor	RPM
13090	3″	.050	3/8″	21,000
13091	4″	.050	5/8″	15,300
13093	4″	.050	3/8″	15,300
13092	4.5″	.050	7/8″	13,300

CUT-OFF WHEELS

Fast cutting abrasive reinforced cut-off wheels are offered in a variety of formulas for different applications. The fiberglass reinforcement provides greater tensile strength as well as increased safety. All 3" and 4" wheels are American Made.

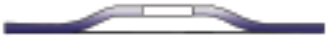
CUT-OFF WHEEL SHAPES

TYPE 1

Type 1 cut-off wheels are designed for cut-off applications that have easy access.

TYPE 27

Type 27 cut-off wheels are designed for use on angle grinders; incorporating the center depresion which allows for flush grinding.



HOW TO CHOOSE THE RIGHT PRODUCT FOR YOUR APPLICATION

ALUMINUM OXIDE RESIN BONDED

Aluminum oxide bonded with resins, fiberglass reinforced for any steel cutting application.

ALUMINUM/SILICON CARBIDE

For use when cutting aluminum.

MASONRY/SILICON CARBIDE

Specially formulated for concrete cutting applications.Designed to reduce loading of the wheels.

STAINLESS STEEL/ZIRCONIA

For all stainless steel applications and harder metals. Offers extended life on regular steel.

CUT-OFF WHEELS

TYPE 1

Type 1 cut-off wheels are designed for all cut-off applications involving steel.

All wheels are double fiberglass reinforced, and are not designed for use on fiberglass or aluminum.

ALUMINUM OXIDE

Item#	Old#	Size	Thickness	Arbor	Grit	RPM	Grain	Pk. Qty	MP
19		2"	1/32"	3/8"	54	30,000	Aluminum Oxide	10	5
20		2"	1/16"	1/4"	54	30,558	Aluminum Oxide	10	5
21		2"	1/16"	3/8"	54	30,558	Aluminum Oxide	10	5
22		2"	1/8"	1/4"	54	45,000	Aluminum Oxide	10	5
23		2"	1/8"	3/8"	54	45,000	Aluminum Oxide	10	5
24-10		3"	1/16"	3/8"	46	25,000	Aluminum Oxide	10	20
24-20		3"	1/16"	3/8"	46	25,000	Aluminum Oxide	20	25
24-50		3"	1/16"	3/8"	46	25,000	Aluminum Oxide	50	10
24-100		3"	1/16"	3/8"	46	25,000	Aluminum Oxide	100	10
25-5		3"	1/16"	3/8"	54	25,000	Aluminum Oxide	5	50
25-6		3"	1/16"	3/8"	54	25,000	Aluminum Oxide	6	50
12704	25-10	3"	1/16"	3/8"	54	25,000	Aluminum Oxide	10	20
25-20		3"	1/16"	3/8"	54	25,000	Aluminum Oxide	20	20
25-25		3"	1/16"	3/8"	54	25,000	Aluminum Oxide	25	20
12705	25-50	3"	1/16"	3/8"	54	25,000	Aluminum Oxide	50	10
13215	25-100	3"	1/16"	3/8"	54	25,000	Aluminum Oxide	100	10
26-5		3"	1/32"	3/8"	54	25,000	Aluminum Oxide	5	50
26-6		3"	1/32"	3/8"	54	25,000	Aluminum Oxide	6	50
12700	26-10	3"	1/32"	3/8"	54	25,000	Aluminum Oxide	10	20
26-20		3"	1/32"	3/8"	54	25,000	Aluminum Oxide	20	25
26-25		3"	1/32"	3/8"	54	25,000	Aluminum Oxide	25	20
12701	26-50	3"	1/32"	3/8"	54	25,000	Aluminum Oxide	50	10
13216	26-100	3"	1/32"	3/8"	54	25,000	Aluminum Oxide	100	10
12702	27-10	3"	1/16"	1/4"	54	25,000	Aluminum Oxide	10	20
27-25		3"	1/16"	1/4"	54	25,000	Aluminum Oxide	25	20
12703		3"	1/16"	1/4"	54	25,000	Aluminum Oxide	50	10
27-100		3"	1/16"	1/4"	54	25,000	Aluminum Oxide	100	10
12706	28-5	3"	1/8"	1/4"	46	25,000	Aluminum Oxide	5	10
12707	28-50	3"	1/8"	1/4"	46	25,000	Aluminum Oxide	50	4
12708	29-5	3"	1/8"	3/8"	46	25,000	Aluminum Oxide	5	10
29-10		3"	1/8"	3/8"	46	25,000	Aluminum Oxide	10	20
12709	29-50	3"	1/8"	3/8"	46	25,000	Aluminum Oxide	50	4
30-10		3"	1/32"	1/4"	54	25,000	Aluminum Oxide	10	20
30-100		3"	1/32"	1/4"	54	25,000	Aluminum Oxide	100	10
37-10		3"	3/32"	3/8"	54	25,000	Aluminum Oxide	10	20
37-100		3"	3/32"	3/8"	54	25,000	Aluminum Oxide	100	5
38-5		3"	3/16"	3/8"	54	25,000	Aluminum Oxide	5	20
38-50		3"	3/16"	3/8"	54	25,000	Aluminum Oxide	50	4

CUT-OFF WHEELS

TYPE 1

Type 1 cut-off wheels are designed for all cut-off applications involving steel.

All wheels are double fiberglass reinforced. Not designed for use on fiberglass or aluminum.

Item#	Old#	Size	Thickness	Arbor	Grit	RPM	Grain	Pkg. Qty.	MP
41		4"	3/32"	5/8"	46	15,300	Aluminum Oxide	10	10
41-100		4"	3/32"	5/8"	46	15,300	Aluminum Oxide	100	5
12710	42	4"	1/32"	3/8"	60	21,000	Aluminum Oxide	10	10
12711		4"	1/32"	3/8"	60	21,000	Aluminum Oxide	50	4
42-100		4"	1/32"	3/8"	60	21,000	Aluminum Oxide	100	5
43		4"	1/32"	5/8"	60	21,000	Aluminum Oxide	10	10
43-100		4"	1/32"	5/8"	60	21,000	Aluminum Oxide	100	5
12718	44	4"	1/16"	1/4"	54	21,000	Aluminum Oxide	10	10
12719		4"	1/16"	1/4"	54	21,000	Aluminum Oxide	50	4
44-100		4"	1/16"	1/4"	54	21,000	Aluminum Oxide	100	5
12712	45	4"	1/16"	3/8"	54	21,000	Aluminum Oxide	10	10
12713		4"	1/16"	3/8"	54	21,000	Aluminum Oxide	50	4
45-100		4"	1/16"	3/8"	54	21,000	Aluminum Oxide	100	5
12716	46	4"	1/16"	5/8"	54	15,300	Aluminum Oxide	10	10
12717		4"	1/16"	5/8"	54	15,300	Aluminum Oxide	50	4
46-100		4"	1/16"	5/8"	54	15,300	Aluminum Oxide	100	5
12714	47	4"	1/8"	3/8"	46	15,300	Aluminum Oxide	10	10
12715		4"	1/8"	3/8"	46	15,300	Aluminum Oxide	50	4
47-100		4"	1/8"	3/8"	46	15,300	Aluminum Oxide	100	5
48		4"	1/8"	5/8"	46	15,300	Aluminum Oxide	10	10
48-100		4"	1/8"	5/8"	46	15,300	Aluminum Oxide	100	5
49		4"	1/8"	7/8"	46	15,300	Aluminum Oxide	10	10
49-100		4"	1/8"	7/8"	46	15,300	Aluminum Oxide	100	5
50		4"	1/16"	7/8"	46	15,300	Aluminum Oxide	10	10
50-100		4"	1/16"	7/8"	46	15,300	Aluminum Oxide	100	5
12722	454	4 ½"	3/32"	7/8"	46	13,300	Aluminum Oxide	10	10
12723		4 ½"	3/32"	7/8"	46	13,300	Aluminum Oxide	25	10
13067	455	4 ½"	1/16"	7/8"	60	17,500	Aluminum Oxide	10	10
13068	456	4 ½"	.045"	7/8"	46	17,500	Aluminum Oxide	10	10
13152		5"	.045"	7/8"	46	10,200	Aluminum Oxide	1	20
13153		5"	.045"	7/8"	46	10,200	Aluminum Oxide	5	20
13154		6"	.045"	7/8"	46	10,200	Aluminum Oxide	1	20
13155		6"	.045"	7/8"	46	10,200	Aluminum Oxide	5	20
13055		7"	.045"	7/8"	60	8,600	Aluminum Oxide	5	40
13082		7"	.045"	5/8"	46	8,500	Aluminum Oxide	5	40
13057		8"	.045"	7/8"	60	7,600	Aluminum Oxide	5	40

CUT-OFF WHEELS

SURE-LIFE CUT-OFF WHEELS

Item#	Old#	Size	Thickness	Arbor	Grit	RPM	Type	Shape	Pk. Qty	MP
12757	25SL	3"	1/16"	3/8"	36	25,000	Zirconia	Type 1	6	10
25SL-10		3"	1/16"	3/8"	36	25,000	Zirconia	Type 1	10	10
13217		3"	1/16"	3/8"	36	25,000	Zirconia	Type 1	50	4
12758	26SL	3"	1/32"	3/8"	60	25,000	Zirconia	Type 1	6	10
26SL-10		3"	1/32"	3/8"	60	25,000	Zirconia	Type 1	10	10
13218		3"	1/32"	3/8"	60	25,000	Zirconia	Type 1	50	4
29SL		3"	1/8"	3/8"	46	25,000	Zirconia	Type 1	6	10
37SL		3"	3/32"	3/8"	54	25,000	Zirconia	Type 1	6	10
38SL		3"	3/16"	3/8"	54	25,000	Zirconia	Type 1	6	10

FOR ALUMINUM CUTTING

13178		3"	1/16"	3/8"	54	25,000	Silicon Carbide	5	10
13179		3"	1/4"	3/8"	54	25,000	Silicon Carbide	5	10

CUT-OFF WHEELS WITH MANDRELS

We offer two types of wheels that come packed with our standard mandrel. Attractive clamshell packaging allows for easy storage of wheels not in use.

Item#	Old#	Size	Thickness	Arbor	Grit	RPM	Type	Shape	Pk. Qty	MP
12730	25-6M	3"	1/16"	3/8"	54	25,000	Aluminum Oxide	Type 1	6	20
			Includes: 6 Cut-off Wheels and 1 Mandrel with a 3/8" Shoulder Screw							
128-83	26-6M	3"	1/32"	3/8"	54	25,000	Aluminum Oxide	Type 1	6	20
			Includes: 6 Cut-off Wheels and 1 Mandrel with a 3/8" Shoulder Screw							
25SL-M		3"	1/16"	3/8"	36	25,000	Zirconia	Type 1	6	20
			Includes: 6 Cut-off Wheels and 1 Mandrel with a 3/8" Shoulder Screw							
26SL-M		3"	1/32"	3/8"	60	25,000	Zirconia	Type 1	6	20
			Includes: 6 Cut-off Wheels and 1 Mandrel with a 3/8" Shoulder Screw							

STAINLESS STEEL CUT-OFF WHEELS

Item#	Size	Thickness	Arbor	Grit	RPM	Type	Shape	Pk. Qty	MP
13021	4"	.045"	5/8"	60	15,300	Stainless Steel	Type 1	10	10
13022	4"	.045"	5/8"	60	15,300	Stainless Steel	Type 1	25	10
13023	4 ½"	.045"	7/8"	60	13,300	Stainless Steel	Type 1	10	10
13024	4 ½"	.045"	7/8"	60	13,300	Stainless Steel	Type 1	25	10
13028	5"	.045"	7/8"	60	12,250	Stainless Steel	Type 1	5	10
13029	5"	.045"	7/8"	60	12,250	Stainless Steel	Type 1	25	10
13030	6"	.045"	7/8"	60	12,700	Stainless Steel	Type 1	5	10
13031	6"	.045"	7/8"	60	12,700	Stainless Steel	Type 1	25	10
13032	7"	.045"	7/8"	60	12,700	Stainless Steel	Type 1	5	10
13033	7"	.045"	7/8"	60	12,700	Stainless Steel	Type 1	25	10

CUT-OFF WHEELS

TYPE 1 & 27

Type 27 Depressed Center

Type 1 Stainless Steel

Type 1 Diamond Arbor

Type 1 Masonry

TYPE 27 STAINLESS STEEL/ZIRCONIA CUT-OFF WHEELS

Item#	Size	Thickness	Arbor	Grit	RPM	Shape	Grain	Pk. Qty	MP
13034	4"	.045"	5/8"	60	15,300	Type 27	Zirconia	10	10
13035	4"	.045"	5/8"	60	15,300	Type 27	Zirconia	25	4
13036	4 ½"	.045"	7/8"	60	13,300	Type 27	Zirconia	10	10
13037	4 ½"	.045"	7/8"	60	13,300	Type 27	Zirconia	25	4
13038	5"	.045"	7/8"	60	12,250	Type 27	Zirconia	5	10
13039	5"	.045"	7/8"	60	12,250	Type 27	Zirconia	25	4
13040	6"	.045"	7/8"	60	12,700	Type 27	Zirconia	5	10
13041	6"	.045"	7/8"	60	12,700	Type 27	Zirconia	25	4
13042	7"	.045"	7/8"	60	12,700	Type 27	Zirconia	5	10
13043	7"	.045"	7/8"	60	12,700	Type 27	Zirconia	25	4

TYPE 27 DEPRESSED CENTER CUT-OFF WHEELS (for use with angle grinders)

SDP454	4 ½"	.045"	7/8"	60	13,500	Type 27	Aluminum Oxide	1	N/A
11134	4 ½"	.045"	7/8"	60	13,500	Type 27	Aluminum Oxide	5	10
11135	4 ½"	.045"	7/8"	60	13,500	Type 27	Aluminum Oxide	10	20
11136	4 ½"	1/16"	7/8"	46	13,300	Type 27	Aluminum Oxide	5	40

TYPE 1/TYPE 27 CUTTING/GRINDING WHEELS FOR ALUMINUM

13180	4 ½"	3/32"	7/8"	36	8,700	Type 1	Silicon Carbide	5	10
13181	4 ½"	1/8"	7/8"	36	8,700	Type 27	Silicon Carbide	5	10
13063	4 ½"	1/4"	7/8"	36	8,700	Type 27	Silicon Carbide	5	10

TYPE 1 GRINDING WHEELS WITH DIAMOND SHAPED ARBORS

12724	7"	1/8"	5/8"*	36	8,700	Type 1	Aluminum Oxide	1	10
13069	7"	1/8"	5/8"*	36	8,700	Type 1	Aluminum Oxide	5	10
12725	7"	1/8"	5/8"*	36	8,700	Type 1	Aluminum Oxide	25	4
13070	8"	1/8"	5/8"*	36	7,600	Type 1	Aluminum Oxide	5	10

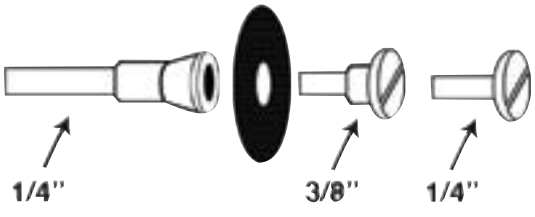
TYPE 1 MASONRY CUT-OFF WHEELS

12694	7"	1/8"	5/8"	24	8,700	Type 1	Silicon Carbide	1	10
12695	7"	1/8"	5/8"	24	8,700	Type 1	Silicon Carbide	10	10

*Diamond center

MANDRELS

Shark mandrels can be used to convert any die grinder into a cut-off tool using either 1/4" or 3/8" I.D. wheels. Be sure to wear proper eye protection/face mask, gloves and safety gear. Shark offers 7 different types of mandrels for any application.



CUT-OFF WHEELS/MANDRELS
TYPE 1

12" & 14" CHOP SAW BLADES

Item#	Old#	Size	Thickness	Arbor	Grit	RPM	Reinforcement/Type	Grain	Pk. Qty	MP
124D		12"	3/32"	1"	36	5,000	Double	Aluminum Oxide	1	6
124-5		12"	3/32"	1"	36	5,000	Double	Aluminum Oxide	5	10
121-5		12"	1/8"	1"	36	5,100	Single	Aluminum Oxide	5	6
12726	122	12"	1/8"	1"	36	6,300	Double	Aluminum Oxide	1	5
12727		12"	1/8"	1"	36	6,300	Double	Aluminum Oxide	10	3
122-5		12"	1/8"	1"	36	6,300	Double	Aluminum Oxide	5	6
123-5		12"	7/64"	1"	36	5,100	Single	Aluminum Oxide	5	6
13058		12"	5/32"	20mm	24	6,400	Double/H.S. Gas/Elect. Saws	Zirconia	5	6
13059		12"	5/32"	1"	24	6,400	Double	Aluminum Oxide	5	6
12696	122M	12"	1/8"	1"	36	5,100	Double/Masonry	Silicon Carbide	1	5
12697		12"	1/8"	1"	36	5,100	Double/Masonry	Silicon Carbide	10	3
122M-5		12"	1/8"	1"	36	5,100	Double/Masonry	Silicon Carbide	5	6
141-5		14"	1/8"	1"	36	4,400	Single	Aluminum Oxide	5	6
13159	144-5	14"	3/32"	1"	36	4,400	Double	Aluminum Oxide	5	6
12728	142	14"	1/8"	1"	36	4,400	Double	Aluminum Oxide	1	5
12729		14"	1/8"	1"	36	4,400	Double	Aluminum Oxide	10	3
12663	142-5	14"	1/8"	1"	36	4,400	Double	Aluminum Oxide	5	6
143-5		14"	7/64"	1"	36	4,400	Double	Aluminum Oxide	5	6
13060		14"	5/32"	20mm	24	5,460	Triple/H.S. Gas/Elect. Saws	Aluminum Oxide	5	6
13061		14"	5/32"	1"	24	5,400	Triple/H.S. Gas/Elect. Saws	Aluminum Oxide	5	6
12698	142M	14"	1/8"	1"	24	4,400	Double/Masonry	Silicon Carbide	1	5
12699		14"	1/8"	1"	24	4,400	Double/Masonry	Silicon Carbide	10	3
142M-5		14"	1/8"	1"	24	4,400	Double/Masonry	Silicon Carbide	5	6
142MH-5		14"	1/8"	1"	24	4,400	Double/HD Masonry	Silicon Carbide	5	6

12782
Mandrel for 14607 Strip-Brite Disc (p. 34)

12431 (31)
Mandrel with 3/8" shoulder screw

12935 (32)
Mandrel with 1/4" & 3/8" shoulder screw

12433 (33)
Mandrel with 3/8" Extended Shoulder Screw. For use with wheels thicker than 3/8" with 3/8" arbor hole

12693 (34)
Mandrel with 1/2" adaptor

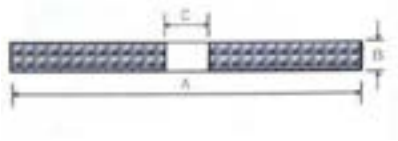
37L
Mandrel with 1/4" extended screw for wheels thicker than 3/8"

37S
Mandrel with only a 1/4" shoulder screw

GRINDING WHEELS

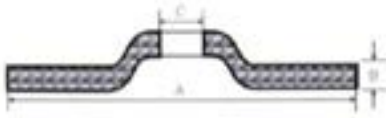
Shark offers various wheel styles for all your applications. Easy diagrams below for identifying the best wheel configuration for your project.

GRINDING WHEEL SHAPES



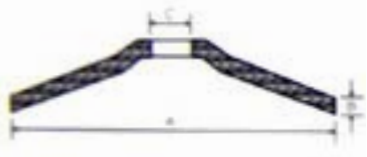
TYPE 1

An all around edge grinding wheel design; but not used for cutting.



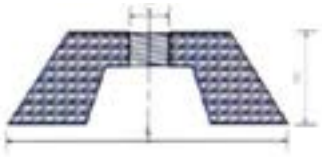
TYPE 27

Grinding wheels with depressed centers used for grinding on flat surfaces and edge cleaning.



TYPE 28

This design offers great area coverage and improved user visibility for de-burring and other edge preparation work.



TYPE 11

Abrasive cup wheels offer even more area coverage than saucer shaped wheels. These are best for clearing material on large flat areas, also great for heavy welds.

HOW TO PICK THE RIGHT GRAIN TYPE

ALUMINUM OXIDE

This general purpose bond offers excellent stock removal. Recommended for use on regular steel, structural steel, metal and welds.

MASONRY

Silicon carbide grain for grinding masonry, concrete, stone, and non-ferrous metals.

ZIRCONIA FOR STAINLESS STEEL

High performance grinding excellent on ferrous metals, castings and stainless steel.

GRINDING WHEELS

TYPE 27

Type 27 grinding wheels with depressed centers are used for grinding on flat surfaces and edge cleaning.

Item#	Old#	Size	Thickness	Arbor	Grit	RPM	Grain	Shape	Pk. Qty	MP
SDP220		2"	3/16"	3/8"	120	25,000	Aluminum Oxide	Type 27	5	20
SDP280		2"	3/16"	3/8"	80	25,000	Aluminum Oxide	Type 27	5	20
SDP260		2"	3/16"	3/8"	60	25,000	Aluminum Oxide	Type 27	5	20
SDP301		3"	1/8"	3/8"	36	20,000	Aluminum Oxide	Type 27	1	50
SDP401		4"	1/8"	5/8"	36	13,700	Aluminum Oxide	Type 27	1	50
12731	SDP401-4	4"	1/8"	5/8"	36	13,700	Aluminum Oxide	Type 27	4	12
SDP401-5		4"	1/8"	5/8"	36	13,700	Aluminum Oxide	Type 27	5	15
SDP401-25		4"	1/8"	5/8"	36	13,700	Aluminum Oxide	Type 27	25	8
SDP402		4"	1/4"	3/8"	24	13,700	Aluminum Oxide	Type 27	1	50
SDP402-3		4"	1/4"	3/8"	24	13,700	Aluminum Oxide	Type 27	3	10
SDP402-5		4"	1/4"	3/8"	24	13,700	Aluminum Oxide	Type 27	5	15
SDP402-25		4"	1/4"	3/8"	24	13,700	Aluminum Oxide	Type 27	25	4
SDP402-100		4"	1/4"	3/8"	24	13,700	Aluminum Oxide	Type 27	100	4
SDP404		4"	1/4"	5/8"	24	13,700	Aluminum Oxide	Type 27	1	50
12732	SDP404-3	4"	1/4"	5/8"	24	13,700	Aluminum Oxide	Type 27	3	10
SDP404-5		4"	1/4"	5/8"	24	13,700	Aluminum Oxide	Type 27	5	15
12733	SDP404-25	4"	1/4"	5/8"	24	13,700	Aluminum Oxide	Type 27	25	4
SDP404-100		4"	1/4"	5/8"	24	13,700	Aluminum Oxide	Type 27	100	4
SDP451		4 ½"	1/8"	7/8"	36	11,900	Aluminum Oxide	Type 27	1	50
SDP451-3		4 ½"	1/8"	7/8"	36	11,900	Aluminum Oxide	Type 27	3	10
SDP451-5		4 ½"	1/8"	7/8"	36	11,900	Aluminum Oxide	Type 27	5	15
SDP451-25		4 ½"	1/8"	7/8"	36	11,900	Aluminum Oxide	Type 27	25	4
SDP452		4 ½"	1/4"	7/8"	24	11,900	Aluminum Oxide	Type 27	1	50
12734	SDP452-3	4 ½"	1/4"	7/8"	24	11,900	Aluminum Oxide	Type 27	3	10
SDP452-5		4 ½"	1/4"	7/8"	24	11,900	Aluminum Oxide	Type 27	5	15
12661		4 ½"	1/4"	7/8"	24	11,900	Aluminum Oxide	Type 27	10	4
12735	SDP452-25	4 ½"	1/4"	7/8"	24	11,900	Aluminum Oxide	Type 27	25	4
SDP452-100		4 ½"	1/4"	7/8"	24	11,900	Aluminum Oxide	Type 27	100	4
12750	SDP452H	4 ½"	1/4"	5/8"-11	24	11,900	Aluminum Oxide	Type 27	1	20
12662		4 ½"	1/4"	5/8"-11	24	11,900	Aluminum Oxide	Type 27	10	4
12751		4 ½"	1/4"	5/8"-11	24	11,900	Aluminum Oxide	Type 27	25	4
SDP501N		5"	1/8"	7/8"	24	11,900	Aluminum Oxide	Type 27	1	50
SDP502		5"	1/4"	5/8"-11	24	11,000	Aluminum Oxide	Type 27	1	50
SDP502-25		5"	1/4"	5/8"-11	24	11,000	Aluminum Oxide	Type 27	25	4
12736	SDP502N	5"	1/4"	7/8"	24	12,000	Aluminum Oxide	Type 27	1	50
12737		5"	1/4"	7/8"	24	11,000	Aluminum Oxide	Type 27	25	8
13156		6"	1/4"	7/8"	24	10,200	Aluminum Oxide	Type 27	1	25
13157		6"	1/4"	7/8"	24	10,200	Aluminum Oxide	Type 27	5	10
12752	SDP701	7"	1/8"	5/8"-11	24	8,500	Aluminum Oxide	Type 27	1	10
SDP701-10		7"	1/8"	5/8"-11	24	8,500	Aluminum Oxide	Type 27	10	5
SDP701N		7"	1/8"	7/8"	24	8,500	Aluminum Oxide	Type 27	1	20
12753	SDP702	7"	1/4"	5/8"-11	24	8,500	Aluminum Oxide	Type 27	1	10
12754	SDP702-10	7"	1/4"	5/8"-11	24	8,500	Aluminum Oxide	Type 27	10	2
12738	SDP702N	7"	1/4"	7/8"	24	8,500	Aluminum Oxide	Type 27	1	25
12741	SDP702N-10	7"	1/4"	7/8"	24	8,500	Aluminum Oxide	Type 27	10	10

GRINDING WHEELS
TYPE 27

ALUMINUM OXIDE

Item#	Old#	Size	Thickness	Arbor	Grit	RPM	Shape	Pk. Qty	MP
12689	SDP901	9"	1/8"	5/8"-11	24	6,500	Type 27	1	10
12755	SDP902	9"	1/4"	5/8"-11	24	6,500	Type 27	1	10
12756	SDP902-10	9"	1/4"	5/8"-11	24	6,500	Type 27	10	2
12739	SDP902N	9"	1/4"	7/8"	24	6,500	Type 27	1	10
12740	SDP902N-10	9"	1/4"	7/8"	24	6,500	Type 27	10	5

ZIRCONIA DEPRESSED CENTER GRINDING WHEELS

12639	SDP452Z	4 ½"	1/4"	7/8"	24	11,900	Type 27	1	25
12640	SDP452Z-25	4 ½"	1/4"	7/8"	24	11,900	Type 27	25	8
12641	SDP452ZH	4 ½"	1/4"	5/8"-11	24	11,900	Type 27	1	25
12642	SDP702NZ-5	7"	1/4"	7/8"	24	8,500	Type 27	5	20
12643	SDP702Z	7"	1/4"	5/8"-11	24	8,500	Type 27	1	20
12644	SDP702Z-10	7"	1/4"	5/8"-11	24	8,500	Type 27	10	2
12645	SDP902Z	9"	1/4"	5/8"-11	24	6,500	Type 27	1	20
12646	SDP902Z-10	9"	1/4"	5/8"-11	24	6,500	Type 27	10	2

MASONRY DEPRESSED CENTER WHEELS

12742	SDP404SC	4"	1/4"	5/8"	A24R	13,500	Type 27	1	25
12647	SDP404SC-5	4"	1/4"	5/8"	A24R	13,500	Type 27	5	10
12743	SDP404SC-25	4"	1/4"	5/8"	A24R	13,500	Type 27	25	8
12744	SDP452SC	4 ½"	1/4"	7/8"	A24R	10,850	Type 27	1	25
12648	SDP452SC-5	4 ½"	1/4"	7/8"	A24R	10,850	Type 27	5	10
12745	SDP452SC-25	4 ½"	1/4"	7/8"	A24R	10,850	Type 27	25	8
12649	SDP502SC-25	5"	1/4"	7/8"	A24R	8,500	Type 27	25	8
12746		7"	1/4"	5/8"-11	A24R	6,600	Type 27	1	10
12747	SDP702SC-10	7"	1/4"	5/8"-11	A24R	6,600	Type 27	10	2
12748		9"	1/4"	5/8"-11	A24R	6,500	Type 27	1	10
12749	SDP902SC-10	9"	1/4"	5/8"-11	A24R	6,500	Type 27	10	2

PIPELINE CUTTING/GRINDING WHEELS

These Metal / Stainless Steel wheels are specially designed for light grinding on welds and cutting of root pass.

Item#	Old#	Size	Thickness	Arbor	Grit	RPM	Shape	Pk. Qty	MP
13049		4 ½"	1/8"	7/8"	24	13,300	Type 27	10	5
13050		4 ½"	1/8"	5/8"-11	24	13,300	Type 27	10	5
13051		6"	1/8"	7/8"	24	10,020	Type 27	5	5
13052		6"	1/8"	5/8"-11	24	10,020	Type 27	5	5
13053		7"	1/8"	7/8"	24	8,600	Type 27	5	5
13054		7"	1/8"	5/8"-11	24	8,600	Type 27	5	5

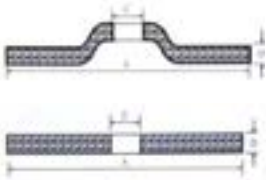
GRINDING WHEELS

TYPE 28

This design offers great area coverage and improved user visibility for de-burring work and other edge preparation work.

KOOLIE HAT WHEELS

Item#	Old#	Size	Thickness	Arbor	Grit	RPM	Shape	Pk. Qty	MP
12759	SKP702	7"	1/4"	5/8"-11	24	8,500	Type 28	1	10
12760	SKP702-10	7"	1/4"	5/8"-11	24	8,500	Type 28	10	2
12761	SKP902	9"	1/4"	5/8"-11	24	6,500	Type 28	1	10
12762	SKP902-10	9"	1/4"	5/8"-11	24	6,500	Type 28	10	2



TYPE 27/TYPE 1

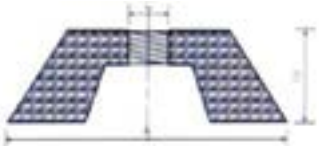
Grinding wheels with depressed centers are used for grinding on flat surfaces and edge cleaning.

GRINDING WHEELS FOR ALUMINUM

Item#	Size	Thickness	Arbor	Grit	RPM	Shape	Pk. Qty	MP
13063	4 ½"	1/4"	7/8"	24	13,300	Type 27	5	10
13064	4 ½"	1/4"	5/8"-11	24	13,300	Type 27	1	5
12763	7"	1/4"	5/8"-11	24	8,600	Type 27	1	10
12764	7"	1/4"	5/8"-11	24	8,600	Type 27	5	2
13072	7"	3/16"	7/8"	24	8,600	Type 1	5	10

GRINDING WHEELS

CUP WHEELS



TYPE 11

A resinoid bonded, aluminum oxide cup wheel for use on portable grinders. For large weld grinding applications.

Abrasive cup wheels offer even more area coverage than saucer shaped wheels. These are best for clearing material on large flat areas requiring a very aggressive wheel.

Item#	Size	Thickness	Arbor	Grit	RPM	Grain	Shape	Pk. Qty
12690	4/3"	2"	5/8"-11	16-20	7,260	Aluminum Oxide	Type 11	1
12691	5/4"	2"	5/8"-11	16-20	6,500	Aluminum Oxide	Type 11	1
12692	6/5"	2"	5/8"-11	16-20	6,000	Aluminum Oxide	Type 11	1

FLYWHEEL GRINDING WHEELS

Silicon Carbide flywheel grinding wheel.
For use on DCM Tech, Kwik-Way, Peterson, Tobin Arp and Winona Machines.

Item#	Size	Thickness	Arbor	Grit	RPM	Grain	Shape	Pk. Qty
56	4" / 3"	1 1/2"	1 1/4"	46	5,730	Silicon Carbide	Type 11	1
57	6" / 4/5"	2 5/8"	1 1/2"	36	4,775	Silicon Carbide	Type 11	1

FLEXIBLE GRINDING WHEELS

Conforming, double reinforced Aluminum Oxide grinding wheel that becomes more pliable when used, and flexes to follow contoured surfaces.

FLEXI-WHEELS

Item#	Old#	Size	Thickness	Arbor	Grit	RPM	Style	Shape	Pk. Qty	MP
12765	4036	4"	1/8"	5/8"	36	13,500	Flexible Grinding Wheel	Type 27	1	10
4036-10		4"	1/8"	5/8"	36	13,500	Flexible Grinding Wheel	Type 27	10	5
4046		4"	1/8"	5/8"	46	13,500	Flexible Grinding Wheel	Type 27	1	10
4046-10		4"	1/8"	5/8"	46	13,500	Flexible Grinding Wheel	Type 27	10	5
12766	4060	4"	1/8"	5/8"	60	13,500	Flexible Grinding Wheel	Type 27	1	10
4060-10		4"	1/8"	5/8"	60	13,500	Flexible Grinding Wheel	Type 27	10	5
12767		4 ½"	1/8"	7/8"	36	13,300	Flexible Grinding Wheel	Type 27	1	10
4536-3		4 ½"	1/8"	7/8"	36	13,300	Flexible Grinding Wheel	Type 27	3	5
4536-10		4 ½"	1/8"	7/8"	36	13,300	Flexible Grinding Wheel	Type 27	10	5
4546-3		4 ½"	1/8"	7/8"	46	13,300	Flexible Grinding Wheel	Type 27	3	5
4546-10		4 ½"	1/8"	7/8"	46	13,300	Flexible Grinding Wheel	Type 27	10	5
12768		4 ½"	1/8"	7/8"	60	13,300	Flexible Grinding Wheel	Type 27	1	10
4560-3		4 ½"	1/8"	7/8"	60	13,300	Flexible Grinding Wheel	Type 27	3	5
4560-10		4 ½"	1/8"	7/8"	60	13,300	Flexible Grinding Wheel	Type 27	10	5
12769	7036	7"	1/8"	7/8"	36	8,500	Flexible Grinding Wheel	Type 27	1	5
7036-10		7"	1/8"	7/8"	36	8,500	Flexible Grinding Wheel	Type 27	10	5
7036H-10		7"	1/8"	5/8"-11	36	8,500	Flexible Grinding Wheel	Type 27	10	2
7046		7"	1/8"	7/8"	46	8,500	Flexible Grinding Wheel	Type 27	1	5
7046-10		7"	1/8"	7/8"	46	8,500	Flexible Grinding Wheel	Type 27	10	5
7046H-10		7"	1/8"	5/8"-11	46	8,500	Flexible Grinding Wheel	Type 27	10	2
12770	7060	7"	1/8"	7/8"	60	8,500	Flexible Grinding Wheel	Type 27	1	5
7060-10		7"	1/8"	7/8"	60	8,500	Flexible Grinding Wheel	Type 27	10	2
7060H-10		7"	1/8"	5/8"-11	60	8,500	Flexible Grinding Wheel	Type 27	10	2
7080		7"	1/8"	7/8"	80	8,500	Flexible Grinding Wheel	Type 27	1	5
7080-10		7"	1/8"	7/8"	80	8,500	Flexible Grinding Wheel	Type 27	10	2
7080H-10		7"	1/8"	5/8"-11	80	8,500	Flexible Grinding Wheel	Type 27	10	2

THERMOSTAT GASKET REMOVER

Cleans all hard to reach gasket surfaces. Also works for cleaning up oil pans, water pumps, and other inaccessable applications. Replaceable abrasive pad works in seconds. The tool is equipped with a floating guide shaft so the user can easily steer the abrasive pad around the gasket surface.

Item#	Size	Type	Shank Diameter	Pk. Qty.	MP
13084	2" x7 1/2"	Type "R" Holder with Extended Shaft	1/4" Guide Shaft	1	5
13085	7 1/2"	Extended Guide Shaft	1/4" Guide Shaft	1	5
13012	2"	Type "R" Twist-to-Lock Holder (sold separately)	1/4" Mandrel	1	20

BACKING PADS/ADAPTORS

Shark Industries has several types of backing pads and adaptors to secure the abrasives for multiple jobs. Some pads can even make your tool more versatile by allowing you to use other abrasives on it.

TWIST-TO-LOCK VENTED BACKING PAD

2", 3" and 4" Twist-to-lock Type R vented backing pads.
Tool: Angle or straight grinders.
Use with: Mini grinding discs, mini flap discs and surface prep-discs.
Page 15

TWIST-TO-LOCK BACKING PAD

2", 3" and 4" Twist-to-lock Type R quick change backing pad.
Tool: Right Angle Grinders and Die Grinders.
Use with: Surface prep, mini grinding, strip-it and mini flap discs. **Page 15**

VELCRO BACKING PAD

2", 3" and 4" Velcro backing pad.
Tool: Angle or straight grinders.
Use with: Mini grinding discs, mini flap discs and surface prep-discs with velcro backing. **Page 15**

VELCRO MINI BACKING PAD

For use on Snap-on, Mac, Matco, or other mini Sanders.
Tool: Any pistol style 3" sander using female threads.
Use with: 3" Velcro sanding discs.
Page 16

RUBBER BACKING PAD

Quality backing pad to fit all 4-7" grinders. Turbo pad with vents affords users a cooler disc and longer life.
Tool: Angle grinders.
Use with: Resin fiber discs. **Page 16**

TYPE R MINI GRINDER BACKING PAD

Add instant versatility to your 2" grinder. Twist-to-lock receptacle.
Tool: 2" Right Angle Mini Grinders; CP7500, Sunex SXC606, Mac Tools AG200, Matco and Snap-On.
Use with: Surface prep, mini grinding, strip-it and mini flap discs.
Page 16

BACKING PADS/ADAPTORS

2", 3" and 4" vented Twist-to-lock type backing pads.
Tool: Right Angle Grinders and Die Grinders.
Use with: Surface prep, mini grinding, strip-it and mini flap discs.
Made in USA.

2" - 4"
VENTED BACKING PAD (TYPE R)

Item#	Size	Type	Style	Pk. Qty.	MP
44320	2"	Turbo	Twist-to-lock Holder w/ 1/4" Mandrel	1	10
44321	3"	Turbo	Twist-to-lock Holder w/ 1/4" Mandrel	1	10
44322	4"	Turbo	Twist-to-lock Holder w/ 1/4" Mandrel	1	10

2", 3" and 4" Twist-to-lock backing pad.
Compatible with all twist-to-lock brands of discs, this high quality holder has a rigid rubber pad and twist-to-lock attachment.
Tool: Right Angle Grinders and Die Grinders.
Use with: Surface prep, mini grinding, strip-it and mini flap discs.

2" - 4"
TWIST-TO-LOCK BACKING PAD (TYPE R)

Item#	Old#	Size	Type	Style	Pk. Qty.	MP
13012	323T	2"	Twist-to-Lock	Twist-to-lock Backing Pad w/Mandrel	1	20
323T-50		2"	Twist-to-Lock	Twist-to-lock Backing Pad w/Mandrel	50	5
13013	333T	3"	Twist-to-Lock	Twist-to-lock Backing Pad w/Mandrel	1	20
333T-50		3"	Twist-to-Lock	Twist-to-lock Backing Pad w/Mandrel	50	5
13014	343T	4"	Twist-to-Lock	Twist-to-lock Backing Pad w/Mandrel	1	10
343T-50		4"	Twist-to-Lock	Twist-to-lock Backing Pad w/Mandrel	50	2

2", 3" and 4" Velcro backing pad.
Tool: Right Angle Grinders and Die Grinders.
Use with: Velcro backed sanding discs
Made in USA.

2" - 4"
VELCRO BACKING PAD

Item#	Size	Type	Style	Pk. Qty.	MP
323	2"	Velcro	Holder with 1/4" Shank	1	5
333	3"	Velcro	Holder with 1/4" Shank	1	5
343	4"	Velcro	Holder with 1/4" Shank	1	5

Adds instant versatility to your 2" grinder.
Tool: 2" Right Angle Mini Grinders; CP7500, Sunex SXC606, Mac Tools AG200, Matco and Snap-On.
Use with: Surface prep, mini grinding, strip-it and mini flap discs.

2" - 3"
MINI GRINDER BACKING PADS (TYPE R)

Item#	Size	Type	Style	Pk. Qty.	MP
13025	2"	3/8"-24 Thread	Twist-to-lock	1	20
13026	3"	3/8"-24 Female Thread	Twist-to-lock	1	20

BACKING PADS/ADAPTORS

For use on Snap-on, Mac, and Matco Mini Sanders.
Tool: Any pistol style 3" sander using female threads.
Use with: 3" Velcro sanding discs.

VELCRO MINI BACKING PAD

Item#	Size	Type	Style	Pk. Qty.
333S	3"	Velcro	1/4"-20 Female Thread Screw Backing Pad	1
333SP	3"	Velcro	5/16"-24 Female Thread Screw Backing Pad	1

Quality backing pad to fit all 4-7" angle grinders. Turbo pad with vents affords users a cooler disc thereby offering you longer life.
Tool: 4"-7" Angle Grinder
Use with: 4"-7" Resin Fiber Discs

RUBBER BACKING PAD

Item#	Size	Type	Style	Pk. Qty.
13201	4"	Rubber	M10-1.25 Backing Pad for Sander	1
13202	4"	Rubber	M10-1.50 Backing Pad for Sander	1
13203	4"	Rubber	Backing Pad without nut for Sander	1
13204	4.5"	Rubber	5/8"-11NC Backing Pad for Sander	1
13205	5"	Rubber	5/8"-11NC Backing Pad for Sander	1
13206	7"	Rubber	5/8"-11NC Backing Pad for Sander	1
13207	7"	Rubber	Backing Pad without nut for Sander	1

SPINDLE NUT FOR RUBBER BACKING PAD

Nut used to attach the pad to the tool, which are requently lost. One per pack.

13209	M10-1.25
13210	M10-1.50
13211	Nut for 5/8"-11 Hub

SPINDLE NUT WRENCH

Adjustable wrench used for installation and removal of spindle nuts with holes. One per pack.

13212	Spindle Nut Wrench

MANDRELS/ADAPTORS

DEPRESSED CENTER WHEEL ADAPTOR

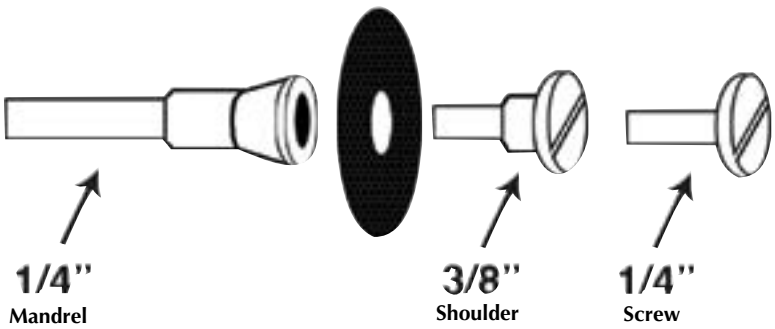
Adaptor readily adapts any depressed center wheel with 7/8" hole to a 5/8"-11NC spindle for use with a standard right angle grinder. Wrench included.

13213	Kit Includes: Wrench, Adaptor, 2 washers and nut.

MANDRELS

Shark mandrels can be used to convert any die grinder into a cut-off tool using wheels with either 1/4" or 3/8" I.D. Be sure to wear proper eye protection/face mask, gloves and safety gear.

Shark offers 7 different types of Mandrels for any application.



12782
Mandrel for 14607 Strip-Brite Disc (p. 34)

12431 (31)
Mandrel with 3/8" shoulder screw

12935
Mandrel with 1/4" & 3/8" shoulder screw

12433
Mandrel with 3/8" Extended Shoulder Screw. For use with wheels thicker than 3/8" with 3/8" arbor hole

12693 (34)
Mandrel with 1/2" adaptor

37L
Mandrel with 1/4" extended screw for wheels thicker than 3/8"

37S
Mandrel with only a 1/4" shoulder screw

GRINDING DISCS

Surface preparation is the most important step in creating a quality bond. Surfaces are often covered with dust, dirt, grease, oil, oxide films, rust inhibitors, and in the case of plastics, mold release agents. All these contaminants, even at a microscopic level, interfere with the adhesive doing its job properly. In fact, poor surface preparation is the number one cause of bond failure.

GRAIN OPTIONS

ALUMINUM OXIDE

Properties:

- Aggresive cutting
- High cut performance
- Good productivity

Grinding and finishing of welding parts and all kinds of steel. Not optimum on stainless steel.

