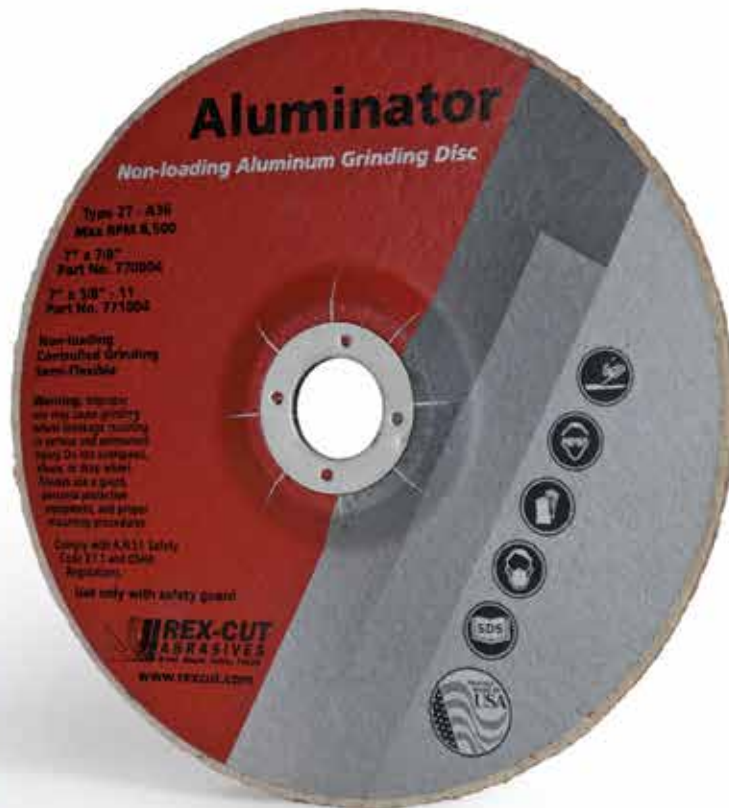


REX-CUT ABRASIVES

PRODUCT CATALOG



 **REX-CUT**
ABRASIVES
Grind. Blend. Debur. Finish.
IMPROVE YOUR DAILY GRIND

IMPROVE YOUR DAILY GRIND

At Rex-Cut we are focused on improving the daily grind. This means manufacturing safe abrasive products for metalworkers, creating more efficient solutions for grinding, blending, and deburring applications, while supporting an employee first workplace.

We mean it. Rex-Cut is a 100% employee owned company. From customer service to manufacturing to sales to R&D, we each take great pride in our work, ensuring premium products and exceptional service.

You can rely on the Rex-Cut team to provide top quality abrasive products that improve finishing processes and bottom lines.





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In-Stock Products

Safety & Technical Guide.....

ABRASIVE INFORMATION

Rex-Cut Cotton Fiber products are constructed with our signature abrasive material which is manufactured exclusively in our Fall River, Massachusetts plant, making all of our cotton fiber products Made in the USA.

**MADE IN
USA**

COTTON FIBER ABRASIVES

Rex-Cut Abrasives is the oldest and primary manufacturer of cotton fiber abrasive grinding and finishing products. Since 1928, Rex-Cut has made abrasive material using a unique process that embeds grain in non-woven cotton fabric. Varying hardnesses and grits are available to produce products that excel on stainless steel, aluminum, mild steel, and exotics.

APPLICATIONS

Our cotton abrasive products are used throughout the world for a variety of applications requiring medium to light metal removal, deburring, and finishing.

Industries using Rex-Cut Abrasives products include:

- aircraft
- aerospace
- automotive
- ship building
- jewelry
- tool and die
- food processing
- dairy
- medical
- firearms
- energy
- cutlery
- general fabrication

PRODUCTS

Our cotton fiber abrasive line includes:

- Mounted Points
- Type 1 Wheels
- Type 27 Grinding and Blending Wheels
- Quick Change Discs
- Finishing Sticks

ADVANTAGES

Reduced grinding time. Our abrasives consistently reduce finishing from two or three steps, to just one.

Non-loading. Cotton Fiber abrasives are naturally non-loading so they will not clog when working on aluminum.

Cool action. Due to the cotton fiber construction, new grain is continually exposed during the grinding process resulting in a cooler operation.