ZIRCONIA

Properties:

- Fast cutting performance, while long wearing
- Increased productivity
- Cool cutting as well as long life

Grinding heavy metals and stainless steel parts.

GREEN ZIRCONIA

Properties:

- High cut performance
- Increased productivity
- Cool cutting
- Extremely long life

Grinding of high alloy/stainless steel parts and edging. Use where heat absorbance is critical.

CERAMIC

Properties:

- Exellent grinding performance
- Cool & agressive cutting
- Self sharpening for outstanding life

Grinding and finishing of stainless steel, high alloy steels, chrome, nickel, and titanium.

SURFACE PREP/GRINDING

SURFACE CONDITIONING DISCS

Specifications:
For general grinding, rust removal, clean-up and paint removal. Offering 6 different grits.
Tool: Right angle grinders or die grinders. **Page 21-25**

STAR-BRITE POLISHING DISCS

Best For: Polishing and finishing after grinding. 2 grits options offered.
Tool: 4 1/2" angle grinders. **Page 27**

STAR-BRITE SANDING PADS

Best For: For hard sanding and general clean-up. 3 grit options offered.
Page 27

STRIP-BRITE PADS

Specifications:
Available in 3 grades, 2" & 3" with a twist-to-lock backing.
Tool: Right angle grinders or die grinders. **Page 27-28**

TYPE 27 STRIP-BRITE DISCS

Specifications:
Available in 3 grades, 4 ½" & 7".
Best For: Use in paint and rust removal. Will not damage the metal while grinding. Low sparking product.
Tool: 4 1/2" - 7" angle grinders.
Page 27

CLOTH BACKED GRINDING DISCS

Specifications:
Aluminum Oxide or Zirconia in 2"-3", 24-120 grit.
Tool: Right angle grinders or die grinders. **Page 28**

ZIRCONIA MINI GRINDING DISCS

Specifications:
Zirconia long-life grain for Stainless Steel or regular steels.
Tool: For use with angle grinders or die grinders. **Page 31**

ALUMINUM OXIDE MINI GRINDING DISCS

Specifications:
For general purpose grinding. Available in grits from 24-120.
Tool: Right angle grinders or die grinders. **Page 30**

GREEN ZIRCONIA GRINDING DISCS

Specifications:
For grinding on steel or stainless steel. Long life grain from 24-120 grit.
Tool: Right angle grinders or die grinders. **Page 29**

CERAMIC MINI GRINDING DISCS

Specifications:
For very long life and heavy duty grinding jobs. Available in grits from 24-120.
Tool: Right angle grinders or die grinders. **Page 29**

RESIN FIBRE SANDING DISCS

Specifications:
Aluminum Oxide and Zirconia grain.
Tool: 4" - 9" angle grinders.
PageS 34-36

SHEEPSKIN PADS

Specifications:
All natural sheepskin pad for use with Velcro backing pads.
Best For:
Eliminating defects while removing as little paint as possible. Can remove swirl marks, oxidation, scratches, bird etchings and acid rain.
Tool: Right angle grinders or die grinders. **Page 37**

WOOL FELT PADS

Specifications:
High quality wool felt will not fray.
Best For: Polishing metals or plastics.
Tool: Right angle grinders or die grinders. **Page 37**

SURFACE PREP/GRINDING

GENERAL PURPOSE DRY SANDING PAPER

Specifications:
A great general purpose sheet for dry sanding applications on plastic, metal or fiberglass.

Best For: Use for feather-edging, sanding scratches, finishing plastic fillers and paint removal.

Tool: Cut to fit power sander, block or hand sanding. **Page 38**

SILICON CARBIDE WET/DRY PAPER

Specifications:
Silicon carbide grit designed to prevent loading when sanding. A great purpose sheet for dry sanding applications on plastic, metal or fiberglass automotive surfaces.

Best For: Use for feather-edging, sanding scratches, finishing plastic fillers and paint removal.

Tool: Cut to fit power sander, block or hand sanding. **Page 38**

SANDSCREEN SHEETS

Specifications:
Open coat resin on resin bond.

Best For: Concrete or ceramic tile.

Tool: Power Sanders. **Page 39**

EMERY CLOTH SHEETS AND ROLLS

Specifications: Emery Grain with cloth backing.

Best For: Sanding and polishing

Tool: Use by hand. **Page 39**

GOLD PRO DISCS

Specifications: Aluminum Oxide on "C" weight backing.

Best For: Auto body or manufacturing sanding needs.

Tool: Orbital Sander. **Page 40**

SUPER BLUE DISCS

Specifications: Extra Open coating and Resin bonding also offers a Special Stearate top coat.

Best For: Use on polyurethanes, carbon fiber, polyesters, and acrylic resins.

Tool: Orbital Sander. **Page 41**

ABRASIVE FILE SHEETS AND ROLLS

Specifications: Aluminum Oxide with 3 different backings.

Best For: Auto body or flat surface sanding.

Tool: Long board sanders. **Page 42**

SURFACE PREP COLOR CHART

BROWN
COARSE

BURGUNDY
MEDIUM

BLUE
FINE

GREY
ULTRA-FINE

BROWN/BLUE BACK
EXTRA COARSE

BURGUNDY/BLUE BACK
HEAVY-DUTY MEDIUM

SURFACE CONDITIONING

620T 620TB / 13062

Thicker, Longer Lasting Material

Specifications:
The Twist-To-Lock feature is great for quick-change and is compatible with all other brands of twist locking style holders.

STAR-BRITE SUPERIOR LIFE SURFACE PREP DISCS

Item#	Old#	*3M#	Size	Color	Grit	Pk. Qty.	MP
610TB		37454	1 ½"	Brown	Coarse	25	4
612TB		37462	1 ½"	Burgundy	Medium	25	4
614TB		37470	1 ½"	Blue	Fine	25	4
616TB		37488	1 ½"	Grey	Ultra-Fine	25	4
13000		07480	2"	Brown	Coarse	10	8
13062	620TB	07480	2"	Brown	Coarse	25	8
13003	620TB-50	07480	2"	Brown	Coarse	50	10
13219	620TBC	07480	2"	Brown	Coarse	100	10
620TB-500		07480	2"	Brown	Coarse	500	2
620TB-1000		07480	2"	Brown	Coarse	1000	1
621TB		92679	2"	Brown	Extra Coarse	25	4
621TB-50		92679	2"	Brown	Extra Coarse	50	5
621TBC		92679	2"	Brown	Extra Coarse	100	5
13001		07481	2"	Burgundy	Medium	10	8
13018	622TB	07481	2"	Burgundy	Medium	25	4
13004	622TB-50	07481	2"	Burgundy	Medium	50	10
13220	622TBC	07481	2"	Burgundy	Medium	100	10
622TB-500		07481	2"	Burgundy	Medium	500	2
622TB-1000		07481	2"	Burgundy	Medium	1000	1
623TB		83987	2"	Burgundy	Heavy Duty Medium	25	4
623TB-50		83987	2"	Burgundy	Heavy Duty Medium	50	5
623TBC		83987	2"	Burgundy	Heavy Duty Medium	100	5
13002		07515	2"	Blue	Fine	10	8
624TB		07515	2"	Blue	Fine	25	4
13005	624TB-50	07515	2"	Blue	Fine	50	10
13221	624TBC	07515	2"	Blue	Fine	100	10
624TB-500		07515	2"	Blue	Fine	500	2
624TB-1000		07515	2"	Blue	Fine	1000	1
626TB		07516	2"	Grey	Ultra-Fine	25	4
626TB-50		07516	2"	Grey	Ultra-Fine	50	10
626TBC		07516	2"	Grey	Ultra-Fine	100	10
626TB-1000		07516	2"	Grey	Ultra-Fine	1000	1
13006		07485	3"	Brown	Coarse	10	8
13019	630TB	07485	3"	Brown	Coarse	25	4
13222	630TB-50	07485	3"	Brown	Coarse	50	10
13223	630TBC	07485	3"	Brown	Coarse	100	5

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(Continued)

SURFACE CONDITIONING

620TB

STAR-BRITE SUPERIOR LIFE SURFACE PREP DISCS

Item#	Old#	**3M#	Size	Color	Grit	Pk. Qty.	MP
630TB-1000		07485	3"	Brown	Coarse	1000	1
631TB		92695	3"	Brown	X-tra Coarse	25	10
631TB-50		92695	3"	Brown	X-tra Coarse	50	10
631TBC		92695	3"	Brown	X-tra Coarse	100	5
13007		07486	3"	Burgundy	Medium	10	10
13020	632TB	07486	3"	Burgundy	Medium	25	10
13224	632TB-50	07486	3"	Burgundy	Medium	50	5
13225	632TBC	07486	3"	Burgundy	Medium	100	5
632TB-500		07486	3"	Burgundy	Medium	500	1
632TB-1000		07486	3"	Burgundy	Medium	1000	1
633TB		83995	3"	Burgundy	Heavy Duty Medium	25	10
633TB-50		83995	3"	Burgundy	Heavy Duty Medium	50	10
633TBC		83995	3"	Burgundy	Heavy Duty Medium	100	5
13008		07513	3"	Blue	Fine	10	10
634TB		07513	3"	Blue	Fine	25	10
634TB-50		07513	3"	Blue	Fine	50	10
634TBC		07513	3"	Blue	Fine	100	5
634TB-1000		07513	3"	Blue	Fine	1000	1
636TB		07514	3"	Grey	Ultra-Fine	25	10
636TB-50		07514	3"	Grey	Ultra-Fine	50	10
636TBC		07514	3"	Grey	Ultra-Fine	100	5
636TB-1000		07514	3"	Grey	Ultra-Fine	1000	1
13009		07482	4"	Brown	Coarse	10	5
640TB		07482	4"	Brown	Coarse	25	4
640TB-50		07482	4"	Brown	Coarse	50	4
640TBC		07482	4"	Brown	Coarse	100	2
13010		21274	4"	Burgundy	Medium	10	5
642TB		07484	4"	Burgundy	Medium	25	4
642TB-50		07484	4"	Burgundy	Medium	50	4
642TBC		07484	4"	Burgundy	Medium	100	2
644TB		07511	4"	Blue	Fine	10	5
13011	646TB	07512	4"	Grey	Ultra-Fine	10	5
64520TB*		52162	4 ½"	Brown	Coarse	10	5
64522TB*		23688	4 ½"	Burgundy	Medium	10	5
64524TB*			4 ½"	Blue	Fine	10	5
64526TB*			4 ½"	Grey	Ultra-Fine	10	5
6520TB*		21282	5"	Brown	Coarse	10	5
6522TB*		34053	5"	Burgundy	Medium	10	5
6524TB*			5"	Blue	Fine	10	5
6526TB*			5"	Grey	Ultra-Fine	10	5

*Hook and Loop
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SURFACE CONDITIONING

STAR-BRITE SUPERIOR LIFE SURFACE PREP DISCS

Item#	**3M#	Size	Color	Grit	Pk. Qty.	MP
6620TB*	35408	6"	Brown	Coarse	10	5
6622TB*	45869	6"	Burgundy	Medium	10	5
6624TB*		6"	Blue	Fine	10	5
6720TB*	07943	7"	Brown	Coarse	10	5
6722TB*	23312	7"	Burgundy	Medium	10	5
6724TB*	53384	7"	Blue	Fine	10	5
6726TB*		7"	Grey	Ultra-Fine	10	5

Specifications:

These premium pads are softer, with a less aggressive performance.

Backing Type: Twist-to-lock

STAR-BRITE PREMIUM PADS

Item#	**3M#	Size	Color	Grit	Pk. Qty.	MP
610T	37454	1 ½"	Brown	Coarse	25	4
610T-100	37454	1 ½"	Brown	Coarse	100	5
612T	37462	1 ½"	Burgundy	Medium	25	4
612T-100	37462	1 ½"	Burgundy	Medium	100	5
614T	37470	1 ½"	Blue	Fine	25	4
614T-100	37470	1 ½"	Blue	Fine	100	1
614T-1000	37470	1 ½"	Blue	Fine	1000	1
620T	07480	2"	Brown	Coarse	25	4
620T-50	07480	2"	Brown	Coarse	50	10
620TC	07480	2"	Brown	Coarse	100	10
620T-500	07480	2"	Brown	Coarse	500	2
620T-1000	07480	2"	Brown	Coarse	1000	1
622T	07481	2"	Burgundy	Medium	25	4
622T-50	07481	2"	Burgundy	Medium	50	10
622TC	07481	2"	Burgundy	Medium	100	1
622T-500	07481	2"	Burgundy	Medium	500	2
622T-1000	07481	2"	Burgundy	Medium	1000	1
624T	07515	2"	Blue	Fine	25	4
624T-50	07515	2"	Blue	Fine	50	10
624TC	07515	2"	Blue	Fine	100	10
624T-500	07515	2"	Blue	Fine	500	2
624T-1000	07515	2"	Blue	Fine	1000	1

*Hook and Loop
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SURFACE CONDITIONING

STAR-BRITE PREMIUM PADS

Less aggressive than the TB series, these USA made pads offer more flexibility and a softer disc, provides a high quality user experience.

Item#	*3M#	Size	Color	Grit	Pk. Qty.	MP
626T	07515	2"	Grey	Ultra Fine	25	4
626T-50	07515	2"	Grey	Ultra Fine	50	10
626TC	07515	2"	Grey	Ultra Fine	100	2
626T-500	07515	2"	Grey	Ultra Fine	500	1
626T-1000	07515	2"	Grey	Ultra Fine	1000	1
630T	07485	3"	Brown	Coarse	25	4
630T-50	07485	3"	Brown	Coarse	50	10
630TC	07485	3"	Brown	Coarse	100	5
630T-500	07485	3"	Brown	Coarse	500	1
630T-1000	07485	3"	Brown	Coarse	1000	1
632T	07486	3"	Burgundy	Medium	25	4
632T-50	07486	3"	Burgundy	Medium	50	10
632TC	07486	3"	Burgundy	Medium	100	5
632T-500	07486	3"	Burgundy	Medium	500	1
632T-1000	07486	3"	Burgundy	Medium	1000	1
634T	07513	3"	Blue	Fine	25	4
634T-50	07513	3"	Blue	Fine	50	2
634TC	07513	3"	Blue	Fine	100	2
634T-500	07513	3"	Blue	Fine	500	1
634T-1000	07513	3"	Blue	Fine	1000	1
636T	07514	3"	Grey	Ultra Fine	25	4
636T-50	07514	3"	Grey	Ultra Fine	50	2
636TC	07514	3"	Grey	Ultra Fine	100	2
636T-500	07514	3"	Grey	Ultra Fine	500	1
636T-1000	07514	3"	Grey	Ultra Fine	1000	1
640T	07482	4"	Brown	Coarse	25	4
640T-50	07482	4"	Brown	Coarse	50	2
640TC	07482	4"	Brown	Coarse	100	2
640T-500	07482	4"	Brown	Coarse	500	1
640T-1000	07482	4"	Brown	Coarse	1000	1
642T	07483	4"	Burgundy	Medium	25	4
642T-50	07483	4"	Burgundy	Medium	50	2
642TC	07483	4"	Burgundy	Medium	100	2
642T-500	07483	4"	Burgundy	Medium	500	1
642T-1000	07483	4"	Burgundy	Medium	1000	1
644T	07511	4"	Blue	Fine	10	5
644TC	07511	4"	Blue	Fine	100	2
646T	07512	4"	Grey	Ultra Fine	10	5
646TC	07512	4"	Grey	Ultra Fine	100	2

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SURFACE PREP/GRINDING

STAR-BRITE/MINI GRINDING CLAMSHELL PACKAGES

Shark has compiled 6 prime clamshell display packages. These kits have great 4 color packaging that will stand out on the display shelves. The 6 kits are created of several different types of mini grinding discs and star-brite discs.

STAR-BRITE FINISHING KITS 2" & 3"

The Surface Conditioning Discs provide a burr-free finish while removing grinding marks, rust and surface coatings, while the professional Grinding Discs provide a fast, efficient method of grinding, blending, leveling and finishing metal surfaces.

Item#	Description	Item#	Description
16401	2" Mini Grinding Assortment	**16402**	3" Mini Grinding Assortment
This 6 pcs Surface Prep Assortment kit includes the following: (1) 2" Coarse Disc (1) 2" Medium Disc (1) 2" 24 Grit Mini Grinding Disc (1) 2" 36 Grit Mini Grinding Disc (1) 2" 50 Grit Mini Grinding Disc (1) 2" Holder		This 6 pcs Surface Prep Assortment kit includes the following: (1) 3" Coarse Disc (1) 3" Medium Disc (1) 3" 24 Grit Mini Grinding Disc (1) 3" 36 Grit Mini Grinding Disc (1) 3" 50 Grit Mini Grinding Disc (1) 3" Holder	

Item#	Description
620TBA	**Surface Prep Assortment** This 26 pcs Surface Prep Assortment kit includes the following: (12) 2" Coarse Discs, (10) 2" Medium Discs, (3) 2" Fine Discs and (1) 2" Holder
6200	**Surface Prep Assortment** This 20 pcs Surface Prep Assortment kit includes the following: (10) 2" Coarse Discs, (8) 2" Medium Discs and (2) 2" Fine Discs

MINI GRINDING/STAR-BRITE ASSORTMENT KIT

Item#	Description	Item#	Description
6300	2" Assortment Kit	**6400**	2" & 3" Assortment Kit
This 20 pcs Mini Grinding Assortment kit includes: (8) 2" 24 Grit Mini Grinding Disc (5) 2" 36 Grit Mini Grinding Disc (5) 2" 50 Grit Mini Grinding Disc (2) 2" 80 Grit Mini Grinding Disc		This 20 pcs Surface Prep/Mini Grinding Assortment kit includes: (4) 2" Coarse Disc (4) 3" Coarse Disc (4) 2" 24 Grit Mini Grinding Disc (4) 2" 36 Grit Mini Grinding Disc (4) 2" 50 Grit Mini Grinding Disc	

SURFACE PREP/GRINDING KITS

STAR-BRITE SURFACE PREP ASSORTMENT KIT

This set is perfect for sanding jobs in the paint shops. For use when preparing a car body prior to painting, this kit will accommodate a full range of customer needs.

S6600

S6600 Kit Includes

Item#	Qty.	Description
6666T	1	Angle Head Air Tool (Taiwan)
13062-1	3	2" Coarse Star-Brite Discs
13018-1	3	2" Medium Star-Brite Discs
13019-1	3	3" Coarse Star-Brite Discs
13020-1	3	3" Medium Star-Brite Discs
13012	1	2" Twist-to-Lock Holder
13013	1	3" Twist-to-Lock Holder
A25S	1	Salmon Mounted Point
W178S	1	Salmon Mounted Point
W236S	1	Salmon Mounted Point
13109-1	1	1 1/2" x 1" - 40 Grit Flap Wheel
13110-1	1	1 1/2" x 1/2" - 60 Grit Flap Wheel

ANGLE HEAD AIR TOOL

Angled head design allows user to get into tight spaces. Designed for 2" and 3" holders.

6666T	Shark Angle Head Air Tool Made in Taiwan	1.25 lb.	3" x 7" x 2"

SANDING AND STAR-BRITE ASSORTMENT KIT

For sanding and surface prep before painting cars in body shops.

S6650

S6650 Kit Includes

Item#	Qty.	Description
6666T	1	Angle Head Air Tool (Taiwan)
13227-1	2	2" Aluminum Oxide Discs Coarse 36 grit
13229-1	1	2" Aluminum Oxide Discs Medium 80 grit
13235-1	2	3" Aluminum Oxide Discs Coarse 36 grit
13237-1	1	3" Aluminum Oxide Discs Medium 80-grit
13062-1	2	2" Coarse Star-Brite Discs
13018-1	1	2" Medium Star-Brite Discs
13019-1	2	3" Coarse Star-Brite Discs
13020-1	1	3" Medium Star-Brite Discs
13012	1	2" Twist-to-Lock Holder
13013	1	3" Twist-to-Lock Holder
A25S	1	Salmon Mounted Point
W178S	1	Salmon Mounted Point
W236S	1	Salmon Mounted Point
13109-1	1	1 1/2" x 1" - 40 Grit Flap Wheel
13110-1	1	1 1/2" x 1/2" - 60 Grit Flap Wheel

Uses all 1/4" Shaft Holders.
Twist-to-Lock Holders

SURFACE PREP/GRINDING

STAR-BRITE POLISHING DISC
TYPE 27

This depressed center polishing disc is used for polishing on flat surfaces and edge cleaning. Provides excellent surface finishes on Stainless Steel.

Item#	Length	Width	Color	Grit	Style	Pk. Qty	MP
14601	4"	5/8"	Maroon	Coarse	Polishing Disc	1	10
14602	4 1/2"	7/8"	Maroon	Coarse	Polishing Disc	1	10
14603	4"	5/8"	Grey	Medium	Polishing Disc	1	10
14604	4 1/2"	7/8"	Grey	Medium	Polishing Disc	1	10

STAR-BRITE SANDING PADS

Specifications:
Non woven pads impregnated with resin and grain for many applications.

Best For: Hand sanding on parts and rust.

Item#	*3M#	Length	Width	Color	Grit	Style	Pk. Qty	MP
13015	07445	6"	9"	White	Cleaning	Sanding Pads	10 Pads	10
13016	07448	6"	9"	Grey	Ultra Fine	Sanding Pads	10 Pads	10
13017	07447	6"	9"	Maroon	Medium	Sanding Pads	10 Pads	10
13073 - 20 Pack		6"	9"	Maroon	Medium	Sanding Pads	20 Pads	5
13074 - 20 Pack		6"	9"	Grey	Ultra Fine	Sanding Pads	20 Pads	5
13075 - 20 Pack		6"	9"	10 Maroon & 10 Grey	Medium/Ultra Fine	Sanding Pads	20 Pads	5

STRIP-BRITE DISCS
TYPE 27

Specifications:
Mounted on a depressed center backing plate. Use when grinding on flat or convex surfaces when removing rust or paint. It will not distort or disturb the metal.

Item#	Size	Arbor	Color	Grit	Style	Pk. Qty	MP
14605	4 ½"	7/8"	Red	Coarse	Strip-Brite Disc	1	5
14606	4 ½"	7/8"	Black	Medium	Strip-Brite Disc	1	5
16208	4 ½"	7/8"	Purple	Extra Coarse	Strip-Brite Disc	1	5
16209	7"	7/8"	Purple	Extra Coarse	Strip-Brite Disc	1	5

STRIP-BRITE DISC
TYPE 1

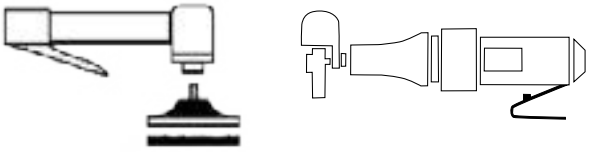
14607

12782

Specifications:
Mounted on the 12782 mandrel, the disc is designed to be used on the edge for rust or paint removal in gutters, depressions, or concave areas when it is not desired to distort or change the metal dimensions.

Item#	Size	Arbor	Color	Grit	Style	Pk. Qty	MP
14607	4 x ½"	7/16"	Red	Coarse	Strip-Brite Disc	1	5
12782	7/16"	Arbor Hole			Mandrel for 14607	1	5

MINI GRINDING



Tool: Right Angle Grinders or Die Grinders.

STRIP-BRITE PADS

These discs are typically used for paint or coating removal and feature the quick and easy twist-to-lock attachment system. The disc is an open-web construction impregnated with silicon carbide to provide aggressive and long-lasting performance. The extremely durable, three-dimensional web has a soft edge, allowing it to remove paint and other coatings in those unreachable creases and dents while removing very little metal. Great for stripping paint without damaging metal especially on aluminum.

BLACK
Good
For least aggressive grinding.

RED
Better
Medium Life
Grinding

PURPLE
Best
Longest Life
Grinding

Backing Type:
Twist-to-lock

Item#	Size	Pk. Qty
6202	2"	2
6205	2"	5
6206	2"	10
6302	3"	2
6305	3"	5
6306	3"	10

Item#	Size	Pk. Qty
16202	2"	5
16201	2"	10
16203	3"	2
16204	3"	5
16205	3"	10

Item#	Size	Pk. Qty
16206	2"	5
16210	2"	10
16207	3"	5
16211	3"	10
*16208	4 1/2" x 7/8"	1
*16209	7" x 7/8"	1

*Type 27 - 7/8" hole.

CLOTH BACKED MINI GRINDING DISCS

Specifications:
Cloth-backed sanding/grinding discs are available in Aluminum Oxide or Zirconia. The cloth backing makes the disc softer and is good for less aggressive sanding/grinding applications.

Tool: Right Angle Grinders or Die Grinders.

Best For: **Aluminum Oxide:**
Any sanding or grinding application on steel or bondo.

Zirconia:
Any sanding or grinding application on stainless steel.

ALUMINUM OXIDE CLOTH BACKED GRINDING DISCS

Item#	Size	Grit	Grain	Pk. Qty
43220	2"	24	Aluminum Oxide	25
43221	2"	36	Aluminum Oxide	25
43222	2"	50	Aluminum Oxide	25
43223	2"	80	Aluminum Oxide	25
43224	2"	120	Aluminum Oxide	25
43225	3"	24	Aluminum Oxide	25
43226	3"	36	Aluminum Oxide	25
43227	3"	50	Aluminum Oxide	25
43228	3"	80	Aluminum Oxide	25
43229	3"	120	Aluminum Oxide	25

ZIRCONIA CLOTH BACKED MINI GRINDING DISCS

Item#	Size	Grit	Grain	Pk. Qty
44220	2"	24	Zirconia	25
44221	2"	36	Zirconia	25
44222	2"	50	Zirconia	25
44223	2"	80	Zirconia	25
44224	2"	120	Zirconia	25
44225	3"	24	Zirconia	25
44226	3"	36	Zirconia	25
44227	3"	50	Zirconia	25
44228	3"	80	Zirconia	25
44229	3"	120	Zirconia	25

GREEN ZIRCONIA MINI GRINDING DISCS

Longer life than Zirconia or Aluminum Oxide discs, these are great for a multitude of uses where a heavy duty abrasive is required. Excels on extra hard metals such as stainless steel.

2"

Item#	Size	Grit	Style	Pk. Qty
12612	2"	24	Green Zirconia	25
13044	2"	24	Green Zirconia	10
12613	2"	36	Green Zirconia	25
13045	2"	36	Green Zirconia	10
12614	2"	50	Green Zirconia	25
13046	2"	50	Green Zirconia	10
12615	2"	80	Green Zirconia	25
13083	2"	Assorted w/13012	Green Zirconia	7

3"

Item#	Size	Grit	Style	Pk. Qty
12616	3"	24	Green Zirconia	25
12617	3"	36	Green Zirconia	25
12618	3"	50	Green Zirconia	25
12619	3"	80	Green Zirconia	25

13083

CERAMIC MINI GRINDING DISCS

Ceramic is the longest life grain available. This product has a laminated, tough backing for extra longevity. It eliminates the shredding or snagging you will experience with pressure sensitive discs. Use for grinding and finishing of stainless steel, high alloy steels, chrome, nickel and titanium.

2"

Item#	Size	Grit	Style	Pk. Qty
12621	2"	24	Ceramic	25
12622	2"	36	Ceramic	25
13047	2"	36	Ceramic	10
12623	2"	40	Ceramic	25
12624	2"	50	Ceramic	25
13048	2"	50	Ceramic	10
12625	2"	60	Ceramic	25
12626	2"	80	Ceramic	25
12634	2"	120	Ceramic	25
13086	2"	Assorted w/13012	Ceramic	7

3"

Item#	Size	Grit	Style	Pk. Qty
12627	3"	24	Ceramic	25
12628	3"	36	Ceramic	25
12629	3"	40	Ceramic	25
12630	3"	50	Ceramic	25
12631	3"	60	Ceramic	25
12632	3"	80	Ceramic	25
12633	3"	120	Ceramic	25

13086

MINI GRINDING DISCS

ALUMINUM OXIDE/RESIN BACKED 2" & 3" MINI GRINDING DISCS

Specifications:
Premium Aluminum Oxide grit bonded onto tough resin backing offers a very durable disc.

Best For: Weld grinding and finishing on steel & metals.

Tool: For use with angle and die grinders.

Item#	Old#	Size	Grit	Grain	Pk. Qty	MP
12840		2"	24	Aluminum Oxide	10	10
13226	3220GT	2"	24	Aluminum Oxide	25	4
13230	3220GT-50	2"	24	Aluminum Oxide	50	10
3220GT-100		2"	24	Aluminum Oxide	100	5
12841		2"	36	Aluminum Oxide	10	10
13227	3230GT	2"	36	Aluminum Oxide	25	4
13231	3230GT-50	2"	36	Aluminum Oxide	50	10
3230GT-100		2"	36	Aluminum Oxide	100	5
12842		2"	50	Aluminum Oxide	10	10
13228	3250GT	2"	50	Aluminum Oxide	25	4
13232	3250GT-50	2"	50	Aluminum Oxide	50	10
3250GT-100		2"	50	Aluminum Oxide	100	5
12843		2"	80	Aluminum Oxide	10	10
13229	3280GT	2"	80	Aluminum Oxide	25	4
13233	3280GT-50	2"	80	Aluminum Oxide	50	10
3280GT-100		2"	80	Aluminum Oxide	100	5
32120GT		2"	120	Aluminum Oxide	25	4
12844		3"	24	Aluminum Oxide	10	10
13234	3320GT	3"	24	Aluminum Oxide	25	4
13238		3"	24	Aluminum Oxide	50	10
3320GT-100		3"	24	Aluminum Oxide	100	5
12845		3"	36	Aluminum Oxide	10	10
13235	3330GT	3"	36	Aluminum Oxide	25	4
13239		3"	36	Aluminum Oxide	50	10
3330GT-100		3"	36	Aluminum Oxide	100	5
12846		3"	50	Aluminum Oxide	10	10
13236	3350GT	3"	50	Aluminum Oxide	25	4
13240		3"	50	Aluminum Oxide	50	10
3350GT-100		3"	50	Aluminum Oxide	100	5
12847		3"	80	Aluminum Oxide	10	10
13237	3380GT	3"	80	Aluminum Oxide	25	4
13241		3"	80	Aluminum Oxide	50	10
3380GT-100		3"	80	Aluminum Oxide	100	5
33120GT		3"	120	Aluminum Oxide	25	4

MINI GRINDING DISCS

ZIRCONIA RESIN BACKED 2" & 3" MINI GRINDING DISCS

Specifications:
Zirconia long-life grain for Stainless Steel or regular steels.

Best For: Weld grinding and finishing on Stainless Steel.

Tool: For use with angle grinders or die grinders.

Item#	Old#	Size	Grit	Grain	Pk. Qty	MP
13242	3220ZGT	2"	24	Zirconia	25	4
13246		2"	24	Zirconia	50	10
13243	3230ZGT	2"	36	Zirconia	25	4
13247	3230ZGT-50	2"	36	Zirconia	50	10
13244	3250ZGT	2"	50	Zirconia	25	4
13248	3250ZGT-50	2"	50	Zirconia	50	10
13245	3280ZGT	2"	80	Zirconia	25	4
13249		2"	80	Zirconia	50	10
13258	32120ZGT	2"	120	Zirconia	25	4
13250	3320ZGT	3"	24	Zirconia	25	4
13254		3"	24	Zirconia	50	10
13251	3330ZGT	3"	36	Zirconia	25	4
13255		3"	36	Zirconia	50	10
13252	3350ZGT	3"	50	Zirconia	25	4
13256	3350ZGT-50	3"	50	Zirconia	50	10
13253	3380ZGT	3"	80	Zirconia	25	4
13257	3380ZGT-50	3"	80	Zirconia	50	10
13259	33120ZGT	3"	120	Zirconia	25	4

NEW! ABRASIVE METAL SUPPLY CABINETS

Installers Most-Used 2" & 3" Abrasives, Cut-Off Wheels, and Accessories.

Includes:

- **3/8″ Mandrel** - 1
- **2″ Twist Lock Holder** - 1
- **3″ Twist Lock Holder** - 1
- **Cut-Off Wheels 3″x1/32″x3/8″** 54 Grit - 6
- **Cut-Off Wheels 3″x1/16″x3/8″** 54 Grit - 6
- **2″ Green Mini Grinding Discs** 50 Grit - 25
- **3″ Green Mini Grinding Discs** 50 Grit - 10
- **2″ Surface Prep Discs** Medium (Burgundy) - 25
- **3″ Surface Prep Discs** Medium (Burgundy) - 10
- **2″ Surface Prep Discs** Coarse (Brown) - 25
- **3″ Surface Prep Discs** Coarse (Brown) - 10
- **Shark Commercial Cabinet** 19″x4″x26″ - 1

ITEM# 16990

Installers Most-Used 2" Abrasives, Cut-Off Wheels, and Accessories.

Includes:

- **3/8″ Mandrel** - 1
- **2″ Twist Lock Holder** - 1
- **2″ Mini Flap Disc Zirc 60 Grit** - 3
- **Cut-Off Wheels 3″x1/32″x3/8″** 54 Grit - 6
- **Cut-Off Wheels 3″x1/16″x3/8″** 54 Grit - 6
- **2″ Green Mini Grinding Discs** 36 Grit - 15
- **3″ Green Mini Grinding Discs** 50 Grit - 15
- **2″ Surface Prep Discs** Fine (Blue) - 15
- **3″ Surface Prep Discs** Medium (Burgundy) - 25
- **2″ Surface Prep Discs** Coarse (Brown) - 25
- **3 ″ Strip Brite Discs** Coarse (Purple) - 3
- **Shark Commercial Cabinet** 19″x4″x26″ - 1

ITEM# 16993

SHARK ABRASIVE ASSORTMENT DISPLAY

16403

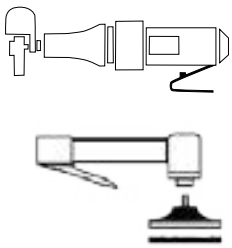
Applications:
This 244 piece kit is ideal for cutting or sanding various metals. Our USA made cut-off wheels are reinforced with fiberglass for increased durability. This kit includes two of our most popular wheels made in the USA.

Our long lasting, aggressive zirconia discs are for heavy stock removal. Finer grits are used when blending and finishing metals. Ideal for deburring, oxidation, fire scale removal, cleaning, blending or smoothing. All our surface prep discs come with the Twist-to-Lock backing for secure and easy attachment.

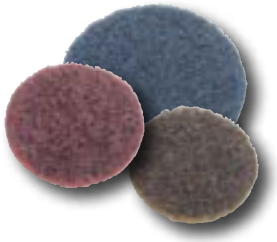
ITEM# 16403

KIT INCLUDES:

Tools: Angle grinders or die grinders



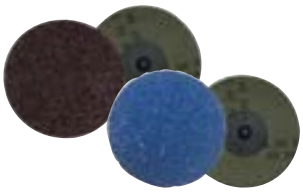
Star-Brite Surface Conditioning Discs:



13062 ■ 2" Brown, Coarse Grit - 10 each
13018 ■ 2" Burgundy, Medium Grit - 8 each
624TB ■ 2" Blue, Fine Grit - 8 each

13019 ■ 3" Brown, Coarse Grit - 10 each
13020 ■ 3" Burgundy, Medium Grit - 8 each
634TB ■ 3" Blue, Fine Grit - 8 each

Aluminum Oxide & Zirconia Mini Grinding Discs:



13226 ■ 2" Aluminum Oxide 24 Grit - 10 each
13228 ■ 2" Aluminum Oxide 50 Grit - 8 each
13235 ■ 3" Aluminum Oxide 36 Grit - 10 each
13236 ■ 3" Aluminum Oxide 50 Grit - 8 each

13243 ■ 2" Zirconia 36 Grit - 8 each
13251 ■ 3" Zirconia 36 Grit - 8 each

Aluminum Oxide Resin Bonded Cut-Off Wheels:

12704 ■ 3" x 1/16" x 3/8" 54 Grit - 60 each
12700 ■ 3" x 1/32" x 3/8" 54 Grit - 60 each

Strip-Brite Pads:

16202 ■ 2" Red Stripper Pad with Twist-To-Lock Backing Pad - 6 each
16203 ■ 3" Red Stripper Pad with Twist-To-Lock Backing Pad - 4 each

Surface Prep Twist-To-Lock Holders:

13012 ■ 2" Twist-To-Lock Backing Pad - 6 each
13013 ■ 3" Twist-To-Lock Backing Pad - 4 each

4"- 5" RESIN FIBER GRINDING DISCS

Specifications:
Premium Aluminum Oxide grit bonded onto tough resin backing offers a very durable disc.
Best For: Weld grinding, auto body work and general steel grinding.
Tool: 4" - 9" angle grinders

ALUMINUM OXIDE RESIN FIBER DISCS

Item#	Old#	Size	Arbor	Grit	Grain	RPM	Pk. Qty	MP
12805	40160-3	4"	5/8"	16	Aluminum Oxide	15,300	3	10
40160		4"	5/8"	16	Aluminum Oxide	15,300	25	4
12806	40240-3	4"	5/8"	24	Aluminum Oxide	15,300	3	10
40240		4"	5/8"	24	Aluminum Oxide	15,300	25	4
12807	40360-3	4"	5/8"	36	Aluminum Oxide	15,300	3	10
40360		4"	5/8"	36	Aluminum Oxide	15,300	25	4
12808	40500-3	4"	5/8"	50	Aluminum Oxide	15,300	3	10
40500		4"	5/8"	50	Aluminum Oxide	15,300	25	4
12809	40800-3	4"	5/8"	80	Aluminum Oxide	15,300	3	10
40800		4"	5/8"	80	Aluminum Oxide	15,300	25	4
12810	40100-3	4"	5/8"	100	Aluminum Oxide	15,300	3	10
40100		4"	5/8"	100	Aluminum Oxide	15,300	25	4
12811	40120-3	4"	5/8"	120	Aluminum Oxide	15,300	3	10
40120		4"	5/8"	120	Aluminum Oxide	15,300	25	4
12812	45160-3	4 ½"	7/8"	16	Aluminum Oxide	13,300	3	10
45160		4 ½"	7/8"	16	Aluminum Oxide	13,300	25	8
12813	45240-3	4 ½"	7/8"	24	Aluminum Oxide	13,300	3	10
45240		4 ½"	7/8"	24	Aluminum Oxide	13,300	25	8
45240C		4 ½"	7/8"	24	Aluminum Oxide	13,300	100	4
12814	45360-3	4 ½"	7/8"	36	Aluminum Oxide	13,300	3	10
45360		4 ½"	7/8"	36	Aluminum Oxide	13,300	25	8
12815	45500-3	4 ½"	7/8"	50	Aluminum Oxide	13,300	3	10
45500		4 ½"	7/8"	50	Aluminum Oxide	13,300	25	8
12816	45800-3	4 ½"	7/8"	80	Aluminum Oxide	13,300	3	10
45800		4 ½"	7/8"	80	Aluminum Oxide	13,300	25	8
12817	45100-3	4 ½"	7/8"	100	Aluminum Oxide	13,300	3	10
45100		4 ½"	7/8"	100	Aluminum Oxide	13,300	25	8
12818	45120-3	4 ½"	7/8"	120	Aluminum Oxide	13,300	3	10
45120		4 ½"	7/8"	120	Aluminum Oxide	13,300	25	8
12819	50160-3	5"	7/8"	16	Aluminum Oxide	12,250	3	10
50160		5"	7/8"	16	Aluminum Oxide	12,250	25	8
12820	50240-3	5"	7/8"	24	Aluminum Oxide	12,250	3	10
50240		5"	7/8"	24	Aluminum Oxide	12,250	25	8
50240C		5"	7/8"	24	Aluminum Oxide	12,250	100	4
12821	50360-3	5"	7/8"	36	Aluminum Oxide	12,250	3	10
50360		5"	7/8"	36	Aluminum Oxide	12,250	25	8
50360C		5"	7/8"	36	Aluminum Oxide	12,250	100	4

5"- 9" RESIN FIBER GRINDING DISCS

ALUMINUM OXIDE RESIN FIBER DISCS

Item#	Old#	Size	Arbor	Grit	Grain	RPM	Pk. Qty	MP
12822	50500-3	5"	7/8"	50	Aluminum Oxide	12,250	3	10
50500		5"	7/8"	50	Aluminum Oxide	12,250	25	8
12823	50800-3	5"	7/8"	80	Aluminum Oxide	12,250	3	10
50800		5"	7/8"	80	Aluminum Oxide	12,250	25	8
12824	50100-3	5"	7/8"	100	Aluminum Oxide	12,250	3	10
50100		5"	7/8"	100	Aluminum Oxide	12,250	25	8
12825	50120-3	5"	7/8"	120	Aluminum Oxide	12,250	3	10
50120		5"	7/8"	120	Aluminum Oxide	12,250	25	8
12826	70160-3	7"	7/8"	16	Aluminum Oxide	8,500	3	10
70160		7"	7/8"	16	Aluminum Oxide	8,500	25	8
12827	70240-3	7"	7/8"	24	Aluminum Oxide	8,500	3	10
70240		7"	7/8"	24	Aluminum Oxide	8,500	25	8
70240C		7"	7/8"	24	Aluminum Oxide	8,500	100	2
12828	70360-3	7"	7/8"	36	Aluminum Oxide	8,500	3	10
70360		7"	7/8"	36	Aluminum Oxide	8,500	25	8
70360C		7"	7/8"	36	Aluminum Oxide	8,500	100	2
12829	70500-3	7"	7/8"	50	Aluminum Oxide	8,500	3	10
70500		7"	7/8"	50	Aluminum Oxide	8,500	25	8
70600		7"	7/8"	60	Aluminum Oxide	8,500	25	8
12830	70800-3	7"	7/8"	80	Aluminum Oxide	8,500	3	10
70800		7"	7/8"	80	Aluminum Oxide	8,500	25	8
12831	70100-3	7"	7/8"	100	Aluminum Oxide	8,500	3	10
70100		7"	7/8"	100	Aluminum Oxide	8,500	25	8
12832	70120-3	7"	7/8"	120	Aluminum Oxide	8,500	3	10
70120		7"	7/8"	120	Aluminum Oxide	8,500	25	8
12833	90160-3	9"	7/8"	16	Aluminum Oxide	6,650	3	10
90160		9"	7/8"	16	Aluminum Oxide	6,650	25	8
12834	90240-3	9"	7/8"	24	Aluminum Oxide	6,650	3	10
90240		9"	7/8"	24	Aluminum Oxide	6,650	25	8
12835	90360-3	9"	7/8"	36	Aluminum Oxide	6,650	3	10
90360		9"	7/8"	36	Aluminum Oxide	6,650	25	8
12836	90500-3	9"	7/8"	50	Aluminum Oxide	6,650	3	10
90500		9"	7/8"	50	Aluminum Oxide	6,650	25	8
12837	90800-3	9"	7/8"	80	Aluminum Oxide	6,650	3	10
90800		9"	7/8"	80	Aluminum Oxide	6,650	25	8
12838	90100-3	9"	7/8"	100	Aluminum Oxide	6,650	3	10
90100		9"	7/8"	100	Aluminum Oxide	6,650	25	8
12839		9"	7/8"	120	Aluminum Oxide	6,650	3	10
90120		9"	7/8"	120	Aluminum Oxide	6,650	25	8

RESIN FIBER GRINDING DISCS

Specifications:
Tough Zirconia grain with resins on a rugged fiber backing offers aggressive long-life grinding.

Best For: Grinding welds, auto body work and Stainless Steel.

Tool: 4" - 9" Angle Grinders

4" - 7" ZIRCONIA RESIN FIBER DISCS

Item#	Size	Arbor	Grit	Grain	RPM	Pk. Qty	MP
40240Z-3	4"	5/8"	24	Zirconia	15,300	3	10
40240Z	4"	5/8"	24	Zirconia	15,300	25	8
40360Z-3	4"	5/8"	36	Zirconia	15,300	3	10
40360Z	4"	5/8"	36	Zirconia	15,300	25	8
40500Z-3	4"	5/8"	50	Zirconia	15,300	3	10
40500Z	4"	5/8"	50	Zirconia	15,300	25	8
40800Z-3	4"	5/8"	80	Zirconia	15,300	3	10
40800Z	4"	5/8"	80	Zirconia	15,300	25	8
45240Z-3	4 ½"	7/8"	24	Zirconia	13,300	3	10
45240Z	4 ½"	7/8"	24	Zirconia	13,300	25	8
45240ZC	4 ½"	7/8"	24	Zirconia	13,300	100	2
45360Z-3	4 ½"	7/8"	36	Zirconia	13,300	3	10
45360Z	4 ½"	7/8"	36	Zirconia	13,300	25	8
45500Z-3	4 ½"	7/8"	50	Zirconia	13,300	3	10
45500Z	4 ½"	7/8"	50	Zirconia	13,300	25	8
45800Z-3	4 ½"	7/8"	80	Zirconia	13,300	3	10
45800Z	4 ½"	7/8"	80	Zirconia	13,300	25	8
50240Z-3	5"	7/8"	24	Zirconia	12,250	3	10
50240Z	5"	7/8"	24	Zirconia	12,250	25	8
50240C	5"	7/8"	24	Zirconia	12,250	100	2
50360Z-3	5"	7/8"	36	Zirconia	12,250	3	10
50360Z	5"	7/8"	36	Zirconia	12,250	25	8
50360ZC	5"	7/8"	36	Zirconia	12,250	100	2
50500Z-3	5"	7/8"	50	Zirconia	12,250	3	10
50500Z	5"	7/8"	50	Zirconia	12,250	25	8
50800Z-3	5"	7/8"	80	Zirconia	12,250	3	10
50800Z	5"	7/8"	80	Zirconia	12,250	25	8
70240Z-3	7"	7/8"	24	Zirconia	8,500	3	10
70240Z	7"	7/8"	24	Zirconia	8,500	25	4
70240ZC	7"	7/8"	24	Zirconia	8,500	100	2
70360Z-3	7"	7/8"	36	Zirconia	8,500	3	10
70360Z	7"	7/8"	36	Zirconia	8,500	25	4
70500Z-3	7"	7/8"	50	Zirconia	8,500	3	10
70500Z	7"	7/8"	50	Zirconia	8,500	25	4
70800Z-3	7"	7/8"	80	Zirconia	8,500	3	10
70800Z	7"	7/8"	80	Zirconia	8,500	25	4

RESIN FIBER GRINDING DISCS

9" ZIRCONIA RESIN FIBER DISCS

Item#	Size	Arbor	Grit	Grain	RPM	Pk. Qty	MP
90240Z-3	9"	7/8"	24	Zirconia	6,650	3	10
90240Z	9"	7/8"	24	Zirconia	6,650	25	8
90360Z-3	9"	7/8"	36	Zirconia	6,650	3	10
90360Z	9"	7/8"	36	Zirconia	6,650	25	8
90500Z-3	9"	7/8"	50	Zirconia	6,650	3	10
90500Z	9"	7/8"	50	Zirconia	6,650	25	8
90800Z-3	9"	7/8"	80	Zirconia	6,650	3	10
90800Z	9"	7/8"	80	Zirconia	6,650	25	8

PURE SHEEPSKIN AND WOOL MINI BUFFING BONNETS

These unique pads are velcro backed and made of pure wool and sheepskin for all your finishing jobs. Easily attaches to your angle grinder with a 1/4" mandrel backed velcro pad.

Item#	Description:	Pk. Qty
SK450	2" Sheepskin Bonnet	2
SK475	3" Sheepskin Bonnet	2

Item#	Description:	Pk. Qty
FT450	2" Wool Felt Pad For Compounding	2

Item#	Description:	Kit Includes:
SKA	2" Sheepskin Bonnet Kit	2 Pads & 1 Holder

Item#	Description:	Kit Includes:
FTA	2" Wool Felt Pad Kit	2 Pads & 1 Holder

SANDING SHEETS

ALUMINUM OXIDE GENERAL PURPOSE DRY SANDING SHEETS

Specifications:

Aluminum Oxide grit on a tough paper backing is designed to prevent loading when sanding.
A great general purpose sheet for dry sanding applications on plastic, metal, wood, paint and fiberglass surfaces.

Best For: Any type of sanding including feather-edging, sanding scratches or paint removal.

Tool: Cut to fit power sanders, block or hand sanders as well as hand sanding.

Item#	Size	Grit	Grain	Pk. Qty
00036	9"x11"	36	Aluminum Oxide	100/Sleeve
00040	9"x11"	40	Aluminum Oxide	100/Sleeve
00060	9"x11"	60	Aluminum Oxide	100/Sleeve
00080	9"x11"	80	Aluminum Oxide	100/Sleeve
00100	9"x11"	100	Aluminum Oxide	100/Sleeve
00120	9"x11"	120	Aluminum Oxide	100/Sleeve
00150	9"x11"	150	Aluminum Oxide	100/Sleeve
00180	9"x11"	180	Aluminum Oxide	100/Sleeve
00220	9"x11"	220	Aluminum Oxide	100/Sleeve

SILICON CARBIDE WET/DRY PAPER

Specifications:

Silicon carbide moisture resistant sheets designed for a sharp cut and fine finish. Designed for wet or dry sanding applications such as lacquers, body fillers, glass, metal, plastic, stone or marble.

Best For: Use on lacquers, body fillers, glass, metal, plastic, stone and marble.

Tool: Cut to fit power sander, block or hand sanders as well as general hand sanding.

Item#	Size	Grit	Grain	Pk. Qty
15000	9"x11"	60	Silicon Carbide	50/Sleeve
15001	9"x11"	80	Silicon Carbide	50/Sleeve
15002	9"x11"	100	Silicon Carbide	50/Sleeve
15003	9"x11"	120	Silicon Carbide	50/Sleeve
15004	9"x11"	150	Silicon Carbide	50/Sleeve
15005	9"x11"	180	Silicon Carbide	50/Sleeve
15006	9"x11"	220	Silicon Carbide	50/Sleeve
15007	9"x11"	240	Silicon Carbide	50/Sleeve
15008	9"x11"	280	Silicon Carbide	50/Sleeve
15009	9"x11"	320	Silicon Carbide	50/Sleeve
15010	9"x11"	360	Silicon Carbide	50/Sleeve
15011	9"x11"	400	Silicon Carbide	50/Sleeve
15012	9"x11"	500	Silicon Carbide	50/Sleeve
15013	9"x11"	600	Silicon Carbide	50/Sleeve
15014	9"x11"	800	Silicon Carbide	50/Sleeve
15015	9"x11"	1000	Silicon Carbide	50/Sleeve
15016	9"x11"	1200	Silicon Carbide	50/Sleeve
15017	9"x11"	1500	Silicon Carbide	50/Sleeve
15018	9"x11"	2000	Silicon Carbide	50/Sleeve

SANDING SHEETS/SHOP ROLLS

SANDSCREEN SHEETS

Specifications:
Sandscreen sheets are an open-coat screen made with a silicon carbide grain. It's a resin on resin bond, long lasting, fast cutting and non-loading. Mesh-cloth backing can be cleaned and re-used.

Best For: Concrete, ceramic tiles and hardwood floors.

Tool: Power Sander.

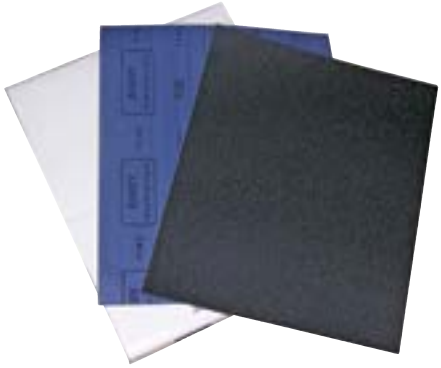
Item#	Size	Grit	Grain	Pk. Qty
88000	4 ½"x11"	120	Sandscreen	50/Sleeve
88001	4 ½"x11"	100	Sandscreen	50/Sleeve
88002	4 ½"x11"	80	Sandscreen	50/Sleeve

EMERY CLOTH SHEETS

Specifications:
Natural emery grain on a flexible cloth backing that tears easily.

Best For: Sanding, polishing and rust removal.

Tool: For hand use.



Item#	Size	Grit	Grain	Pk. Qty
80000	9"x11"	Fine	Emery Cloth	50/Sleeve
80001	9"x11"	Medium	Emery Cloth	50/Sleeve
80002	9"x11"	Coarse	Emery Cloth	50/Sleeve
80003	9"x11"	Extra Coarse	Emery Cloth	50/Sleeve

GENERAL PURPOSE EMERY CLOTH SHOP ROLLS

Specifications:

- Economical, easy tear-off, cotton "J" weight, resin bonded cloth rolls made with premium aluminum oxide grain.
- Self cut strips for hand sanding.
- Cleaning, deburring and polishing a wide variety of materials.

Item#	Size	Grit	Grain	Pk. Qty
12924	1" x 10 Yds.	80	Aluminum Oxide	1 Roll
12925	1" x 10 Yds.	120	Aluminum Oxide	1 Roll
12926	1" x 10 Yds.	180	Aluminum Oxide	1 Roll
12927	1" x 10 Yds.	320	Aluminum Oxide	1 Roll
12928	1" x 25 Yds.	80	Aluminum Oxide	1 Roll
12929	1" x 25 Yds.	120	Aluminum Oxide	1 Roll
12930	1" x 25 Yds.	180	Aluminum Oxide	1 Roll
12931	1" x 25 Yds.	320	Aluminum Oxide	1 Roll
12986	1" x 50 Yds.	60	Aluminum Oxide	1 Roll
12987	1" x 50 Yds.	80	Aluminum Oxide	1 Roll
12988	1" x 50 Yds.	100	Aluminum Oxide	1 Roll

Item#	Size	Grit	Grain	Pk. Qty
12989	1" x 50 Yds.	120	Aluminum Oxide	1 Roll
12990	1" x 50 Yds.	180	Aluminum Oxide	1 Roll
12998	1" x 50 Yds.	240	Aluminum Oxide	1 Roll
12991	1" x 50 Yds.	320	Aluminum Oxide	1 Roll
12997	1" x 50 Yds.	400	Aluminum Oxide	1 Roll
12992	1.5" x 50 Yds.	60	Aluminum Oxide	1 Roll
12993	1.5" x 50 Yds.	80	Aluminum Oxide	1 Roll
12994	1.5" x 50 Yds.	100	Aluminum Oxide	1 Roll
12995	1.5" x 50 Yds.	120	Aluminum Oxide	1 Roll
12996	1.5" x 50 Yds.	180	Aluminum Oxide	1 Roll
12999	1.5" x 50 Yds.	320	Aluminum Oxide	1 Roll

NEW! GOLD PRO DISCS

Strong "C" weight backing on grits 150 and up and "D" weight on grits 40-120, this extra open coated.

Paper with a Resin bond and tough Aluminum Oxide will meet your demanding requirements. It has a stearate top coat for extended life. These discs offer long life, aggressive, sharp and fast cutting action.

Excellent for use on clear coats, putty, primers, wood and plastic applications.

Metals: Aluminum and Stainless Steel sanding.

PSA BACKING

PSA Style: Pressure Sensitive Adhesive for a tight hold.

	Item#	Size	Backing	Grit	Pk. Qty
3"	45095	3"	PSA	80	25
	45096	3"	PSA	100	25
	45097	3"	PSA	180	25
	45098	3"	PSA	220	25
	45099	3"	PSA	320	25
5"	23536	5"	PSA	36	50
	23540	5"	PSA	40	50
	23580*	5"	PSA	80	100
	235100*	5"	PSA	100	100
	235120*	5"	PSA	120	100
	235150*	5"	PSA	150	100
	235180*	5"	PSA	180	100
	235220*	5"	PSA	220	100
	235240*	5"	PSA	240	100
	235320*	5"	PSA	320	100
	235400*	5"	PSA	400	100
6"	23636	6"	PSA	36	50
	23640	6"	PSA	40	50
	23680	6"	PSA	80	100
	236100	6"	PSA	100	100
	236120	6"	PSA	120	100
	236150	6"	PSA	150	100
	236180	6"	PSA	180	100
	236220	6"	PSA	220	100
	236240	6"	PSA	240	100
	236320	6"	PSA	320	100
	236400	6"	PSA	400	100

*Linked rolls, subject to change

VELCRO BACKING

Velcro Style: Easy and quick changeability. No adhesive to collect dust from grinding.

	Item#	Size	Backing	Grit	Pk. Qty
3"	45085	3"	Velcro	36	25
	45086	3"	Velcro	40	25
	45087	3"	Velcro	60	25
	45088	3"	Velcro	80	25
	45089	3"	Velcro	100	25
	45090	3"	Velcro	120	25
	45091	3"	Velcro	160	25
	45092	3"	Velcro	180	25
	45093	3"	Velcro	220	25
	45094	3"	Velcro	320	25
5"	23536V	5"	Velcro	36	50
	23540V	5"	Velcro	40	50
	23580	5"	Velcro	80	100
	235100V	5"	Velcro	100	100
	235120V	5"	Velcro	120	100
	235150V	5"	Velcro	150	100
	235180V	5"	Velcro	180	100
	235220V	5"	Velcro	220	100
	235240V	5"	Velcro	240	100
	235320V	5"	Velcro	320	100
	235400V*	5"	Velcro	400	100
6"	23636V	6"	Velcro	36	50
	23640V	6"	Velcro	40	50
	23680V	6"	Velcro	80	100
	236100V	6"	Velcro	100	100
	236120V	6"	Velcro	120	100
	236150V	6"	Velcro	150	100
	236180V	6"	Velcro	180	100
	236220V	6"	Velcro	220	100
	236240V	6"	Velcro	240	100
	236320V	6"	Velcro	320	100
	236400V*	6"	Velcro	400	100

NEW! SUPER BLUE DISCS

Super Blue, Polyester Film Discs

The NEW Shark Blue discs use Aluminum Oxide Grain on a Polyester film backing. Their Extra Open coating and Resin bonding also offers a Special Stearate top coat.

Excellent for use on polyurethanes, carbon fiber, polyesters, and acrylic resins. In Automotive applications, use with putty, primer and clear coat sanding. Also designed for use on polyester, acrylic and poly-acrylic, water and solvent-based paints. **Made in Italy.**

VELCRO BACKING

Velcro Style: Easy and quick changeability. No adhesive to collect dust from grinding.

	Item#	Size	Backing	Grit	Pk. Qty
6"	23699	6"	Velcro	40	50
	23700	6"	Velcro	60	50
	23701	6"	Velcro	80	100
	23702	6"	Velcro	100	100
	23703	6"	Velcro	120	100
	23704	6"	Velcro	150	100
	23705	6"	Velcro	180	100
	23706	6"	Velcro	220	100
	23707	6"	Velcro	240	100
	23708	6"	Velcro	320	100
	23709	6"	Velcro	400	100
	23710	6"	Velcro	500	100
	23711	6"	Velcro	600	100
	23712	6"	Velcro	800	100
	23713	6"	Velcro	1000	100
	23714	6"	Velcro	1200	100
	23715	6"	Velcro	1500	100
	23716	6"	Velcro	2000	100

PSA BACKING

PSA Style: Pressure Sensitive Adhesive for a tight hold.

	Item#	Size	Backing	Grit	Pk. Qty
6"	23681	6"	PSA	40	50
	23682	6"	PSA	60	50
	23683	6"	PSA	80	100
	23684	6"	PSA	100	100
	23685	6"	PSA	120	100
	23686	6"	PSA	150	100
	23687	6"	PSA	180	100
	23688	6"	PSA	220	100
	23689	6"	PSA	240	100
	23690	6"	PSA	320	100
	23691	6"	PSA	400	100
	23692	6"	PSA	500	100
	23693	6"	PSA	600	100
	23694	6"	PSA	800	100
	23695	6"	PSA	1000	100
	23696	6"	PSA	1200	100
	23697	6"	PSA	1500	100
	23698	6"	PSA	2000	100

LONG BOARD SHEETS

ABRASIVE FILE SHEETS

Specifications:
File sheets for long boards are an economical abrasive that delivers "Best in Class" performance on a variety of substrates. This product allows for easy attachment and removal. It can be re-attached and used for sanding and shaping plastic filler.

Plain Backing, PSA Backing or Velcro Backing

PLAIN BACKING

Item#	Size	Grit	Pk. Qty
27036	2 3/4" x 17 1/2"	36	50
27040	2 3/4" x 17 1/2"	40	50
27060	2 3/4" x 17 1/2"	60	50
27080	2 3/4" x 17 1/2"	80	50
27120	2 3/4" x 17 1/2"	120	50
27150	2 3/4" x 17 1/2"	150	50

PSA BACKING

Item#	Size	Grit	Pk. Qty
24036	2 3/4" x 16 1/2"	36	50
24040	2 3/4" x 16 1/2"	40	50
24060	2 3/4" x 16 1/2"	60	50
24080	2 3/4" x 16 1/2"	80	50
24120	2 3/4" x 16 1/2"	120	50
24180	2 3/4" x 16 1/2"	180	50

VELCRO BACKING

Item#	Size	Grit	Pk. Qty
24036V	2 3/4" x 16 1/2"	36	50
24040V	2 3/4" x 16 1/2"	40	50
24060V	2 3/4" x 16 1/2"	60	50
24080V	2 3/4" x 16 1/2"	80	50
24120V	2 3/4" x 16 1/2"	120	50

EXTRA DURABLE ABRASIVE FILE PADS

Specifications:
This multi-purpose sanding sheet comes with a plain backing and is made of a long lasting aluminum oxide.

Best For: Sanding wood or steel.

Tool: Cut-to-fit power sanders or block sanders.

Item#	Size	Grit	Grain	Pk. Qty
13142	3" x 8"	36	Aluminum Oxide	100
13143	3" x 8"	40	Aluminum Oxide	100
13144	3" x 8"	80	Aluminum Oxide	100
13145	3" x 8"	120	Aluminum Oxide	100
13146	3" x 8"	150	Aluminum Oxide	100
13147	3" x 8"	180	Aluminum Oxide	100

PSA BACKED GOLD SANDING ROLLS

Specifications:
Cut to fit Gold Sanding rolls delivers fast, exceptionally long life that increases your productivity. Provides exceptional sanding performance, so you can get the job done fast; saving you time and money!

Best For: Shaping body filler, removing paint, rough feather edging, primer/metal sanding.

Tool: Pneumatic air files, hand sanding blocks, firm or flexible longboard file boards.

12635

Item#	Size	Grit	Grain	Pk. Qty
12635	2 3/4" x 45 Yds	80	Aluminum Oxide	1 Roll
12636	2 3/4" x 45 Yds	120	Aluminum Oxide	1 Roll
12637	2 3/4" x 45 Yds	180	Aluminum Oxide	1 Roll
12638	2 3/4" x 45 Yds	320	Aluminum Oxide	1 Roll

ZIRCONIA MINI BELTS FOR BELT SANDERS
A MUST FOR FORD F-150 WORK
3/8" x 13" and 1/2" x 18"

- **Seam Seal Removal**
- **Self Piercing Rivet Sanding**
- **Surface Prep in Rivet-bonded Repairs**

These belts are designed to be used on any Mini Belt Sander of either 3/8" x 13" or 1/2" x 18" size. The Zirconia belts are perfect for aluminum sanding of self-piercing rivets, as well as seam seal removal and preparing surfaces in the cases of rivet-bonded material repairs on the new Ford F-150 Trucks. The belts will work with any manufacturer's tool using the above mentioned sizes.

- **Durable Poly/Cotton Backing**
- **Long Life Zirconia will outlast Aluminum Oxide**
- **Performs better on Aluminum than Aluminum Oxide**

3/8" x 13" Length Belts

Part#	Grit	Material	Pkg. Qty.
13182	40	Zirconia	10
13183	60	Zirconia	10
13184	80	Zirconia	10
13185	120	Zirconia	10

1/2" x 18" Length Belts

Part#	Grit	Material	Pkg. Qty.
13186	40	Zirconia	10
13187	60	Zirconia	10
13188	80	Zirconia	10
13189	120	Zirconia	10

UNITIZED WHEELS

Designed to offer the best finish combined with high tear resistance and long life, Unitized Wheels are produced by compressing several layers of Abrasive Non Woven material impregnated with resin.

Aluminum Oxide for use on all ferrous metals/ steel and Stainless Steel.

Silicon Carbide for use on non-ferrous metals / alloys, copper, aluminum, and brass.

Benefits

Long Lasting - The incredible resistance working on sharp edges gives maximum productivity

Best Finishing - A consistent and uniform finishing, close to mirror finishing surface can be reached without smearing in one step operation, saving time and additional steps. Improve surfaces without significantly changing the shape or dimenstion of the work piece.

No Loading, Low Temperature - The Non Woven structure gives high resistance to loading and minimizes heat buildup. Flexible and Conforming - Depending on the density, the user can have a soft and flexible material, with high conformability or tough aggressive action. In all densities, Unitized Wheels can be dressed to follow the shape of the worked piece and work in narrow areas.

Low Noise - The soft structure reduces the noise level during the application.

Twist-to-lock Style Holder - Universal Type "R" button works with any brand holder.

Applications

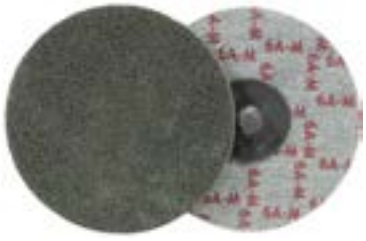
Soft Density

Maximum resistance to loading soft density gives the best finishing with an easy to control cut action.

Best For:

- **Polishing mechanical parts (jet blades, threads, casted parts, welds, surgical instruments)**
- **Cleaning loading materials (rust, discolorations, resin, coating)**
- **Blending marks or scratches**

Medium Density



High edge durability and faster cutting action.

Best For:

- **Removing burrs (on stainless steel parts, gears) or reducing edges**
- **Blending marks or scratches**
- **Cleaning heavy scale or oxidations**

Hard Density

Available in coarse grit to allow high pressure for fast cutting action and longevity on heavy applications.

Best For:

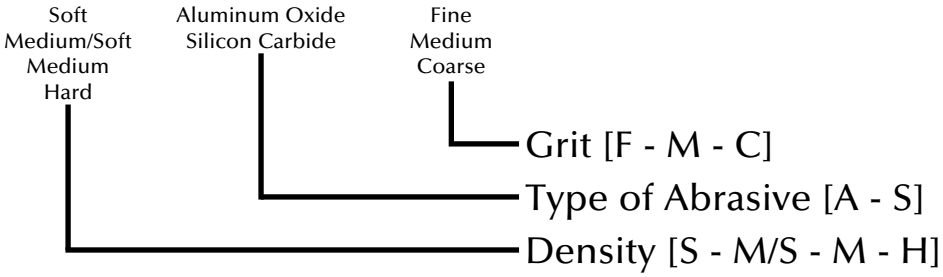
- **Removing heavy burrs or reducing sharp edges**
- **Blending heavy marks or scratches**
- **Faster cleaning on heavy scale or oxidations**

The characteristics of each disc are identified by a 3-digit code.

Density			
S	M/S	M	H
Soft	Medium/Soft	Medium	Hard

Type of Abrasive Grain	
A	S
Aluminum Oxide	Silicon Carbide

Grit		
F	M	C
Fine	Medium	Coarse



2" DIAMETER UNITIZED WHEELS

Item#	Code	Density	Type	Grit	Thickness	Pkg. Qty.
13160	SSF	Soft	Silicon Carbide	Fine	1/4"	3
13161	SAM	Soft	Aluminum Oxide	Medium	1/4"	3
13162	M/SSF	Medium/Soft	Silicon Carbide	Fine	1/4"	3
13163	MSF	Medium	Silicon Carbide	Fine	1/4"	3
13164	MAM	Medium	Aluminum Oxide	Medium	1/4"	3
13165	HAC	Hard	Aluminum Oxide	Coarse	1/4"	3

13165

Type R

3" DIAMETER UNITIZED WHEELS

Item#	Code	Density	Type	Grit	Thickness	Pkg. Qty
13166	SSF	Soft	Silicon Carbide	Fine	1/4"	3
13167	SAM	Soft	Aluminum Oxide	Medium	1/4"	3
13168	M/SSF	Medium/Soft	Silicon Carbide	Fine	1/4"	3
13169	MSF	Medium	Silicon Carbide	Fine	1/4"	3
13170	MAM	Medium	Aluminum Oxide	Medium	1/4"	3
13171	HAC	Hard	Aluminum Oxide	Coarse	1/4"	3

13167

Type R

4 1/2" DIAMETER DEPRESSED CENTER UNITIZED WHEELS

Item#	Code	Density	Type	Grit	Thickness	Pkg. Qty.
13172	SSF	Soft	Silicon Carbide	Fine	1/2"	1
13173	SAM	Soft	Aluminum Oxide	Medium	1/2"	1
13174	M/SSF	Medium/Soft	Silicon Carbide	Fine	1/2"	1
13175	MSF	Medium	Silicon Carbide	Fine	1/2"	1
13176	MAM	Medium	Aluminum Oxide	Medium	1/2"	1
13177	HAC	Hard	Aluminum Oxide	Coarse	1/2"	1

13174

Type 27 7/8" Center Hole

ABRASIVE FLAP DISCS

Flap discs use diagonal layers of sandpaper on resin fiber backing. Flaps are glued onto multi-layer fiberglass, plastic or aluminum backing plates. As the flaps wear down, new grit is continuously being exposed for consistent performance throughout the life of the disc. Flap discs are designed to run cooler, thereby reducing warping of thin metals such as body panels. Unlike ordinary grinding wheels, these discs won't gouge your work.

FLAP DISC SHAPES

TYPE 27 FLAT

- Used primarily on flat surfaces
- The best choice for blending and smooth finishing

TYPE 29 BEVELED

- Conical flap discs are angled and may be used on both contoured and edge work
- The angle provides greater surface contact for stock removal on flat surfaces
- The best choice when speed and stock removal are primary considerations.

FLAP DISC TYPES

ALUMINUM OXIDE FLAP DISCS

Features: The original metalworking abrasive grain, this product is recommended for many jobs where a consistent, low cost product is needed. For steel applications.

TYPE 27 MINI FLAP DISCS

Features: Mini Flap discs provide all the same benefits of regular flap discs and work great in tight areas, for hard to reach spots, making it easier to maneuver.

MINI CUP FLAP DISCS

Features: Mini cup flap discs are suited for contoured surfaces. More flexible and conformable compared to mini grinding discs or Type 27 Mini Flap discs.

ZIRCONIA FLAP DISCS

Features: Zirconia provides a very good cut rate to cost ratio. This is a long life grain and works well on stainless steel applications; providing longer life than Aluminum Oxide. Pages 50-52

HIGH DENSITY JUMBO DISCS

Features: High Density Zirconia flap discs offer an increased number of flaps with larger flap sizes compared to standard discs. Especially suitable for industrial applications.

CERAMIC FLAP DISCS

Features: Tough, durable, long life grain, with very fine crystal structure to create many more cutting edges in each grain. Used for highest rate of stock removal in hard metals or stainless steel. Page 48

ZIRCONIA PLASTIC BACKED FLAP DISCS

Features: These high performance plastic backed Zirconia discs are made for one-step operation on a variety of materials, from grinding welds to detailed finishing. Page 47

APPLICATION/GRIT RECOMMENDATION GUIDE

PLASTIC BACKED ZIRCONIA FLAP DISCS

These **plastic-backed flap discs** are a replacement for sanding discs and enable a one-step operation. From grinding welds to detailed blending and finishing, the improved plastic backing plate evenly wears down with the abrasive flaps while new surfaces are exposed, maintaining a uniform cutting action.

Applications:

Ferrous and non-ferrous materials, stainless steel, high tensile steels, aluminum, structural steel, cast iron, plastic, fiberglass, and brass.

TYPE 27 FLAP DISCS

FLAT

Item#	Size	Arbor	Grit	Grain
47000	4.5"	7/8"	36	Zirconia
47001	4.5"	7/8"	40	Zirconia
47002	4.5"	7/8"	60	Zirconia
47003	4.5"	7/8"	80	Zirconia
47004	4.5"	7/8"	120	Zirconia
47005	4.5"	5/8"-11	36	Zirconia
47006	4.5"	5/8"-11	40	Zirconia
47007	4.5"	5/8"-11	60	Zirconia
47008	4.5"	5/8"-11	80	Zirconia
47009	4.5"	5/8"-11	120	Zirconia

TYPE 29 FLAP DISCS

BEVELED

Item#	Size	Arbor	Grit	Grain
47010	4.5"	7/8"	36	Zirconia
47011	4.5"	7/8"	40	Zirconia
47012	4.5"	7/8"	60	Zirconia
47013	4.5"	7/8"	80	Zirconia
47014	4.5"	7/8"	120	Zirconia
47015	4.5"	5/8"-11	36	Zirconia
47016	4.5"	5/8"-11	40	Zirconia
47017	4.5"	5/8"-11	60	Zirconia
47018	4.5"	5/8"-11	80	Zirconia
47019	4.5"	5/8"-11	120	Zirconia

RUST REMOVAL/BLENDING

CLEANING AND FINISHING

60 Grit

80 Grit

100 Grit

120 Grit

CERAMIC

- Longest life grain
- For use on flat or curved surfaces
- Aggressive shape disc

Premium Ceramic Grain has Extended Life over Zirconia. Our Premium Ceramic discs are designed for use on Stainless Steel or other very hard steels. This tough, durable grain with very fine crystal structure creates many more cutting edges per grain.

TYPE 27

Item#	Size	Arbor	Grit	Style	Grain	Shape	Pk. Qty	MP
46180	4 ½"	7/8"	36	Standard	Ceramic	Type 27	1	5
46181	4 ½"	7/8"	36	Standard	Ceramic	Type 27	10	2
46182	4 ½"	7/8"	40	Standard	Ceramic	Type 27	1	5
46183	4 ½"	7/8"	40	Standard	Ceramic	Type 27	10	2
46184	4 ½"	7/8"	60	Standard	Ceramic	Type 27	1	5
46185	4 ½"	7/8"	60	Standard	Ceramic	Type 27	10	2
46186	4 ½"	7/8"	80	Standard	Ceramic	Type 27	1	5
46187	4 ½"	7/8"	80	Standard	Ceramic	Type 27	10	2
46188	4 ½"	7/8"	120	Standard	Ceramic	Type 27	1	5
46189	4 ½"	7/8"	120	Standard	Ceramic	Type 27	10	2

TYPE 29

Item#	Size	Arbor	Grit	Style	Grain	Shape	Pk. Qty	MP
46190	4 ½"	7/8"	36	Standard	Ceramic	Type 29	1	5
46191	4 ½"	7/8"	36	Standard	Ceramic	Type 29	10	2
46192	4 ½"	7/8"	40	Standard	Ceramic	Type 29	1	5
46193	4 ½"	7/8"	40	Standard	Ceramic	Type 29	10	2
46194	4 ½"	7/8"	60	Standard	Ceramic	Type 29	1	5
46195	4 ½"	7/8"	60	Standard	Ceramic	Type 29	10	2
46196	4 ½"	7/8"	80	Standard	Ceramic	Type 29	1	5
46197	4 ½"	7/8"	80	Standard	Ceramic	Type 29	10	2
46198	4 ½"	7/8"	120	Standard	Ceramic	Type 29	1	5
46199	4 ½"	7/8"	120	Standard	Ceramic	Type 29	10	2

ALUMINUM OXIDE

- For use on flat or curved surfaces. Aggressive shape disc.

FLAT

Aluminum Oxide: Made of the highest grade Aluminum Oxide paper, this is the most price competitive product. It is designed to be used on steels and non-ferrous metals. Not designed for use on Stainless Steel, it will not perform or last as long as a Zirconia grain wheel.

TYPE 27

Item#	Old#	Size	Arbor	Grit	Style	Grain	Shape	Pk. Qty	MP
45819	F436	4"	5/8"	36	Standard	Aluminum Oxide	Type 27	1	10
45820	F436-10	4"	5/8"	36	Standard	Aluminum Oxide	Type 27	10	2
45821		4"	5/8"	40	Standard	Aluminum Oxide	Type 27	1	10
45822		4"	5/8"	40	Standard	Aluminum Oxide	Type 27	10	2
45823	F460	4"	5/8"	60	Standard	Aluminum Oxide	Type 27	1	10
45824	F460-10	4"	5/8"	60	Standard	Aluminum Oxide	Type 27	10	2
45825	F480	4"	5/8"	80	Standard	Aluminum Oxide	Type 27	1	10
45826	F480-10	4"	5/8"	80	Standard	Aluminum Oxide	Type 27	10	2
45827	F4120	4"	5/8"	120	Standard	Aluminum Oxide	Type 27	1	10
45828	F4120-10	4"	5/8"	120	Standard	Aluminum Oxide	Type 27	10	2

(Continued)

ALUMINUM OXIDE

TYPE 27

Item#	Old#	Size	Arbor	Grit	Style	Grain	Shape	Pk. Qty	MP
12900	F4536	4 ½"	7/8"	36	Standard	Aluminum Oxide	Type 27	1	10
45829	F4536-10	4 ½"	7/8"	36	Standard	Aluminum Oxide	Type 27	10	5
45830		4 ½"	7/8"	40	Standard	Aluminum Oxide	Type 27	1	10
45831		4 ½"	7/8"	40	Standard	Aluminum Oxide	Type 27	10	5
12901	F4560	4 ½"	7/8"	60	Standard	Aluminum Oxide	Type 27	1	10
45832	F4560-10	4 ½"	7/8"	60	Standard	Aluminum Oxide	Type 27	10	5
12902	F4580	4 ½"	7/8"	80	Standard	Aluminum Oxide	Type 27	1	10
45833	F4580-10	4 ½"	7/8"	80	Standard	Aluminum Oxide	Type 27	10	5
45834	F45120	4 ½"	7/8"	120	Standard	Aluminum Oxide	Type 27	1	10
45835	F45120-10	4 ½"	7/8"	120	Standard	Aluminum Oxide	Type 27	10	5
12903	F736	7"	7/8"	36	Standard	Aluminum Oxide	Type 27	1	10
45856	F736-10	7"	7/8"	36	Standard	Aluminum Oxide	Type 27	10	5
45857		7"	7/8"	40	Standard	Aluminum Oxide	Type 27	1	10
45858		7"	7/8"	40	Standard	Aluminum Oxide	Type 27	10	5
12904	F760	7"	7/8"	60	Standard	Aluminum Oxide	Type 27	1	10
45859	F760-10	7"	7/8"	60	Standard	Aluminum Oxide	Type 27	10	5
12905	F780	7"	7/8"	80	Standard	Aluminum Oxide	Type 27	1	10
45860	F780-10	7"	7/8"	80	Standard	Aluminum Oxide	Type 27	10	5
45861	F7120	7"	7/8"	120	Standard	Aluminum Oxide	Type 27	1	10
45862	F7120-10	7"	7/8"	120	Standard	Aluminum Oxide	Type 27	10	5

BEVELED

- For use on flat or curved surfaces
- Angle built into the disc - offers the user easier grinding action.

Aluminum Oxide: Made of the highest grade Aluminum Oxide paper, this grain is the most price competitive product. It is designed to be used on steels and non-ferrous metals. Not designed for use on Stainless Steel, it will not perform or last as long as a Zirconia grain wheel.

TYPE 29

Item#	Size	Arbor	Grit	Style	Grain	Shape	Pk. Qty	MP
45863	4"	5/8"	36	Standard	Aluminum Oxide	Type 29	1	10
45864	4"	5/8"	40	Standard	Aluminum Oxide	Type 29	1	10
45865	4"	5/8"	60	Standard	Aluminum Oxide	Type 29	1	10
45866	4"	5/8"	80	Standard	Aluminum Oxide	Type 29	1	10
45867	4"	5/8"	120	Standard	Aluminum Oxide	Type 29	1	10
45736	4 ½"	7/8"	36	Standard	Aluminum Oxide	Type 29	1	10
45868	4 ½"	7/8"	40	Standard	Aluminum Oxide	Type 29	1	10
45738	4 ½"	7/8"	60	Standard	Aluminum Oxide	Type 29	1	10
45740	4 ½"	7/8"	80	Standard	Aluminum Oxide	Type 29	1	10
45742	4 ½"	7/8"	120	Standard	Aluminum Oxide	Type 29	1	10
45737	4 ½"	5/8"-11	36	Standard	Aluminum Oxide	Type 29	1	5
45744	4 ½"	5/8"-11	40	Standard	Aluminum Oxide	Type 29	1	5
45739	4 ½"	5/8"-11	60	Standard	Aluminum Oxide	Type 29	1	5
45741	4 ½"	5/8"-11	80	Standard	Aluminum Oxide	Type 29	1	5
45743	4 ½"	5/8"-11	120	Standard	Aluminum Oxide	Type 29	1	5

PREMIUM PLATINUM ZIRCONIA

- For use on flat or curved surfaces
- Aggressive shape disc

FLAT

Premium Zirconia: Made of our Premium 100% Zirconia, this grain is the highest quality and designed specifically for Stainless Steel or harder metals; lasting extremely long if used on regular steel.

TYPE 27

Item#	Old#	Size	Arbor	Grit	Style	Grain	Shape	Pk. Qty	MP
13137	F436Z	4"	5/8"	36	Standard	100% Zirconia	Type 27	1	50
45870	F436Z-10	4"	5/8"	36	Standard	100% Zirconia	Type 27	10	10
45871		4"	5/8"	40	Standard	100% Zirconia	Type 27	1	50
45872		4"	5/8"	40	Standard	100% Zirconia	Type 27	10	10
13138	F460Z	4"	5/8"	60	Standard	100% Zirconia	Type 27	1	50
45873	F460Z-10	4"	5/8"	60	Standard	100% Zirconia	Type 27	10	10
13139	F480Z	4"	5/8"	80	Standard	100% Zirconia	Type 27	1	50
45874	F480Z-10	4"	5/8"	80	Standard	100% Zirconia	Type 27	10	10
45875	F4120Z	4"	5/8"	120	Standard	100% Zirconia	Type 27	1	50
45876	F4120Z-10	4"	5/8"	120	Standard	100% Zirconia	Type 27	10	10
13134	F4536Z	4 ½"	7/8"	36	Standard	100% Zirconia	Type 27	1	50
45877	F4536Z-10	4 ½"	7/8"	36	Standard	100% Zirconia	Type 27	10	10
45879		4 ½"	7/8"	40	Standard	100% Zirconia	Type 27	1	50
45880		4 ½"	7/8"	40	Standard	100% Zirconia	Type 27	10	10
13135	F4560Z	4 ½"	7/8"	60	Standard	100% Zirconia	Type 27	1	50
45881	F4560Z-10	4 ½"	7/8"	60	Standard	100% Zirconia	Type 27	10	10
13136	F4580Z	4 ½"	7/8"	80	Standard	100% Zirconia	Type 27	1	10
45882	F4580Z-10	4 ½"	7/8"	80	Standard	100% Zirconia	Type 27	10	10
45883	F45120Z	4 ½"	7/8"	120	Standard	100% Zirconia	Type 27	1	50
45884	F45120Z-10	4 ½"	7/8"	120	Standard	100% Zirconia	Type 27	10	10
12906	F4536ZH	4 ½"	5/8"-11	36	Standard	100% Zirconia	Type 27	1	10
45869		4 ½"	5/8"-11	40	Standard	100% Zirconia	Type 27	1	10
12907	F4560ZH	4 ½"	5/8"-11	60	Standard	100% Zirconia	Type 27	1	10
12908	F4580ZH	4 ½"	5/8"-11	80	Standard	100% Zirconia	Type 27	1	10
45878	F45120ZH	4 ½"	5/8"-11	120	Standard	100% Zirconia	Type 27	1	10
13140	F736Z	7"	7/8"	36	Standard	100% Zirconia	Type 27	1	10
45895	F736Z-10	7"	7/8"	36	Standard	100% Zirconia	Type 27	10	5
45896		7"	7/8"	40	Standard	100% Zirconia	Type 27	1	10
45897		7"	7/8"	40	Standard	100% Zirconia	Type 27	10	4
13141	F760Z	7"	7/8"	60	Standard	100% Zirconia	Type 27	1	10
45898	F760Z-10	7"	7/8"	60	Standard	100% Zirconia	Type 27	10	4
13148	F780Z	7"	7/8"	80	Standard	100% Zirconia	Type 27	1	10
45899	F780Z-10	7"	7/8"	80	Standard	100% Zirconia	Type 27	10	4
45900	F7120Z	7"	7/8"	120	Standard	100% Zirconia	Type 27	1	10
45901	F7120Z-10	7"	7/8"	120	Standard	100% Zirconia	Type 27	10	4
12909	F736ZH	7"	5/8"-11	36	Standard	100% Zirconia	Type 27	1	10
12958		7"	5/8"-11	40	Standard	100% Zirconia	Type 27	1	10
12910	F760ZH	7"	5/8"-11	60	Standard	100% Zirconia	Type 27	1	10
12911	F780ZH	7"	5/8"-11	80	Standard	100% Zirconia	Type 27	1	10
45902	F7120ZH	7"	5/8"-11	120	Standard	100% Zirconia	Type 27	1	10

PREMIUM PLATINUM ZIRCONIA

- For use on flat or curved surfaces
- Angle built into the disc - offers the user easier grinding action.

BEVELED

Premium Zirconia: Made of our Premium 100% Zirconia, this grain is the highest quality and designed specifically for Stainless Steel or harder metals; lasting extremely long if used on regular steel.

TYPE 29

Item#	Size	Arbor	Grit	Style	Grain	Shape	Pk. Qty	MP
45903	4"	5/8"	36	Standard	100% Zirconia	Type 29	1	10
45904	4"	5/8"	40	Standard	100% Zirconia	Type 29	1	10
45905	4"	5/8"	60	Standard	100% Zirconia	Type 29	1	10
45906	4"	5/8"	80	Standard	100% Zirconia	Type 29	1	10
45907	4"	5/8"	120	Standard	100% Zirconia	Type 29	1	10
45836	4 ½"	7/8"	36	Standard	100% Zirconia	Type 29	1	10
45908	4 ½"	7/8"	36	Standard	100% Zirconia	Type 29	10	5
45909	4 ½"	7/8"	40	Standard	100% Zirconia	Type 29	1	10
45910	4 ½"	7/8"	40	Standard	100% Zirconia	Type 29	10	5
45838	4 ½"	7/8"	60	Standard	100% Zirconia	Type 29	1	10
45912	4 ½"	7/8"	60	Standard	100% Zirconia	Type 29	10	5
45840	4 ½"	7/8"	80	Standard	100% Zirconia	Type 29	1	10
45913	4 ½"	7/8"	80	Standard	100% Zirconia	Type 29	10	5
45842	4 ½"	7/8"	120	Standard	100% Zirconia	Type 29	1	10
45914	4 ½"	7/8"	120	Standard	100% Zirconia	Type 29	10	5
45837	4 ½"	5/8"-11	36	Standard	100% Zirconia	Type 29	1	10
45915	4 ½"	5/8"-11	40	Standard	100% Zirconia	Type 29	1	10
45839	4 ½"	5/8"-11	60	Standard	100% Zirconia	Type 29	1	10
45841	4 ½"	5/8"-11	80	Standard	100% Zirconia	Type 29	1	10
45843	4 ½"	5/8"-11	120	Standard	100% Zirconia	Type 29	1	10
45926	7"	7/8"	36	Standard	100% Zirconia	Type 29	1	10
45927	7"	7/8"	36	Standard	100% Zirconia	Type 29	10	2
45928	7"	7/8"	40	Standard	100% Zirconia	Type 29	1	10
45929	7"	7/8"	40	Standard	100% Zirconia	Type 29	1	10
45930	7"	7/8"	60	Standard	100% Zirconia	Type 29	1	10
45931	7"	7/8"	80	Standard	100% Zirconia	Type 29	1	10
45932	7"	7/8"	120	Standard	100% Zirconia	Type 29	1	10
45933	7"	7/8"	120	Standard	100% Zirconia	Type 29	10	2

ECONOMY ZIRCONIA

ECONOMY GRADE 60% ZIRCONIA

- For use on flat or curved surfaces
- Aggressive shape disc

FLAT

Economy 60% Zirconia: This grain is very high quality at our most affordable price point. It is designed specifically for Stainless Steel or harder metals; and will last very long when used on regular steel.