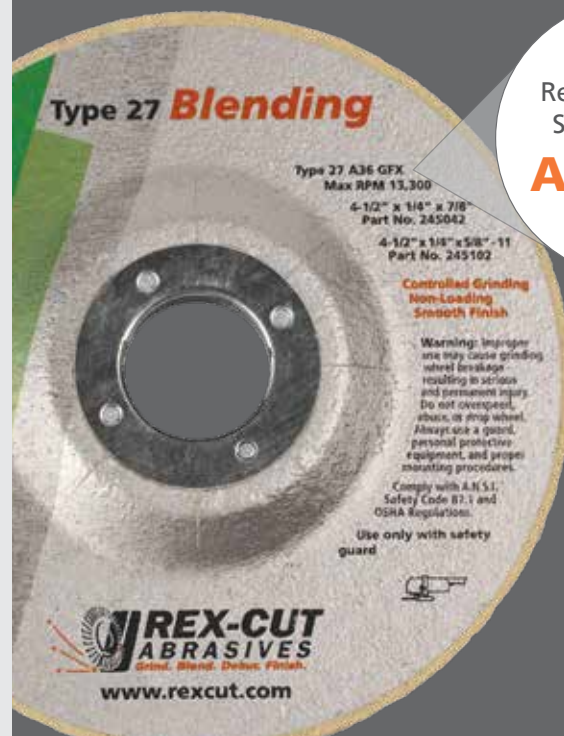
Smooth, Quiet Action. Our cotton fiber abrasive material is resilient, which creates very low vibration products. Rex-Cut products run chatter free and are easy on the operator.

Application tailored. Many grit, bond, and size options are available to suit specific applications.

STANDARD MARKING SPECIFICATIONS

GRAIN TYPE		GRAIN SIZE	
A	Aluminum oxide	16, 24, 36	Coarse
		54, 80	Medium
C	Silicon carbide	120, 180	Fine
		320	Very fine

BOND		
GFX	Soft	Flexible synthetic latex bond for light deburring, blending, and finishing in one operation
JTX	Medium	Medium resin bond for light deburring, long life
MTX	Hard	Hard resin bond for light to medium stock removal, long life
NTX	Very hard	Very hard resin bond for medium stock removal, long life
IGX	Soft	For specialty applications



Reading Wheel
Specification:

A36 GFX

SURFACE FINISH COMPARISONS

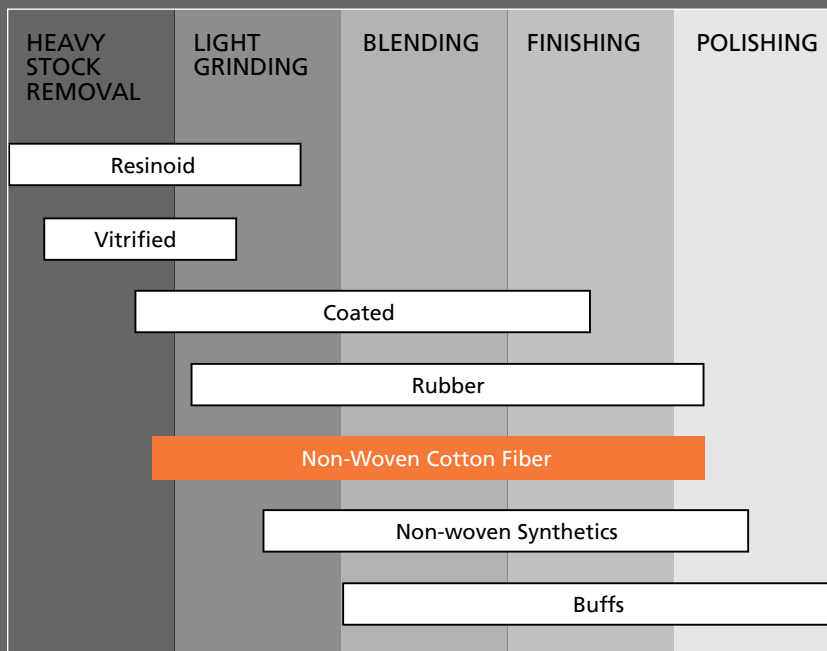
Measured in micro-inches for a value of RA (roughness average)

GRAIN SIZE	CONVENTIONAL ABRASIVES RA*	REX-CUT COTTON FIBER RA**	SIGMA GREEN RA**
24	210 – 240	110 – 130	
36	185 – 205	38 – 80	100
54 (60)	140 – 180	30 – 60	80
80	65 – 175	20 – 50	
120	45 – 60	15 – 30	
180	25 – 40	10 – 20	
240	8 – 20	N/A	
320	6 – 15	5 – 10	

*Industry data for conventional abrasives on stainless steel

**Rex-Cut RA values measured with a Mahr Federal Surface analyzer.
The values are an average taken from multiple measurements on 304 stainless steel.

GRINDING WHEEL SPECTRUM



NON-WOVEN COTTON FIBER VS. SYNTHETIC PRODUCT COMPARISON

SYNTHETIC WHEEL DENSITY RANGE								
2	4	5	6	7	8	9		
Soft			Medium			Hard		
			Smooth Touch			Rex-Cut GFX		
			← →			← →		