TYPE 27

Item#	Size	Arbor	Grit	Style	Grain	Shape	Pk. Qty	MP
46023	4"	5/8"	36	Standard	60% Econ Zirconia	Type 27	1	10
46024	4"	5/8"	36	Standard	60% Econ Zirconia	Type 27	10	5
46025	4"	5/8"	40	Standard	60% Econ Zirconia	Type 27	1	10
46026	4"	5/8"	40	Standard	60% Econ Zirconia	Type 27	10	5
46027	4"	5/8"	60	Standard	60% Econ Zirconia	Type 27	1	10
46028	4"	5/8"	60	Standard	60% Econ Zirconia	Type 27	10	5
46029	4"	5/8"	80	Standard	60% Econ Zirconia	Type 27	1	10
46030	4"	5/8"	80	Standard	60% Econ Zirconia	Type 27	10	5
46031	4 ½"	7/8"	36	Standard	60% Econ Zirconia	Type 27	1	10
46032	4 ½"	7/8"	36	Standard	60% Econ Zirconia	Type 27	10	5
46033	4 ½"	7/8"	40	Standard	60% Econ Zirconia	Type 27	1	10
46034	4 ½"	7/8"	40	Standard	60% Econ Zirconia	Type 27	10	5
46035	4 ½"	7/8"	60	Standard	60% Econ Zirconia	Type 27	1	10
46036	4 ½"	7/8"	60	Standard	60% Econ Zirconia	Type 27	10	5
46037	4 ½"	7/8"	80	Standard	60% Econ Zirconia	Type 27	1	10
46038	4 ½"	7/8"	80	Standard	60% Econ Zirconia	Type 27	10	5
46039	4 ½"	5/8"-11	36	Standard	60% Econ Zirconia	Type 27	1	10
46040	4 ½"	5/8"-11	40	Standard	60% Econ Zirconia	Type 27	1	10
46041	4 ½"	5/8"-11	60	Standard	60% Econ Zirconia	Type 27	1	10
46042	4 ½"	5/8"-11	80	Standard	60% Econ Zirconia	Type 27	1	10
46051	7"	7/8"	36	Standard	60% Econ Zirconia	Type 27	1	10
46052	7"	7/8"	40	Standard	60% Econ Zirconia	Type 27	1	10
46053	7"	7/8"	60	Standard	60% Econ Zirconia	Type 27	1	10
46054	7"	7/8"	80	Standard	60% Econ Zirconia	Type 27	1	10

PREMIUM PLATINUM JUMBO ZIRCONIA

- For use on flat or curved surfaces
- Aggressive shape disc
- 20% more flaps than standard discs

FLAT

Premium 100% Zirconia: Premium High Density Zirconia discs come with more flaps per wheel and give you extremely long life products. Made of our best 100% Premium Zirconia, this grain is the highest quality grain and designed specifically for Stainless Steel or harder metals, and will last extremely long if used on regular steel.

TYPE 27

Item#	Size	Arbor	Grit	Style	Grain	Shape	Pk. Qty	MP
46084	4"	5/8"	36	High-Density	100% Zirconia	Type 27	1	5
46085	4"	5/8"	40	High-Density	100% Zirconia	Type 27	1	5
46086	4"	5/8"	60	High-Density	100% Zirconia	Type 27	1	5
46087	4"	5/8"	80	High-Density	100% Zirconia	Type 27	1	5
46088	4"	5/8"	120	High-Density	100% Zirconia	Type 27	1	5
46089	4 ½"	7/8"	36	High-Density	100% Zirconia	Type 27	1	5
46090	4 ½"	7/8"	40	High-Density	100% Zirconia	Type 27	1	5
46091	4 ½"	7/8"	60	High-Density	100% Zirconia	Type 27	1	5
46092	4 ½"	7/8"	80	High-Density	100% Zirconia	Type 27	1	5
46093	4 ½"	7/8"	120	High-Density	100% Zirconia	Type 27	1	5
46094	4 ½"	5/8"-11NC	36	High-Density	100% Zirconia	Type 27	1	5
46095	4 ½"	5/8"-11NC	40	High-Density	100% Zirconia	Type 27	1	5
46096	4 ½"	5/8"-11NC	60	High-Density	100% Zirconia	Type 27	1	5
46097	4 ½"	5/8"-11NC	80	High-Density	100% Zirconia	Type 27	1	5
46098	4 ½"	5/8"-11NC	120	High-Density	100% Zirconia	Type 27	1	5
46104	7"	7/8"	36	High-Density	100% Zirconia	Type 27	1	5
46105	7"	7/8"	40	High-Density	100% Zirconia	Type 27	1	5
46106	7"	7/8"	60	High-Density	100% Zirconia	Type 27	1	5
46107	7"	7/8"	80	High-Density	100% Zirconia	Type 27	1	5
46108	7"	7/8"	120	High-Density	100% Zirconia	Type 27	1	5

ALUMINUM OXIDE/ZIRCONIA MINI FLAP DISCS

These Mini Flap Discs are perfect for small grinding needs in tight spots. They replace Mini Grinding Discs, giving you improved longevity and a continual new surface! Available in 2" & 3" in either Aluminum Oxide or Zirconia, they come with a Twist-To-Lock backing.

- **Non-Loading/ Never Curls**
- **Heavy Duty Built in Backing Pad**
- **Flat Face for Maximum Aggressiveness**
- **Outlast Mini Grinding Discs by 4-6 Times**
- **Uses 100% of the Grain Surface**

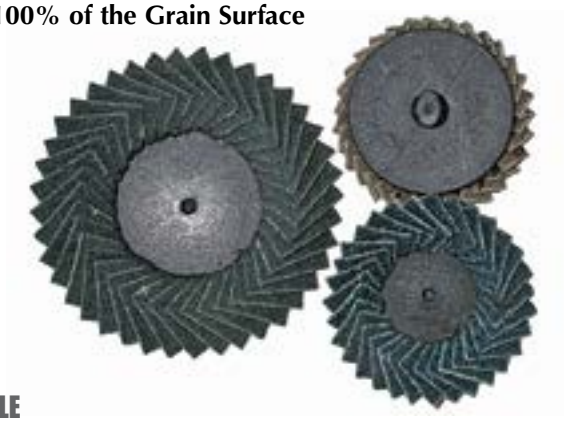
TYPE 27

	Item#	Size	Grit	Grain	Pk. Qty
ALUMINUM OXIDE	73752	2"	40	Aluminum Oxide	5
	73753	2"	60	Aluminum Oxide	5
	73754	2"	80	Aluminum Oxide	5
	73755	2"	120	Aluminum Oxide	5
	73757	3"	40	Aluminum Oxide	5
	73758	3"	60	Aluminum Oxide	5
	73759	3"	80	Aluminum Oxide	5
	73760	3"	120	Aluminum Oxide	5
ZIRCONIA	73762	2"	40	Zirconia	5
	73763	2"	60	Zirconia	5
	73764	2"	80	Zirconia	5
	73765	2"	120	Zirconia	5
	73767	3"	40	Zirconia	5
	73768	3"	60	Zirconia	5
	73769	3"	80	Zirconia	5
	73770	3"	120	Zirconia	5

ZIRCONIA MINI CUP FLAP DISCS

Suited for contoured surfaces. More flexible and conformable compared to mini discs.

- **Non-Loading**
- **Heavy Duty Built in Backing Pad**
- **Works on all High Speed Grinders**
- **Beveled Face for Maximum Contact**
- **Perfect for Rounded and Curved Surfaces**
- **Uses 100% of the Grain Surface**



CUP STYLE

Item#	Size	Grit	Grain	Pk. Qty
82751	2"	40	Zirconia	2
82752	2"	60	Zirconia	2
82753	2"	80	Zirconia	2
82754	2"	120	Zirconia	2
83751	3"	40	Zirconia	2
83752	3"	60	Zirconia	2
83753	3"	80	Zirconia	2
83754	3"	120	Zirconia	2

MINI FLAP DISC KITS

These 6 piece Mini Flap Disc kits are a great mixture of grits for any type of job. The discs are designed for use on right angle die grinders, providing smooth grinding and enhanced conformability in tight areas where typical discs do not hold up.

Item#	Description
13056	**2" Mini Flap Disc Kit includes:** 2 - 40 Grit, 2 - 60 Grit & 2 - 80 Grit discs
73750	**2" Mini Flap Disc Kit includes:** 2 - 40 Grit discs, 1 - 60 Grit disc, 1 - 80 Grit disc, 1 - 120 Grit disc and 1 - 2" holder.
73780	**3" Mini Flap Disc Kit includes:** 2 - 40 Grit discs, 1 - 60 Grit disc, 1 - 80 Grit disc, 1 - 120 Grit disc and 1 - 3" holder.

NEW!

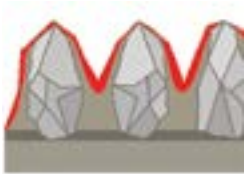
13056

ALUMINUM OXIDE FLAP WHEELS

These mini grinding flap wheels replace many wire brushes, cartridge rolls, and mounted points in metal removal applications. Made of Aluminum Oxide abrasive grain for excellent performance, they are resin bonded to a cloth back. Excellent for polishing, contouring, dry sanding and grinding applications. Also used in rust removal, descaling and deburring. All have a 1/4" shank.

Cloth Backing:

Cloth backings are strong and durable. The wheel is designed for long life; and coarse grits offer heavy stock removal.



Resin Bonded:

Strongest and most resistant bond available. Stands up to high speed and pressure sanding or grinding applications.

Item#	Old #	Dia.	Height	Grit	RPM	Pk. Qty
13099	F1140	1"	1/2"	40	30,000	5
13100	F1160	1"	1/2"	60	30,000	5
13101	F1180	1"	1/2"	80	30,000	5
13102	F1100	1"	1/2"	10	30,000	5
13103	F1200	1"	1/2"	120	30,000	5
13104	F1340	1"	1"	40	30,000	5
12912		1"	1"	60	30,000	1
13105	F1360	1"	1"	60	30,000	5
12913		1"	1"	80	30,000	1
13106	F1380	1"	1"	80	30,000	5
13107	F13100	1"	1"	100	30,000	5
12914		1"	1"	120	30,000	1
13108	F13120	1"	1"	120	30,000	5

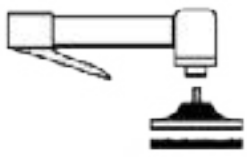
Item#	Old#	Dia.	Height	Grit	RPM	Pk. Qty
13109	F1340	1 1/2"	1/2"	40	30,000	5
12915		1 1/2"	1/2"	60	30,000	1
13110	F1460	1 1/2"	1/2"	60	30,000	5
12916		1 1/2"	1/2"	80	30,000	1
13111	F1480	1 1/2"	1/2"	80	30,000	5
13112	F14100	1 1/2"	1/2"	100	30,000	5
12917		1 1/2"	1/2"	120	30,000	1
13113	F14120	1 1/2"	1/2"	120	30,000	5
13114	F1540	1 1/2"	1"	40	30,000	5
13115	F1560	1 1/2"	1"	60	30,000	5
13116	F1580	1 1/2"	1"	80	30,000	5
13117	F15100	1 1/2"	1"	100	30,000	5
13118	F15120	1 1/2"	1"	120	30,000	5
13119	F240	2"	1"	40	25,000	5
12918		2"	1"	60	25,000	1
13120	F260	2"	1"	60	25,000	5
12919		2"	1"	80	25,000	1
13121	F280	2"	1"	80	25,000	5
13122	F2100	2"	1"	100	25,000	5
12920		2"	1"	120	25,000	1
13123	F2120	2"	1"	120	25,000	5
13124	F2140	2 1/2"	1"	40	25,000	5
13125	F2160	2 1/2"	1"	60	25,000	5
13126	F2180	2 1/2"	1"	80	25,000	5
13127	F21100	2 1/2"	1"	100	25,000	5
13128	F21200	2 1/2"	1"	120	25,000	5
13129	F3140	3"	1"	40	20,000	5
12921		3"	1"	60	20,000	1
13130	F3160	3"	1"	60	20,000	5
12922		3"	1"	80	20,000	1
13131	F3180	3"	1"	80	20,000	5
13132	F31100	3"	1"	100	20,000	5
12923		3"	1"	120	20,000	1
13133	F31120	3"	1"	120	20,000	5

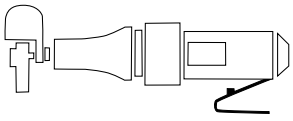
ALUMINUM OXIDE FLAP WHEELS

FLAP WHEEL ASSORTMENT PACK

A handy assortment of sizes and grits in an attractive clam shell package! Made from Aluminum Oxide cloth backed sandpaper, this wheel assortment will be a great starter kit for the person who requires a variety of sizes and grits. All have a 1/4" shank.

Tool: Electric Angle Grinder, Pneumatic Die Grinders or Drills





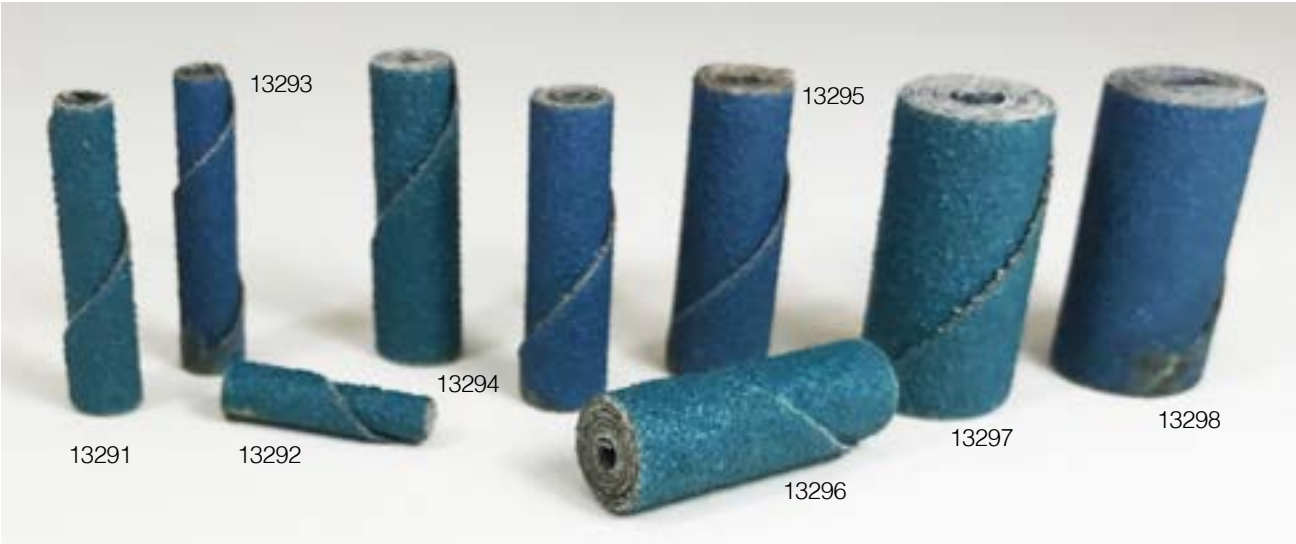
Item#	Description			
7000	**Item#**	**Size**	**Grit**	**Qty.**
	13103 (1)	1" x 1/2"	120	1
	13104 (1)	1" x 1"	40	1
	12913	1" x 1"	80	1
	13115 (1)	1 1/2" x 1"	60	1
	13116 (1)	1 1/2" x 1"	80	1
	12918	2" x 1"	60	2
	12919	2" x 1"	80	1

ZIRCONIA CARTRIDGE ROLLS

The Zirconia cartridge rolls are best for deburring and blending in small, hard to reach places. The handy rolls are constructed of Zirconia with a cloth back and sealed with a heat-resistant resin bond.

These long-life rolls can be used on ferrous metals, high-tensile materials, aircraft grade aluminum, and stainless steel, as well as heat treated steels. Harder and stronger than aluminum oxide, their performance will impress you.

Made in the U.S.A.



Item#	Description	Grit	Qty.
13290	1/4" x 1-1/2" x 1/8"	60	50
13291	1/4" x 1-1/2" x 1/8"	80	50
13292	3/16" x 1" x 3/32"	60	50
13293	3/8" x 1-1/2" x 1/8"	60	50
13294	3/8" x 1-1/2" x 1/8"	80	50
13295	1/2" x 1-1/2" x 1/8"	60	50
13296	1/2" x 1-1/2" x 1/8"	80	50
13297	3/4" x 1-1/2" x 1/4"	60	50
13298	3/4" x 1-1/2" x 1/4"	80	50
13299	3/8" x 1-1/2" x 1/4"	36	50
13300	3/4" x 1-1/2" x 1/4"	36	50
13301	3/4" x 2" x 1/4"	36	50
13302	1" x 1" x 3/16"	36	50
13303	3/4" x 2" x 1/4"	60	50

PILOT LENGTH FOR MANDRELS

Rolls 1" Long - 3/4" pilot length.
Rolls 1/2" Long - 1" pilot length.
Rolls 2" Long - 1 1/2" pilot length.

Item#	Size	Description
13312	3/32" x 3/4" x 1/4"	OAL 2-3/4
13313	1/8" x 1" x 1/4"	OAL 2-3/4
13314	1/4" x 1" x 1/4"	OAL 3"
13315	1/4" x 1" x 1/4"	OAL 6"
13316	1/8" x 1" x 1/4"	OAL 8"

MOUNTED POINTS

Shark Mounted Points are high quality, vitrified mounted points. Typical applications include blending contours, deburring molded parts and mold finishing, ID grinding, off hand bench grinding, and tool and die applications. All mounted points are sold separately or in various assortments.

STANDARD SHAPES

Series A: Shapes are mounted on 1/4" diameter by 1 1/2" long shanks. Available in all shapes.

Series W: Cylindrical point shapes.

SELECTION OF HARDNESS GRADE

Below is a Hardness chart to help gage what level will work best for your project.

I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
	very soft			soft		medium			hard			very hard					

Virtified Bond Types

Salmon: *They are typically used in medium* ***(R)*** *hardness for stock removal of steel.*

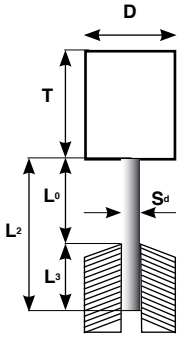
Pink: *Used in almost every industry but primarily in tool and die shops, and foundries. General applications: Deburring, tool sharpening, finishing cavities, and removing mold marks and parting lines. The semi-friable pink PA abrasive is used to produce sharp, consistent cutting action. Typically is a medium* ***(O thru Q)*** *hardness stock.*

White: *They are typically used in soft to medium* ***(L thru R)*** *wheels for stock removal of harder steel. They are also frequently used in very soft wheels for jig grinding or internal grinding*

Salmon Coarse: *Typically used in hard* ***(U)*** *hardness applications. For use in very aggressive and durable material application.*

Grey: *Hardness grade* ***(R)*** *mounted points are noted for their durability and used primarily for grinding welds.*

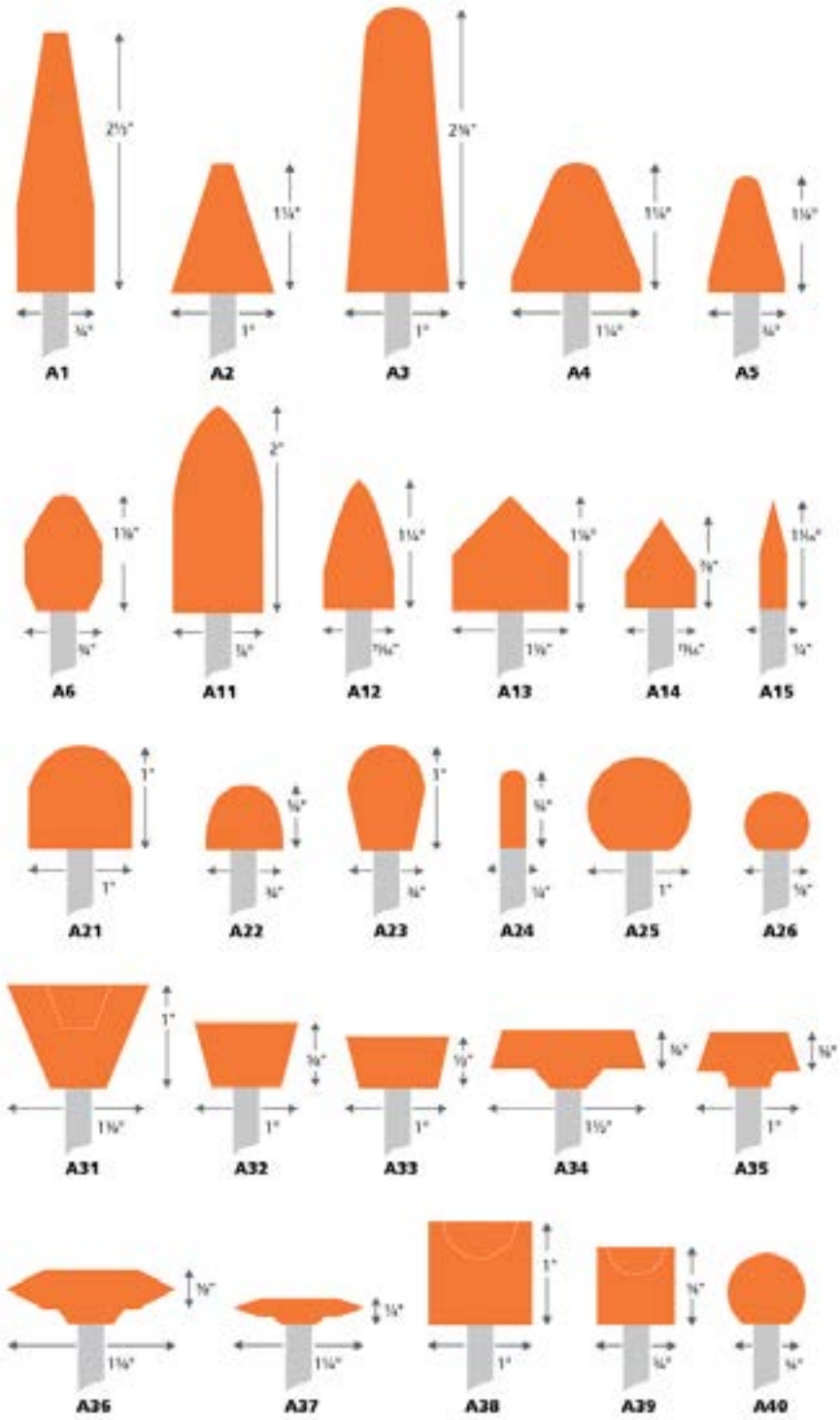
Size Diagram & Terms



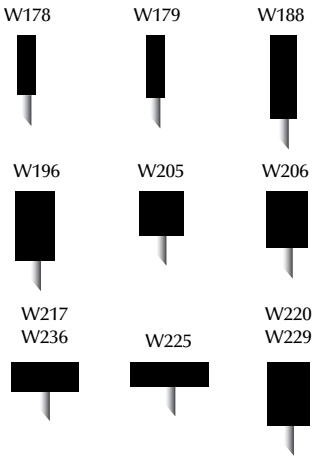
D = *Point Diameter*
T = *Point Length*
S_d = *Shank Diameter*
L_0 = *Overhang*
L_2 = *Shank Length*
L_3 = *Shank Clamping Depth*

MOUNTED POINTS

Series A: Shapes are mounted on 1/4" diameter by 1 1/2" long shanks. Available in most shapes.



Series W: (Cylindrical point)



MOUNTED POINTS

Below is a chart showing the wide range of mounted points that we offer. The 5 different types of Aluminum Oxide will fit with all your project needs. All mounted points are sold separately or in various assortments.

Shark Important Notice: Use caution at all times. Comply with ANSI B7-1 and OSHA Regulations. Shark cannot be held liable for personal injury incurred when not complying with OSHA Regulations.

Style#	Dia.	Height	RPM	Salmon	Salmon Coarse		Pink	White	Grey	
				Shark Part #	**Shark Part #**		**Shark Part #**	**Shark Part #**	**Shark Part #**	
A1	3/4"	2 1/2"	19,800	A1S			A1P	A1W		
A2	1"	1 1/4"	38,000	A2S			A2P	A2W	12800	
A3	1"	2 3/4"	16,100	A3S			A3P	A3W		
A4	1 1/4"	1 1/4"	30,560	A4S			A4P	A4W	12793	
A5	3/4"	1 1/8"	45,000	A5S	A5SC		A5P	A5W	12794	
A11	7/8"	2"	19,860	A11S			A11P	A11W	12795	
A12	11/16"	1 1/4"	48,000	A12S	A12SC		A12P	A12W	12796	
A13	1 1/8"	1 1/8"	33,950	A13S			A13P	A13W		
A14	11/16"	7/8"	55,560	A14S			A14P	A14W		
A15L	1/4"	1 1/16"	26,250	A15LS			A15LP	A15LW		
A15	1/4"	1 1/16"	72,750	A15S			A15P	A15W	12797	
A21	1"	1"	34,500	A21S			A21P	A21W		
A23	3/4"	1"	39,370	A23S			A23P	A23W	12798	
A24	1/4"	3/4"	76,500	A24S			A24P	A24W	12799	
A25	1"	1"	35,610	A25S	A25SC		A25P	A25W	12801	
A26	5/8"	5/8"	61,120	A26S			A26P	A26W		
A31	1 3/8"	1"	27,780	A31S			A31P	A31W		
A32	1"	5/8"	38,200	A32S	A32SC		A32P	A32W		
A34	1 1/2"	3/8"	25,470	A34S			A34P	A34W		
A36	1 5/8"	3/8"	23,520	A36S			A36P	A36W		
A37	1 1/4"	1/4"	30,560	A37S			A37P	A37W		
A38	1"	1"	34,500	A38S	A38SC		A38P	A38W	12802	
A39	3/4"	3/4"	47,250	A39S			A39P	A39W		
W178	3/8"	1"	55,200	W178S			W178P	W178W		
W179	3/8"	1 1/4"	45,750	W179S	W179SC		W179P	W179W		
W187	1/2"	1"	40,500	W187S			W187P	W187W		
W188	1/2"	1 1/2"	30,370	W188S			W188P	W188W		
W196	5/8"	1"	35,250	W196S	W196SC		W196P	W196W		
W205	3/4"	1"	34,500	W205S	W205SC		W205P	W205W		
W206	3/4"	1 1/4"	28,720	W206S			W206P	W206W		
W216	1"	1/4"	38,200	W216S			W216P	W216W		
W217	1"	3/8"	38,200	W217S	W217SC		W217P	W217W		
W218	1"	1/2"	38,200	W218S			W218P	W218W	12803	
W220	1"	1"	25,500	W220S			W220P	W220W	12804	
W225	1 1/4"	1/4"	30,560	W225S	W225SC		W225P	W225W		
W229	1 1/4"	1"	24,000	W229S			W229P	W229W		
W235	1/2"	1/4"	25,470	W235S	W235SC		W235P	W235W		
W236	1 1/2"	1/2"	25,470	W236S			W236P	W236W		

MOUNTED POINT KITS

MOUNTED POINT DISPLAY BOX

PART # 114

Specifications:

This 48 Piece Assortment of Mounted Points comes in a convenient display pack. These professional points are the finest quality and shouldn't be confused with inexpensive mounted points usually offered in displays such as this.

Set Includes:

A1S, A3S, A4S, A11S, A12S, A13S, A21S, A23S, A25S, A31S, A36S, A37S, A38S, W178S, W188S, W206S, W225S, W236S

48 Piece Assortment Set

10 PIECE COARSE STONE SET

PART # AW10

Specifications:

This 10 Piece Assortment of Mounted Points comes in a convenient display box. These professional points are for faster stock removal.

Coarseness: 24 - 36 Grit

Set Includes:

A5SC, A12SC, A32SC, A38SC, W179SC, W196SC, W205SC, W127SC, W225SC, W235SC

MOUNTED POINT STONE SETS

PART# AW7

General Purpose Salmon Stone for Professional General Use

Kit Includes:

A1S, A12S, A37S, A38S, W178S, W188S, W225S

PART# AW5S

General Purpose Salmon Stone for Professional General Use

Kit Includes:

A1S, A12S, A38S, W178S, W188S

PART# AW5

Extra Hard Pink Stone for Machine Shop Engine Rebuilding Use

Kit Includes:

A1P, A12P, A38P, W178P, W188P

ALUMINUM OXIDE MINI-MOUNTED GRINDING WHEELS

Specifications:

Made from vitrified Aluminum Oxide. All wheels use a 1/4" diameter mandrel and work with any electric drill. (Mandrel included.)

Best For:

Use on carbon steel, wrought iron or bronze.

Item#	Size	Grit	RPM	Qty.
12787	1" x 1"	60	3,450	1
12788	1 1/2" x 1"	60	3,450	1
12789	2" x 1/4"	60	3,450	1
12790	2" x 1/2"	60	3,450	1
12791	2 1/2" x 1/4"	60	3,450	1
12792	2 1/2" x 1/2"	60	3,450	1
12936	Mounted Wheel Mandrel With 1/4" Arbor			

12792 12791 12790

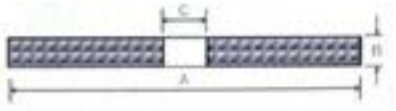
12787 12788

12936

BENCH SEAT GRINDING WHEEL ACCESSORIES

GRINDING WHEEL SHAPES

TYPE 1 An all around edge grinding wheel design. Not used for cutting.



HOW TO PICK THE RIGHT GRAIN TYPE

ALUMINUM OXIDE

This bond offers longer life and excellent stock removal. Recommended on structural steel, metal and welds.

SILICON CARBIDE

Silicon carbide grain for resharpening and dressing tools.

BENCH SEAT GRINDING WHEEL-ACCESSORIES

GRINDING WHEEL DRESSER

Made of heavy cast iron, this dresser is for use with wheels up to 10" diameter and widths up to 2".

Item#	Size	Pk. Qty.
12932	10 1/2" Long	1

DRESSING STONE

Grinding wheel dressing stone is used when redressing Type 1 bench grinding wheels.

Item#	Diameter	Grit	Pk. Qty.
12934	6"x1"x1"	24	1

REPLACEMENT CUTTERS

Made from high carbon steel with long lasting teeth. Hardened for long life service and proper dressing action. Also includes two spacers.

Item#	Diameter	Hole	Face	Pk. Qty.
12933	1 1/4"	1/4"	.426"	1

BENCH GRINDER ADAPTORS

These adaptors are designed to nest or telescope to fit the various needs of your arbor. Made from heavy duty plastic, they are designed to adapt wheels with 1" or 1-1/4" arbors to fit 1/2", 5/8", 3/4" or 1" shafts. Three thickness options available!

Item#	Description	Pk. Qty.
12783	1/2" Thick, 3/4", 5/8", 1/2" O.D.	1 unit of 3
12784	3/4" Thick, 3/4", 5/8", 1/2" O.D.	1 unit of 3
12785	1" Thick , 3/4", 5/8", 1/2" O.D.	1 unit of 3
12786	1" Thick, 1-1/4",1",3/4",5/8",1/2" O.D.	1 unit of 4

BENCH SEAT GRINDING WHEELS

TYPE 1 - VITRIFIED BENCH GRINDING WHEELS

Made from Aluminum Oxide or *Silicon Carbide, vitrified bonded grinding wheels with a 1" arbor hole are used on stationary bench grinders. All Wheels include adaptors to fit 1/2", 5/8" & 3/4" arbors eliminating costly inventory duplication. Use for general purpose sharpening and grinding of mild steel.

Item#	Old#/Description	Diameter	Width	Grit	Arbor	Insert	RPM
2012G*	Silicon Carbide	6"	1/2"	120	1"	1/2-5/8-3/4"	3850
2016G*	Silicon Carbide	6"	3/4"	120	1"	1/2-5/8-3/4"	3850
2004		4"	1/2"	46	1/2"	No Insert	6500
2009		5"	1/2"	36	1/2"	No Insert	4900
2010		5"	1/2"	46	1/2"	No Insert	4900
2011		5"	1/2"	60	1/2"	No Insert	4900
2006		5"	3/4"	46	1/2"	No Insert	4900
2007		5"	1"	24	1/2"	No Insert	4900
2008		5"	1"	36	1/2"	No Insert	4900
2012**		6"	1/2"	36	1"	1/2-5/8-3/4"	3850
2013**		6"	1/2"	46	1"	1/2-5/8-3/4"	3850
2014**		6"	1/2"	60	1"	1/2-5/8-3/4"	3850
2015**		6"	1/2"	80	1"	1/2-5/8-3/4"	3850
12771**	2016	6"	3/4"	36	1"	1/2-5/8-3/4"	3850
2017**		6"	3/4"	46	1"	1/2-5/8-3/4"	3850
12772**	2018	6"	3/4"	60	1"	1/2-5/8-3/4"	3850
12773**	2019	6"	3/4"	80	1"	1/2-5/8-3/4"	3850
2019-10		6"	3/4"	100	1"	1/2-5/8-3/4"	3850
12774**	2020	6"	1"	36	1"	1/2-5/8-3/4"	3850
2021**		6"	1"	46	1"	1/2-5/8-3/4"	3850
12775**	2022	6"	1"	60	1"	1/2-5/8-3/4"	3850
12776**		6"	1"	80	1"	1/2-5/8-3/4"	3850
2022-10**		6"	1"	100	1"	1/2-5/8-3/4"	3850
2023		7"	3/4"	36	1"	1/2-5/8-3/4"	3600
2024		7"	3/4"	46	1"	1/2-5/8-3/4"	3600
2025		7"	1"	24	1"	1/2-5/8-3/4"	3600
12777	2026	7"	1"	36	1"	1/2-5/8-3/4"	3600
2027		7"	1"	46	1"	1/2-5/8-3/4"	3600
12778	2028	7"	1"	60	1"	1/2-5/8-3/4"	3600
12779	2028-80	7"	1"	80	1"	1/2-5/8-3/4"	3600
2029		8"	3/4"	36	1"	1/2-5/8-3/4"	3450
2030		8"	3/4"	46	1"	1/2-5/8-3/4"	3450
2031		8"	3/4"	60	1"	1/2-5/8-3/4"	3450
2032-24		8"	1"	24	1"	1/2-5/8-3/4"	3450
12780	2032	8"	1"	36	1"	1/2-5/8-3/4"	3450
2033		8"	1"	46	1"	1/2-5/8-3/4"	3450
12781	2034	8"	1"	60	1"	1/2-5/8-3/4"	3450
2035-24		10"	1"	24	1 1/4"	1-1 1/4"	2483
2035		10"	1"	36	1 1/4"	1-1 1/4"	2483
2035-46		10"	1"	46	1 1/4"	1-1 1/4"	2483
2036		10"	1 1/4"	36	1 1/4"	1-1 1/4"	2483
2037		10"	1 1/2"	36	1 1/4"	1-1 1/4"	2483
2038		12"	2"	24	1 1/4"	1-1 1/4"	2069
2039		12"	2"	36	1 1/4"	1-1 1/4"	2069

***Comes in a clam shell package*

WELDERS

SW-MIG/STICK 140 KIT

The new upgraded Shark SW-140 Mig/Stick Welder (115 volt) is the medium duty to professional grade welder that can now do stick as well as MIG welding. This upgraded welder offers a 10 foot removable MIG torch with Tweco style replacement parts. It features a 10 foot detachable ground cable. It will weld up to 1/4" thick metal and is great for automotive users. (See accessories below).

Features & Benefits:
- Dual groove drive roller
- Thermostatic heat protection
- Infinite wire speed control
- Inverter

Item#	Welder with Kit Includes
17024	10 ft. Tweco® style mig torch, 10 ft. grounding cable and 200 Amp earth clamp, .035 & .023 contact tips, 1/2 lb. .030 flux core wire, dual gauge regulator, gas hose and 2 hose clamps. Shipping weight: 40 lbs.

17024

Max. Output	Duty Cycle	Current range	Wire diameter range	Input voltage/ settings.	Max welding thickness	Shipping wt.
140 Amps	30% at 90 Amps	30-130 Amps	.023-.035	115/5	1/4"	40 lbs.

MIG/STICK 200

The new upgraded Shark 230 Volt Mig/Stick/Tig Welder is our top-of-the-line professional grade welder. It's now a 3-in-1 welder accomodating both Stick and Tig welding as well as Mig. This heavy duty welder achieves 160 amps at 30% duty cycle. It will weld up to 1/4" thick metal. It includes a 10 foot detachable Tweco Style Mig Gun compatible with Tweco replacement parts and 10 foot removable ground clamp. The unit includes a dual groove drive roller for ease of welding. (See accessories below)

Features & Benefits:
- Dual groove drive roller
- Thermostatic heat protection
- Infinite wire speed control
- Inverter
- Tig Torch not included

Item#	Includes
17025	10 ft. Tweco® style mig torch, 10 ft. grounding cable and 200 Amp earth clamp, .035 & .023 contact tips, 1/2 lb. .030 flux core wire, dual gauge regulator, gas hose and 2 hose clamps. Shipping weight: 44 lbs.

17025

Max. Output	Duty Cycle	Current Range	Wire diameter range	Input voltage/ Settings	Max welding thickness	Shipping wt.
180 Amps	30% at 160 Amps	30-200 Amps	.023-.035	230/5	1/4"	44 lbs.

WELDING SPOOL GUN

3 CONNECTOR SPOOL GUN

This spool gun has three specialized connectors for use with multiple Shark welders. The 3 connector spool gun can work with the MIG/STICK 140W, the MIG /STICK/TIG 200W, the SK 140i, as well as the new SK 180i.

Designed for use with wire that is difficult to feed through the standard MIG gun (such as aluminum). The 4" spool is mounted inside the gun instead of in the machine; which greatly reduces the spool-to-tip distance and eliminates most wire feeding issues.

17016

Ideal for light fabrication.

Item#	Cord Length	Wt.
17016	10 Ft.	5 lbs.

Max. Output	Cooling Method	Duty Cycle	Suggested Wire	Spool Diameter	Wire Speed	Cord Length	MIG Gun connection	Contact Tips & Nozzle
200 Amps using CO2 Gas 160Amps using Argon/Argon Mix Gas	Air-Cooled	35%	.023-.035 MIG (solid) wire .030-.035 Flux core wire .030-.035 Aluminum wire	4" spool	0 to 630 IPM	10 ft.	TWECO® Style	TWECO® Style Series 11

NEW! PLASMA CUTTER

The plasma cutter is an IGBT inverter with thermal overload protection, a Trafiment torch, and a built-in gas regulator. This easy to use plasma cutter has the power to cut up to 6mm. materials and a pilot arc that makes cutting expanded metal possible.
PN 17027

17027

Output Range	Duty Cycle	Dual Voltage	Air Pressure
40 Amps	35% @ 40 Amps	120V/230v	4.5 CFM @ 60 PSI

PLASTIC WELDER

Now ETL approved!

PRO-TACK MINI PLASTIC WELDER

The Mini Pro-Tack Welder is eco-friendly like the Pro-Tack Welder and is great for repairing almost anything plastic. Two new functions give you the ability to heat/cut, repair holes, and solder lead-tin items. The 110 volt tool gives you a 45 amp output when welding and a 5-10 amp output when stapling. Uses all 7 styles of staples.

Features & Benefits:

- Easy to use
- Low voltage output
- Safe and Reliable (with overheating protection)
- Quick heating and cooling
- Convenient

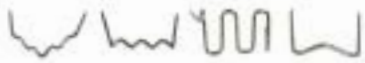
Item#	Welder with Kit Includes
17046	Storage case with welding/stapling tool, and 1 ironing blade. Includes 4 staple shapes (17031, 17033, 17034, 17036) with 10 of each. Staples are made of chromium alloy.
17043	Replacement ironing blade

Max. Output	Voltage	Weight
45 Amps	110 Volt	3 lbs.

17046

17043 (Included)

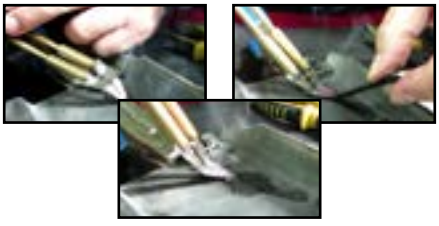
*



17034 17036 17031 17033

*Note: Staples are made of a chromium alloy

• Welds Plastic without Staples
Welding cracks and filling holes. (Shark does not supply plastic rods.)



• Repairing Holes
Good for repairing different holes with stainless netting

• Tacking with Staples
Various staple configurations allow you to sew and seam all types of cracks.

STAINLESS STEEL MESH

Item#	Description	Pkg. Qty.
17044	12" x 12" Stainless Steel Mesh	1

• Heat Cutting
Easily cuts plastic tape, nylon strips, or rope.

• Lead-Tin Soldering
For quicker, higher efficiency than normal soldering guns or irons.

PLASTIC WELDER

Now ETL approved!

PRO-TACK PLASTIC WELDER

The new Pro-Tack Welder is an eco-friendly welder, drawing only 5 amps with a maximum output of 65 amps, and is great for repairing virtually anything made of plastic. It can fix everything from car bumpers to wheelbarrows. It is as good for Industrial use as it is for automotive and soldering applications. Unlike most other plastic welders, it is rated to a maximum of 65 amps, giving it the capability of ironing plastic, and has 4 power settings. Our unique core-cut staples easily break off without cutting, affording an advantage over other staples. It comes with 2 additional patented ironing tools that go over the 2 probes for smoothing the plastic after welding.

When you compare this welder to the time-consuming plastic welders requiring plastic rods, this is a much quicker fix that adds the stability of metal staples; making the end result much stronger!

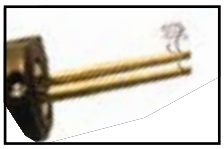
Features & Benefits:

- 4 heat settings
- LED read out
- Repairs bumpers and plastic auto parts* (car & motorcycle)
- Capable of ironing plastic to a smooth finish
- Rapid heating and cooling
- Soldering capabilites
- LED light for illuminating dark work areas

Item#	Description
17045	Welder, 4 staple shapes (17031 (20), 17033 (20), 17034 (20), 17036 (40)), 2 ironing blades, plastic box for staples, and a plastic storage case. Shipping weight: 10 lbs.
17039	Pro-Tack Plastic Welder (Separate Non-Kit)
17040	Plastic Tack Welder Flat Iron Blade
17041	Plastic Tack Welder Angle Iron Blade

- **Stapling**
A large variety of core cut staples for tacking or seaming.

- **Ironing Surface**
Heating / melting / ironing the surface, to strengthen the durability and life.
2 Types-Flat and 45°



Max. Output	Current range	Input voltage/settings.	Dimension:	Shipping wt.
65 Amps	10-65 Amps	115/5	8 3/4" x 5 1/4" x 4 3/4"	10 lbs.

*Not to be used on fiberglass
**Welder's appearance may vary

Staple Options
Staples sold separately.
100 Per Pack.

17031 *
Flat square

17032-Outside corner small wave

17033-Outside corner no wave *

17034-Inside corner small wave *

17035-Inside corner no wave

17036 *
Flat small wave

17037
Flat S type

17038
Pack of 400 Staples
100 Each Staples Below

17031 17033 17035 17036

*Included with welder 17045

WELDING CARTS

ECONOMICAL GAS CYLINDER HAND TRUCK

For standard and medium cylinders. Easy to use, lightweight truck fits most needs and will carry up to 122 cubic foot tanks. Made in USA.
Cart bed is 8" x 16 3/4" - Large Tool Tray

Item#	Description	Wt.
14475	Axle	
14476	10" Wheel	
14480	21" Wide x 44" High x 14" Deep	30 lbs.

14480

HEAVY DUTY HAND TRUCK FOR LARGE CYLINDERS

Our heavy duty 18" rugged steel wheel truck moves easily over all surfaces. For use with Oxygen/Acetylene tanks. This is our work horse of carts, self-leveling tool shelf on back. Made in U.S.A.
Cart bed is 12" x 24" - Large Tool Tray

Item#	Description	Wt.
14478	Axle	
14479	18" Wheel	
14482	34" Wide x 47" High x 22" Deep	60 lbs.

14482

WELDING CARTS

MIG WELDING CART

MIG welding cart for easy storage and use of mig welders. Durable steel construction will give you years of use. Chain included with the cart for easy securing of gas bottles. Assembly required.

Features & Benefits:
- Solid steel construction
- Securing chains for gas bottles
- Two storage shelves

Item#	Description	Wt.
14483	11" Wide x 28" High x 28" Deep	30 lbs.

14483

TANDEM CYLINDER TRUCK

16" Wide tandem cylinder truck is compact and useful in small aisles and crowded spaces. Designed for use with 2 cylinders, no greater than 8" diameter tanks. Made in USA. Cart Bed is 9" Wide x 17.5" Deep.

Features & Benefits:
- Narrow for use of maneuverability
- Fits (1) 80 to 150 cubic foot oxygen tank
- Fits (1) small or medium acetylene cylinder
- Cylinders load separately from front or rear
- Cylinders are secured with steel placement band for positive and safe containment

Item#	Description	Wt.
14477	10" Wheel	
14481	16" Wide x 42" High x 25" Deep	34 lbs.

14481

AUTO-DARKENING HELMETS

OFFERED IN FIXED SHADE 10 OR 3 AUTO-DARKENING OPTIONS

The Shark Anniversary 9/11 Helmet	The Shark Red Racing Motif Helmet	The Shark Black Flame Motif Helmet
The Shark 9/11 Patriotic helmet gives you a chance to exhibit your patriotism. The helmet features the World Trade Towers, American Eagle and American Flag. Graphics are painted and not a decal.	The Shark Red Racing Helmet will put you ahead of the crowd! This exciting helmet is candy-apple red and features a checkered flag breaking through the sides. Graphics are painted and not a decal.	The Shark Black Flame Helmet featuring 3 dimensional chrome flames will make the old flames look out-dated! Grab this new approach on a favorite theme and claim it as yours. Graphics are painted and not a decal.
Helmet includes: • Lens options from fixed shade 10 to full auto-darkening. See details on page 98 and 99. • Ratcheting Head Gear • 4 Color Graphic Box • Outside Cover Lens • Inside Safety Lens	**Helmet includes:** • Lens options from fixed shade 10 to full auto-darkening. See details on page 98 and 99. • Ratcheting Head Gear • 4 Color Graphic Box • Outside Cover Lens • Inside Safety Lens	**Helmet includes:** • Lens options from fixed shade 10 to full auto-darkening. See details on page 98 and 99. • Ratcheting Head Gear • 4 Color Graphic Box • Outside Cover Lens • Inside Safety Lens

Replacements for Above Helmets

Headgear	Item 14142	Page 101
Outside Cover Lenses	Item 14137	Page 77
Inside Safety lenses	Various	Page 77

HELMETS/LENS SPECIFICATIONS

Fixed Shade
5.24" x 4.49"
Part# 14213
(lens only)

Part# 14262

Part# 14264

Part# 14266

Economy
Auto-Darkening
3.82" x 1.85"
Part# 14268
ADF 810S (Lens only)

Part# 14263

Part# 14265

Part# 14267

Features	Non Auto Darkening Shade 10	Good/Variable Auto Dark 9-13
Optical Class	-----	1/1/1/2
Viewing Area	5.24"x4.49" (133x114mm)	3.82"x1.85" (97x47mm)
Size of Cartridge	5.24"x4.49" (133x114mm)	5.24"x4.50"x.35" (133x114x9mm)
Lens Shade	Shade 10	9-13 variable
Light State	-----	Shade 3.5
Shade Control	-----	Internal
Sensors	-----	2
On/Off	-----	Automatic
Power Supply	-----	Solar cell, no battery change req.
Switch Time	-----	1/25,000
Sensitivity Control	-----	Adjust by infinity knob
Delay Time (Dark to Light)	-----	0.35-0.45s
Grind Mode	-----	Yes
Low TIG Amps Rated	-----	>5 amps/DC; >5 amps/AC
Operating Temperature	-10°C - +55°C	-10°C - +55°C
Storing Temperature	-20°C - +70°C	-20°C - +70°C
Packing	4 Color Graphic Box	4 Color Graphic Box
Application Range	Stick Welding (DC&AC); **Not for Grinding; Not for Laser Welding or Oxy Acetylene Welding/Cutting**	Stick Welding (DC&AC); TIG(DC, DC Pulse); TIG AC(Pulse), Excellent low amperage TIG response, MIG/MAG; MIG/MAG Pulse; Plasma Cutting/ Welding; Grinding; **Not for Laser Welding or Oxy Acetylene Welding/ Cutting**
Standard	ANSI Z87.1, CSA Z94.3 Approved	ANSI Z87.1, CSA Z94.3 Approved

(Continued)

HELMETS/LENS SPECIFICATIONS

Expert Large Auto-Darkening 3.82" x 1.85" Part# 14269
ADF 800S (lens only)

Part# 14252

Part# 14254

Part# 14256

Expert Pro Auto-Darkening 3.82" x 2.44" Part# 14270
ADF 820S (Lens only)

Part# 14253

Part# 14255

Part# 14257

Features	Better/Variable Expert Large Auto View Dark	Best/Variable Expert Pro Full View Auto Dark
Optical Class	1/1/1/2	1/2/1/1
Viewing Area	3.82"x1.85" (97x47mm)	3.82"x2.44" (97x62mm)
Size of Cartridge	5.24"x4.50"x.35" (133x114x9mm)	5.24"x4.50"x.35" (133x114x9mm)
Lens Shade	9-13 variable	9-13 variable
Light State	Shade 3.5	Shade 3.5
Shade Control	Internal	Internal
Sensors	2	4
On/Off	Automatic	Automatic
Power Supply	Solar cell+Battery Replacable	Solar cell+Battery Replacable
Switch Time	1/25,000	1/25,000
Sensitivity Control	Adjust by infinity dial knob	Adjust by infinity dial knob
Delay Time (Dark to Light)	0.1-1.0s by infinity dial control knob	0.1-1.0s by infinity dial control knob
Grind Mode	Yes	Yes
Low TIG Amps Rated	>2 amps/DC; >2 amps/AC	>2 amps/DC; >2 amps/AC
Operating Temperature	-10°C - +55°C	-10°C - +100°C
Storing Temperature	-20°C - +70°C	-20°C - +100°C
Packing	4 Color Graphic Box	4 Color Graphic Box
Application Range	Stick Welding (DC&AC); TIG(DC, DC Pulse); TIG AC(Pulse), **Excellent low amperage TIG response**, MIG/MAG; MIG/MAG Pulse; Plasma Cutting/Welding; Grinding; Oxy Acetylene Welding/Cutting; **Not for Laser Welding.**	Stick Welding (DC&AC); TIG(DC, DC Pulse); TIG AC(Pulse), **Excellent low amperage TIG response**, MIG/MAG; MIG/MAG Pulse; Plasma Cutting/Welding; Grinding; **Not for Laser Welding or Oxy Acetylene Welding/Cutting**
Standard	ANSI Z87.1, CSA Z94.3 Approved	ANSI Z87.1, CSA Z94.3 Approved

WELDING HELMETS

BLUE/RED NYLON LIFT FRONT HELMETS

Helmets are available in 2 lens sizes - shade 10 - with a clear plastic cover lens. Ratchet type headgear with a flip-up lens so helmet does not need to be removed or raised while viewing work. Helmets ship in graphic boxes.

Item#	Style	Headgear	Lens Size	Color
14107	Lift Front	Ratchet	2" x 4 1/4"	Blue
14106	Lift Front	Ratchet	4" 1/2" x 5 1/4"	Blue
14272	Lift Front	Ratchet	4" 1/2" x 5 1/4"	Red

14272

14107

WELDING HELMETS

ECONOMY WELDING HELMETS

These helmets are our most economical style, and include a shade 10 lens and ratcheting headgear.

Item#	Style	Head Gear	Lens Size	Description
14109	Fixed Front	Ratchet	2" x 5 1/4"	Black Nylon Helmet
14114	Fixed Front	Ratchet	2" x 4 1/4"	Black Nylon Helmet
14116	Lift Front	Ratchet	2" x 4 1/4"	Black Polypropelene Helmet

14114

14116

SILVER COATED, COOL LIFT FRONT WELDING HELMET

This lift front helmet has a 2" x 4 1/4" lens. 30% cooler than uncoated helmets, it comes with a ratcheting headgear and shade 10 lens. Meets ANSI standards.

Item#	Style	Head Gear	Lens Size	Color
14112	Lift Front	Ratchet	2" x 4 1/4"	Silver

14112

WELDING HELMETS

POWERED AIR PURIFYING RESPIRATOR

Helmet with Powered Air Purifying Respirator
Item# 14250

Flame Retardant

Helmet is equipped with Expert Large Auto Darkening Lens
Item# 14269

ADF 800S Lens
(See page 99 for full lens specifications)

SPECIFICATIONS

Air Flow Rate

Low Speed:	170 litres/min
High Speed:	210 litres/min

Battery

Battery Type:	Rechargeable Li-ion Battery
Battery Duration:	9 hours
Battery Life:	550 charges

Filter

Filter Efficiency:	99.97% of certain airborne contaminants, pollutants, fine particles, welding dust, and metal dust.
Alarms:	Visible, Audible, and Vibrate
Operating Temperature:	23° to 131° F (-5 to 55° C)
Weight:	1.2 kg (2.65 lbs)
Standard:	EN 12941 TH3

HOW TO OPERATE

Power on/off
Push and hold the Power Button for 3 Seconds.

Switch the airflow:
Push the Button to switch the airflow between 170 l/min and 210 l/min.

Warning lights help to check the filter status. The more lights turned on, the dirtier the filter. When the warning lights flash, replace the filter.

Item#	Operating Temperature	Weight	Battery Life	Standard	Air Flow Rate	Pkg. Qty
14250	23° to 131° F (-5° to 55° C)	2.6 lbs (1.2 kg)	550 Charges	EN 12941 TH3	170-210 litres/min	1

Item#	Description	Pkg. Qty
14251	Replacement Air Filter for 14250	1

WELDING LENSES

These lenses provide maximum protection from ultraviolet and infrared radiation. The darker lenses are for higher amperage, where the lighter lenses are for indoor and light welding. Clear cover lenses are made of high quality material to protect shaded lenses, where gold lenses reflect radiated energy from arcs.

Sizes 2" x 4 1/4"

Item#	Size	Shade	Pkg. Qty
14200	2" x 4 1/4"	#5 Glass	1
14201	2" x 4 1/4"	#8 Glass	1
14202	2" x 4 1/4"	#9 Glass	1
14203	2" x 4 1/4"	#10 Glass	1
14204	2" x 4 1/4"	#11 Glass	1
14205	2" x 4 1/4"	#12 Glass	1
14206	2" x 4 1/4"	Clear Polycarbonate	1
14207	2" x 4 1/4"	Clear Polycarbonate	3
14208	2" x 4 1/4"	Clear Glass	1
14209	2" x 4 1/4"	Gold #9 Glass	1
14210	2" x 4 1/4"	Gold #10 Glass	1

Sizes 4 1/2" x 5 1/4"

Item#	Size	Shade	Pkg. Qty
14211	4 1/2" x 5 1/4"	#8 Glass	1
14212	4 1/2" x 5 1/4"	#9 Glass	1
14213	4 1/2" x 5 1/4"	#10 Glass	1
14214	4 1/2" x 5 1/4"	#11 Glass	1
14215	4 1/2" x 5 1/4"	#12 Glass	1
14216	4 1/2" x 5 1/4"	Polycarbonate	1
14217	4 1/2" x 5 1/4"	Clear Glass	1
14218	4 1/2" x 5 1/4"	Gold #9 Glass	1
14219	4 1/2" x 5 1/4"	Gold #10 Glass	1

50MM ROUND LENSES

These high quality lenses are 50 millimeters in diameter and are sold in pairs.

14225/14226

Item#	Shade	Pkg. Qty.
14220	Green Shade #4-Poly	1 Pair
14221	Green Shade #5-Poly	1 Pair
14222	Green Shade #6-Poly	1 Pair
14223	Clear Glass	1 Pair
14224	Clear Polycarbonate Cover	1 Pair

Item#	Size	Magnification	Pkg. Qty.
14225	2" x 4 1/4"	F 1.50	1
14226	2" x 4 1/4"	F 2.00	1

WELDING LENSES

CLEAR REPLACEMENT COVER LENSES

14275

14340

14341

REPLACEMENT INSIDE COVER LENS FOR AUTO-DARKENING FILTERS

Item#	Description	Size	Pkg. Qty.
14275	ADF810S & ADF600S	2" x 3 3/4"	1
14277	AF200A	1 3/4" x 3 3/4"	1
14340	ADF800S	2 1/2" x 3 3/4"	1
14341	ADF820S	3 1/2" x 3 3/4"	1

14274

14137

REPLACEMENT FRONT COVER LENS FOR AUTO-DARKENING HELMETS

Item#	Description	Size	Pkg. Qty.
14137	ADF800S / ADF810S / ADF820S	5 1/4" x 4 1/2"	1
14135	ADF600S	4 1/4" x 4 5/8"	1
14274	AF200A	3 5/8" x 4 3/8"	1

*To find the appropriate ADF/AF#, look on the inside of the auto-darkening lens housing.

ROD & WIRE

6010 WELDING ELECTRODE

This all position, mild steel rod provides smoother arc characteristics. Used for out of position welding, maintenance welding, galvanized steel, ship building and pipe line welding.

11004

Item#	Size	Rec Amperage	Pkg. Qty.
11000	3/32"	60-85	1 lb.
11001	3/32"	60-85	5 lb.
11002	3/32"	60-85	10 lb.
11003	1/8"	65-120	1 lb.
11004	1/8"	65-120	5 lb.
11005	1/8"	65-120	10 lb.
11006	5/32"	110-170	1 lb.
11007	5/32"	110-170	5 lb.
11008	5/32"	110-170	10 lb.

6011 WELDING ELECTRODE

This all position, all purpose, mild steel electrode has strong arc characteristics for deep penetration.

Used for tanks, steel castings, machinery parts, construction and pressure pipe.

11014

Item#	Size	Rec Amperage	Pkg. Qty.
11009	3/32"	40-80	1 lb.
11010	3/32"	40-80	5 lb.
11011	3/32"	40-80	10 lb.
11012	3/32"	40-80	50 lb.
11013	3/32"	40-80	4 Rods
11014	1/8"	75-120	1 lb.
11015	1/8"	75-120	5 lb.
11016	1/8"	75-120	10 lb.
11017	1/8"	75-120	50 lb.
11018	1/8"	75-120	3 Rods
11019	5/32"	110-170	1 lb.
11020	5/32"	110-170	5 lb.
11021	5/32"	110-170	10 lb.
11022	5/32"	110-170	50 lb.
11023	5/32"	110-170	3 Rods

6013 WELDING ELECTRODE

This all position, all purpose, mild steel electrode has a stable arc designed for welding on clean, new metal.

Used for general purpose welding, build-up of shafts and machine parts.

11034

Item#	Size	Rec Amperage	Pkg. Qty.
11024	3/32"	50-100	1 lb.
11025	3/32"	50-100	5 lb.
11026	3/32"	50-100	10 lb.
11027	3/32"	50-100	50 lb.
11028	3/32"	50-100	4 Rods
11029	1/8"	80-130	1 lb.
11030	1/8"	80-130	5 lb.
11031	1/8"	80-130	10 lb.
11032	1/8"	80-130	50 lb.
11033	1/8"	80-130	3 Rods
11034	5/32"	105-180	1 lb.
11035	5/32"	105-180	5 lb.
11036	5/32"	105-180	10 lb.
11037	5/32"	105-180	50 lb.
11038	5/32"	105-180	3 Rods

ROD & WIRE

E7014 WELDING ELECTRODE

This all position, mild steel iron powder type electrode has smooth arc characteristics for medium penetration.

Used for tanks, steel castings, machinery parts, construction and pressure pipe. Works best on clean steel applications.

11040

E7018 WELDING ELECTRODE

This all position, low hydrogen electrode provides high strength and toughness without cracking down the center of the bead. For use on high carbon and cold rolled steel. Joins hard to weld steels easily.

11055

Item#	Size	Rec Amperage	Pkg. Qty.
11054	3/32"	55-85	1 lb.
11055	3/32"	55-85	5 lb.
11056	3/32"	55-85	10 lb.
11057	3/32"	55-85	50 lb.
11058	3/32"	55-85	4 Rods
11059	1/8"	90-140	1 lb.
11060	1/8"	90-140	5 lb.
11061	1/8"	90-140	10 lb.
11062	1/8"	90-140	50 lb.
11063	1/8"	90-140	3 Rods
11064	5/32"	110-185	1 lb.
11065	5/32"	110-185	5 lb.
11066	5/32"	110-185	10 lb.
11067	5/32"	110-185	50 lb.
11083	5/32"	110-185	3 Rods
11132	3/16"	110-185	50 lb.

Item#	Size	Rec Amperage	Pkg. Qty.
11039	3/32"	50-100	1 lb.
11040	3/32"	50-100	5 lb.
11041	3/32"	50-100	10 lb.
11042	3/32"	50-100	50 lb.
11043	3/32"	50-100	4 Rods
11044	1/8"	90-140	1 lb.
11045	1/8"	90-140	5 lb.
11046	1/8"	90-140	10 lb.
11047	1/8"	90-140	50 lb.
11048	1/8"	90-140	3 Rods
11049	5/32"	140-210	1 lb.
11050	5/32"	140-210	5 lb.
11051	5/32"	140-210	10 lb.
11052	5/32"	140-210	50 lb.
11053	5/32"	140-210	3 Rods

E7018 AC WELDING ELECTRODE

All position rod for AC or DC reverse polarity current.

11073

Item#	Size	Rec Amperage	Pkg. Qty.
11068	3/32"	55-85	1 lb.
11069	3/32"	55-85	5 lb.
11070	3/32"	55-85	10 lb.
11071	3/32"	55-85	50 lb.
11072	3/32"	55-85	4 Rods
11073	1/8"	90-140	1 lb.
11074	1/8"	90-140	5 lb.
11075	1/8"	90-140	10 lb.
11076	1/8"	90-140	50 lb.
11077	1/8"	90-140	3 Rods
11078	5/32"	130-185	1 lb.
11079	5/32"	130-185	5 lb.
11080	5/32"	130-185	10 lb.
11081	5/32"	130-185	50 lb.
11082	5/32"	130-185	3 Rods

ROD & WIRE

11094

HARDFACING WELDING ELECTRODES

High quality, graphite coated, hardfacing material, produces outstanding impact and abrasion resistance. This all position, AC or DC rod is designed to run at low temperature (53 to 57 "C").

Ideal for repairing all types of agriculture, construction equipment and concrete mixers.

Item#	Size	Rec Amperage	Pkg. Qty.
11094	1/8" x 14"	80-125	1 lb.
11095	1/8" x 14"	80-125	5 lb.
11096	1/8" x 14"	80-125	3 Rods

11085

NOMACAST ELECTRODES

Made from mild steel-nickel alloy. Not machinable.

Used for welding cast iron and great for use on parts that do not expand from heat.

Item#	Size	Rec Amperage	Pkg. Qty.
11085	1/8"	70-105	1 lb.
11086	1/8"	70-105	5 lb.
11087	1/8"	70-105	3 Rods

11089

99% NICKEL CAST IRON ELECTRODES

The highest quality nickel electrode available. The high nickel content has a natural attraction to cast iron, giving it superior performance when welding cast iron material. No preheating or post-heating. For machinable welds.

Used for engine blocks, surface build up, cracked castings, cylinder heads and exhaust manifolds.

Item#	Size	Rec Amperage	Pkg. Qty.
11088	1/8"	100-135	1 lb.
11089	1/8"	100-135	5 lb.
11090	1/8"	100-135	3 Rods

11092

55% NICKEL CAST IRON ELECTRODE

The most versatile cast iron electrode, nickel wire designed for making non-machinable welds in cast iron. Welds well on dirty or corroded surfaces with a smooth arc at low amperages.

Used for repairing cylinder blocks, exhaust manifolds and machine bases.

Item#	Size	Rec Amperage	Pkg. Qty.
11091	1/8" x 14"	100-135	1 lb.
11092	1/8" x 14"	100-135	5 lb.
11093	1/8" x 14"	100-135	3 Rods

ROD & WIRE

11097

ER 4043 ALUMINUM ELECTRODES

Flux coated aluminum electrode used for alloy and aluminum welding. Applications include: castings, plates, aluminum, sheet metal, piping and tanks. For flat horizontal and vertical welding.

Item#	Size	Rec Amperage	Pkg. Qty.
11097	1/8"	70-120	1 lb.
11098	1/8"	70-120	5 lb.
11099	1/8"	70-120	3 Rods

11109

ER 5356 BARE ALUMINUM RODS

Used for aluminum repair. For use with torch and aluminum flux.

Item#	Size	Pkg. Qty.
11109	3/32" x 36" Long	1 lb.
11110	1/8" x 36" Long	1 lb.
11124	3/32" x 36" Long Job Pack	4 Rods
11125	1/8" x 18" Long Job Pack	3 Rods

11101

BARE BRAZING RODS

Made from a balance of zinc and copper alloy. These high quality, low fuming rods tin easily and offer great wear resistance. Brazing flux required. Good for brazing fenders, radiators, sheet metal and water tanks.

Item#	Size	Pkg. Qty.
11101	3/32" x 36" Long	1 lb.
11102	1/8" x 36" Long	1 lb.
11122	3/32" x 18" Long Job Pk.	4 Rods
11123	1/8" x 18" Long Job Pk.	3 Rods

11107

FLUX COATED BRAZING RODS

This flux coated, low fuming brazing rod is strong and wear resistant. High quality and easy to tin, fuses well with cast iron, galvanized iron, steel, brass and copper. Good for use on autos, tanks and pipes.

Item#	Size	Pkg. Qty.
11107	3/32" x 36" Long	1 lb.
11108	1/8" x 36" Long	1 lb.
11127	1/8" x 18" Long Job Pack	3 Rods

ROD & WIRE

11103

HARDFACING ELECTRODE

Alloy produces long wear and a mirror finish when polished. High abrasion resistance with moderate impact. Bonds easily. Great for thin wear edges on farm implements.

Item#	Size	Pkg. Qty.
11103	3/16" x 14" Long	1 lb.
11128	3/16" x 18" Long	2 Rods

11104

RG45 OXY - ACETYLENE RODS

Copper coating prevents rusting and improves corrosion resistance. An excellent all purpose rod for use in shops, home, maintenance and commercial.

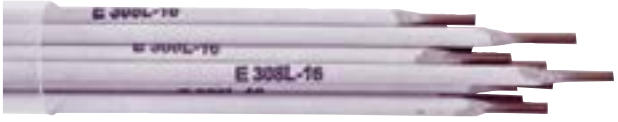
Item#	Size	Pkg. Qty.
11104	1/16" x 36" Long	1 lb.
11105	3/32" x 36" Long	1 lb.
11106	1/8" x 36" Long	1 lb.

11100

SUPER SIL-FLO

Self fluxing on copper. Substitute for 6% to 15% silver content brazing alloys for copper installations. Not recommended for iron or steel. Applications include: joints, couplings, pipe and copper tubing extensions and copper and brass control valves.

Item#	Size	Rec. Amperage	Pkg. Qty.
11100	1/8" x 20"	75-130	1/2 lb.
11121	1/8" x 20" Job Pk.	75-130	2 Rods



11118

E308L-16 SUPER 3 STAINLESS STEEL RODS

All position, high strength chromium and nickel alloy electrode. Corrosion resistant in high and low temperatures.

Crack resistant even on high carbon, manganese, stainless and dissimilar steels.

Item#	Size	Rec. Amperage	Pkg. Qty.
11112	1/16"	25-35	1 lb.
11113	1/16"	25-35	5 lb.
11114	1/16"	25-35	4 Rods
11115	3/32"	50-70	1 lb.
11116	3/32"	50-70	5 lb.
11117	3/32"	50-70	4 Rods
11118	1/8"	75-100	1 lb.
11119	1/8"	75-100	5 lb.
11120	1/8"	75-100	3 Rods

12050

STORAGE TUBE

Partitioned plastic storage tube allows you to keep 4 different types of electrodes in one container. Tight seal gasket prevents moisture from penetrating the rod. 14" maximum rod length. Convenient built-in belt hook.

Item#	Size	Pkg. Qty.
12050	15" x 3 1/4"	1

ROD & WIRE

12011

ALUMINUM MIG WIRE - ER 5356

Excellent for all types of aluminum welding. Made from premium aluminum. For use with aluminum alloys using MIG and TIG welding processes.

Item#	Wire Type	Wire Size	Spool Sz.	Pkg. Qty
12011	Aluminum	.030	1 lb.	1
12012	Aluminum	.035	1 lb.	1
12061	Aluminum	.030	16 lb.	1
12062	Aluminum	.035	16 lb.	1

12042

ALUMINUM MIG WIRE - ER 4043

Made from premium aluminum. For use with aluminum alloys using MIG and TIG welding processes. Excellent for all types of aluminum welding.

Item#	Wire Type	Wire Size	Spool Sz.	Pkg. Qty
12042	Aluminum	.030	1 lb.	1
12043	Aluminum	.035	1 lb.	1
12063	Aluminum	.030	16 lb.	1
12064	Aluminum	.035	16 lb.	1

12008

GASLESS FLUX CORED MIG WIRE (E 71T-GS)

This flux-cored steel wire is used without gas as a shielding agent on migwelders with reverse polarity. Produces a deep penetrating weld.

Item#	Wire Type	Wire Size	Spool Sz.	Pkg. Qty
12008	Flux-cored/Steel	.030	2 lb.	1
12021	Flux-cored/Steel	.030	10 lb.	1
12009	Flux-cored/Steel	.035	2 lb.	1
12010	Flux-cored/Steel	.035	10 lb.	1

12000

MILD STEEL MIG WIRE (ER70S-6)

Made from a premium mild steel, this wire has powerful deoxidizers for surface cleaning. Used for automobile repair, truck bodies, tanks, fabrication and construction jobs, Shielding gas required.

Item#	Wire Type	Wire Size	Spool Sz.	Pkg. Qty
12000	Steel	.023	2 lb.	1
12001	Steel	.023	11 lb.	1
12051	Steel	.023	33 lb.	1
12002	Steel	.030	2 lb.	1
12003	Steel	.030	11 lb.	1
12004	Steel	.030	33 lb.	1
12005	Steel	.035	2 lb.	1
12006	Steel	.035	11 lb.	1
12007	Steel	.035	33 lb.	1
12052	Steel	.035	44 lb.	1

STAINLESS MIG WIRE - ER308L

Made from premium stainless steel. Designed for horizontal and vertical welding. Use with 100% Argon/Shielding gas or 75% Argon/25% CO_2. Excellent for the food and beverage industry, fabrication, tanker trucks and general maintenance and repair.

Item#	Wire Type	Wire Size	Spool Sz.	Pkg. Qty
12013	Stainless Steel	.030	2 lb.	1
12014	Stainless Steel	.035	2 lb.	1

12013

SOLDER

ACID FLUX CORE SOLDER

Best used for non-electrical applications such as sheet metal joint and fitting connections. 3.3 Tin - 2.2 Antimony - 95.5 lead

Item#	Size	Grade	Tensile Strength	Melting Temp	Wt.
12024	1/8"	40/60% Tin-Lead	4900	460° F	1/4 lb.
12025	1/8"	Commercial	4900	575° F	1 lb.

12024

LEAD FREE WIRE SOLDER

100% Lead Free - 95% tin and 5% antimony alloy. Complies with federal and state laws prohibiting lead in water systems. Used for non-electrical applications such as: refrigeration and plumbing system repairs.

Item#	Size	Grade	Tensile Strength	Melting Temp	Wt.
12015	1/8"	95/5% Tin-Ant	6000	464° F	1 lb.
12016	1/8"	95/5% Tin-Ant	6000	464° F	1/2 lb.
12017	1/8"	95/5% Tin-Ant	6000	464° F	1/4 lb.
12018	3/32"	95/5% Tin-Ant	6000	464° F	1/4 lb.
12019	3/32"	95/5% Tin-Ant	6000	464° F	1/2 lb.
12020	3/32"	95/5% Tin-Ant	6000	464° F	1 lb.

12015

ROSIN FLUX CORE SOLDER

Flux is a mild cleaning agent, but it is completely non-corrosive and electrically non-conductive. Works well on all types of electrical connections.

Item#	Size	Grade	Tensile Strength	Melting Temp	Wt.
12026	1/16"	60/40% Tin-Lead	7600	460° F	1/4 lb.
12027	3/32"	40/60% Tin-Lead	5400	460° F	1/4 lb.
12028	3/32"	30/70% Tin-Lead	5400	491° F	1/2 lb
12029	1/8"	Commercial	3600	575° F	1 lb.

12026

SOLID WIRE SOLDER

This solder must be used with paste or liquid flux. Used for general, non-electrical applications such as: radiator repairs and other general jobs.

Item#	Size	Grade	Tensile Strength	Melting Temp	Wt.
12031	1/8"	30/70% Tin-Lead	4500	491° F	1/2 lb.
12032	1/8"	40/60% Tin-Lead	4900	460° F	1/4 lb.
12033	1/8"	50/50% Tin-Lead	5500	413° F	1/2 lb.
12034	3/32"	50/50% Tin-Lead	5500	421° F	1/4 lb.
12035	3/32"	40/60% Tin-Lead	4900	460° F	1/4 lb.

12031

SOLDER

NEW! ROSIN CORE SOLDER

A general purpose cleaning/bonding agent for soldering jobs.

Item#	Size	Pkg. Qty.
12039	SN99.3	1

12039

PASTE FLUX

A general purpose cleaning/bonding agent for soldering jobs.

Item#	Size	Pkg. Qty.
12038	2 oz.	1

12038

BRAZING FLUX

General purpose brazing flux for stronger bond.

Item#	Size	Pkg. Qty.
12040	1/2 lb. - Dry Brazing Flux	1
12041	1 lb. - Dry Brazing Flux	1

12040

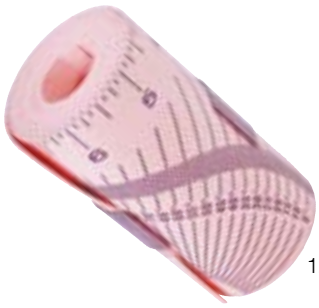
SILVER SOLDER

Lead free (non-toxic) metal only. Stored in pin pack to keep solder roll neat.
For use with chrome plate, brass, nickel, copper and stainless steel. PSI: 8000.

Item#	Size	Description	Pkg. Qty.
12036	.50 oz.	3/64" Diameter	1
12037	4 oz. bottle of Flux	1050°-1600° F Melting Temperature	1

12036

PIPE TEMPLATE/GEL/SPRAY/COLD FIRE



12248

WRAP-AROUND PIPE TEMPLATE

This pipe template is made of a tough, flexible material with a protractor, scale and 45 degree angle markings. Used by all layout men, fitters and welders.

Item#	Dimensions	Wt.	Pkg. Qty.
12248	4" x 60"	.4 lb.	1

12253 12254

ANTI-SPATTER SPRAY AND NOZZLE GEL

Anti-Spatter Spray: Environmentally safe spray reduces welding spatter. Made of non-toxic ingredients.

Nozzle Gel: Provides excellent protection against weld spatter build-up on MIG gun nozzles, contact tips, positioners, stud welding chucks and electrode holders. Can be used on all automatic and semi-automatic welding apparatus. Will not cause porosity.

All Water Based, Biodegradable materials

Item#	Description	Pkg. Qty.
12253	Nozzle Gel	1
12254	Anti-Spatter Spray	1

12295

COLD FIRE WELDING SURFACE PROTECTANT

Puts out flames and cools hot surfaces in heat sensitive welding applications. Cold Fire is an excellent aerosol spray that instantly cools hot surfaces. It is environmentally safe, used by welders, plumbers and homeowners alike. Used in plumbing applications to pre-spray an area before soldering to help prevent heat damage or reduce hidden fire risks.

Item#	Description	Pkg. Qty.
12295	12 oz. Aerosol Spray	1

12296

COLD FIRE WELDING SURFACE PROTECTANT

This 32 oz. aerosol pump is excellent as a spot fire extinguisher for Class A, B and D (metal) fires. Saves time in welding process. Helps eliminate disassembly of parts where heat damage is an issue. Used for the same applications as the 12 oz. aerosol spray only in a larger size pump.

Item#	Description	Pkg. Qty.
12296	32 oz. pump	1

SPARK SUPPRESSOR/CABLE CUTTERS/CONNECTORS/CLAMPS

14444

WELDER'S SPARK SUPPRESSOR

12 Volt Surge Protector System Protects Car Computers from Possible Damage caused by Voltage Sparks while working on Vehicles!
A necessary welder's tool which can save you thousands of dollars in computer replacements. Easily connects to the car battery. Eliminates transient spikes while welding. Reduces the risk of blowing the electronics of the vehicle when you strike a welding arc.

Item#	Dimensions	Wt.	Pkg. Qty.
14444	2 1/2" x 2 1/2"	.25 lb.	1

12230

CABLE

Exceptional abrasive resistance with maximum flexibility. Yellow safety liner for added protection.

Item#	Amps/Length Rating	Size	Gauge
12230	100 amps up to 75'	100' Box	4
12231	150 amps up to 100'	100' Box	2
12232	100 amps up to 125'	100' Box	1
12233	150 amps up to 125'	100' Box	1/0
12298	Battery and Automotive Cable – 105 Amps	100' Box	6

12234

CABLE CUTTER

Heavy duty shears for cutting through cable and rubber hose. Designed for copper or aluminum cable.

Item#	Dimensions	Wt.	Pkg. Qty.
12234	10 1/2" x 2"	1.1 lb.	1

12104

BATTERY CLAMPS

Heavy guaged steel, battery charger clamps are used up to 400 Amps. They come equipped with cable lug- one red and one black with insulated handles.

Item#	Dimensions	Wt.	Pkg. Qty.
12104	1 1/4" x 6"	1 lb.	1 Pair

CONNECTORS

Cable Connector Sets
Fits cable sizes 6 - 2, Male and Female.

Heavy duty brass construction, locking cam-type connectors are used for light or heavy duty connecting applications, such as replacing old connectors or joining cables without soldering.

Item#	Size	Range	Pkg. Qty.
12226	#4 - 1/0	300A-400A	1 Set
12227	#1/0 - 2/0	400A-500A	1 Set

12226

ELECTRODE HOLDERS/CLAMPS

12101

12103

ELECTRODE HOLDER

These heat resistant, light weight holders have fiberglass handles and jaws. Highly conductive copper tongs are insulated for safe operation.

Item#	Amperage	Pkg. Qty.
12100	200	1
12101	300	1
12102	500	1

STUB TYPE ELECTRODE HOLDER

This holder has jaws that lock onto the rod with a one quarter turn of the handle.

Item#	Amperage	Pkg. Qty.
12103	400	1

12106

STEEL GROUND CLAMPS

Steel clamp is used for cable sizes to 2/0. The connection is made right to the wide grip jaws.

Item#	Type	Amperage	Pkg. Qty.
12105	Steel	200	1
12106	Steel	300	1
12107	Steel	500	1

BRASS GROUND CLAMPS

Brass Clamp is highly conductive and has a broad base for sliding under flat, heavy work.

Item#	Type	Amperage	Pkg. Qty.
12108	Brass	200-300	1
12109	Brass	300-400	1

12113

HEAVY DUTY COPPER GROUND CLAMP

This copper jaw clamp has a long-life rear spring and wide Jaw for versatile positioning and positive grounding.

Item#	Type	Amperage	Pkg. Qty.
12113	Copper Alloy Jaws	300-500	1

CHIPPING HAMMERS/SOAPSTONE & HOLDER

12110

12111

WOODEN HANDLE CHIPPING HAMMER

Wooden handle straight head hammer used for cleaning slag off metal.

Item#	Type	Pkg. Qty.
12110	Straight Head Chipping Hammer	1

SPRING HANDLE CHIPPING HAMMER

Metal spring handle with cross chisel hammer has a head the opposite of the straight head.

Item#	Type	Pkg. Qty.
12111	Cross Chisel Chipping Hammer	1

12112

14020

12214

12211

WIRE BRUSH AND CHIPPING HAMMER

Chipping hammer with a detachable wire brush offers quick slag removal and weld cleaning. Replaceable brush.

Item#	Type	Pkg. Qty.
12112	Chipping Hammer w/Wire Brush	1
14020	Replaceable Wire Brush 4 3/4" Long x 3/4" Wide	1

SOAPSTONE AND SOAPSTONE HOLDERS

Choose from our Round or Flat holders.

Item#	Type	Size	Pkg. Qty.
12211	Round Holder	3/8" x 4 3/4"	1
12212	Round Refill	1/4" x 5"	10
12213	Bulk Round Refill	1/4" x 5"	144
12214	Flat Holder	5/8" x 5 1/2"	1
12215	Flat Refill	3/16" x 1/2" x 5"	10
12216	Bulk Flat Refill	3/16" x 1/2" x 5"	144

TIP CLEANER/DRILL SET/DEBURRING TOOL/PENCIL/LIGHTERS

OXY-ACETYLENE TIP CLEANERS

Both types are easy to use. Kit features circle design to provide 60 cleaning edges per inch. Kit includes file which fits all tip sizes. Long cleaner has longer files for hard to reach areas. Recommended for heavy duty cutting attachments.

Item#	Style	Dimensions	Pkg. Qty.
12241	Regular Cleaner	3 1/2" x 3 9/16"	1
12242	Long Cleaner	4" x 3 13/16"	1

DEBURRING TOOL

Tool has a heat treated, tempered steel cutting edge that swivels to ensure a good cutting action. Used to debur metal and plastic pipe.

Item#	Size	Pkg. Qty.
12210	5"	1

TIP DRILL SET

This pencil type holder has 12 drills inside. Comes with a pocket clip. Cleans and trues acetylene cutting and welding orifices. (.5 through 1.5mm)

Item#	Type	Pkg. Qty.
12243	Tip Drill Set	1
12244	Replacement Tip Drills	1

MARKING PENCIL

This thin line pencil resists breakage and requires no sharpening.

Item#	Description	Pkg. Qty.
12207	Marking Pencil - with 3 silver, 3 red refills	1
12208	Refill - Silver	6
12209	Refill - Red	6

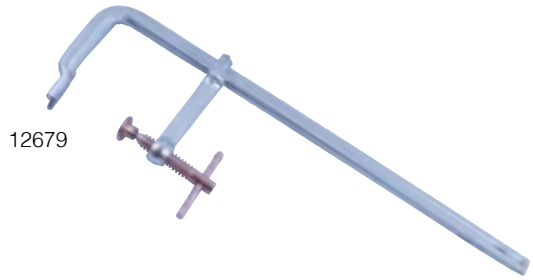
OXY-ACETYLENE LIGHTERS

The one flint lighter is lightweight, dependable and has a large round file and hood. This is the most popular in the welding industry.

The three flint lighter has a round file with three large flints and a bright plated finish. Rotate new flint into position when used flint is worn out.

Item#	Type	Pkg. Qty.
12237	1 Flint Oxy - Acetylene Lighter	1
12238	Single Striker Replacement Flints	5
12239	3 Flint Oxy - Acetylene Lighter	1
12240	Triple Striker Replacement Flints	1

CLAMPS



C - CLAMPS

Clamps are made with a high tensile frame and copper plated steel screws. The handle has a sliding pin and a rocking pad at the screw end.

Item#	Size	Pkg. Qty.
12217	2"	1
12218	3"	1
12219	4"	1
12220	5"	1
12221	6"	1
12673	8"	1
12674	10"	1
12675	12"	1

F - CLAMPS

The "F" Clamp has a very rapid set up time. It is 90% faster than "C" Clamps. Made from drop forged, heat treated, plated steel with a screw and handle that are copper coated to protect against weld spatter.

Item#	Size	Pkg. Qty.
12676	8"	1
12677	10"	1
12678	12"	1
12679	16"	1

LOCKING C - CLAMP

Holds work tightly where you want it, allowing room to work around large pieces.

Item#	Size	Pkg. Qty.
12222	10 1/2" long	1

LOCKING WELDING CLAMP

Made of plated steel, this is the most secure method of holding two pieces of metal together for welding. Can be adjusted to different thicknesses.

Item#	Size	Pkg. Qty.
12223	Locking Welding Clamp	1

LIGHTER/MAGNETS/PICKS/SCRIBES

12245

12202

LIGHTNIN' BUG TORCH LIGHTER

Electrically generates a spark. Tested to 30,000 strikes this patented lighter ignites all fuel gases quickly and easily, again and again. Well worth the investment as it never needs replacement flints.

Corrosion and rust resistant.

Item#	Description	Pkg. Qty.
12245	Skin Packaged Lightnin' Bug	1

SCRIBES

Premium scribe has a sharp tungsten carbide tip which leaves clear markings on metal, plastic, glass and tools. Comes with a replaceable tip and pocket clip.

Item#	Description	Pkg. Qty.
12202	Premium Scribe	1

12250

12201

MULTI-PURPOSE MAGNETS

These magnets have an anisotropic ferrite magnet and a steel plate finish. Designed to hold ferrous metals at 45, 90 and 135 degree angles.

Used for welding, soldering, assembly, pipe installation and holding of metal parts while welding.

Item#	Size	Net. Wt.	Supports	Direct	Qty.
12250	2" x 2 1/2" x 1/2"	0.50	30 lbs.	20 lbs.	1
12251	2 3/4" x 3 1/4" x 9/16"	0.75	45 lbs.	33 lbs.	1
12252	3 5/8" x 4 1/16" x 3/4"	1.65	80 lbs.	55 lbs.	1

4 WAY PICK KIT

This four way repair kit has a knurled aluminum handle with four tempered steel picks. Comes in a plastic pouch.

Item#	Description	Pkg. Qty.
12201	Repair Pick Kit	1

12206

12205

MAGNET & MIRROR WITH FLEXIBLE HANDLE

The 17" long magnet can reach into tight places for ferrous metal objects. The mirror allows quick, clear inspection of obscure areas and can swivel 360 degrees. Plastic break resistant mirror.

Item#	Description	Pkg. Qty.
12205	Magnet with Flexible Handle / USA	1
12206	Mirror with Flexible Handle / USA	1

PLIERS/LEVEL/KNIFE/RECEPTACLES & PLUGS

12256

12258

MIG WELDER PLIERS FOR MULTIPLE JOBS

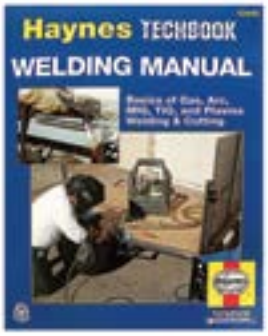
This special designed Mig Plier is a must for all welders. It acts as a multi-purpose tool with multiple functions.

Item#	Description	Pkg. Qty.
12256	Mig Plier	1

WELDERS UTILITY KNIFE

This general purpose knife comes in handy for many jobs. A welder's essential tool.

Item#	Description	Pkg. Qty.
12258	Knife with 4 replacement blades	1



10999

WELDING MANUAL

Contains basic guidelines for arc welding.

Item#	Description	Qty.
10999	Welding Manual	1

WALL RECEPTACLE AND PLUGS

Choose from the pin style used for 2 pole, 3 wire grounding and surface mounted; or the crowfoot style with 3 equal slots and used for 2 pole, 3 wire grounding.

Male pin type plug has two brass blades and half pin, where the male crowfoot plug has three heavy duty brass blades.

Both are made of hardened bakelite and use 125/250 volt, 50 amps (pin type requires 250 volt). Made in México.

Item#	Description	Pkg. Qty.
12224	Pin Type Wall Receptacle (Parallel Blade)	1
12225	Crowfoot Type Wall Receptacle	1
12235	Male Pin Type Plug (Parallel Blade)	1
12236	Male Crowfoot Plug	1

12235

12224

12225

12236

RECEPTACLES

20 Amp, U.L. Listed Receptacles. Made in México

Item#	Description	Pkg. Qty.
12246	20 Amp Max, 250 Volt	1
12249	20 Amp Max, 125 Volt	1

12246

12249

CRIMPING TOOL/CABLE LUGS/TANK ADAPTERS

12247

CRIMPING TOOL

For crimping of copper terminal lugs. This heavy duty crimping tool is designed for ease. The spring action plunger quickly crimps lugs with the use of a hammer.

Item#	Dimensions	Net Weight	Pkg. Qty.
12247	2" x 3 1/4"	1.6 lb.	1

12315 12312 12302

CABLE LUGS

Made from copper and designed for a solid connection. Easy to swage and/or crimp.

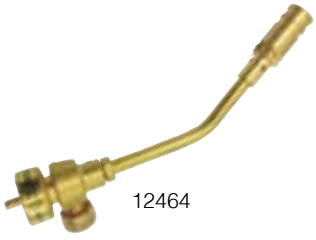
Item#	Cable Size	Supports	Pkg. Qty.
12300	8	#10	2
12301	6	1/4"	2
12302	4	5/16"	2
12303	4	3/8"	2
12304	2-3	5/16"	2
12305	1	3/8"	2
12306	1/0	3/8"	2
12308	2/0	3/8"	2
12309	2-6	3/8"	2
12310	2/0	1/2"	2
12311	3/0	1/2"	2
12312	4/0	1/2"	2
12313	1-2	1/2"	2
12314	2-6	1/2"	2
12315	1/0-2/0	1/2"	2

12412 12413 12414 12415 12416 12418 12419 12421

TANK ADAPTERS

Made for connections of oxygen and acetylene cylinders. For use in connecting a regulator to a tank with dissimilar connections.

Item#	Description	Pkg.Qty.
12412	Adapts CGA580 to CGA320	1
12413	Adapts CGA520 to CGA510 - B Tanks	1
12414	Adapts CGA520 to CGA200	1
12415	Adapts CGA510 to CGA520 - B Tanks	1
12416	Adapts CGA510 to CGA510 Rt. Angle	1
12418	Adapts CGA510 to CGA300	1
12419	Adapts CGA320 to CGA580	1
12421	Adapts CGA200 to CGA510 - MC Tanks	1



12464

12465

HAND TORCHES

Two levels or torches - for the do-it-yourselfer and the everyday professional.