PRODUCT COMPARISON CHART

COMPETITIVE SPECIFICATIONS			REX-CUT ABRASIVES
EXL 8A XCoarse	811	NEX 8AXC	• A36 GFX • Smooth Touch AO Coarse
EXL 8A Coarse		NEX 8AC	
CP 7A Coarse			
CP 9A Coarse	911	NEX 6AM	• A54 GFX • Smooth Touch AO Medium
CP 5A Medium	721	NEX 8AM	
CP 7A Medium	821		
EXL 6A Medium			
EXL 8A Medium			• A80 GFX • Smooth Touch AO Fine
CP 9A Medium	921	NEX 6AF	
CP 5A Fine	731	NEX 8AF	
CP 7A Fine	831		
EXL 6A Fine	931		• Smooth Touch SC Coarse • C54 GFX • Smooth Touch SC Medium
EXL 8A Fine			
CP 7S Medium		NEX 7SXC	
CP 9S Medium		NEX 6SM	
EXL 6S Medium		NEX 7SM	• C80 GFX • Smooth Touch SC Fine
EXL 8S Medium		NEX 8SM	
CP 9S Medium	632	NEX 6SF	
CP 7S Fine	732	NEX 7SF	
EXL 6S Fine		NEX 8SF	
EXL 8S			

MOUNTED POINTS

For precision deburring, smooth edge breaking, or small weld blending, Rex-Cut Mounted Points are available in many materials and grits to match your application needs.



COTTON FIBER MOUNTED POINTS

Rex-Cut's signature mounted points are engineered for blending, deburring, and finishing machined and cast parts.



METALS

Stainless steel - Aluminum - Exotic metals
Mild steel - Brass

BENEFITS

Debur and finish in one step
Controlled metal removal without changing part geometry
Long life
Smooth, chatter free operation
Superior surface finishing on stainless steel and aluminum
Non-loading on aluminum, brass, and other non-ferrous metals

SPECIFICATIONS

Grit Types

A: Aluminum oxide
C: Silicon carbide

Grain Sizes

24, 36: Coarse
54, 80: Medium
120, 180: Fine
320: Very fine

Bonds

GFX: Soft, for light deburring & blending
JTX: Medium, for light deburring with longer life
MTX: Hard, for light to medium stock removal

STANDARD VS. SPECIAL

Grit	GFX	JTX	MTX
A24			
A36			
A54			
A80			
A120			
A180			
A320			

	Standard make
	Special make

APPLICATIONS

Aircraft/Aerospace

Debur and finish engine components

Automotive

Debur and finish machined/cast parts

Tool & Die

Clean, debur, repair, and finish

Fabrication

Blend corners, break edges, debur I.D. and O.D.

Jewelry

Remove parting lines and finish castings

AVAILABILITY

Rex-Cut mounted points are available in many shape, grain, and bond combinations. Please see the specifications chart above for Grain/Bond options and the Shape Chart on pages 7-11 for size availability.

IN-STOCK POINTS

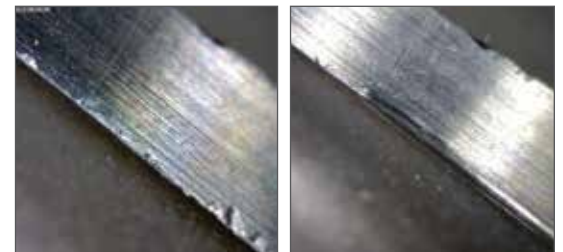
DESCRIPTION	MANDREL	SPEC	PART #
B52	D1	A80 GFX	320904
B121	D1	A80 GFX	323504
B122	D1	A80 GFX	323704
W154	D1	A120 GFX	331205
W163	D1	A80 GFX	332304
W163	D1	A120 GFX	332305
W163	D1	A180 GFX	332306
W163	D1	A80 MTX	332324
W176	D1	A80 GFX	333804
W176	D1	A120 GFX	333805
W177	D1	A80 GFX	334204
W185	D1	A80 GFX	335504
W.75 x .098 - Seat Track Cleaner	D2	A54	350029
W.75 x .098 - Seat Track Cleaner	D2	A80	350030

D1 = 1/8" x 1-1/2" mandrel - D2 = 1/4" x 1-1/2" mandrel. Other items may be in stock. Please call to check availability.

UNIQUE QUALITY

Rex-Cut Cotton Fiber points create an arch when finishing edges, instead of a bevel. This rounded edge helps distribute pressure more evenly and is useful for precision parts used in high stress applications.

The micro-photos below show a high nickel alloy turbine blade before and after being finished by a W163 A80 MTX point.



Die Grinder

**MADE IN
USA**

COTTON FIBER MAX MOUNTED POINTS

Rex-Cut's latest mounted points are manufactured with extra grain for faster metal finishing.



Die Grinder

**MADE IN
USA**

APPLICATIONS

Fabrication

Weld grinding/blending
Weld radiusing
Edge breaking
Debur I.Ds
Debur O.Ds

SPECIFICATIONS

Grit Types

A: Aluminum oxide

Grain Sizes

24, 36: Coarse

AVAILABILITY

Rex-Cut Cotton Fiber Max Points are available in many sizes, please see the Shape Chart on pages 7-11 for size availability.

METALS

Stainless steel - Aluminum - Exotic metals
Mild steel - Brass

BENEFITS

Non loading on aluminum & other non-ferrous metals
Long life on aluminum & other non-ferrous metals
More aggressive stock removal over standard cotton fiber on all metals
Better finish compared to resinoid points on all metals
Can be used to remove rust & mill scale on steel

UNIQUE QUALITY

Cotton Fiber Max is loaded with extra grain in a specially formulated bond to take advantage of the extra grain. Use these points when metal removal is the goal.

VELOCITY MOUNTED POINTS

VELOCITY Mounted Points are a blend of zirconia and aluminum oxide grain in a resin bond. These aggressive points are for metal removal applications on ferrous and non-ferrous metals. **Excellent choice for high performance general purpose grinding stones.**



Die Grinder

**MADE IN
USA**

SPECIFICATIONS

Grain

ZA30
ZA36

Bond

Resin

METALS

Ferrous and non-ferrous metals

BENEFITS

Zirconia and aluminum oxide blend
Aggressive metal removal

APPLICATIONS

Grinding welds - Stock removal

AVAILABILITY

SHAPE	SIZE	STD. MANDREL	SPECIFICATION	PART #
A1	3/4" x 2-1/2"	1/4" x 1-1/2"	ZA30 VB	848000
A3	1" x 2-3/4"	1/4" x 1-1/2"	ZA30 VB	848001
A11	7/8" x 2"	1/4" x 1-1/2"	ZA30 VB	848002
W189	1/2" x 2"	1/4" x 1-1/2"	ZA30 VB	848003
W197	5/8" x 2"	1/4" x 1-1/2"	ZA30 VB	848004
W208	3/4" x 2"	1/4" x 1-1/2"	ZA30 VB	848005
W220	1" x 1"	1/4" x 1-1/2"	ZA30 VB	848006
W221	1" x 1-1/2"	1/4" x 1-1/2"	ZA30 VB	848007
W222	1" x 2"	1/4" x 1-1/2"	ZA30 VB	848008
W164	1/4" x 3/4"	1/8" x 1-1/2"	ZA36 VB	848009
W179	3/8" x 1-1/4"	1/8" x 1-1/2"	ZA36 UB	848010

MEGABRITE UNITIZED MOUNTED POINTS

Rex-Cut Unitized Mounted Points are made by combining non-woven nylon with resin and either aluminum oxide or silicon carbide to produce a versatile and resilient abrasive option for your deburring, blending, and finishing needs.



SPECIFICATIONS

Grain/Bond

A/O Medium
S/C Fine

SELECTION TIP

Light deburring and blending, use Medium grade with high RPMs and moderate pressure.

Decorative finishing, use Medium to Fine grade with low RPMs and moderate pressure.

Polishing, use Fine to Very Fine grade with high RPMs and low pressure.

Use soft bonds when extra resilience is needed.

METALS

Stainless steel - Aluminum - Exotic metals
Mild steel - Brass

BENEFITS

Conformable
Smooth finishes
Enhanced control
Chatter free
Maintain part geometry
Easy to dress to fit profiles and hard to reach areas

APPLICATIONS

Debur machined parts
Blend minor tool marks
Debur and polish orthopedic implants and medical tools
Polish molds and dies
Polish engine parts
Reapply satin finish on stainless steel

TIP

Rex-Cut Megabrite Points are very forgiving which makes them popular in orthopedic finishing as well as precision machined parts.

AVAILABILITY

Megabrite Unitized Points are available in many sizes, please see the Shape Chart on pages 7-11 for shape availability.



Die Grinder

MADE IN
USA

RUBBER MOUNTED POINTS

Rex-Cut Rubber Mounted Points are made with a formula combining aluminum oxide grain and calendar synthetic rubber which has high tensile strength and is tear resistant. These synthetic mounted points have a softer bond compared to natural rubber.



SPECIFICATIONS

Grain Sizes

Coarse
Medium
Fine

AVAILABILITY

Rex-Cut Rubber Mounted Points are available in many sizes, please see the Shape Chart on pages 7-11 for shape availability.

METALS

Stainless steel - Aluminum
Exotic metals - Mild steel
Brass

BENEFITS

Formula combining aluminum oxide grain with calendar synthetic rubber
Can be used with coolant
High tensile strength
Tear resistant
Softer compared to natural rubber

APPLICATIONS

Edge Breaking to remove sharp edges on sheet metal.
Light Deburring to remove visible and microscopic burrs without impacting surrounding areas
Cleaning to remove undesirable surface deposits
Polishing and Smoothing to improve performance, appearance, cleanliness, and to lessen surface contamination



Die Grinder

MADE IN
USA

MOUNTED POINT SHAPES - A

Rex-Cut Mounted Points are available in many shapes. For a digital version of this chart, visit rexcut.com/mpchart