Item#	Description	Pkg. Qty.
12464	Do-it-yourself pencil flame solid brass construction flame control valve. For use on 1 lb. propane tanks. Use for soldering - thawing pipes light maintenance. One year warranty.	1
12465	180 degree swivel tip, safety trigger lock. Use with standard mapp and 1 lb propane tank. Swirl combustion design, UL listed CGA600 Connection. One year warrantry - Made in USA	1

TORCH CARBONS/CYLINDER WRENCHES/HOSE/CRIMPING TOOL

12462

ARC TORCH CARBONS

Copper coated, these carbons are break resistant.

Item#	Size	Pkg. Qty.
12462	1/4"	10
12463	3/16"	10

16100

10-WAY CYLINDER WRENCH

Made from forged steel, this wrench has 10 openings. Sizes include: 7/16", 1/2", 9/16", 5/8", 11/16", 7/8", 1", 1 1/8" plus a 1/4" socket and a 3/8" square BMC.

Item#	Dimensions	Wt.	C.O.O.	Pkg. Qty.
16100	8 1/2" x 2 1/2"	.85 lbs	Made in China	1

16101

CYLINDER WRENCH

3/8" square opening for use on acetylene tanks.

Item#	Size	C.O.O.	Pkg. Qty.
16101	5" Long	Made in Taiwan	1

16102

16103

T-TYPE CYLINDER WRENCH

For use on acetylene tanks. Durable steel construction. 5" T-bar and 6" shank.

Item#	Size	C.O.O.	Pkg. Qty.
16102	3/8"	Made in Taiwan	1
16103	1/4"	Made in China	1

12263

OXY-ACETYLENE HOSE SET

This rugged Type "R", flexible hose is kink proof and has a neoprene cover. Rated to 100 PSI.

Item#	Diameter	Length	Pkg. Qty.
12263	3/16"	12.5'	1
12264	3/16"	20'	1
12265	3/16"	25'	1
12266	3/16"	50'	1
12268	1/4"	12.5'	1
12270	1/4"	25'	1
12271	1/4"	50'	1

12261

HOSE REPAIR CRIMPING TOOL

Used to perform hose fitting repairs

Item#	Dimensions	Wt.	Pkg. Qty.
12261	8 3/4" x 2 1/2" x 1/2"	1.3	1

REPAIR KIT/CLAMPS/FERRULES/BRACES/COUPLERS/NUTS

12260

OXY-ACETYLENE HOSE REPAIR KIT

Kit is complete with splicers, hose nuts, nipples, ferrules and couplers. Also includes a vise grip type crimping tool.

Item#	Dimensions	Wt.	Pkg. Qty.
12260	10 3/4" x 6 1/2" x 1 1/2"	3.7 lbs.	1

12283

OXY-ACETYLENE HOSE END REPAIR KIT

Set includes two complete hose end sets for 3/16" or 1/4" hose.

Item#	Size	Sets
12283	3/16"	2
12284	1/4"	2

12274

12275

HOSE BRACE

Item#	Size	Type	Pkg. Qty.
12274	3/16"	Oxy - Acetylene	5
12275	1/4"	Oxy - Acetylene	5

12287

12290

HOSE CLAMPS

Hose clamps available in 2 sizes.

Item#	Size	Pkg. Qty.
12290	3/16"	2
12289	1/4"	2

12272

BRASS HOSE FERRULES

Item#	Size	Type	Pkg. Qty.
12272	3/16"	Oxy - Acetylene	5
12273	1/4"	Oxy - Acetylene	5

12278

HOSE COUPLERS "B" FITTING

Item#	Type	Pkg. Qty.
12278	Acetylene	2
12279	Oxygen	2

HOSE NUTS

Item#	Size	Type	Pkg. Qty.
12287	9/16"	Acetylene	2
12288	9/16"	Oxygen	2

SPLICERS/CONNECTORS/NIPPLES/GAUGES

12281

12285

OXY-ACETYLENE HOSE SPLICERS

Used for joining 3/16" or 1/4" ends.

Item#	Size	Type	Pkg. Qty.
12280	3/16"	Oxy - Acetylene	2
12281	1/4"	Oxy - Acetylene	2

OXY-ACETYLENE HOSE SPLICER KIT

Set includes one splice coupler for connecting a 3/16" torch to a 1/4" hose.

Item#	Size	Set/Pcs.
12285	3/16"	1
12286	1/4"	1

12294

12276

OXY - ACETYLENE CONNECTORS

Used for joining 3/16" or 1/4" ends.

Item#	Hose Size	Type/Connection Sz.	Set
12291	1/4" ID	Oxygen to 1/4"	1
12292	1/4" ID	Acetylene to 1/4"	1
12293	3/16" ID	Oxygen to 3/16"	1
12294	3/16" ID	Acetylene to 3/16"	1

BARBED HOSE NIPPLES

Item#	Size	Type	Pkg. Qty.
12276	3/16"	Oxy-Acetylene	2
12277	1/4"	Oxy-Acetylene	2

OXY-ACETYLENE GAUGES

High quality, bourdon-tube style gauges.

1 1/2" Acetylene For Light Duty Kit #150

Item#	Type	Size	Pounds	Pkg. Qty.
12440	Acetylene Only	1/8"NPT	0-400	1
12441	Acetylene Only	1/8"NPT	0-4000	1

2" For Medium Duty Kit #250

Item#	Type	Size	Pounds	Pkg. Qty.
12422	Acetylene Only	1/4"NPT	0-30	1
12423	All Gases	1/4"NPT	0-60	1
12424	All Gases	1/4"NPT	0-100	1
12425	All Gases	1/4"NPT	0-400	1
12426	All Gases	1/4"NPT	0-4000	1

2 1/2" for Heavy Duty Kit #350

Item#	Type	Size	Pounds	Pkg. Qty.
12427	Acetylene Only	1/4"NPT	0-30	1
12428	All Gases	1/4"NPT	0-200	1
12429	All Gases	1/4"NPT	0-400	1
12430	All Gases	1/4"NPT	0-4000	1

12440

12422

12428

ARRESTORS/VALVES/REGULATORS

12447

12449

FLASHBACK ARRESTORS

Item#	Type	Description	Pkg. Qty.
12446	Torch	with check valves	2
12447	Regulator	with check valves	2
12448	Kwik-Connect	"B" 9/16"-18 Threads	2

REVERSE FLOW CHECK VALVES

Valves used to prevent gases from backing up and mixing in the regulators. For use on single or two stage regulators with 1/4" NPT outlet.

Item#	Description	Pkg. Qty.
12449	1/4" NPT - 2 pcs	2

12454

12444

SINGLE STAGE REGULATORS

Replacements For Series 150 Kits-UL Listed

Item#	Type	Size	Pounds
12454	Oxygen	50 mm	540 CGA, 4-60 PSIG
12455	Acetylene	50 mm	510 CGA, 2-15 PSIG

Replacements For Series 250 Kits-UL Listed

Item#	Type	Size	Pounds
12459	Oxygen	2"	540 CGA, 5-125 PSIG
12460	Acetylene	2"	510 CGA, 2-15 PSIG

Replacements For Series 350 Kits-UL Listed

Item#	Type	Size	Pounds
12442	Oxygen	2 1/2"	540 CGA, 2-125 PSIG
12443	Oxygen	2 1/2"	540 CGA, 10-200 PSIG
12444	Acetylene	2 1/2"	510 CGA, 2-15 PSIG
12445	Acetylene	2 1/2"	300 CGA, 2-15 PSIG

GLOVES

BLACK MAMBA TORQUE GRIP GLOVES

Features & Benefits:

- Raised Torque Grip
- Finished 6.25 mil between Torque Grips and 10.25 mil thick at Torque Grip
- 3X the chemical and puncture resistance of a comparable thickness latex or vinyl glove

Item#	Description
12896	Mamba Torque Grip Gloves - 100 Box Small
12897	Mamba Torque Grip Gloves - 100 Box Medium
12898	Mamba Torque Grip Gloves - 100 Box Large
12899	Mamba Torque Grip Gloves - 100 Box X-Large

BLACK MAMBA NITRILE GLOVES

Features & Benefits:

- Made with a patented NITREX® polymer
- Over 6.0 mil thick
- 3X the chemical and puncture resistance of a comparable thickness latex or vinyl glove

Item#	Description
12888	Black Mamba Nitrile Gloves/Small
12889	Black Mamba Nitrile Gloves/Medium
12890	Black Mamba Nitrile Gloves/Large
12891	Black Mamba Nitrile GlovesX-Large

BLUE MAMBA NITRILE GLOVES

Features & Benefits:

- Made from heavy duty professional-grade latex
- Thickness of an incredible 5.75 mil
- Lighter color makes it easier to see certain chemicals and solvents

Item#	Description
12892	Blue Mamba Nitrile Gloves/Small
12893	Blue Mamba Nitrile Gloves/Medium
12894	Blue Mamba Nitrile Gloves/Large
12895	Blue Mamba Nitrile GlovesX-Large

WELDING SHIELDS

14315

14316

DELUXE WELDERS HAND HELD FACE SHIELD

This easy hand held shield is ergonomically designed with a hand hole large enough to fit a gloved hand. It is light weight and can fit in either hand.

The viewing area is 2" x 4 1/4" with a shade 10 lens and cover plate. Ideal for small jobs or as protection when other people are welding. Meets ANSI Z87.1-1989 and CSA-Z94.3-92 SEI Certified

Item#	Description	Pkg. Qty.
14315	Hand Held Welding Shield	1

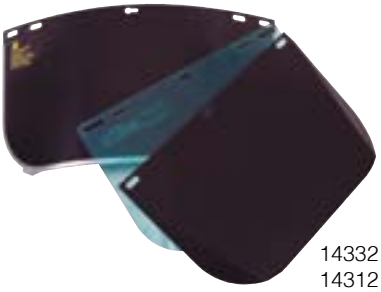
ECONOMY WELDERS HAND HELD FACE SHIELD

Easy, economical hand held shield is an inexpensive way to protect yourself on small welding jobs.

The viewing area is 2" x 4 1/4" with a shade 9 lens and cover plate. Ideal for small jobs or as protection when other people are welding. Meets ANSI Z87.1-1989 and CSA-Z94.3-92 SEI Certified

Item#	Description	Pkg. Qty.
14316	Economy Hand Held Welding Shield	1

14319



14332
14312
14313

GRINDING SHIELD

These grinding shields are designed for use while using various power tools. Protects from harmful exposure to dangerous wheels and flying debris.

Item#	Description	Pkg. Qty.
14317	Clear Pinlock Headgear 8" x 12"	1
14318	Green Pinlock Headgear 8" x 12"	1
14319	Clear Ratchet Headgear 8" x 15 1/2"	1
14320	Green Ratchet Headgear 8" x 15 1/2"	1

REPLACEMENT GRINDING SHIELD

Replacement face shield comes in 8" x 12" or 8" x 15 1/2" and made from plastic.

Item#	Description	Pkg. Qty.
14312	Clear 8" x 12"	1
14313	Green 8" x 12"	1
14310	Clear 8" x 15 1/2"	1
14311	Green 8" x 15 1/2"	1
14331	Clear 8" x 15 1/2" w/ Metal Rim	1
14332	Green 8" x 15 1/2" w/ Metal Rim	1

HEADGEAR

14333

14314

14117

REPLACEMENT HEADBAND AND HEADGEAR

Headband will work on item #14317 - #14320 welding shields.

Item#	Description	Pkg. Qty.
14314	Comfortable Headband Cover	1
14333	Visor Headband Ratchet Headgear (no shield)	1
14334	Visor Headband Pinlock Headgear (no shield)	1

PIN HEADGEAR

This headgear has a pin type adjustment for headband and crown strap. Use with item number #14101-14105, #14109, 14112.

Also works with all Sellstrom helmets.

Item#	Description	Pkg. Qty.
14117	Pin Headgear - Crown and Headband	1

14118

14119

RATCHET HEADGEAR

This headgear has a ratchet type adjustment for headband and pin type for crown strap. Use with item #14101-14105, 14109, 14112.

Also works with all Sellstrom helmets.

Item#	Description	Pkg. Qty.
14118	Ratcheting Headgear	1

RATCHET HEADGEAR

This headgear is made from pliable, long lasting plastic that won't stiffen. Straps are easy adjusting for head size and crown fit. There are pivot points for the helmet that are extended from the headband to eliminate pressure on sides of the head.

Item#	Description	Pkg. Qty.
14119	Headgear-Ratcheting for Jackson/Morsafe	1
14120	Headgear-Universal Ratcheting for Off-Shore Helmets	1
14142	Replacement Headgear for Shark Graphic Helmets	1
14278	Replacement Headgear for Shark 14272	1

WELDING SAFETY GOGGLES

14306

50MM STATIONARY ACETYLENE GOGGLES

Made from soft vinyl that forms to the head. Six vents prevent fogging. Goggles have a 50 mm, #5 lens and a pit resistant cover lens.

Item#	Pkg. Qty.
14306	1

14307

50MM FLIP-UP OXY-ACETYLENE GOGGLES

Made from soft vinyl that forms to the head. Six vents prevent fogging. Goggles have a 50 mm, #5 flip-up lens and a pit resistant cover lens.

Item#	Pkg. Qty.
14307	1

14308

BOX STYLE STATIONARY ACETYLENE GOGGLES

Made from soft vinyl that forms to the head. Six vents prevent fogging. Goggles have a 2" x 4 1/4", #5 lens and a pit resistant cover lens. Rectangle shape designed to be worn over regular eyeglasses or with a magnifying lens.

Item#	Pkg. Qty.
14308	1

14309

BOX STYLE FLIP-UP ACETYLENE GOGGLES

Made from soft vinyl with a 2" x 4 1/4", #5 flip-up lens and air vents to prevent fogging.

Item#	Pkg. Qty.
14309	1

14302

EYE CUP GOGGLES

These 50 mm goggles are heat treated, #5 shade lenses. Easily folds up to carry in your pocket.

Item#	Pkg. Qty.
14302	1

14305

CUP STYLE ACETYLENE GOGGLES

Made from soft vinyl with #5 heat treated lenses on this aviator shaped goggle. Air vents to prevent fogging. Designed to be worn over regular eyeglasses.

Item#	Pkg. Qty.
14305	1

SAFETY GOGGLES/GLASSES*

14300

CLEAR PLASTIC GOGGLES

Goggles fit over regular eyeglasses and are perforated for good ventilation. Good for use as general purpose safety protector in industry, workshop, farming and sports.

Item#	Pkg. Qty.
14300	1

14303

FOG-FREE VENTED GOGGLES

Made for easy viewing, ventilation and comfort. The acetate lens conforms to the eye area for a light-tight seal. Can be used over glasses.

Item#	Pkg. Qty.
14303	1

14301

LIGHT GREEN PLASTIC GOGGLES

Lens is light green shaded with clear sides. Not for oxy-acetylene welding.

Item#	Pkg. Qty.
14301	1

14329

CAMOUFLAGE GOGGLES

Camouflage goggles! Lens is dark green #5 shade for protection. Comfort head strap has velcro closure.

Item#	Pkg. Qty.
14329	1

14330

ELASTIC HEADBAND FOR GOGGLES

Adjustable, replacement headband for many type of goggles.

Item#	Pkg. Qty.
14330	4

14338

PROTECTIVE GLASSES

These clear, stylish wrap-around design frame glasses have a curved lens for a snug, secure fit. Durable/scratch-resistant. ANSI Z87.1

Item#	Pkg. Qty.
14338	1

*Not for any welding use.

SAFETY GLASSES*

14339

COMFORT DESIGNED SAFETY GLASSES

Innovative frame design fits all face shapes. Impact and scratch resistant lens. UV400 coating & ANSI Z87.

Item#	Shade	Pkg. Qty.
14339	Clear	1

14342

FASHIONABLE GLOSS FINISH SAFETY GLASSES

Curve style safety glasses with two piece anti-scratch PC lens. Rubber leg foot and nose bridge. UV400 coating & ANSI Z87.1

Item#	Shade	Pkg. Qty.
14342	Clear	1

14344

14343

FRAMELESS SAFETY GLASSES

Economical fashionable light weight frameless style safety glasses with slim temple leg and soft rubber temple cover. ANSI Z87.1 + CE EN 166.

Item#	Shade	Pkg. Qty.
14343	Smoked	1
14344	Clear	1

14321

14322

PROTECTIVE TRI-SHIELD GLASSES

Glasses have a top and flat folding side shield with a polycarbonate safety lens.

Item#	Shade	Pkg. Qty.
14321	Clear	1
14322	#5 Green	1

14323

21ST CENTURY PROTECTIVE GLASSES

Glasses have a flat folding side shield with a safety lens.

Item#	Shade	Pkg. Qty.
14323	#3 Green	1
14324	#5 Green	1

14327

PROTECTIVE TRI-SHIELD GLASSES

Clear visitor safety glasses are inexpensive, one-size-fits-all glasses that will easily fit over regular eyeglasses.

Item#	Type	Shade	Pkg. Qty.
14327	Visitor	Clear	1
14328	Visitor	Smoke	1

*Not for any welding use.

EAR/AIR PROTECTION

14425

14422 14463

NOISE PROTECTION EAR MUFFS

Comfortable and lightweight ear muffs with a self-aligning adjustable strap. For maximum protection and safety from the worst levels of noise. Also has self-aligning ear cups.

Can be used for most common levels of industrial noise.

Item#	Pkg. Qty.
14425	1

REUSABLE EAR PLUGS

Comfortable ear plugs with or without neck string.

Item#	Description	Pkg.Qty.
14422	Ear plugs with neck string in box	1 pair
14423	Ear plugs in plastic box-Medium	1 pair
14424	Ear plugs in plastic box-Large	1 pair
14463	Disposable Ear Plugs	12 pair

HALF MASK RESPIRATORS

Half Mask respirator comes with either a metal fume cartridge for welding or a cartridge set-up for paint fume protection.

Item#	Description	Pkg.Qty.
14416	Paint Fume Respirator	1
14417	Welding Fume Respirator	1
14418	Paint Fume Replacement Cartridge	2
14419	Welding Fume Replacement Cartridge	2
14421	Welding Fume Replacement White Filters	10

MASKS/EYE WASH STATION/HARD HATS

14426

14428

CUSTOM FIT DUST MASKS

Masks are made from an extremely absorbent filter material and are lightweight. Metal tab to secure tightly to your nose. Use for lab work, grinding, sanding and dusty work areas. Not for use when toxic fumes or other harmful dust is present.

Item#	Old#	Pkg. Qty.
14426	80-10	10
14427	80	50/bx.

ACID RESISTANT DUST MASKS

NIOSH approved N95 Valved Particulate Mask with 95% filtration. Effective against particulate aerosols free of oils.

Item#	Description	Pkg. Qty.
14428	Valved respirator	10

14432

GRAVITY FEED PORTABLE EYE WASH STATION

This SEI Certified 16 gallon eye wash unit comes with a zinc plated steel wall mounting bracket, drain hose and one bottle of Redi-Sep bacteriostatic additive with test log card. Flow activates in less than 1 second. Unit weighs only 16 lbs and has a flow duration of over 15 minutes at a rate of .4 gallons per minute

Item#	Description	Pkg. Qty
14432	16 gallon unit with bottle of Redi-Sep	1
14433	8 oz. bottle of Redi-Sep	1
14435	Dust Cover for 16 gallon Station	1

14439

14448

14440

14441

HARD HATS

For maximum protection from electrical hazards or general impact and penetration protection. Meets ANSI Z89.2 regulations and CS-22. ABS or HDPE material. Woven Band or Ratcheting Suspension. Hats and headgear sold separately.

Item#	Description	Pkg.Qty.
14438	Red HDPE Shell No Headgear	1
14439	Yellow ABS Shell No Headgear	1
14448	White ABS Shell No Headgear	1
14440	Woven Suspension & Headgear-Medium	1
14441	PE suspension Headgear-Medium	1
14442	Chin Strap (not shown)	1

LINED LEATHER WELDING GLOVES

14402

BROWN LEATHER WELDING GLOVES

Brown leather welding gloves. Protect against sparks, hot metal and slag.

Item#	Size	Pkg.Qty.
14402	Large	1

14401

GREY ECONOMY LEATHER WELDING GLOVES

These 15 1/2" long gloves are heavy duty, heat resistant and have a gauntlet for protection. They offer average protection while welding. Protects against sparks and hot metal.

Item#	Size	Pkg.Qty.
14401	Large	1

14403

BLUE DELUXE WELDING GLOVES

These 15 1/2" long gloves are superior quality. They have a fully lined interior to insulate against heat and have a gauntlet for protection. One piece back is made of shoulder split leather.

Item#	Size	Pkg.Qty.
14403	Large	1

14525

BLUE EXTRA HEAVY DUTY GLOVES

This top-of the-line, Kevlar lined glove is 15 1/2" long. The gun cut with wing thumb construction offers you extra life. These 2-toned welding gloves are extra thick for added protection when you need it while welding or moving hot items.

Item#	Size	Pkg.Qty.
14525	Large	1

LEATHER WELDING/WORK GLOVES

14404

14400

LEATHER WELDING GLOVES

These deluxe red thermal lined gloves protect against sparks, hot metal and slag. Gun cut with wing thumb, lock stitch construction has a one-piece back and are 16" long. Made with shoulder split leather, these are our better gloves.

Item#	Size	Pkg. Qty.
14404	Large	1

TIG GLOVES

These premium leather gloves are made of top grain leather. They will withstand moisture, unlined for maximum dexterity and are 14" long.

Item#	Size	Pkg. Qty.
14400	Large	1

14414

14399

14415

LEATHER WORK/ DRIVER GLOVES

These gloves are made of select, side split cowhide. Gloves are lightweight, soft and pliable. 9" Length.

Item#	Size	Pkg. Qty.
14414	Large	1

TWO-TONE GOAT/SHEEP SKIN DRIVER GLOVES

Driver glove made of goat/sheep skin and a heavy duty spandex material on the top for comfort.

Item#	Size	Pkg. Qty.
14399	Large	1

LEATHER PALMED ECONOMY WORK GLOVES

Shoulder split cowhide on palms, thumb and index finger. Gun cut with cotton band and back.

Item#	Size	Pkg. Qty.
14415	Large	1

WELDING APPAREL

14519

PROTECTIVE LEATHER WELDING SLEEVES

These 18" slide on leather sleeves have an elastic cuff and an adjustable tab at the bicep. Great for forearm protection while welding as well as working in the yard cutting prickly bushes, and other situations where arm protection is required.

- **Welding/Work Sleeves**
- **100% Cowhide Leather**
- **18" Length**
- **Elastic Cuff with Adjustable Biceps**
- **Heat Resistant**
- **Good for Over-Head Welding**

Item#	Description	Pkg.Qty.
14519	Leather welding/work sleeves	1 Pair

14520

14524

LEATHER WELDING JACKET

Leather is the best form of protection when it comes to Welding. Exceptionally good when welding overhead, our top quality grain leather jackets will offer an extended life protection over sateen. Available in sizes from Large to 3-XL, these jackets are comfortable and easy to wear.

Item#	Size	Pkg. Qty.
14520	Large	1
14521	X-Large	1
14522	XX-Large	1
14523	XXX-Large	1

LEATHER WELDING APRON

Our quality top grain leather welding apron will afford you protection when and where you need it. Available in large, the ties are long enough to fit most sizes.

Item#	Size	Pkg.Qty.
14524	Large	1

WELDING APPAREL

WELDING JACKET

14503

Jacket is 30" long and is made from green 9 oz. fire resistant 100% sateen cotton with a snap front, full length sleeves that have a snap cuff and a stand up collar.

Item#	Size	Pkg.Qty.
14503	Large	1
14504	X-Large	1
14505	XX-Large	1
14510	XXX-Large	1

WELDING APRON

14500

Apron Material is green 9 oz. fire resistant 100% sateen cotton and has standard sewn ties.

Item#	Size	Pkg.Qty.
14500	Large	1
14501	X-Large	1
14502	XX-Large	1
14511	XXX-Large	1

WELDER'S CAPE SLEEVE WITHOUT BIB

Cape sleeves are made from green 9 oz. fire resistant 100% sateen cotton with a snap front. Full length sleeves have a snap cuff and a stand up collar.

Item#	Size	Pkg.Qty.
14506	Large	1
14507	X-Large	1
14508	XX-Large	1

WELDER'S BIB

This 20" long, 100% sateen cotton bib is made to snap on to the cape sleeves for lower body protection while welding.

Item#	Size	Pkg.Qty.
14509	Large	1

WELDING APPAREL

ASSORTED WELDING HATS

14452

14455

14458

14468

Made of breathable cotton, these hats will offer protection with their wide, soft brims. Available in popular prints and colors.

Item#	Description	Size	Pkg. Qty.
14452	Red – Polka Dot	7 1/4"	1
14453	Red – Polka Dot	7 3/8"	1
14454	Red – Polka Dot	7 1/2"	1
14455	Green – Polka Dot	7 1/4"	1
14456	Green – Polka Dot	7 3/8"	1
14457	Green – Polka Dot	7 1/2"	1

Item#	Description	Size	Pkg. Qty.
14458	Assorted Wild Prints	7 1/4"	1
14459	Assorted Wild Prints	7 3/8"	1
14460	Assorted Wild Prints	7 1/2"	1
14466	Camo Print	7 1/4"	1
14467	Camo Print	7 3/8"	1
14468	Camo Print	7 1/2"	1

14461

BLACK QUILTED SKULL CAP

This flat crowned, firm brimmed hat is quilted and perfect for welding.

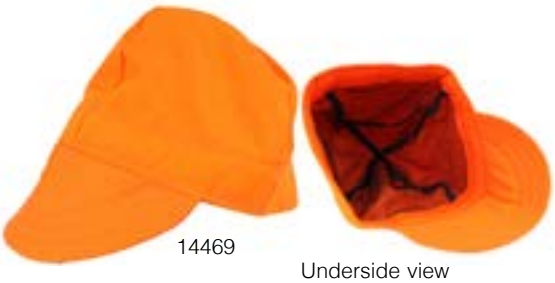
Item#	Size	Pkg. Qty.
14461	7 1/4"	1

14450

BLACK COTTON WELDING BEANIES

Black cotton welding beanie for light weight protection under your helmet when a brim is not required.

Item#	Size	Pkg. Qty.
14450	Large	1
14451	Extra Large	1


14469
Underside view

ORANGE WELDING HAT

This hat provides lightweight protection, while also remaining breathable. One size fits all!

- Washable
- Cotton flame-retardant fabric
- Breathable mesh lining
- Wide brim

Item#	Description	Pkg. Qty.
14469	Cotton mesh-lined hat	1

WELDING SCREENS

WELDER'S STUR-D-SCREEN

Square steel tubing adds stability and support to this special orange heavy duty vinyl welding screen. Provides 100% of far U.V. Radiation and 100% of Blue Light protection. Portable, light weight design makes this an easy product to use and transport.

Item#	Size	Weight
14443*	6' High x 4' Wide	23 lbs.
14866*	6' High x 6' Wide	27 lbs.
14868*	6' High x 8' Wide	31 lbs.

*The item number represents only a single panel.

12255

12394

WELDING BLANKETS

These fiberglass and silicone welding blankets afford spark and molten metal protection.

Offered in a variety of sizes and materials, they allow for different working temperature ranges of up to 1500 degrees Fahrenheit.

Item#	Old#	Description	Working Temperature	Size	Pkg. Qty.
12395	906-46	Vermiculite Coated Fiberglass Blanket - Single Layer, 25 oz.	1500° F	4' x 6'	1
12396	906-66	Vermiculite Coated Fiberglass Blanket - Single Layer, 25 oz.	1500° F	6' x 6'	1
12398	640-46	Vermiculite Coated Fiberglass Blanket - Double Layer, 50 oz.	1500° F	4' x 6'	1
12399	640-66	Vermiculite Coated Fiberglass Blanket - Double Layer, 50 oz.	1500° F	6' x 6'	1
12255		Silicone Coated Fiberglass Welding Blanket - Single Layer with Pocket	500° F	38" x 24"	1
12394		Black Carbon Fiber Welding Blanket	3000° F	54" x 60"	1

PAINT PENS

- Most durable nib in the industry
- Marks won't chip, peel, fade or rub off
- Precision valve accurately meters flow
- Twelve pens per box (one color per box)
- Marks on metal, plastic, glass, wood, etc.
- Withstands temperatures in excess of -50°F - 150°F / -46°C - 66°C
- Easily writes on any surface: porous or non-porous, rough or smooth, wet, oily or dry
- Made in the USA

NEW! PAINT PENS IN CLAMSHELL PACKAGING

Item#	Description
16510	White
16511	Black
16512	Blue
16513	Red
16514	Yellow
16515	Green
16516	Silver
16517	Orange

16515

PAINT PENS

- Must be purchased in quantities of 12
- One color per box

Item#	Description
16501	White
16502	Black
16503	Blue
16504	Red
16505	Yellow
16506	Green
16507	Silver
16508	Orange

16502

PAINT PENS - DISPLAY BOX (HOLDS 48)

- Attractive display
- Paint Pens sold separately
- Free with purchase of 48 pens

16500
(box only)

VICTOR STYLE WELDING & CUTTING KITS W/BUILT-IN FLASH BACK ARRESTORS

250 BASIC VICTOR STYLE MEDIUM DUTY WELDING & CUTTING KIT

12402

This medium duty kit with toolbox case was designed for the craftsman or mechanic. Welds up to 5/64" thick or up to 1 1/4" with optional nozzles. Cuts up to 1/2" thick with supplied tip or up to 5" with optional cutting tips. Includes a larger welding handle than the light duty kit, #0 welding tip, larger cutting attachment and 0-3-101 cutting tip, medium duty oxygen and acetylene regulators, 1/4" x 15′ twin hose, goggles and striker. Built-in flash back arrestors for added safety!

Dimension: 20" x 10 1/2" x 10 1/2" • Weight: 16 lbs.

Item#	Description	Pkg. Qty.
12402	**Total Kit with Hose**	1
12577	#0 Cutting Tip cuts up to 1/2"	1
12599	#0 Welding Tip	1
12490	Medium Duty Cutting Attachment	1
12491	Medium Duty Torch Handle	1
12459	Single Stage 250 Oxygen Regulators	1
12460	Single Stage 250 Acetylene Regulators	1
12237	Striker	1
12242	Tip Cleaner	1
14302	Goggles	1
	1/4" x 15' Twin Hose**	1

**Reorder 12270 hose which is 1/4" x 25'. 15' not available as regular number.

250 DELUXE VICTOR STYLE MEDIUM DUTY WELDING & CUTTING KIT

INCLUDES ADDITIONAL ROSEBUD TIP AND 2 WELDING TIPS

12403

This Victor comparable kit with toolbox case was designed for automotive or construction use. Welds up to 1/4" thick up to 1 1/4" with optional nozzles. Cuts up to 1/2" thick - or 6" with optional cutting tips. Includes a medium duty torch handle. #0, #2, and #4 welding nozzle, medium duty cutting attachment and medium duty oxygen and acetylene regulators, 1/4" x 15′ twin hose, goggles and striker complete the kit. Compared to the basic kit #12402, this includes an additional rosebud tip and 2 welding tips. Built-in flash back arrestors for added safety!

Dimension: 20" x 10 1/2" x 10 1/2" • Weight: 17 lbs.

Item#	Description	Pkg. Qty.
12403	**Total Kit with Hose**	1
12577	#0 Cutting Tip cuts up to 1/2"	1
12599	#0 Welding Tip	1
12601	#2 Welding Tip	1
12603	#4 Welding Tip	1
12604	#6 Heating Rosebud	1
12490	Medium Duty Cutting Attachment	1
12491	Medium Duty Torch Handle	1
12459	Single Stage 250 Oxygen Regulators	1
12460	Single Stage 250 Acetylene Regulators	1
12237	Striker	1
12242	Tip Cleaner	1
14302	Goggles	1
	1/4" x 15' Twin Hose**	1

**Reorder 12270 hose which is 1/4" x 25'. 15' not available as regular number.

350 VICTOR STYLE HEAVY DUTY KIT

This heavy duty Victor-Journeyman compatible kit with toolbox case was designed for industrial or commercial use. Welds up to 1/2" (3" capability with optional nozzles). Cuts up to 3/4" thick with supplied #1 tip or up to 8" with optional cutting tips. Includes a larger welding handle than the medium duty kit, #1, #3 and #5 welding nozzles included. Heavy duty regulators, 1/4" x 15′ twin hose, goggles and striker complete the kit. Built-in flash back arrestors for added safety!

12401

Dimension: 24" x 12" x 10" • Weight: 28 lbs.

Item#	Description	Pkg. Qty.
12401	**Total Kit with Hose**	1
12555	#1 Cutting Tip cuts up to 3/4"	1
12570	#1 Welding Tip	1
12572	#3 Welding Tip	1
12670	#5 Welding Tip	1
12574	#8 Heating Rosebud	1
12671	Heavy Duty Torch Handle	1
12672	Heavy Duty Journeyman Style Cutting Attachment	1
12443	Heavy Duty Oxygen Regulators	1
12444	Heavy Duty Acetylene Regulators	1
12237	Striker	1
14302	Goggles	1
	1/4" x 15' Twin Hose**	1

**Reorder 12270 hose which is 1/4" x 25'. 15' not available as regular number.

OXYGEN-ACETYLENE TOTE KIT

This super range compatible kit welds up to 3/16" (expandable to 1 1/4") and cuts up to 1/2" (6" with optional tips). Designed for portability, this medium to light weight outfit allows you to take the torch to the job. Includes everything except the gas. Made in Taiwan.

Weight: 37 lbs.

Item#	Description	Pkg. Qty.
12411	**Tote with Cylinders**	1
12491	260C Series Torch Handle	1
12490	250 Series Cutting Attachment	1
12599	#0 Welding Nozzle up to 3/16"	1
12577	#0 Cutting Tip Cuts to 1/2"	1
12470	Light Duty Oxygen Regulators (CGA540)	1
12471	Light Duty Acetylene Regulators (CGA200)	1
12263	3/16" x 12.5' Dualine Hose	1
12237	Striker	1
14302	Shade #5 Goggles	1

(Cylinders Shipped Empty)

12411

AIRCO/HARRIS WELDING & CUTTING TIPS

12502

12504

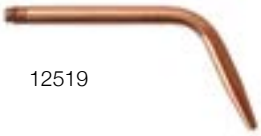
12509

12513

AIRCO STYLE CUTTING TIPS

Available in 2 types of tips. Both tips have a medium preheat and are used for general cutting. The Acetylene tip is a 144 series and the Propane/Natural Gas is a 261 series.

Item#	Tip Size	Type	Series	Pkg. Qty.
12500	0	Acetylene	144	1
12501	1	Acetylene	144	1
12502	2	Acetylene	144	1
12503	3	Acetylene	144	1
12504	1	Propane/Natural Gas	261	1



12519

HARRIS STYLE ACETYLENE WELDING TIP

This elbow style is a 23-A-90 series and is used with the E-43 mixer.

Item#	Tip Size	Type	Pkg. Qty.
12518	0	Acetylene	1
12519	1	Acetylene	1
12520	2	Acetylene	1
12521	3	Acetylene	1

12525

HARRIS STYLE OXY-ACETYLENE MIXER

This mixer is an E-43 series and is used with the 23-A-90 elbow.

Item#	Type	Series	Pkg. Qty.
12525	Oxy-Acetylene	E-43	1

HARRIS STYLE CUTTING TIPS

Available in 2 types of tips. Both tips have a medium preheat and are used for general cutting. The Acetylene tip is a 6290 series and the Propane/Natural Gas is a 6290-NX series. Fits a Harris model 85 torch handle.

Item#	Tip Size	Type	Series	Pkg. Qty.
12505	000	Acetylene	6290	1
12506	00	Acetylene	6290	1
12507	0	Acetylene	6290	1
12508	1	Acetylene	6290	1
12509	2	Acetylene	6290	1
12510	3	Acetylene	6290	1
12511	4	Acetylene	6290	1
12512	00	Propane/Natural Gas	6290-NX	1
12513	0	Propane/Natural Gas	6290-NX	1
12514	1	Propane/Natural Gas	6290-NX	1
12515	2	Propane/Natural Gas	6290-NX	1
12516	3	Propane/Natural Gas	6290-NX	1
12517	4	Propane/Natural Gas	6290-NX	1

ACETYLENE/OXYGEN EASY SIZE CHART

Metal Thickness	Tip Size	Pressures: ACT	Oxygen
1/8"	0	3-5	20-25
1/4"	00	3-5	20-25
3/8"	0	3-5	25-35
1/2"	0	3-5	30-35
3/4"	1	3-5	30-35
1"	2	3-5	35-40
2"	3	4-8	40-45

MARQUETTE/PUROX/SMITH CUTTING TIPS

12528

12530

MARQUETTE STYLE STAR JET CUTTING TIP

This one piece, medium duty tip is made from solid copper and has a slip-in design. The seat is tapered for a positive gas seal and has four preheat holes to ensure efficient cutting results. Tip has a medium preheat.
General purpose tip.

Item#	Tip Size	Type	Series	Pkg. Qty.
12527	1	Acetylene	GW4	1
12528	3	Acetylene	GW4	1
12529	4	Acetylene	GW4	1

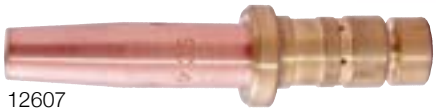
MARQUETTE STYLE STAR JET CUTTING TIP

This one piece, heavy duty tip is made from solid copper and has a slip-in design. The seat is tapered for a positive gas seal and has six preheat holes for fast starting and cutting. Tip has a heavy preheat. **General purpose tip**.

Item#	Tip Size	Type	Series	Pkg. Qty.
12530	2	Acetylene	GW6	1

12532

12538


12607

PUROX STYLE CUTTING TIPS

This cutting tip is a 4202 series with medium heat.
General purpose tip.

Item#	Tip Size	Type	Series	Pkg. Qty.
12532	3	Acetylene	4202	1
12533	4	Acetylene	4202	1
12534	5	Acetylene	4202	1
12535	7	Acetylene	4202	1

SMITH STYLE CUTTING TIPS

Available in 2 types of tips. Both tips have a medium preheat and are used for general cutting. The Acetylene tip is a SC12 series and the Propane/Natural Gas tip is a SC40 series.

Item#	Tip Size	Type	Series	Pkg. Qty.
12536	00	Acetylene	SC12	1
12537	0	Acetylene	SC12	1
12538	1	Acetylene	SC12	1
12539	2	Acetylene	SC12	1
12540	3	Acetylene	SC12	1
12541	4	Acetylene	SC12	1
12606	00	Propane/Natural Gas	SC40	1
12607	0	Propane/Natural Gas	SC40	1
12608	1	Propane/Natural Gas	SC40	1
12609	2	Propane/Natural Gas	SC40	1
12610	3	Propane/Natural Gas	SC40	1
12611	4	Propane/Natural Gas	SC40	1

CUTTING/GOUGING TIP/NOZZLES

12543
Acetylene

12548
Propane & Natural Gas

12556
Acetylene

12562
Propane & Natural Gas

SMITH STYLE CUTTING TIPS

Available in 2 types of tips. Both tips have a medium preheat and are used for general cutting. The Acetylene tip is a MC12 series and the Propane/Natural Gas is an MC40 series.

Item#	Tip Size	Type	Series	Pkg. Qty.
12542	0	Acetylene	MC12	1
12543	1	Acetylene	MC12	1
12544	2	Acetylene	MC12	1
12545	3	Acetylene	MC12	1
12546	4	Acetylene	MC12	1
12547	0	Propane/Natural Gas	MC40	1
12548	1	Propane/Natural Gas	MC40	1
12549	2	Propane/Natural Gas	MC40	1
12550	3	Propane/Natural Gas	MC40	1
12551	4	Propane/Natural Gas	MC40	1

VICTOR STYLE CUTTING TIPS

Available in 2 types of tips. Both tips have a medium preheat and are used for general cutting. The Acetylene tip is a 1-101 series and the Propane/Natural Gas is an GPN series.

Item#	Tip Size	Type	Series	Pkg. Qty.
12552	000	Acetylene	1-101	1
12553	00	Acetylene	1-101	1
12554	0	Acetylene	1-101	1
12555	1	Acetylene	1-101	1
12556	2	Acetylene	1-101	1
12557	3	Acetylene	1-101	1
12558	4	Acetylene	1-101	1
12559	0	Propane/Natural Gas	GPN	1
12560	1	Propane/Natural Gas	GPN	1
12561	2	Propane/Natural Gas	GPN	1
12562	3	Propane/Natural Gas	GPN	1
12563	4	Propane/Natural Gas	GPN	1

12565

12569

VICTOR STYLE ACETYLENE GOUGING TIPS

This is a 1-118 series gouging tip. Used for general purpose gouging, scarfing, weld removal, plate gouging and rivet removal.

Item#	Tip Size	Type	Series	Pkg. Qty.
12564	0	Acetylene	1-118	1
12565	2	Acetylene	1-118	1
12566	4	Acetylene	1-118	1

VICTOR STYLE ACETYLENE WELDING NOZZLE

This is a complete Type W series assembly with mixer. Used for general purpose welding-and preheating.

Item#	Tip Size	Type	Series	Pkg. Qty.
12567	000	Acetylene	Type W	1
12568	00	Acetylene	Type W	1
12569	0	Acetylene	Type W	1
12570	1	Acetylene	Type W	1
12571	2	Acetylene	Type W	1
12572	3	Acetylene	Type W	1
12573	4	Acetylene	Type W	1

TIPS/HEATING/ROSEBUDS/NOZZLES

12578

12591

VICTOR STYLE CUTTING TIPS

Available in 2 types of tips. Both tips have a medium preheat and are used for general cutting. The Acetylene tip is a 3-101 series and the Propane/Natural Gas is a 3-GPN series.

Item#	Tip Size	Type	Series	Pkg. Qty.
12575	000	Acetylene	3-101	1
12576	00	Acetylene	3-101	1
12577	0	Acetylene	3-101	1
12578	1	Acetylene	3-101	1
12579	2	Acetylene	3-101	1
12580	3	Acetylene	3-101	1
12581	4	Acetylene	3-101	1
12582	5	Acetylene	3-101	1
12583	6	Acetylene	3-101	1
12585	00	Propane/Natural Gas	3-GPN	1
12586	0	Propane/Natural Gas	3-GPN	1
12587	1	Propane/Natural Gas	3-GPN	1
12588	2	Propane/Natural Gas	3-GPN	1
12589	3	Propane/Natural Gas	3-GPN	1
12590	4	Propane/Natural Gas	3-GPN	1

VICTOR STYLE ACETYLENE WELDING TIPS

This elbow style, ET series tip replaces the W series. Used for general purpose welding and preheating.

Item#	Tip Size	Type	Series	Pkg. Qty.
12591	000	Acetylene	ET	1
12592	00	Acetylene	ET	1
12593	0	Acetylene	ET	1
12594	1	Acetylene	ET	1
12595	2	Acetylene	ET	1
12596	3	Acetylene	ET	1

12600

VICTOR STYLE ACETYLENE WELDING NOZZLES

This W-1 series is complete with tip and mixer. Used for general purpose welding and preheating.

Item#	Tip Size	Type	Series	Pkg. Qty.
12597	000	Acetylene	W-1	1
12598	00	Acetylene	W-1	1
12599	0	Acetylene	W-1	1
12600	1	Acetylene	W-1	1
12601	2	Acetylene	W-1	1
12602	3	Acetylene	W-1	1
12603	4	Acetylene	W-1	1

12574

12605

VICTOR STYLE ACETYLENE HEATING ROSEBUD ASSEMBLY

This heating rosebud assembly is a MFA series. Used for general purpose heating, bending and straightening.

Item#	Tip Size	Type	Series	Pkg. Qty.
12574	8	Acetylene	MFA	1

VICTOR STYLE ACETYLENE ROSEBUD

This rosebud assembly is a MFA-1 series. Used for general purpose heating, bending and straightening.

Item#	Tip Size	Type	Series	Pkg. Qty.
12604	6	Acetylene	MFA-1	1
12605	8	Acetylene	MFA-1	1

TORCH LINERS/NOZZLES

MIG WELDER TORCH LINERS

12854

Item No.	Style	Fits Marquette	Size.
12854	Steel	M12205 M12206 M12207 M12209 M12210	15 Ft.