Dots show availability of product per shape

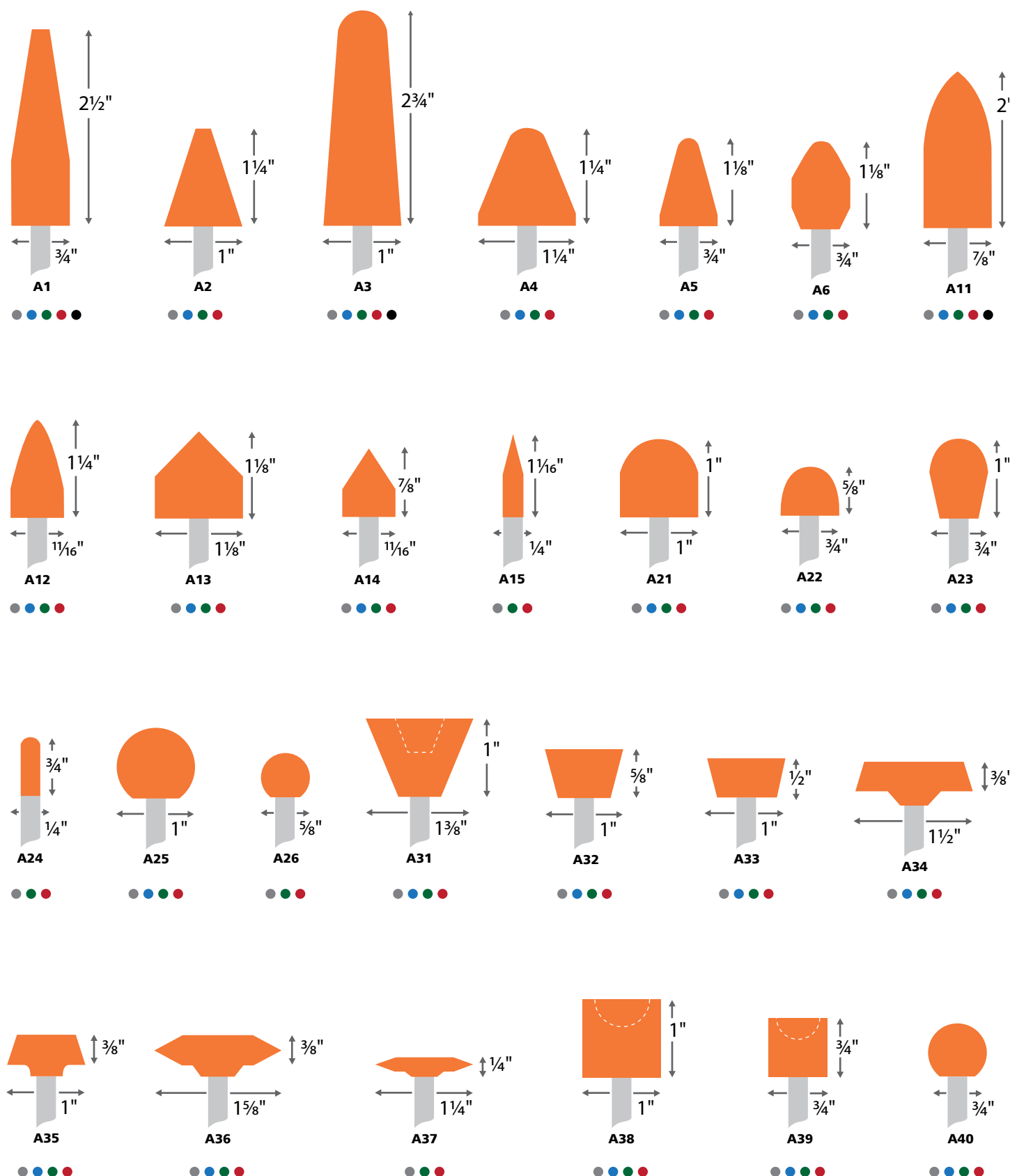
● Cotton Fiber

● Cotton Fiber Max

● Megabrite Unitized

● Rubber

● Velocity



MOUNTED POINT SHAPES - B

Rex-Cut Mounted Points are available in many shapes. For a digital version of this chart, visit rexcut.com/mpchart

Dots show availability of product per shape

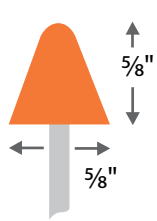
● Cotton Fiber

● Cotton Fiber Max

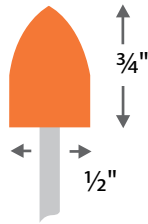
● Megabrite Unitized

● Rubber

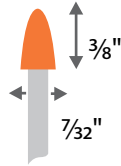
● Velocity



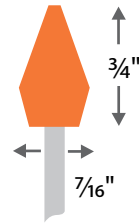
B41



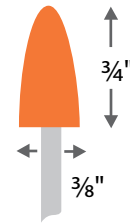
B42



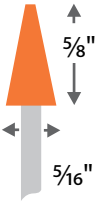
B44



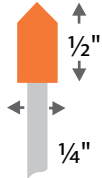
B51



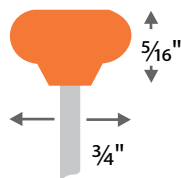
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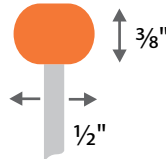
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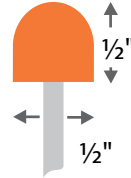
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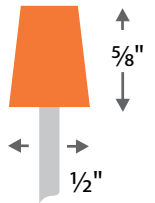
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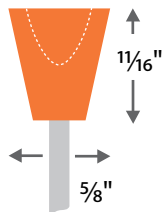
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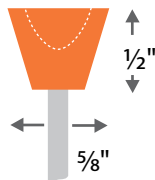
B90



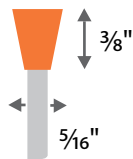
B91



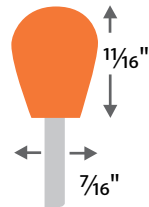
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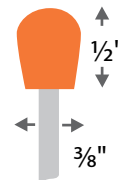
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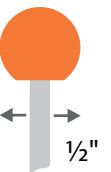
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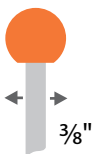
B111



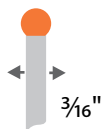
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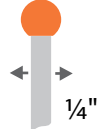
B121



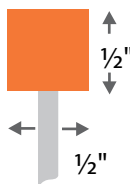
B122



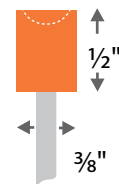
B123



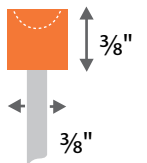
B125



B131



B132



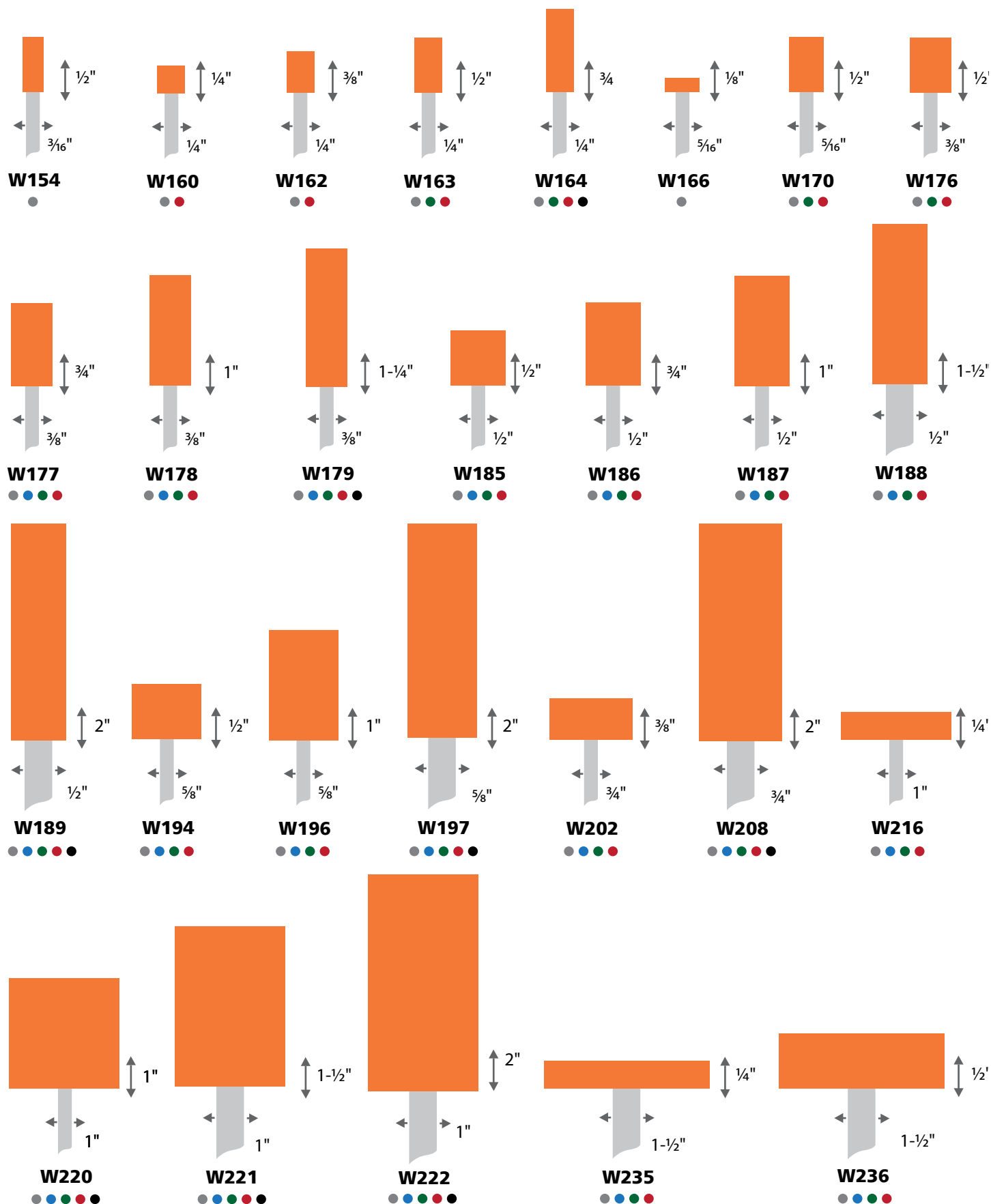
B133



MOUNTED POINT SHAPES - W (POPULAR)