12855

FIREPOWER MIG GUN NOZZLES

Item#	Model No.	Size	Pkg. Qty.
FOR 180 AMP GUNS			
12855	FP21-37	3/8" Bore	1
12856	FP21-50	1/2" Bore	1
12857	FP21-62	5/8" Bore	1
12858	FP21-62FAS	5/8" Bore-Arc Spot	1
FOR 250 AMP GUNS			
12866	FP22-50	1/2" Bore	1
12867	FP22-62	5/8" Bore	1
12868	FP22-62FAS	5/8" Bore-Arc Spot	1
FOR 400 AMP GUNS			
12870	FP24A-50	1/2" Bore	1
12871	FP24A-62	5/8" Bore	1
12872	FP22A-62FAS	5/8" Bore-Arc Spot	1

SPOT WELD NOZZLES

12859

Item#	OEM	Fits Marquette	Size
12859	Binzel	M12179 M12180 M12183	3/8" (16mm)
12848	Binzel	M12179 M12180 M12183	1/2" (12mm)
12849	Binzel	M12204 M12205 M12206 M12207 M12209	5/8" (16mm)
12850	Binzel	M12210 M12209	3/4" (20mm)
12851	Tweco	M12175 M12185 M121801	5/8" (16mm)
12879	MillerMatic	185-M25 Torch	1/2" (12mm)
12880	MillerMatic	185-M15 Torch	1/2" (12mm)

TIPS

MIG WELDER CONTACT TIPS

Solid copper tips thread into diffusers. Match the tip to the wire size. **All tips packaged in 10 per pack.**

BINZEL & TWECO
STANDARD TIPS (10 PK)

For All Except M12210

12937

Item#	Tip Size	Size/I.D.
12937	.023	(.6mm)
12938	.030	(.8mm)
12939	.035	(.9mm)
12940	.040	(1mm)

BINZEL & TWECO
HEAVY DUTY TIPS (10 PK)

For M12210

12941

Item#	Tip Size	Size/I.D.
12941	.023	(.6mm)
12942	.030	(.8mm)
12943	.035	(.9mm)
12944	.040	(1mm)

BERNARD
STANDARD TIPS (10 PK)

12966

Item#	Tip Size	Size/I.D.
12964	.023	(.6mm)
12965	.030	(.8mm)
12966	.035	(.9mm)

HOBART
STANDARD TIPS (10 PK)

12967

Item#	Tip Size	Size/I.D.
12967	.023	(.6mm)
12968	.030	(.8mm)
12969	.035	(.9mm)

LINCOLN
STANDARD TIPS (10 PK)

12873

Item#	Tip Size	Size/I.D.
12873	.023	(.6mm)
12874	.030	(.8mm)
12875	.035	(.9mm)

MILLER
STANDARD TIPS (10 PK)

12877

Item#	Tip Size	Size/I.D.
12876	.023	(.6mm)
12877	.030	(.8mm)
12878	.035	(.9mm)

FIREPOWER 180 AMP
STANDARD TIPS (10 PK)

For All Except M12210

12976

Item#	Tip Size	Size/I.D.
12976	.023	(.031)
12977	.030	(.038)
12978	.035	(.044)
12979	.040	(.048)
12980	.045	(.054)

250/400 AMP GUNS
HEAVY DUTY TIPS (10 PK)

For M12210

12981

Item#	Tip Size	Size/I.D.
12981	.023	(.031)
12982	.030	(.038)
12983	.035	(.044)
12984	.040	(.048)
12985	.045	(.054)

CARBIDE BURS

SHARK OFFERS A COMPLETE LINE OF CARBIDE BURS

- Mini Carbide Burs
- Mini Carbide Bur Kits
- Cross References to other Brands
- Attractive Boxes for Kits

16000

ALUMA CUT

Aluma-Cut

Application:
Sometimes described as "Non-Ferrous" this bur is typically used on aluminum, plastics, brass, magnesium or lead.

Features:
Large flutes prevent loading of material or clogging up the flutes with the material you're removing.

DOUBLE CUT

Double

Application:
Sometimes described as "Super Cut" use this bur for general purpose stock removal or deburring of cast iron, steel or other ferrous materials.

Features:
The cross-cut look to the bur acts like rows of teeth producing a fast stock removal as well as offering better control of the work. Excellent in most applications.

DIAMOND CUT

Diamond

Application:
Typical applications include steel or cast iron where extremely aggressive cutting action is required.

Features:
Deep cross-cut pattern is excellent in tire applications as well as many other uses when cutting extremely hard metals, etc.

MINI CARBIDE BURS WITH 1/8" SHANKS

9 PIECE MINI BUR SET

This 1/8" shank mini carbide bur kit comes with 9 of the most popular shapes to meet all your smaller cutting needs.

16016 / BTM

Item#	Old#	IR#	Shape	Dia. Head	Flute Length	Cut
16016	**BTM**		**9 Piece Bur Kit**			
16020	BTM-1	SA51	Cylinder	1/4"	1/2"	Double
16021	BTM-2	SB51	End Cut Cylinder	1/4"	3/16"	Double
16019	BTM-3	SN51	Inverted Cone	1/4"	1/4"	Double
16025	BTM-4	SC51	Rose Nose Cylinder	1/4"	1/2"	Double
16026	BTM-5	SD51	Ball	1/4"	3/16"	Double
16023	BTM-6	SE51	Oval	1/4"	3/8"	Double
16018	BTM-7	SF51	Tree Radius	1/4"	1/2"	Double
16017	BTM-8	SG51	Tree Pointed	1/4"	1/2"	Double
16024	BTM-9	SM51	Cone	1/4"	5/8"	Double

CARBIDE BUR SETS

1/4" SHANK

These burs can be used to cut all types of steel, plastics, ferrous and machinable metals of all kinds. They are designed for use when deburring, removing metal, or enlarging holes and are for use with air tools and grinders. For best results do not put pressure on the burs. Always use protective eyewear when cutting with burs. All burs are double cut or aluma-cut as noted.

Item#	Old#	Description	Pkg. Qty.
16014	**BT5**	**5 Piece Bur Set**	
16000	BT14	1/4" Cylinder - Double Cut	1
16004	BT20	3/8" Ball Nose Cylinder - Double Cut	1
16010	BT40	3/8" Tree Radius - Aluma-Cut	1
16011	BT10	1/4" Tree Pointed - Double Cut	1
16022	BT27	1/2" Ball Nose Flame - Double Cut	1

BT10, BT14, BT20, BT27, BT40
16014 / BT5

Item#	Old#	Description	Pkg. Qty.
16015	**BT8**	**8 Piece Bur Set**	
16000	BT14	1/4" Cylinder - Double Cut	1
16004	BT20	3/8" Ball Nose Cylinder - Double Cut	1
16005	BT21	1/2" Ball Nose Cylinder - Double Cut	1
16007	BT33	1/2" Ball - Aluma-Cut	1
16010	BT40	3/8" Tree Radius - Aluma-Cut	1
16011	BT10	1/4" Tree Pointed - Double Cut	1
16012	BT24	3/8" Tree Pointed - Double Cut	1
16022	BT27	1/2" Ball Nose Flame - Double Cut	1

BT10, BT14, BT20, BT21, BT24, BT27, BT33, BT40
16015 / BT8

5-PIECE ALUMINUM BUR SET

Item#	Old#	Description	Pkg. Qty.
16027	**BT5A**	**5 Piece Aluminum Bur Set**	
16031	BT13	1/4" x 3/4" Cylinder Shape Diamond-Cut	1
16007	BT33	1/2" x 1/2" Ball Aluma-Cut	1
16039	BT35	1/2" x 1" Cylinder Shape Aluma-Cut	1
16040	BT36	1/2" x 7/8" Oval Aluma-Cut	1
16010	BT40	3/8" x 3/4" Tree Shaped Aluma-Cut	1

BT13, BT33, BT35, BT36, BT40
16027 / BT5A

CARBIDE BURS

1/4" SHANK

BT9 BT10 BT24 BT48 BT68

BT50 BT22 BT23 BT40 BT41 BT49

TREE-SHAPED POINTED CARBIDE BURS

Item#	Old#	IR#	Dia.	Flute Length	Overall Length	Cut
16028	BT9	IRSG-42	1/8"	5/8"	1 1/2"	Double
16011	BT10	IRSG-1	1/4"	5/8"	2"	Double
16012	BT24	IRSG-3	3/8"	3/4"	2 1/2"	Double
16046	BT48	IRSG-5	1/2"	1"	2 3/4"	Double
16076	BT68	IRSG-7	3/4"	1"	3"	Double

TREE-SHAPED RADIUS CARBIDE BURS

Item#	Old#	IR#	Dia.	Flute Length	Overall Length	Cut
16008	BT50	IRSF-1	1/4"	5/8"	2"	Double
16009	BT22	IRSF-3	3/8"	3/4"	2 1/2"	Double
16034	BT23	IRSF-5	1/2"	1"	3"	Double
16047	BT49	IRSF-1NF	1/4"	3/4"	2"	Aluma-Cut
16010	BT40	IRSF-3NF	3/8"	3/4"	2 3/4"	Aluma-Cut
16043	BT41	IRSF-5NF	1/2"	1"	3"	Aluma-Cut

BT52 BT25

CONE CARBIDE BURS

Item#	Old#	IR#	Dia.	Flute Length	Overall Length	Cut
16049	BT52	IRSM-4	3/8" - 28 deg.	3/4"	2 3/4"	Double
16035	BT25	IRSM-5	1/2" - 35 deg.	7/8"	2 3/4"	Double

BT26 BT27 BT28 BT54 BT55

BALL NOSED CONE (FLAME) CARBIDE BURS

Item#	Old#	IR#	Dia.	Flute Length	Overall Length	Cut
16013	BT26	IRSL-2	3/8"	1 1/16"	3"	Double
16022	BT27	IRSL-4	1/2"	1 1/8"	3"	Double
16036	BT28	IRSF-6	5/8"	1 5/16"	3 1/4"	Double
16068	BT54	IRSH-2NF	3/8"	3/4"	2 1/2"	Aluma-Cut
16069	BT55	IRSH-5NF	1/2"	1 1/4"	3 1/4"	Aluma-Cut

CARBIDE BURS
1/4" SHANK

BT11 BT13 BT14 BT15 BT16

CYLINDER-SHAPED CARBIDE BURS

Item#	Old#	IR#	Dia.	Flute Length	Overall Length	Cut
16029	BT11	IRSA-1 LEC	1/4"	5/8"	2"	Dble/End Cut
16031	BT13	IRSA-1 LDia.	1/4"	3/4"	2"	Diamond
16000	BT14	IRSA-1L	1/4"	3/4"	2"	Double
16032	BT15	IRSA-1LD	1/4"	1"	2"	Double
16001	BT16	IRSA-3	3/8"	3/4"	2 3/4"	Double
16002	BT17	IRSA-5	1/2"	1"	3"	Double
16033	BT18	IRSA-6	5/8"	1"	3"	Double
16072	BT58	IRSA-1NF	1/4"	3/4"	1 3/4"	Aluma-Cut
16042	BT38	IRSA-3NF	3/8"	3/4"	2 3/4"	Aluma-Cut
16039	BT35	IRSA-5NF	1/2"	1"	3"	Aluma-Cut
16041	BT37	IRSA-6NF	5/8"	1"	3"	Aluma-Cut

BT64 BT31 BT45 BT32 BT53 BT33

BALL CARBIDE BURS

Item#	Old#	IR#	Dia.	Flute Length	Overall Length	Cut
16075	BT64	IRSD-1	1/4"	7/32"	2"	Double
16006	BT31	IRSD-2	5/16"	1/4"	2 1/4"	Double
16045	BT45	IRSD-3	3/8"	5/16"	2 5/16"	Double
16038	BT32	IRSD-5	1/2"	7/16"	2 7/8"	Double
16067	BT53	IRSD-3NF	3/8"	5/16"	2 5/16"	Aluma-Cut
16007	BT33	IRSC-5NF	1/2"	7/16"	2 1/2"	Aluma-Cut

BT12

CYLINDER-SHAPED ROUTER CARBIDE BUR

Item#	Old#	IR#	Dia.	Flute Length	Overall Length	Cut
16030	BT12	IRSG-33	1/4"	1"	2 1/2"	Diamond

BT19 BT20 BT21 BT57 BT42 BT56

BALL-NOSED CYLINDER CARBIDE BURS

Item#	Old#	IR#	Dia.	Flute Length	Overall Length	Cut
16003	BT19	IRSC-1	1/4"	5/8"	2 1/2"	Double
16004	BT20	IRSC-3	3/8"	3/4"	2 3/4"	Double
16005	BT21	IRSC-5	1/2"	3/4"	3"	Double
16071	BT57	IRSC-1NF	1/4"	3/4"	2"	Aluma-Cut
16044	BT42	IRSC-3NF	3/8"	3/4"	2 1/2"	Aluma-Cut
16070	BT56	IRSC-5NF	1/2"	1"	3"	Aluma-Cut

BT59 BT29 BT36 BT63

OVAL SHAPED CARBIDE BURS

Item#	Old#	IR#	Dia.	Flute Length	Overall Length	Cut
16073	BT59	IRSE-3	3/8"	5/8"	2 5/8"	Double
16037	BT29	IRSE-5	1/2"	7/8"	2 3/4"	Double
16074	BT63	IRSE-3NF	3/8"	5/8"	2 5/8"	Aluma-Cut
16040	BT36	IRSE-5NF	1/2"	7/8"	2 5/8"	Aluma-Cut

EXTENDED CARBIDE BURS
1/4" SHANK

For applications where added length is required, these bur kits come with 6" extended burs in popular 4 or 6 piece kits; as well as a 4 piece all Aluminum Cutting kit.

Perfect for many applications, these burs come in Aluma-Cut or Double Cut.

16077

EXTENDED CARBIDE BUR KITS

Item#	Old#	Quantity	Description	Kit Includes
16077	BTE4	4 pieces	Extended Bur Kit	BT20E, BT22E, BT23E, BT32E
16078	BTE6	6 pieces	Extended Bur Kit	BT20E, BT21E, BT22E, BT23E, BT32E, BT43E
16079	BTA4	4 pieces	Aluminum Extended Bur Kit	BT33E, BT40E, BT41E, BT42E

Item#	Old#	Diameter	Shape	Description
16080	BT20E	3/8"	Cylinder/Radius End	Double Cut - 6"
16081	BT21E	1/2"	Cylinder/Radius End	Double Cut - 6"
16082	BT22E	3/8"	Tree Shaped	Double Cut - 6"
16083	BT23E	1/2"	Tree Shaped Radius	Double Cut - 6"
16084	BT32E	1/2"	Ball End	Double Cut - 6"
16085	BT33E	1/2"	Ball End	Aluma-Cut - 6"
16086	BT40E	3/8"	Tree Shaped	Aluma-Cut - 6 3/4"
16087	BT41E	1/2"	Tree Shaped	Aluma-Cut - 7"
16088	BT42E	3/8"	Cylinder/Radius End	Aluma-Cut - 6 3/4"
16089	BT43E	3/8"	Ball End	Double-Cut - 6"

GENERAL PURPOSE FILES / HIGH SPEED STEEL FILES

MULTIPLE USE GENERAL PURPOSE FILES

Multi-purpose files can be used for many different applications. Consisting of the most useful sizes, these are display packaged for ease of retail sale.

Item#	Description	Pkg. Qty.
16050	6" Mill Bastard	1
16051	6" Half Round Bastard	1
16052	6" Round Bastard	1
16053	6" Slim Taper	1
16054	6" Extra Slim Taper	1
16055	8" Mill Bastard	1
16056	8" Half Round Bastard	1
16057	8" Round Bastard	1
16058	8" Slim Taper	1
16059	8" All Purpose File	1
16060	8" x 7/32" Round Chain Saw File	1
16061	8" x 3/16" Round Chain Saw File	1
16062	10" Mill Bastard	1
16063	12" Mill Bastard	1

PLASTIC HANDLE FOR FILE

Replacement plastic handle for files. Comes with adaptors for different shaped files.

Item#	Description	Pkg. Qty.
16064	For 6" - 8" Files	1
16066	For 10" - 12" Files	1

16066

MULTI - PURPOSE ROTARY FILE SET

High quality steel tool set includes:
5 most popular shapes and sizes: Cylindrical, Round Tree, Ball, Ball Nose Cylinder and 14 Degree Angle Included. Shipped in a plastic reusable case.

Can be used in drill presses, lathes, air-operated hand tools, hand drills and flexible shaft equipment.

Item#	Description	Pkg. Qty.
12950	**Multi-purpose rotary file set includes:**	**1**
12952	Round Tree	1
12953	Ball	1
12954	Ball Nose Cylinder	1
12955	14 Degree Angle	1
12957	1/2" Cylinder	1

12950

HIGH SPEED STEEL FILES

12951 12952 12953 12954 12955 12956 12957

ROTARY FILES

Mounted on 1/4" shanks, these files are made from high-speed steel for tough jobs. Most files are 1/2" diameter and can be used on bronze, mild steel, plastic and fiberglass.

Item#	Shape	RPM	Pkg. Qty.
12951	1/4" Cylindrical	2,500	1
12952	Round Tree	2,500	1
12953	Ball	2,500	1
12954	Cylindrical Ball Nose	2,500	1
12955	14 Degree Angle	2,500	1
12956	Flame Rounded	2,500	1
12957	1/2" Cylindrical	2,500	1

12959 12960 12961 12962 12963

ROTARY WOOD RASPS

1/4" shank wood rasps are perfect for hard to reach areas. Used for material removal.

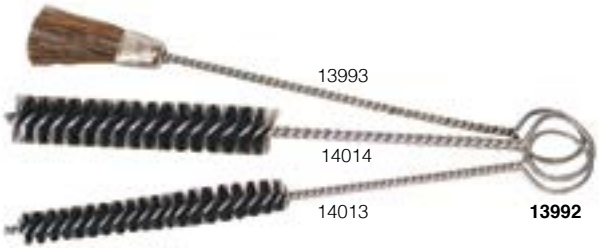
Item#	Shape	RPM	Pkg. Qty.
12959	3/8" Cylinder	2,500	1
12960	1/4" Cylinder	2,500	1
12961	Round Nose Cylindrical	2,500	1
12962	Ball	2,500	1
12963	14 Degree Taper	2,500	1

TUBE BRUSHES

TUBE BRISTLE BRUSHES

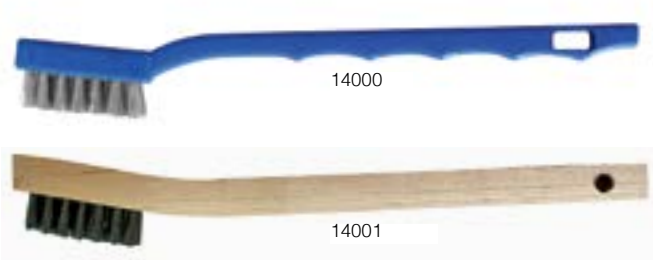
Firm bristle brush is 8 1/2" long with 1/2" and 3/4"diameter x 3" nylon bristles. Used for cleaning carburetors, brake cylinders and bottles.

Item#	Description
14013	1/2" Diameter
14014	3/4" Diameter



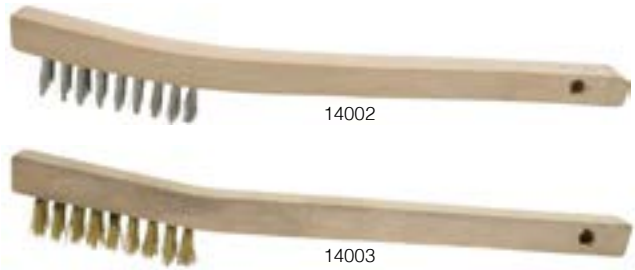
SPRAY GUN CLEANING BRUSHES

Item#	Description
13992	**3 Piece Brush Assortment Includes:**
13993	Fluid Tube Brush
14014	External Cleaning Brush
14013	Spray Gun Body Brush



STAINLESS STEEL TOOTH BRUSHES

Item#	Description
14000	This compact style brush has a plastic 7 1/4" handle and is rustproof. Use for aggressive cleaning action (3 x 7 rows).
14001	This wooden handle brush has stainless steel bristles and a 7 3/4" handle. Used for aluminum welding clean-up (3 x 7 rows).



STAINLESS & BRASS TINNING BRUSHES

These brushes have a 3/8" x 2 1/2" bristle area and a 8 3/4" handle (2 x 9 row). Great for general cleaning.

Item#	Description
14002	Stainless 8 3/4" x 2x9 rows
14003	Brass 8 3/4" x 2x9 rows

COMPACT BRASS SCRATCH BRUSHES

Brass bristled brushes for use on non-ferrous materials. 7 1/4" (3 x 7 rows). Great for general cleaning.

Item#	Description
14004	Brass/Wooden Handle/Aggressive
14005	Brass/Plastic Handle/Gentle

NEW! ANGLED APPLICATOR BRUSH

This brush is angled to allow easy access to the "toe area" of the bead most commonly damaged during mounting. (Equivalent to the Hunter RP6-1506.)

Item#	Description
15218	Mounting Paste Brush, Wooden Handle

WIRE BRUSHES

14019

14021

14022

14020

WIRE SOLVENT BRUSHES

Item#	Description
14019	5 1/2" long and 1 1/4" wide. Long,wire bristle brush is resistant to solvents where firm bristles are needed.
14021	Parts Cleaning Brush 10 1/2" Length
14022	Deluxe Cleaning Brush 11 1/2" Length

CHIPPING HAMMER REPLACEMENT WIRE BRUSH

Item#	Size
14020	4 3/4" x 3/4"

14023

14017

WIRE PARTS CLEANING BRUSH

A wire bristled premium parts cleaning brush with aggressive cleaning action that helps to remove cleaning gasket material and varnish.

Item#	Description
14023	9" Long x 1" Bristle Diameter

PLASTIC HANDLED FITTING BRUSHES

For cleaning copper fittings or plumbing joints prior to soldering. Also effective on corrosive battery cable terminals.

Item#	Size
14017	1/2" x 6 1/2"
14018	3/4" x 6 1/2"

END BRUSHES

1/4" SHAFT

For use with a 1/4" diameter air or electric tool, these brushes can get into hard to reach locations. Use on rubber or plastic, rust, weld cleaning, scale removal etc.

14073 14070

Item#	Old#	Size	Style	Wire	RPM
708E		1"	Crimped	.014	22,000
709E		3/4"	Crimped	.006	22,000
720E		1/2"	Crimped	.006	22,000
14024	711E (SS)	1"	Crimped	.020	20,000
14070	713E	3/4"	Crimped	.020	20,000
14071	710E	1"	Crimped	.020	20,000
13988	(SS)	1"	Knotted	.020	20,000
14072	711F	3/4"	Knotted	.020	20,000
14073	718E	1"	Knotted	.020	20,000
719E		1"	Knotted	.014	20,000
14074	714E (SS)	1 1/4"	Knotted	.020	20,000

WIRE BRUSHES

SCRATCH BRUSHES

These brushes have tempered steel, stainless steel, or brass bristles, with a 1/2" x 5" bristle area, and a 4 ½" plastic handle. 10 ¼" overall length. Great for general cleaning.

Item#	Description
14098	Red Handle/Steel
14099	Yellow Handle/Brass
14141	Green Handle/Stainless Steel

LONG HANDLE "V" BRUSH

The "V" bristle shape of this 13 ½" 3x14 row brush makes it perfect for corners and other areas after welding. Extremely heavy duty paint/rust removal brush with hundreds of strong bristles.

Item#	Description
17005	Wooden Handled "V" Brush For Channel Cleaning and Welding Applications in tight corners

LONG HANDLE SCRATCH BRUSHES

These are extremely heavy duty paint/rust removal brushes with hundreds of strong bristles imbedded in the handles. Bristle Options.

Item#	Description	Rows
14040	Long Handled Bow Shape Carbon Steel	4 x 19
14006	Long Handled Carbon	3 x 19
14007	Long Handled Carbon w/Scraper	3 x 19
14008	Long Handled Brass	3 x 19
14009	Long Handled Stainless Steel	3 x 19
14010	Shoe Handled Carbon Steel	4 x 16
14011	Shoe Handled Brass	4 x 16
14012	Shoe Handled Stainless Steel	4 x 16
13999	Plastic Handled Carbon Steel	3 x 19

ACID BRUSHES

Available in two sizes and used for the application of solder flux to work area.

Item#	Description	Pkg. Qty.
14025	3/8"	3 per Pk.
14026	1/2"	3 per Pk.
14069	2- 14025 and 1-14026 Kit	3 per Pk.
13997	3/8"	144 per Pk.
13998	1/2"	144 per Pk.

NEW! HEAVY DUTY WIRE BRUSHES

14165

14170

14171

14172

3" - 10" POWER BRUSHES

These brushes provide heavy-duty brushing action with some flexibility; and are ideal for demanding cleaning applications on somewhat irregular surfaces.

Item#	Weiler#	Style	Size	Width/ Face	Arbor	Fill Wire	Wire Dia.	Trim Length	RPM
14165	08014	Twist Knot	3"	3/8"	1/2"- 3/8"	Steel	0.014	5/8"	25,000
14182	17682	Mounted Knot	3 1/4"	3/8"	1/4" Shank	Steel	0.020	5/8"	25,000
14170	17681	Mounted Knot	3 1/4"	3/8"	1/4" Shank	Steel	0.014	5/8"	25,000
14175	08064	Twist Knot	4"	1/2"	1/2"- 3/8"	Steel	0.020	7/8"	20,000
14176	08534	Cable Twist Knot	4"	1/4"	1/2"- 3/8"	Steel	0.020	7/8"	20,000
14173	13120	Twist Knot	4"	1/2"	5/8"-11	Steel	0.020	7/8"	20,000
14172	08044	Twist Knot	4"	1/2"	1/2"- 3/8"	Steel	0.014	7/8"	20,000
14171	08034	Twist Knot	4"	1/2"	1/2"- 3/8"	Steel	0.0118	7/8"	20,000
14179	94008	Cable Twist Knot	10"	1 3/4"	2"	Steel	0.023	1 3/4"	4,500

2" - 3" POWER CRIMPED WHEELS

Identifiable by their copper center, these small diameter crimped wire wheels feature a plain arbor hole for use on a variety of portable tools and stationary machines. Featuring solid ring construction for high-speed use.

14161

14163

Item#	Weiler#	Style	Size	Width/ Face	Arbor	Fill Wire	Wire Dia.	Trim Length	RPM
14160	15463	Crimped	2"	3/8"	1/2" - 3/8"	Steel	0.0118	1/2"	20,000
14162	15533	Crimped	3"	5/8"	1/2"	Steel	0.006	1"	20,000
14163	15543	Crimped	3"	5/8"	1/2" - 3/8"	Steel	0.008	1"	20,000
14161	15563	Crimped	3"	5/8"	1/2" - 3/8"	Steel	0.0118	1"	20,000

CRIMPED ENCAPSULATED WIRE WHEELS

Elastomer gradually wears exposing consistent short trim for maximum aggression and long life.

14164

14181

Item#	Weiler#	Style	Size	Width/ Face	Arbor	Fill Wire	Wire Dia.	Trim Length	RPM
14164	35250	Encapsulated	3"	1/4"	1/2"	Steel	0.0118	1"	20,000
14181	35260	Encapsulated	3"	1/4"	1/2"	Steel	0.014	1"	20,000

NEW! HEAVY DUTY WIRE BRUSHES

14174

14178

KNOTTED END AND POWER BRUSHES

Features a hollow end and heavy-duty brushing action with some flexibility; ideal for more demanding cleaning applications in recessed areas.

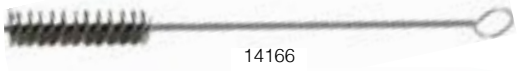
Item#	Weiler#	Style	Size	Arbor	Fill Wire	Wire Dia.	Trim Length	RPM
14178	10212	Knotted End Brush	1 1/8"	1/4" Shank	Steel	0.0104	1 1/8"	20,000
14185	10028	Knotted End Brush	1 1/8"	1/4" Shank	Steel	0.020	7/8"	22,000
14174	13156	Single Row Knotted Wire Cup Brush	3 1/2"	5/8"-11NC	Steel	0.023	7/8"	13,000
14177	13153	Single Row Knotted Wire Cup Brush	3 1/2"	3/8"- 24 UNF	Steel	0.023	7/8"	13,000

SCRATCH BRUSH

Common applications include cleaning dirt, rust, scale, chips and paint, as well as plating and welding operations.

14159

Item#	Weiler#	Style	Size	Width/ Face	Rows	Fill Wire	Wire Dia.	Trim Length
14159	44075	Scratch Brush	7 1/2"	1/2"	3 x 7	Stainless Steel	0.006	1/2"


14166

TUBE BRUSHES

For internal cleaning and deburring of copper tube fittings.

14168

14169

Item#	Weiler#	Style	Diameter	Length	Fill Wire	Trim Length	Brush Length
14168	44081	Tube Brush	5/8"	6 1/2"	Steel		1"
14169	44080	Tube Brush	1/2"	6 1/2"	Steel		1"
14180	44082	Tube Brush	3/4"	6 1/2"	Steel		1"
14166	21096	Tube Brush	1/2"	8"	Steel	.004"	2"

14183

TIRE CLEANING BRUSHES

Features protective bumpers, foam blocks and handle holes.

Item#	Weiler#	Style	Rows	Fill Wire	Wire Dia.	Length
14183	99593	Tire Cleaning	8 x 9	Brass	.008	8 1/2"

CIRCULAR AND CUP WIRE BRUSHES

1/4" HEX SHAFT

A general purpose brush with 1/4" hex shaft used with electric drills. Brushes have many applications around the shop and home environments. Coarse brushes are .012" wire and fine brushes are .008".

Item#	Diameter	Style	Wire	Description	Shank
13962	1"	End Brush/Crimped	.012	Coarse	1/4" Hex
13963	1"	End Brush/Crimped	.008	Fine	1/4" Hex
13964	1 1/2"	Crimped-Round	.012	Coarse	1/4" Hex
13965	1 1/2"	Crimped-Round	.008	Fine	1/4" Hex
13966	2"	Crimped-Round	.012	Coarse	1/4" Hex
13967	2"	Crimped-Round	.008	Fine	1/4" Hex
13968	2 1/2"	Crimped-Round	.012	Coarse	1/4" Hex
13969	2 1/2"	Crimped-Round	.008	Fine	1/4" Hex
13970	3"	Crimped-Round	.012	Coarse	1/4" Hex
13971	3"	Crimped-Round	.008	Fine	1/4" Hex
13972	4"	Crimped-Round	.012	Coarse	1/4" Hex
13973	4"	Crimped-Round	.008	Fine	1/4" Hex
13974	2"	Crimped Cup on Stem	.012	Coarse	1/4" Hex
13975	2"	Crimped Cup on Stem	.008	Fine	1/4" Hex
13976	3"	Crimped Cup on Stem	.012	Coarse	1/4" Hex
13977	3"	Crimped Cup on Stem	.008	Fine	1/4" Hex

13962

13971

13975

CIRCULAR AND CUP WIRE BRUSHES

1/4" SHAFT

A general purpose brush used with electric drills. Brushes have many applications around the shop and home environments. Coarse brushes are .020" wire and fine brushes are .014".

14028

14095

Item#	Old#	Size	Style	Wire	Description	RPM
712E		1 1/4"	Crimped Cup on Stem	.014	Fine	13,000
14027	715F	1 1/2"	Crimped-Round	.020	Coarse	6,000
14028	720F	2"	Crimped-Round	.020	Coarse	6,000
14029	725F	2 1/2"	Crimped-Round	.020	Coarse	6,000
14030	730F	3"	Crimped-Round	.020	Coarse	6,000
14031	730SF	3"	Crimped-Round	.014	Fine	4,500
14032	740SF	4"	Crimped-Round	.014	Fine	15,000
14095	715E	1 1/2"	Crimped Cup on Stem	.020	Coarse	13,000
14096	721E	2 1/2"	Crimped Cup on Stem	.020	Coarse	4,500
14097	722E	2 1/2"	Crimped Cup on Stem	.014	Fine	4,500

CIRCULAR CRIMPED WHEELS

Choose between a 3" or 4" diameter with a 1/2" arbor .008" wire

Item#	Size	RPM
14034	3"	4,500
14035	4"	4,500

14034

CRIMPED WIRE/KNOTTED CUP BRUSHES

14033

CRIMPED WIRE TIRE BRUSHES

Heavy duty 3" diameter cup brush for rim/hub cleaning. .016" Brass coated wire.

Item#	Size	Arbor	Wire	RPM
14033	3"	1/4" Hex Shank	.016	10,000

14077

CRIMPED WIRE CUP BRUSHES

For use in cleaning metal parts and hard surfaces in hard to reach places. Use with angle grinders. Always follow correct speed ratings.

Item#	Old#	Size	Arbor	Wire	RPM
14075	735C	3"	1/2"-13	.014	12,500
14076	730C	3"	5/8-11NC	.014	12,500
14077	723C	3"	M10 x 1.25	.020	12,500
14078	725C	3"	M10 x 1.50	.014	12,500
14079		3"	M14 x 2.0	.014	12,500
14080	740C	4"	5/8-11NC	.014	9,000
14081	750C	5"	5/8-11NC	.020	6,600
14082	760C	6"	5/8-11NC	.020	6,500

13995

13996

MINI KNOTTED WIRE BRUSHES

Mini Knotted Circular Wire brush with 1/4" Mandrel.

Item#	Size	Wire	RPM
13995	2"	.020	7,500
13996	3"	.020	12,500

14043

14038

SINGLE ROW KNOTTED CUP BRUSHES

Available with standard or metric arbor sizes in various diameters. Use for general cleaning, welding and removal of paint and rust. Use with angle grinders.

Item#	Old#	Size	Arbor	Wire	RPM
14041	723K	3"	1/2"-13	.020	12,500
14042	730K	3"	5/8-11NC	.014	12,500
14043	722K	3"	5/8-11NC	.020	12,500
13991	Stainless Steel	3"	5/8-11NC	.014	12,500
14044	724K	3"	M10 x 1.25	.020	12,500
14045	725K	3"	M10 x 1.50	.014	12,500
14046		3"	M14 -2.0	.020	12,500
14038	Carbon Wire	3.5"	5/8-11NC	.020	13,000
14047	740K	4"	5/8-11NC	.020	9,000
13989	Stainless Steel	4"	5/8-11NC	.020	9,000
14048	760K	6"	5/8-11NC	.020	6,500
13990	Stainless Steel	6"	5/8-11NC	.020	6,500

DOUBLE ROW KNOTTED WIRE CUP BRUSHES

Extremely durable and aggressive. Use with an appropriate size angle grinder.

14049

Item#	Old#	Size	Arbor	Wire	RPM
14049		4"	5/8-11NC	.014	9,000
14050		5"	5/8-11NC	.014	7,000
14051		6"	5/8-11NC	.014	6,500

13979

ENCAPSULATED WIRE WHEELS

3" Plastic encapsulated wire wheel on 1/4" Mandrel

Item#	Description	Size	RPM
13961	Hex Mandrel	3"	4,500
13979	Round Mandrel	3"	4,500

WIRE WHEEL BRUSHES

CRIMPED WIRE WHEELS

Choose from 4" to 10" diameters with .014" wire size.

Item#	Old#	Size	Arbor	RPM
14052		4"	5/8-11NC	8,500
14053		4"	M10-1.25	12,500
14054		4"	M10-1.50	12,500
14056		4"	M14-2.0	12,500
14057	762S	6" Narrow Width	1/2" - 5/8"	6,000
14058	767S	6" Medium Width	1/2" - 5/8"	6,000
777S		7"	1/2" - 5/8"	6,000
14059	780S	8"	1/2" - 5/8"	4,500
14140		10"	1 1/4"	3,600

14058

TWIST KNOTTED WIRE WHEEL BRUSHES

These brushes are available with standard center thread sizes with a width of 5/16" and .020 wire. Use on hard materials for general purpose cleaning and polishing.

Item#	Old#	Size	Wire	Wire Type	Arbor	RPM
14064	743S	4"	.020	Steel	5/8-11NC	20,000
14065		4"	.020	SS	5/8-11NC	20,000
13980		4 1/2"	.020	Steel	5/8-11NC	12,500
13981		4 1/2"	.020	SS	5/8-11NC	12,500
14130		5"	.020	Steel	5/8-11NC	12,500
14134		5"	.020	SS	5/8-11NC	12,500
14066		6"	.020	Steel	5/8-11NC	9,000
14067		6"	.020	SS	5/8-11NC	9,000
13982		7"	.020	Steel	5/8-11NC	9,000
13983		7"	.020	SS	5/8-11NC	9,000

14064

KNOTTED WIRE WHEEL BRUSHES WITH ADAPTORS

These brushes are available with standard or metric center thread sizes with a width of 5/16" and .014 to .020 wire. Use on hard materials for general purpose cleaning and polishing.

Item#	Old#	Size	Wire	Style	Arbor	RPM
14060	748S	4"	.014	Knotted	1/2"-3/8"	20,000
14061		4"	.014	Knotted	M10-1.25	20,000
14062		4"	.014	Knotted	M10-1.50	20,000
14063		4"	.014	Knotted	M14-2.0	20,000
14068		6"	.020	Knotted	5/8"-1/2"	9,000
760S		6" Full Cable	.014	Full Cable	1/2", 5/8"	6,000
787S		8"	.014	Knotted	1/2", 5/8"	9,000

14068

STRINGER BEAD TWIST WIRE WHEEL BRUSHES

These brushes are available with standard or metric arbor sizes and .020" heavy duty wire. Used for aggressive cleaning.

Item#	Old#	Size	Wire	Wire Type	Arbor	RPM
13984		4 1/2"	.020	Steel	5/8-11NC	12,500
13985		4 1/2"	.020	SS	5/8-11NC	12,500
13986		7"	.020	Steel	5/8-11NC	9,000
13987		7"	.020	SS	5/8-11NC	9,000
14083		4"	.020	Steel	1/2" - 13	20,000
14084	744S	4"	.020	Steel	5/8-11NC	20,000
14085		4"	.020	SS	5/8-11NC	20,000
14086		4"	.020	Steel	M10 -1.25	20,000
14087		4"	.020	Steel	M10 -1.25	20,000
14088		4"	.020	Steel	M14 -2.0	9,000
14089		5"	.020	Steel	5/8-11NC	12,500
14138		5"	.020	SS	5/8-11NC	12,500
14128	745S	6"	.020	Steel	5/8-11NC	9,000
14139		6"	.020	SS	5/8-11NC	9,000

14083

LUG BRUSH/ARBOR ADAPTORS

14155

CABLE LUG CLEANING BRUSH

This brush will clean an I.D. of 1/2", 5/8" and 7/8" fittings. It will also do an O.D. of 1/2", 5/8"and 7/8" tubing. This brush is great for cleaning rust off battery terminals. Use it to clean and scratch the ID of tubing in plumbing and building applications.

Item#	Description	Length
14155	Double sided cleaning brush	7 3/4" Long

14093

ADAPTOR NUTS

Nuts adapt 5/8 - 11 arbor brushes to fit M10-1.25 and 1.50 high speed grinder spindles.

Item#	OD Size	I.D. Size
14093	5/8-11 NC	M10 - 1.25
14094	5/8-11 NC	M10 - 1.50
14129	5/8-11 NC	3/8" - 24 NF

14090

14136

ARBOR ADAPTORS

These adaptors are available with various arbor sizes and a 2" outside diameter with plain hole centers. Use for mounting wire wheels to bench grinders.

Item#	Description	Size
14090	Set of 2	1/2"
14091	Set of 2	5/8"
14092	Set of 2	3/4"
14136	Adaptor Kit For 3/4" thick wheels*	

* The adaptor kit will start with a 2" hole on your wire wheel and adapt it from 1/2"-5/8"-3/4"-1". Kit includes center telescoping adaptors and 2 arbor rings.

AUTO BODY TOOLS

18061

4" AUTO BODY PIN STRIPE ERASER

Quick, effective removal of pin striping without paint damage! Has an effective spoke design, and is available with mandrel and eraser only for added cost savings.

4" Diameter x 11/16" thick.

Item#	Description
18060	Eraser only
18061	Eraser and Mandrel with threaded adaptor
18062	Mandrel Only

60

ALL PURPOSE SCRAPER

3-Position multi-use scraper is ideal for Sticker and Decal removal.

Item#	Description
60	All Purpose Scraper

61

RETRACTABLE SCRAPER

Retractable blade for ease and portability

Item#	Description
61	Retractable scraper

65

RAZOR BLADES

A box of 100 American Made Razor Blades for all your needs. A must for every body shop!

Item#	Description
65	Pack of 100 razor blades
65-10	Pack of 10 razor blades

66

PLASTIC RAZOR BLADES

For use on GM cars with plastic coated windows. Also used for oversprays and wherever any painted surface needs to be cleaned.

Item#	Description
66	10 pack of plastic blades
66-100	100 box of plastic blades

66H

RETRACTABLE SCRAPER WITH 3 PLASTIC BLADES

The above plastic blades combined with our most popular scraper.

Item#	Description
66H	Retractable Scraper with 3 plastic blades

UNIVERSAL MOLDING RELEASE TOOL

Used in cemented and rear windshields.

Item#	Description
51	Universal Molding Release Tool

51

TRIM PAD REMOVING TOOL

Facilitates removal of plastic trim pad fasteners without damaging the fastener or the backboard.

Item#	Description
52	Trim Pad Removing Tool

52

DOOR HANDLE CLIP TOOL

For door handles and window regulator clips.
Eliminates upholstery damage.

Item#	Description
53	Door Handle Clip Tool

53

DOOR AND WINDOW HANDLE CLIP TOOLS

Reversible tool handles all GM cars,
as well as most foreign.

Item#	Description
54	Door and Window Handle Clip Tools

54

STUBBY BODY PANEL 1/8" DRILL BITS

High Speed Steel drill bits for use on sheet metal.
135 degree split point for fast drilling without center punching.

Item#	Description
76	Pouch of 12 -1/8" Double Ended Bits
15216	Pouch of 12 - 3/16" Double Ended Drill Bits
15217	Pouch of 12 - 1/4" Double Ended Drill Bits

76

3/8" DOUBLE ENDED SPOT WELD CUTTER

Removes spot welds without damage to underlying panels. Invaluable to auto body restoration.

Item#	Description
10060	3/8" Double Ended Cutter with Special Tip Design
10059	3/8" Double Ended Replacement Cutter

10060

10059

AUTO BODY TOOLS

SHARK PISTOL VAC

Turns any Shop Air into a powerful Vacuum Cleaner or Air Cleaning Gun!

Designed for high powered industrial vacuum cleaning with air pressure, the Pistol Vac connects to your air line and can be used in many applications in the vacuum mode or blow mode.

Vacuum Cleaning Power with Shop-Air!

- Out performs inexpensive imports
- Dust bag and Crevice Tool included
- No electrical connection needed
- Fits many PBE applications
- Easy and Convenient to use
- Simple construction is maintenance free
- Inexpensive and quiet

Item#	Description
64000	Pistol Vac w/ Bag and Crevice Tool
64001	Crevice Tool
64002	Vacuum Bag
64003	3' Hose Section
64004	8' Hose Section
64005	Brush
64006	20" Extension Tube
64007	2" Diameter Fitting for Steel Drum
64008	Replacement Trigger
S3660	Shark Quick Spray Tip with 6' Vinyl Hose
S3665	Tip Alone
S3670	6' Vinyl Hose

64000

Picks up:

- Glass
- Sawdust
- Metal Chips
- Dust Spills

(S3665)

(S3670)

S3660

Works with all Vacula, Snap-on, Mac, Matco, Shark and NAPA type blow guns!

ALUMINUM BLENDING HAMMER

- Lightweight aluminum hammer is suitable for dent removal of aluminum body repairs
- Four interchangeable Polyoxymethylene tips, stored inside the handle, are available for different applications

Item#	Description
13284	**Aluminum Blending Hammer with 4 POM Tips**
13285	Aluminum Blending Hammer (no tips)
13286	Ball Tip
13287	Mushroom Head
13288	Blunt Tip
13289	Sharp tip

(13285)

(13286)

(13287)

(13288)

(13289)

13284

NEW! SPOT WELD DRILL BITS

Our new Spot Weld Drill Bits are made of tungsten carbide and designed to penetrate high strength steels such as boron. It's triple fluted bit with it's friction-free coating spreads the torque over a greater surface area.

Item#	Description
10995	10 mm Flat Spot Weld Drill Bit
10996	10 mm Round Spot Weld Drill Bit
10997	6.7 mm Spot Weld Drill Bit

Use with DF-15 Spot Annhilator* & Other Spot Drills!

* Not sold at Shark.

STANDARD BLOW GUNS

- Insulated Grip with Comfortable Design
- An assortment of sizes in outlet tubes
- A wide variety of safety conscious, interchangeable nozzles
- Infinite variable flow control
- Multi-use as well as fluid dispensing
- OSHA approved tips

Item#	Description
S1050A	Full Flow Blow Gun
S1060A	Full Flow Blow Gun with Rubber Tip
S1150A	13" Full Flow Blow Gun
S1250A	20" Full Flow Blow Gun

S4010

RUBBER TIP FOR SPECIAL APPLICATIONS

Non-scratching rubber-tipped adaptor fits on the gun and allows you to use it in holes or for blowing out cylinders, pistons, etc. when working on any mechanical job.

Item#	Description
S4010	Rubber Tip

S4030

CHIP SHIELD

Chip Shield prevents chips or particles from blowing back in your face when using the blow gun. Also makes the gun OSHA approved as the air flows out the sides if placed against your hand.

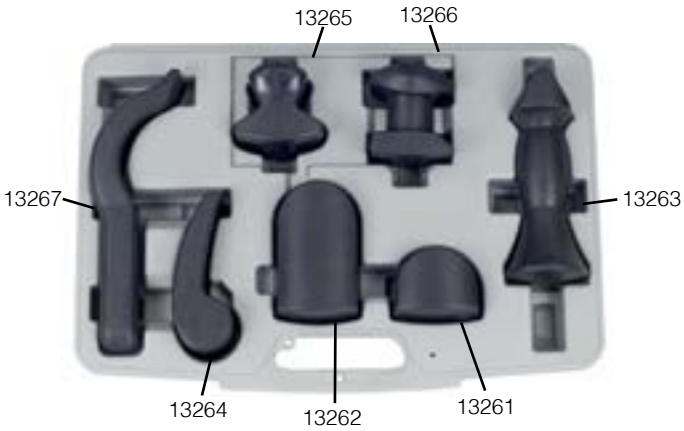
Item#	Description
S4030	Chip Shield

ALUMINUM AUTO BODY TOOLS

7 PIECE RUBBER COATED DOLLY SET

- This rubber dolly set works well in recessed or sharp corners and wide radii. Also works well on lighter metal sheets and panels. They help return the metal to its original shape.
- The weighted hard rubber coating allows for a cushion effect to match the hammer without stretching the metal and damaging the car body paint, suitable for aluminum body repairs.
- Drop forged steel construction for long life. They are used behind any sheet metal you are using a hammer on.

Item#	Description
13260	**7 Piece Rubber Coated Dolly Set**
13261	Heel Dolly
13262	Long Type Heel Dolly
13263	Double End Dolly
13264	Curved Dolly
13265	Utility Dolly (General Purpose)
13266	Double End Hand Dolly
13267	Long Type Curved Dolly



13260 Contents: heel dolly, long type heel dolly, double end dolly, curved dolly, utility dolly, double end hand dolly, long type curved dolly. Comes in blow mold case.

12 PIECE DOLLY SET

- Suitable for aluminum body repairs
- Works well in recessed corners, sharp corners, and wide radii
- Made of Polyoxymethylene and non-marking when impacting against metal

Item#	Description
13270	**12 Piece POM Dolly Set**
13271	Double End Dolly
13272	Round Head Chisel Dolly
13273	Bolster Head Dolly
13274	Crease Alignment Tool
13275	Profile Arranging Block I & II
13276	Hand Fist Flat & Curved Dolly
13277	Large Toe Dolly
13278	Heel Dolly
13279	General Purpose Dolly
13280	Block Dolly
13281	Curved Dolly
13282	Wedge Dolly

13270 Contents: double end dolly, round head chisel dolly, bolster head dolly, crease alignment tool, profile arranging block I + II, hand fist flat+curved dolly, large toe dolly, heel dolly, general purpose dolly, block dolly, curved dolly, wedge dolly. Comes in blow mold case.

BLASTING MEDIA

WALNUT SHELL BLASTING MEDIA

All natural, real walnut shells are used as a blasting media for the removal of surface contaminates without damaging the base metal. Available in Medium Grit. USA made.

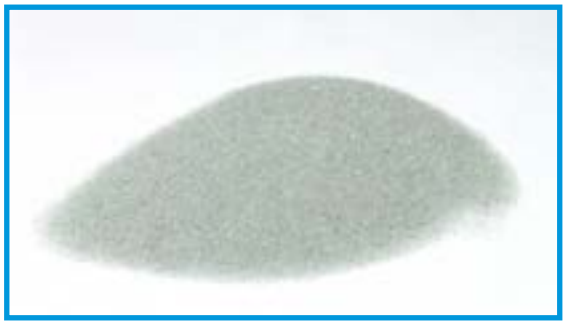
- For blasting intake valves to remove carbon build-up
- Use on Audi, BMW and Minis for manifold intake cleaning
- Safely removes carbon without damaging engine
- Made in USA

Item#	Description	Grit	Weight
13076	Walnut Shell Blasting Media	Medium	25 lbs.

GLASS BEAD BLASTING MEDIA

Glass beads are used as blasting media for a variety of applications. Available in Coarse and Medium Grits. USA Made.

- Removes:
  - Surface Rust
  - Debris and Corrosion
  - Paint in Auto Body Applications
  - Made in USA



Item#	Description	Grit	Weight
13077	Glass Bead Blasting Media	Coarse	25 lbs.
13078	Glass Bead Blasting Media	Medium	25 lbs

3M/FIREPOWER/FORNEY/SHARK CROSSOVER

3M	Shark
01396	12614
01397	12613
01398	12612
01406	12618
01407	12617
01408	12616
01410	9989
01411	9989-12
01987	26-10
01988	25-10
01989	26SL
01990	25SL
01991	38SL
02145	13144
05001	12997
05002	12991
05006	12990
05008	12989
05010	12987
05539	323T
05540	333T
05541	343T
07447	13017
07450	640TPDB-25
07451	642TPDB-25
07453	620TPDB-25
07453	620TPDB-C
07455	630TPDB-25
07455	630TPDB-C
07456	632TPDB-25
07456	632TPDB-C
07457	622TPDB-25
07457	622TPDB-C
07480	620TBC
07481	622TB
07482	640TB-10
07483	642TB-10
07485	630TB
07486	632TB
07492	343
07493	333
07494	323
07511	644TB
07512	646TB
07513	634TBC
07514	636TBC
07515	624TBC
07516	626TBC
19484	6202
19344	6302

Firepower	Shark
0323-0360	12599
0323-0361	12600
0323-0362	12601
0323-0363	12602
0324-0112	12605
0324-0150	12569
0324-0151	12570
0324-0152	12571
0324-1053	12572
0324-1054	12573
0330-0002	12557
0330-0007	12558
0330-0620	12554
0330-0621	12555
0330-0622	12556
0330-0623	12557
0330-0624	12558
0331-0016	12580
0331-0017	12581
0331-0179	12576
0331-0180	12577
0331-0181	12578
0331-0182	12579
0331-0183	12580
0331-0184	12581
0333-0305	12557
0333-0402	12580
0333-0408	12564
0333-0409	12565
0333-0550	12585
0333-0551	12587
0333-0552	12588
0333-0553	12589
0333-0560	12599
0333-0563	12602
0333-561	12600
0381-0740	12490
0381-0744	12496
0382-0136	12497
0382-0143	12491
0384-0240	12402
0384-0250	12403
0384-0656	12400
0384-0990	12410
0387-0134	12554
0387-0135	12555

Firepower	Shark
0387-0136	12556
0387-0144	12576
0387-0145	12577
0387-0146	12578
0387-0147	12579
0387-0172	12559
0387-0173	12560
0387-0182	12585
0387-0184	12587
0387-0185	12588
0387-0487	12242
0387-1227	12501
0387-1228	12532
0387-1229	12533
0387-1233	12538
0387-1234	12539
0387-1236	12543
0387-1237	12544
0387-1238	12545
1412-0012	12263
1412-0020	12265
1412-0021	12270
1412-0022	12271
1420-0293	16100
1420-0295	12261
1421-0038	14480
1421-0062	12050
1423-0001	14401
1423-0016	12241
1423-0017	14308
1423-0018	14309
1423-0019	14302
1423-0020	14300
1423-0026	12237
1423-0032	12238
1423-0050	12239
1423-0051	14402
1423-0052	12240
1423-0081	14002
1423-0082	14009
1423-0083	14010
1423-0084	14000
1423-0085	12112
1423-0086	12111
1423-0087	14006
1423-0088	12213
1423-0089	12216
1423-0092	14020
1423-0093	14026
1423-0094	12212
1423-0095	12215
1423-0096	12211
1423-0097	12214
1423-1100	14135
1423-1101	12038
1423-1102	12025
1423-1103	12033
1423-1105	12032
1423-1107	12030
1423-1108	12024
1423-1109	12023
1423-1110	12026
1423-1112	12027
1423-1113	12028
1423-1115	12015
1423-1116	12016
1423-1117	12017
1423-1205	12108
1423-1206	12224
1423-1207	12235
1423-1212	12236
1423-1213	12225
1423-1216*	12230
1423-1217	12232
1423-1219*	12232
1423-1220*	12233
1423-1300	12284
1423-1304*	12288
1423-1305*	12287
1423-1310	12281
1423-1311	12280
1423-1314	12273
1423-1315	12272
1423-1318	12276
1423-1319	12277
1423-1320	12288
1423-1321	12287
1423-1345*	12274
1423-1346*	12275
1423-1402	14021
1423-1404	12255
1423-1408	12243
1423-1409	12205
1423-1415	12210
1423-1416	12223
1423-1418	12218
1423-1419	12219

Firepower	Shark
1423-1420	12220
1423-1421	12221
1423-1422	12202
1423-1423	12245
1423-1424	12250
1423-1425	12251
1423-1426	12252
1423-1428	12256
1423-1432	12222
1423-1435	12201
1423-1442	14012
1423-1452	14017
1423-1459	14019
1423-2100	14027
1423-2101	14028
1423-2102	14030
1423-2103	14031
1423-2104	14070
1423-2105	14072
1423-2106	14025
1423-2107	N/A
1423-2108	14097
1423-2109	14076
1423-2110	14042
1423-2111	14083
1423-2112	14128
1423-2113	14064
1423-2114	14081
1423-2115	14047
1423-2116	14048
1423-2117	14071
1423-2118	14073
1423-2119	14066
1423-2120	14068
1423-2121	14058
1423-2122	14057
1423-2123	14059
1423-2124	14093
1423-2125	14094
1423-2126	14043
1423-2127	14084
1423-2136	12929
1423-2137	12930
1423-2138	12931
1423-2140	13006
1423-2141	13007
1423-2142	13008
1423-2143	13013
1423-2151	12921
1423-2152	12922
1423-2153	12923
1423-2154	12918
1423-2155	12919
1423-2156	12920
1423-2157	13110
1423-2158	13111
1423-2159	12917
1423-2160	12912
1423-2161	12913
1423-2162	12914
1423-2164	12820
1423-2165	12821
1423-2166	12822
1423-2167	12823
1423-2170	12833
1423-2171	12834
1423-2172	12835
1423-2173	12836
1423-2174	12837
1423-2177	12702
1423-2180	12708
1423-2185	12935
1423-2186	12731
1423-2187	12732
1423-2188	12744
1423-2189	12737
1423-2190	12746
1423-2191	12738
1423-2192	12748
1423-2193	12739
1423-2194	13205
1423-2195	13206
1423-2197	12726
1423-2198	12728
1423-2199	12800
1423-2201	12794
1423-2202	12795
1423-2204	12797
1423-2205	12798
1423-2206	12799
1423-2207	12801
1423-2208	12802
1423-2209	12803
1423-2210	12804
1423-2213	12694
1423-2220	12906
1423-2221	12907

Firepower	Shark
1423-2224	12957
1423-2225	12952
1423-2226	12953
1423-2227	12954
1423-2228	12955
1423-2229	12950
1423-2232	12750
1423-2234	14074
1423-2237	12726
1423-2238	12728
1423-2271	12787
1423-2272	12788
1423-2274	12790
1423-2275	12791
1423-2310	12772
1423-2311	12771
1423-2312	12773
1423-2327	14052
1423-3135	12928
1423-3136	12909
1423-3137	12910
1423-3142*	12702
1423-3143*	12704
1423-3144*	12708
1423-3145*	12712
1423-3146*	12714
1423-3147*	12716
1423-3148*	12722
1423-3149*	12700
1423-3150*	12710
1423-3151*	12731
1423-3152*	12732
1423-3153*	12734
1423-3154	12702
1423-3155	12704
1423-3156*	12712
1423-3157*	12716
1423-3158	14080
1423-3159	14137
1423-3161	14136
1423-3162	45836
1423-3163	45838
1423-3164	45840
1423-3165	45841
1423-3166	45842
1423-3167	45843
1423-3168	45844
1423-3169	45845
1423-3171	12925
1423-3177	12959
1423-3178	12961
1423-3180	12960
1423-3181*	12700
1423-3182*	12710
1423-3184	12722
1423-3185	454
1423-3208*	12706
1423-3209*	12706
1423-4103	14212
1423-4107	14207
1423-4118	14210
1423-4119	14323
1423-4120	14324
1423-4123	14326
1423-4124	14200
1423-4125	14330
1423-4126	14321
1423-4127	14322
1423-4128	14400
1423-4131	14506
1423-4132	14509
1423-4133	14403
1423-4134	14452
1423-4135	14453
1423-4136	14454
1423-4137	14455
1423-4138	14456
1423-4145	14202
1423-4146	14112
1423-4157	14500
1423-4158	14404
1423-4173	14303
1423-4175	14319
1424-0013	12422
1424-0014	12423
1424-0015	12424
1424-0017	12425
1424-0019	12426
1424-0292	12428
1424-0293	12429
1424-0294	12430
1440-0080	11094
1440-0081	11095
1440-0083	11091
1440-0093	11092
1440-0095	11019
1440-0096	11020

Firepower	Shark
1440-0097	11021
1440-0098	11022
1440-0105	11014
1440-0106	11015
1440-0107	11016
1440-0108	11017
1440-0115	11009
1440-0116	11010
1440-0117	11011
1440-0118	11012
1440-0124	11034
1440-0125	11035
1440-0126	11036
1440-0127	11037
1440-0134	11029
1440-0135	11030
1440-0136	11031
1440-0137	11032
1440-0145	11024
1440-0146	11025
1440-0147	11026
1440-0148	11027
1440-0151	11050
1440-0152	11051
1440-0155	11118
1440-0156	11119
1440-0165	11115
1440-0181	11065
1440-0182	11066
1440-0183	11067
1440-0185	11059
1440-0186	11060
1440-0187	11061
1440-0188	11062
1440-0195	11054
1440-0196	11055
1440-0197	11056
1440-0200	11044
1440-0201	11045
1440-0202	11046
1440-0203	11047
1440-0205	11039
1440-0206	11040
1440-0207	11041
1440-0210	12000
1440-0211	12001
1440-0212	12051
1440-0215	12002
1440-0216	12003
1440-0217	12004
1440-0220	12005
1440-0221	12006
1440-0222	12007
1440-0230	12008
1440-0231	12021
1440-0235	12009
1440-0236	12010
1440-0240	12011
1440-0241	12012
1440-0245	12013
1440-0296	12254
1440-0297	12253
1440-0402	11125
1440-0406	11028
1440-0411	11093
1440-0419	11096
1440-0420	11098
1440-0423*	11090
1440-0424	11090
1440-0425	11088
1440-0427*	11101
1440-0428*	11102
1440-0429	11107
1440-0430	11108
1440-0431	11107
1440-0432*	11104
1440-0433*	11105
1440-0434	11097
1440-0441	11013
1440-0442*	11104
1440-0443	11086
1440-0445*	12012
1440-0447	12054
1440-0449	11085
1441-0004	14105
1441-0010	14335
1441-0015	14317
1441-0023	14101
1441-0037	14103
1441-0038	14109
1441-0042	14119
1441-0047	14203
1441-0048	14206
1441-0049	14213
1441-0050	14216
1441-0059	14115
1441-3408	14327

Firepower	Shark
1443-0002*	12300
1443-0003*	12303
1443-0004*	12309
1443-0005*	12315
1443-0015	12100
1443-0016	12101
1443-0026	12106
1443-0027	12107
1443-0035	12226
1444-0025	12976
1444-0026	12977
1444-0027	12978
1444-0028	12979
1444-0029	12980
1444-0050	12855
1444-0051	12856
1444-0052	12857
1444-0053	12858
1444-0170	12854
1444-0220	12981
1444-0221	12982
1444-0222	12983
1444-0223	12984
1444-0224	12985
1444-0407	14483
CSMC121	12543
CSMC122	12544
CSMC123	12545
CSSC121	12538
CSSC122	12539

Forney	Shark
1687	12403
1702	Disc.
1705	12405
1720	12407
1753	Disc.
1754	12411
12761	12834
36062	12015
37025	Disc.
37028	12254
37030	12254
37031	12253
37101	12041
37250	12040
38060	12017
38061	12016
38062	12015
38070	12029
38071	12028
38072	12027
38073	12026
38101	12025
38102	Disc.
38103	12024
38106	Disc.
38107	12031
38108	12035
38109	11034
38115	11036
38125	12038
38140	14025
40301	11024
40305	11025
40350	11027
40401	11029
40405	11030
40410	11031
40450	11032
40501	11034
40505	11035
40510	11036
40550	11037
40680	11068
40681	11069
40683	11071
40684	11073
40685	11074
40686	11075
40687	11076
40688	11078
40689	11079
40690	11080
40691	11081
40701	11054
40705	11055
40750	11057
40801	11059
40805	11060
40810	11061
40850	11062
40901	11064
40905	11065
40910	11066
40950	11067
41101	11009
41105	11010

FORNEY/SHARK CROSSOVER

Forney	Shark
41150	11012
41201	11014
41205	11015
41210	11016
41250	11017
41301	11019
41305	11020
41310	11021
41350	11022
42001	11039
42005	11040
42050	11042
42101	11044
42105	11045
42110	11046
42150	11047
42210	11051
42205	11050
42210	11051
42250	11052
42276	12004
42281*	12007
42285	12001
42286	12003
42287*	12006
42290	12000
42291	12002
42292	12005
42293	12011
42294	12012
42298	12013
42300	12008
42301	12021
42302	12009
42303	12010
42330	11104
42335	11105
42340	11106
42397	11097
43096	11096
43097	11094
43400	11087
43401	11085
44556	11117
44557	11115
44559	11120
44560	11118
44564	11119
45400	11090
45401	11088
45405	11089
45464	11093
45465	11091
45466	11092
45902	11109
46002	11110
46111	11125
47305	11102
48305	11101
48495	11107
48504	11108
48571	11100
52002	12231
52004	12230
52010	12233
53001	12232
54300	12108
54400	12109
54410	12106
54510	12107
54722	12104
55200	14402
55203	14403
55280	14324
55286	Disc.
55301	14308
55302*	14330
55304	14305
55307	14300
55308	14301
55310	14303
55311	14302
55315	14307
55320	14309
55660	Disc.
55663	14101
55664	Disc.
55666	14118
55671	14103
55672	14109
55672	14112
55676	14119
55686	14105
55692	Disc.
55816	14466
55905	14416
55854	14461

Forney	Shark
55910	Disc.
55971	14427
55984	14425
55991	14422
56000	12100
56200	12101
56205	12103
56800	14206
56801	14208
56900	14221
56901	14223
57005	14200
57008	14201
57009	14202
57010	14203
57011	14204
57012	14205
57050	14211
57051	14212
57052	14213
57053	14214
57054	14215
57055	14216
57056	14217
57060	14209
57061	14210
57070	14218
57071	14219
57103	14225
57105	14226
57601	12236
57602	12235
57710	12226
58400	12225
58402	12224
58601	14314
58602	14312
58603	14313
58612	14317
58613	14318
58617	14310
58618	14311
58619	14319
58620	14320
60001	14070
60013	14027
60014	14028
60015	14029
60016	14030
60017	14031
60018	Disc.
60025	12800
60026	12793
60027	12794
60028	12795
60030	12797
60031	12798
60032	12799
60033	12801
60034	12804
60035	12803
60036	12802
60050	12787
60051	12788
60052	12789
60053	12790
60054	12791
60055	12792
60090	12300
60091	12301
60092	12302
60093	12303
60094	12304
60095	12305
60096	12306
60097	Disc.
60098	12308
60099	12310
60100	12311
60101	12312
60120	16000
60121	16001
60122	16006
60124	16008
60125	16009
60126	16011
60127	16012
60170	12937
60171	12938
60172	12939
60300	14026
60325	12283
60326	12284
60330	12285
60331	12286
60332	Disc.
70201	12222

Forney	Shark
70221	Disc.
70225	12217
70226	12218
70227	12219
70228	12220
70229	12221
70301	12223
70326	16051
70365	16050
70367	16052
70368	16053
70369	16054
70371	16055
70372	16056
70373	16057
70374	16058
70375	16060
70376	16061
70377	16059
70378	16064
70379	Disc.
70385	16062
70386	16063
70469	14014
70470	Disc.
70471	14017
70472	14018
70483	14019
70484	Disc.
70485	14013
70488	14000
70489	14005
70490	14004
70491	14003
70500	12113
70501	14020
70503	14002
70504	14006
70505	14010
70506	14001
70507	N/A
70508	14021
70509	14023
70511	14007
70518	14008
70519	14011
70520	14012
70521	14009
70525	14043
70529	14085
70533	14065
70537	14074
70541	14067
70550	14093
70551	14094
70601	12112
70610	12111
70710	12201
70714	12202
70716*	12250
70717*	12252
70718	Disc.
70722	12205
70795	12207
70796	12208
70797	12209
70801	12213
70802	12214
70803	12216
70804	12212
70805	12215
70807	12211
70815	12248
71685	12921
71686	12922
71687	12923
71688	12918
71689	12919
71690	12920
71691	12915
71692	12916
71693	12917
71694	12912
71695	12913
71696	12914
71736	12812
71737	12813
71738	12814
71739	12815
71740	12816
71741	12817
71742	12818
71749	12805
71750	12806
71751	12807
71752	12808
71753	12809

Forney	Shark
71754	12810
71755	12811
71757	12819
71758	12820
71759	12821
71760	12822
71761	12823
71762	12824
71763	12825
71765	12826
71766	12827
71767	12828
71768	12829
71769	12830
71770	12831
71771	12832
71780*	12702
71786*	12708
71798	12730
71803	12924
71804	12925
71805	12926
71806	12927
71818	12750
71819	12751
71820*	12731
71821*	12732
71822	12734
71823	12736
71824	12753
71826	12759
71827	12738
71830	12755
71833	12739
71834	12761
71835	12752
71840*	12702
71841*	12704
71842*	12706
71843*	12708
71844*	12712
71845*	12714
71847*	12722
71855	12700
71856	12710
71876	12733
71877	12735
71878	12737
71879	12754
71883	12756
71890	12763
71891	12764
71894*	12726
71895*	12728
71896	12747
71897	12745
71899	12749
71915	13013
71986	45838
71987	45840
72234	14052
72235	14053
72236	14054
72237	Disc.
72238	14056
72239	13202
72240	13201
72241	13203
72242	13209
72243	13210
72266	14072
72270	14097
72271	14060
72272	14063
72273	14083
72274	14088
72275	14076
72276	14075
72277	14078
72278	14077
72279	14079
72282	14042
72283	14041
72284	14045
72285	14044
72286	14046
72287	14086
72288	14084
72290	14089
72291	14087
72292	14062
72293	14061
72294	14064
72295	12765
72296	12766
72297	12769
72298	12770

Forney	Shark
72302	13211
72303	13207
72317	12724
72322	13205
72323	13206
72325	14050
72327	14049
72328	14051
72329	14071
72330	14073
72331	14066
72332	14068
72335	14057
72336	14058
72338	14059
72341	12726
72343	12696
72345	12728
72347	12698
72352	12727
72354	12697
72356	12729
72358	12699
72363	14090
72364	14091
72365	14092
72375	12691
72376*	12726
72377*	12728
72380	12742
72381	12744
72382	12746
72383	12748
72385	12936
72386	12935
72390	12932
72391	12933
72395	12784
72396	12785
72397	12781
72398	12780
72400	12772
72401	12771
72402	12773
72403	12774
72404	12775
72405	12776
72406	12777
72407	12778
72408	12779
72485	12959
72486	12961
72487	12962
72488	12963
72489	12954
72491	12952
72492	12953
72493	12957
72494	12955
72495	12952
72496	12957
73148	13212
75200	10999
85333	12849
85338	12851
86101	12264
86102	12237
86103	12239
86104	12240
86105	12265
86109	12266
86113	12260
86116	12261
86119	12242
86120	12241
86121	Disc.
86122	12238
86124	12287
86125	12288
86126	12272
86127	12274
86128	12276
86129	12279
86130	12278
86131	12280
86134	12267
86135	12273
86136	12275
86137*	12277
86138	12281
86139	12244
86140	12243
86141	16100
86142	16101
86144	16103
86145	12270
86146	12271

Forney	Shark
86791	12537
86792	12538
86793	12539
86794	12540
86801	12542
86802	12543
86803	12544
86804	12545
86810	12547
86811	12548
86812	12549
87109	12506
87110	12507
87111	12508
87112	12509
87113	12510
87119	12512
87120	12513
87121	12514
87122	12515
87123	12516
87131	12526
87200	12518
87201	12519
87202	12520
87203	12521
87204	12522
87205	12523
87206	12524
87496	12428
87727	12426
87728	12425
87729	12436
87730	12422
87791	12605
87805	12415
87806	12413
87807	Disc.
87808	12419
87809	Disc.
87810	12421
87811	12416
87814	12414
87820	12591
87821	12592
87822	12593
87823	12594
87824	12595
87825	12596
87831	12568
87832	12569
87832	12599
87833	12570
87833	12600
87833	12600
87834	12571
87834	12601
87835	12572
87835	12602
87836	12573
87850	12575
87851	12576
87852	12577
87853	12578
87854	12579
87855	12580
87856	12558
87856	12581
87900	12554
87901	12553
87902	12554
87903	12555
87904	12556
87905	12557
87917	12559
87918	12560
87919	12561
87920	12562
87932	12586
87933	12587
87934	12588
87935	12589
87936	12590
87940	12564
87942	12565
87944	12566
88031	12527
88033	12528
88034	12529
88049	12530
88051	12531
88070	12500
88071	12501
88072	12502
88073	12503
88075	12504
88078	12532

FORNEY/R&B/SHARK CROSSOVER

Forney	Shark
88079	12533
88080	12534
93097	12050

R&B	Shark
7100	11000
7101	11001
7102	11002
7105	11003
7106	11004
7107	11005
7110	11006
7111	11007
7112	11008
7120	11009
7121	11010
7122	11011
7123	11012
7124	11013
7125	11014
7126	11015
7127	11016
7128	11017
7129	11018
7130	11019
7131	11020
7132	11021
7133	11022
7134	11023
7140	11024
7141	11025
7142	11026
7143	11027
7144	11028
7145	11029
7146	11030
7147	11031
7148	11032
7149	11033
7150	11034
7151	11035
7152	11036
7153	11037
7154	11038
7160	11039
7161	11040
7162	11041
7163	11042
7164	11043
7165	11044
7166	11045
7167	11046
7168	11047
7169	11048
7170	11049
7171	11050
7172	11051
7173	11052
7174	11053
7180	11054
7181	11055
7182	11056
7183	11057
7184	11058
7185	11059
7186	11060
7187	11061
7188	11062
7189	11063
7190	11064
7191	11065
7192	11066
7193	11067
7200	11068
7201	11069
7202	11070
7203	11071
7204	11073
7205	11074
7206	11075
7207	11076
7208	11077
7209	11078
7210	11079
7211	11080
7212	11081
7214	11082
7215	11083
7216	11084
7226	11085
7227	11086
7228	11087
7229	12254
7230	11088
7231	11089
7232	11090
7233	11091
7234	11092

R&B	Shark
7235	11093
7239	11097
7240	11098
7241	11099
7242	11100
7260	12040
7261	12041
7262	12039
7265	12000
7266	12001
7267	12002
7268	12003
7269	12004
7270	12005
7271	12006
7272	12007
7276	12008
7277	12009
7278	12010
7281	12011
7282	12012
7286	12013
7287	12014
7296	12034
7296	12035
7298	12031
7299	12030
7300	12022
7301	12023
7302	12025
7306	12026
7307	12027
7308	12028
7309	12029
7310	12036
7317	12038
7330	12018
7331	12019
7350	11103
7351	11101
7352	11102
7353	11104
7354	1110
7355	11106
07356*	11107
07357*	11108
07358*	11109
07359*	11110
7500	12100
7501	12100
7502	12102
7503	12103
7508	12104
7509	12105
7510	12106
7511	12107
7512	12108
7513	12109
7516	12111
7517	12112
7518	12113
7524	12234
7525	12201
7527	12202
7528	12203
7530	12205
7531	12206
7532	12207
7533	12208
7534	12209
7535	12210
7542	12211
07543/4	12212
7545	12213
7550	12214
7551	12050
07552/3	12215
7553	12216
7580	12217
7581	12218
7582	12219
7583	12220
7584	12221
7570	12222
7571	12223
07575*	12300
07576*	12301
07577*	12302
07578*	12303
07579*	12304
07580*	12305
07581*	12306
07582*	12307
07583*	12308
07584*	12310
07585*	12311
07586*	12312

R&B	Shark
07587*	12313
07588*	12314
07589*	12315
07590*	12316
7600	12224
7601	12235
7602	12225
7603	12236
7610	12250
7612	12252
7616	12248
7701	12937
7702	12938
7703	12939
7710	12851
7730	12964
7731	12965
7732	12966
7733	12967
7734	12968
7736	12969
7737	12873
7738	12874
7739	12875
7740	12876
7741	12877
7742	12878
7787	12253
8000	12401
8001	12403
8002	12405
8004	12406
8008	14480
8010	12237
8011	12238
8012	12239
8013	12240
8014	12245
8020	12241
8021	12242
8023	12243
8025	12244
8030	16100
8031	16101
8032	16102
8033	16103
8040	12260
8041	12261
8042	12264
8043	12265
8044	12266
8045	12262
8046	12267
8047	12270
8048	12271
8049	12263
8050	12287
8051	12288
8055	12272
8056	12273
8060	12274
8061	12275
8065	12276
8066	12277
8070	12278
8071	12279
8072	12280
8073	12281
8075	12282
8076	12289
8077	12283
8078	12284
8079	12290
8080	12422
8087	12427
8088	12428
8089	12429
8091	12420
8091	12430
8092	12433
8092	12425
8100	12500
8101	12501
8102	12502
8103	12503
8104	12504
8110	12505
8111	12506
8112	12507
8113	12508
8114	12509
8115	12510
8116	12511
8117	12512
8118	12513
8119	12514
8120	12515

R&B	Shark
8121	12516
8122	12517
8123	12518
8124	12519
8125	12520
8126	12521
8127	12522
8128	12523
8129	12524
8130	12525
8131	12526
8140	12527
8141	12528
8142	12529
8143	12530
8144	12531
8150	12532
8151	12533
8152	12534
8153	12535
8160	12536
8161	12537
8162	12538
8163	12539
8164	12540
8165	12541
8166	12542
8167	12543
8168	12544
8168	12545
8170	12546
8171	12547
8172	12548
8173	12549
8174	12550
8175	12551
8180	12552
8181	12553
8182	12554
8183	12555
8184	12556
8185	12557
8186	12558
8192	12564
8193	12565
8194	12566
8195	12567
8196	12568
8197	12569
8198	12570
8199	12571
8200	12572
8201	12573
8202	12574
8260	12575
8261	12576
8262	12577
8263	12578
8264	12579
8265	12580
8266	12581
8267	12582
8268	12583
8270	12585
8271	12586
8271	12559
8272	12587
8272	12560
8273	12588
8273	12561
8274	12589
8274	12562
8275	12563
8275	12590
8276	12591
8277	12592
8278	12593
8279	12594
8280	12595
8281	12596
8282	12597
8283	12598
8284	12599
8285	12600
8286	12601
8287	12602
8288	12603
8291	12605
8310	12420
8312	12416
8315	12421
8316	12417
8317	12415
8318	12413
8319	12412
8500	12700
8502	12701

R&B	Shark
8504	12702
8506	12703
8508	12704
8510	12705
8512	12706
8514	12707
8516	12708
8518	12709
8520	12710
8522	12711
8524	12712
8526	12713
8528	12714
8530	12715
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8534	12717
8540	12718
8542	12719
8546	12722
8548	12723
18550	12724
8551	12725
8556	12726
8557	12727
8559	12728
8560	12729
8570	12694
8571	12695
8574	12696
8575	12697
8578	12698
8579	12699
08595*	12731
08598*	12732
8599	12733
08605*	12734
8606	12735
8607	12736
8608	12737
8609	12738
08610*	12739
8611	12740
08612*	12741
8625	12742
08626*	12743
8628	12744
08629*	12745
8640	12750
8641	12751
8642	12752
8643	12753
8644	12754
8649	12755
8650	12756
8656	12746
8656	12759
8657	12747
8657	12760
8658	12749
8658	12762
8659	12748
8659	12761
8670	12763
8671	12764
8675	12765
8676	12766
8677	12767
8678	12768
8679	12769
8680	12770
8690	12771
8691	12772
8692	12773
8694	12774
8695	12775
8696	12776
8698	12777
8699	12778
8700	12779
8702	12780
8703	12781
8706	12933
8708	12691
8708	12782
8710	12787
8711	12788
8712	12789
8713	12790
8714	12791
8715	12792
8716	16000
8717	16001
8718	16006
8720	12800
8721	12798
8722	12797
8723	12795

R&B	Shark
8724	12793
8725	12799
8726	12796
8727	12794
8728	12801
8729	12803
8730	12802
8731	12804
8732	16008
8733	16009
8734	16011
8735	16012
8740	12954
8742	12952
8743	12953
8744	12951
8745	12955
8746	12956
8747	12960
8750	12659
8751	12961
8752	12962
8753	12963
8760	12936
8762	12935
8765	12805
8766	12806
8767	12807
8768	12808
8769	12809
8770	12810
8771	12811
8773	12812
8774	12813
8775	12814
8776	12815
8777	12816
8778	12817
8779	12818
8781	12819
8782	12820
8783	12821
8784	12822
8785	12823
8786	12824
8787	12825
08790*	12826
08791*	12827
08792*	12828
08793*	12829
08794*	12830
08795*	12831
08796*	12832
08798*	12833
08799*	12834
08800*	12835
08801*	12836
08802*	12837
08802*	12838
08804*	12839
8813	13013
8816	13008
8817	13007
8819	13006
8825	12912
8826	12913
8827	12914
8828	12915
8829	12916
8830	12917
8832	12918
8833	12919
8834	12920
8836	12921
8837	12922
8838	12923
8850	12924
8851	12925
8852	12926
8853	12927
8871	13201
8872	13202
8873	13204
8875	13205
8878	13206
8883	13210
8884	13209
8885	13211
9000	14000
9001	14001
9002	14002
9003	14005
9004	14003
9006	14004
9010	14006
9011	14010
9017	14009

R&B/US FORGE/SHARK CROSSOVER

R&B	Shark
9018	14012
9020	14022
9021	14021
9022	14023
9025	14018
9025	14024
9026	14013
9027	14019
9028	14020
9030	14025
9031	14026
9040	14073
9041	14071
9043	14070
9044	14072
9052	14027
9053	14028
9054	14029
9055	14030
9056	14031
9057	14032
9058	14036
9059	14034
9060	14035
9080	14060
9081	14063
9082	14062
9083	14061
9084	14064
9085	14066
9090	14083
9091	14088
9092	14086
9093	14084
9094	14087
9095	14089
9100	14052
9101	14053
9102	14054
9103	14055
9104	14056
9105	14057
9106	14058
9107	14059
9110	14090
9111	14091
9112	14092
9115	14093
9116	14094
9120	14075
9121	14078
9122	14076
9123	14077
9124	14079
9125	14081
9126	14080
9127	14082
9130	14042
9131	14041
9132	14045
9133	14044
9134	14046
9135	14047
9136	14048
9139	14049
9145	14074
9146	14043
9147	14085
9149	14067
9504	14116
9509	14439
9512	14103
9513	14109
9514	14105
9530	14200
09530B	14227
9531	14201
09531B	14228
9532	14202
09532B	14229
9533	14203
09533B	14230
9534	14204
09534B	14231
9535	14205
09535B	14232
9537	14206
9538	14208
09538B	14233
9539	14433
9540	14209
09540B	14236
9541	14210
09541B	14237
9546	14211
09546B	14238
9547	14212

R&B	Shark
09547B	14239
9548	14213
09548B	14240
9549	14214
09549B	14241
9550	14215
09550B	14242
9551	14216
09551B	14244
9552	14217
09552B	14243
9553	14218
09553B	14245
9554	14219
09554B	14246
9555	14221
9558	14225
9559	14226
9570	14306
9571	14308
9572	14305
9575	14301
9576	14300
9577	14302
9578	14307
9579	14309
9580	14330
9585	14317
9586	14312
9587	14318
9588	14313
9589	14314
9595	14327
9599	14328
9604	14323
9605	14324
9607	14322
9616	14401
9617	14402
9618	14404
9619	14403
9655	14425
9657	14423
9658	14424
9674	14432
9714	14417
9715	14418
9726	14453
9730	14458
9730	14459
9730	14460
9755	14452
9757	14454
9843	14414
9853	14415
9897	14503
9898	14504
9680	14462

US Forge	Shark
00031	11120
00033	11119
00064	12021
00074	12010
00077	N/A
00088	14208
00089	14217
00090	14200
00091	14202
00092	14204
00093	14205
00094	14220
00095	14212
00096	14214
00097	14215
00102	14203
00103	14206
00104	14213
00105	14217
00106	14339
00108	14302
00109	14308
00110	14101
00113	14300
00118	14327
00119	14309
00125	14119
00126	14118
00127	14117
00140	14467
00172	12050
00200	12100 (1)
00201	12106
00203	12100
00206	12250
00207	12252
00208	12102

US Forge	Shark
00210	12107
00301	12112
00302	14006
00303	14007
00400	14403
00401	14404
00502	10999
00504	12938
00505	12939
00506	12237
00507	12238
00509	12239
00511	12980
00518	12208
00547	12256
00548	12213
00549	12216
00551	12214
00600	12236
00601	12235
00602	12225
00603	12224
00604	12304
00606	12313(2)
00610	12311
00611	16101
00613	16100
00614	16102
00615	12222
00616	12202
00617	12219
00618	12221
00619	12217
00620	12218
00621	12226
00634	12231
00637	12230
00652	12000
00657	12051
00662	12002
00667	12004
00669	12043
00672	12005
00676	12013
00677	12007
00678	12011
00679	12012
00680	12300
00681	12301 (2)
00682	12302
00683	12303
00685	12308
00686	12305
00687	12306
00688	12308
00689	12310
00690	12311
00691	12312
00700	12772
00701	12771
00702	12773
00704	12734
00705	12731
00706	12736
00707	12738
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00710	12753
00711	12755
00712	12765
00713	12766
00717	12769
00718	12770
00719	12732
00722	12742
00723	SDP702SC
00725	12744
00726	12963
00728	12961
00729	12959
00730	12960
00731	12954
00732	12953
00734	12952
00735	12955
00736	12957
00738	12750
00740	12787
00741	12788
00742	12789
00743	12790
00744	12791
00745	12792
00748	12752
00751	A4G
00752	A5P
00753	A11

US Forge	Shark
00754	A12G
00755	A23P
00756	A24G
00757	A25G
00758	A38G
00759	W218P
00760	W220G
00761	A15G
00762	12764
00765	12724
00766	12726
00768	12710
00769	12711
00771	12700(10)
00775	12702
00777	12706
00778	12707
00779	12708(5)
00780	12709
00781	12712
00782	12713
00783	12704(10)
00785	12714
00786	12715
00789	13067(10)
00792	45838
00793	45840
00794	F436Z
00795	F460Z
00796	F480Z
00797	13069(5)
00799	12728(1)
00800	12243
00801	12242
00802	12241
00812	12201
00885	13130
00886	13131
00887	13122
00888	13120
00889	13121
00890	13123
00891	13110
00892	13111
00893	13113
00894	13105
00895	13106
00896	13108
00910	12856
01103	14066
01104	14084
01107	14128
01108	14067
01114	14079
01115	14061
01116	14086
01117	14087
01123	11010
01124	11011
01130	14076
01131	14082
01133	11015
01134	11016
01135	14057
01136	14042
01138	14041
01143	11020
01144	11021
01145	14075
01146	14080
01148	14081
01149	14046
01150	14073
01151	14071
01153	14031
01160	14093
01161	14094
01162	14070
01163	14072
01165	14095
01166	14097
1168	14027
01173	14020
1173	14020
01174	14002
01175	14010
01176	14001
1177	14021
01180	14000
01184	14017
01185	14018
01323	11025
01324	11026
01333	11030
01334	11031
01343	11035
01344	11036

US Forge	Shark
01423	11040
01424	11041
01433	11045
01434	11046
01443	11050
01444	11051
01602	12254
01823	11055
01824	11056
01833	11060
01834	11061
01843	11065
01844	11066
01932	11097
01933	11098
02350	12040
02352	12253
03001	12028
03002	12027
03003	12026
03023	12024
03031	12031
03032	12035
03033	12034
03034	12033
03040	12016
03041	12017
03042	12020
03051	12037
03052	12038
03054	12015
06633	11015
07331	11099
08015	12443
08016	12444
08026	12459
08027	12460
08028	12491
08029	12490
08030	12426
08032	12425
08036	12422
08044	12525
08100	12552
08101	12553
08102	12554
08103	12555
08104	12556
08105	12557
08106	12558
08322	12518
08323	12519
08324	12520
08325	12596
08326	12522
08331	12585
08332	12586
08333	12587
08334	12588
08335	12589
08336	12590
08350	12575
08351	12576
08352	12577
08353	12578
08354	12579
08355	12580
08356	12581
08608	12505
08609	12506
08610	12507
08611	12509
08613	12510
08614	12511
08619	12512
08620	12513
08621	12514
08622	12515
08623	12516
08624	12517
08625	12518
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08701	12542
08702	12543
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08915	12447
08916	12277
08920	12247
08922	12283
08923	12284
08924	12285
08925	12286
08927	12274
08928	12275
08950	12263
08951	12265

US Forge	Shark
08952	12266
08954	12270
08955	12271
10872	12014
50222	11115
50223	11116
50632	11118
50633	11119
50832	11118
50833	11119
50932	11118
50933	11119
88100	14107
88122	14272
88126	14278
91132	14078
91133	14077
91134	14045
91137	14078
99075	14275
99077	14219
99078	14219
99081	14201
99126	14120
99128	14312
99129	14313
99200	12805
99201	12806
99202	12807
99203	12808
99205	12809
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W229	76/77
W235	76/77
W236	76/77

MERCHANDISING DISPLAYS

Shark has the perfect formula for successful sales. Our welding planograms and display racks have been updated to include the fastest selling products in some of our latest packaging. Included in the assortments are Abrasives, Wire Wheels, Rod, Wire, Electrode Holders, Cutting Tips, Mig Tips, Cutting Kits (on some), Helmets, and Welding Hose.

Request our display brochure for a more complete listing by part number, or view it online at www.sharkind.com

Item#	Description
17008	Small 2 Sided Spinner
17009	Large 4 Sided Spinner
17050	4' x 5' Planogram
17051	8' x 5' Planogram
17052	12' x 5' Planogram

17008

17009

17050

NEW! PRODUCTS FROM SHARK

BLACK MAMBA TORQUE GRIP GLOVES

Features & Benefits:

- Raised Torque Grip
- Finished 6.25 mil between Torque Grips and 10.25 mil thick at Torque Grip
- 3X the chemical and puncture resistance of a comparable thickness latex or vinyl glove

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BLACK MAMBA NITRILE GLOVES

Features & Benefits:

- Made with a patented NITREX® polymer
- Over 6.0 mil thick
- 3X the chemical and puncture resistance of a comparable thickness latex or vinyl glove

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BLUE MAMBA NITRILE GLOVES

Features & Benefits:

- Made from heavy duty professional-grade latex
- Thickness of an incredible 5.75 mil
- Lighter color makes it easier to see certain chemicals and solvents

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ANGLED APPLICATOR BRUSH

Item# 15218
Features & Benefits:
Our newest brush provides proper application of mounting paste. It's angled to allow easy access to the "toe area" of the bead most commonly damaged during mounting. This brush is equivalent to the Hunter RP6-1506.

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PLASMA CUTTER

Item# 17027
Features & Benefits:

- Dual voltage, 120V/230V
- Easy to use
- Cuts up to 6mm materials
- Includes IGBT inverter with thermal overload protection

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ABRASIVE METAL SUPPLY CABINETS

Item# 16990 & 16993
Features & Benefits:

- Easy storage and refill
- Most popular shop supplies
- Assorted grits

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GOLD PRO DISCS

Features & Benefits:

- Heavy aluminum oxide
- Long life
- European made
- Paper backed

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SUPER BLUE DISCS

Features & Benefits:

- Fired aluminum oxide
- PSA or velcro
- Non-loading
- Film backing

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