Rex-Cut Mounted Points are available in many shapes. For a digital version of this chart, visit rexcut.com/mpchart

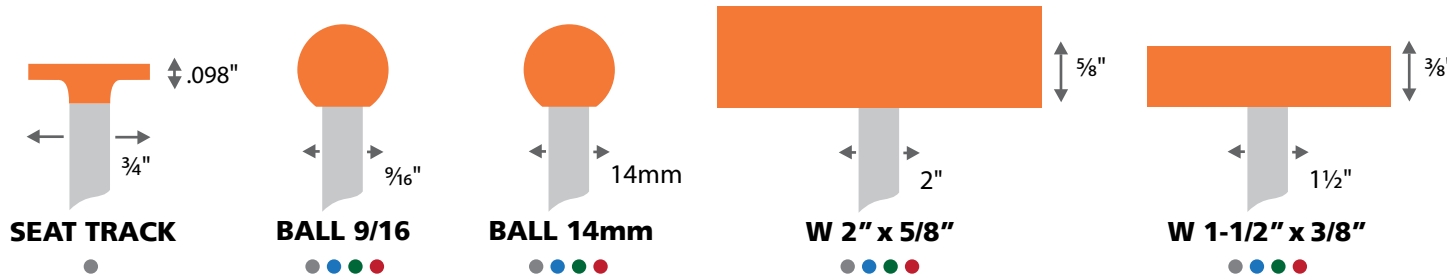
Dots show availability of product per shape ● Cotton Fiber ● Cotton Fiber Max ● Megabrite Unitized ● Rubber ● Velocity



MOUNTED POINT SHAPES - SPECIALS

Rex-Cut Mounted Points are available in many shapes. For a digital version of this chart, visit rexcut.com/mpchart

Dots show availability of product per shape ● Cotton Fiber ● Cotton Fiber Max ● Megabrite Unitized ● Rubber ● Velocity



MOUNTED POINT SHAPE CHART

Rex-Cut Mounted Points are available in many shapes. For a digital version of this chart, visit rexcut.com/mpchart

A SHAPES - 1/4" & 6MM MANDRELS

Shape	Diameter x Thickness		Maximum RPM	
	Inch	mm	*1/2" overhang	1" overhang
A1	3/4 x 2-1/2	19 x 64	19,800	16,100
A2	1 x 1-1/4	25 x 32	32,420	26,190
A3	1 x 2-3/4	25 x 70	15,530	11,940
A4	1-1/4 x 1-1/4	32 x 32	28,550	23,150
A5	3/4 x 1-1/8	19 x 29	38,550	31,270
A6	3/4 x 1-1/8	19 x 29	38,550	29,700
A11	7/8 x 2	22 x 50	19,860	15,100
A12	11/16 x 1-1/4	17 x 32	38,050	30,790
A13	1-1/8 x 1-1/8	29 x 29	31,850	25,810
A14	11/16 x 7/8	17 x 22	43,440	35,510
A15 +	1/4 x 1-1/16	6 x 25	50,510	41,470
A21	1 x 1	25 x 25	34,500	26,250
A22	3/4 x 5/8	19 x 16	46,120	37,960
A23	3/4 x 1	19 x 25	39,370	30,370
A24 +	1/4 x 3/4	6 x 19	56,000	46,400
A25	1 Ball	25 x 25	35,510	27,370
A26 +	5/8 Ball	16 x 16	48,980	40,410
A31	1-3/8 x 1	35 x 25	27,780	23,970
A32	1 x 5/8	25 x 16	38,200	33,480
A33	1 x 1/2	25 x 13	38,200	35,460
A34	1-1/2 x 3/8	38 x 10	25,460	25,460
A35	1 x 3/8	25 x 10	38,200	38,030
A36	1-5/8 x 3/8	41 x 10	23,510	23,510
A37 +	1-1/4 X 1/4	32 x 6	30,560	30,560
A38	1 x 1	25 x 25	34,500	26,250
A39	3/4 x 3/4	19 x 19	44,030	35,250
A40	3/4 Ball	19 x 19	44,030	35,250

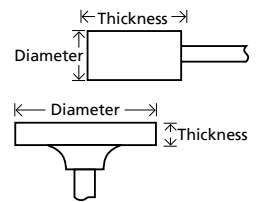
B SHAPES - 1/8" & 3MM MANDRELS

Shape	Diameter x Thickness		Maximum RPM	
	Inch	mm	*1/2" overhang	1" overhang
B41	5/8 x 5/8	16 x 16	33,750	23,250
B42	1/2 x 3/4	13 x 19	33,750	23,250
B44 +▲	7/32 x 3/8	6 x 10	68,400	42,370
B51	7/16 x 3/4	11 x 19	45,370	28,500
B52	3/8 x 3/4	10 x 19	45,370	28,500
B53 +▲	1/4 x 5/8	8 x 16	60,000	37,120
B54 +▲	1/4 x 1/2	6 x 13	60,000	38,020
B61 +	3/4 x 5/16	19 x 8	38,250	24,370
B62 +	1/2 x 3/8	13 x 10	41,020	26,400
B90 +	1/2 x 1/2	13 x 13	34,500	22,500
B91	1/2 x 5/8	13 x 16	34,500	22,500
B101 +▲	5/8 x 11/16	16 x 17	33,750	23,250
B102 +▲	5/11 x 1/2	16 x 13	45,370	28,500
B104 +	5/16 x 3/8	8 x 10	68,400	42,370
B111	7/16 x 11/16	11 x 17	33,750	23,250
B112	3/8 x 1/2	10 x 13	45,370	28,500
B121	1/2 Ball	13 Ball	45,370	28,500
B122	3/8 Ball	10 Ball	61,650	37,720
B123 +	3/16 Ball	5 Ball	84,720	54,760
B125 +	1/4 Ball	8 Ball	75,350	50,640
B131	1/2 x 1/2	13 x 13	34,500	22,500
B132	3/8 x 1/2	10 x 13	45,370	28,500
B133	3/8 x 3/8	10 x 10	54,000	33,000

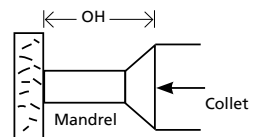
B SHAPES - 1/4" & 6MM MANDRELS

Shape	Diameter x Thickness		Maximum RPM	
	Inch	mm	*1/2" overhang	1" overhang
B41	5/8 x 5/8	16 x 16	61,120	43,020
B42	1/2 x 3/4	13 x 19	61,120	46,500
B51	7/16 x 3/4	11 x 19	72,630	49,420
B52	3/8 x 3/4	10 x 19	78,340	54,370
B61 +	3/4 x 5/16	19 x 8	50,930	45,120
B62 +	1/2 x 3/8	13 x 10	71,250	47,620
B91	1/2 x 5/8	13 x 16	61,500	42,000
B101 +▲	5/8 x 11/16	16 x 17	61,120	43,940
B102 +▲	5/8 x 1/2	16 x 13	61,120	42,770
B111	7/16 x 11/16	11 x 17	66,000	46,500
B112	3/8 x 1/2	10 x 13	80,200	54,370
B121	1/2 x 1/2	13 x 13	69,310	45,850
Ball	9/16 Ball	14 Ball	35,510	28,840

SHAPE MEASUREMENT GUIDE



STANDARD MANDREL RECOMMENDED OVERHANG



Overhang (OH) is the distance between the end of the collet and the base of the mounted point.

- * Standard mandrel / recommended overhang
- Not available in Megabrite
- ▲ Not available in Rubber
- + Not available in Cotton Fiber Max.

Other shapes might not be available in all materials.

All points with 1/8" diameter are made oversized.

W SHAPES - 1/8" & 3MM MANDRELS

Shape	Diameter x Thickness		Maximum RPM	
	Inch	mm	*1/2" overhang	1" overhang
W153 +•▲	3/16 x 3/8	5 x 10	73,880	49,890
W154 +•	3/16 x 1/2	5 x 13	66,580	44,130
W160 +•	1/4 x 1/4	6 x 6	75,330	50,640
W161 +•▲	1/4 x 5/16	6 x 8	71,150	45,970
W162 +•	1/4 x 3/8	6 x 10	67,210	42,370
W163	1/4 x 1/2	6 x 13	59,990	38,020
W164	1/4 x 3/4	6 x 19	45,900	29,300
W166 +•▲	5/16 x 1/8	8 x 3	84,750	48,750
W167 +•▲	5/16 x 1/4	8 x 6	70,060	45,750
W168 +•▲	5/16 x 5/16	8 x 8	65,900	41,770
W169 +•▲	5/16 x 3/8	8 x 10	61,650	37,720
W170 +▲	5/16 x 1/2	8 x 13	52,500	33,000
W171	5/16 x 3/4	8 x 19	37,120	25,130
W173 +▲	3/8 x 1/8	10 x 3	74,960	50,360
W174 +▲	3/8 x 1/4	10 x 6	65,510	41,250
W175 +▲	3/8 x 3/8	10 x 10	54,000	33,000
W176 +	3/8 x 1/2	10 x 13	45,370	28,500
W177	3/8 x 3/4	10 x 19	33,750	21,690
W178	3/8 x 1	10 x 25	26,250	15,870
W182 +•▲	1/2 x 1/8	13 x 3	66,810	43,650
W183 +▲	1/2 x 1/4	13 x 6	51,750	31,870
W184 +▲	1/2 x 3/8	13 x 10	41,020	26,400
W185	1/2 x 1/2	13 x 13	34,500	22,500
W186	1/2 x 3/4	13 x 19	26,250	15,900
W187	1/2 x 1	13 x 25	20,620	10,370
W193 +▲	5/8 x 3/8	16 x 10	32,250	23,020
W194	5/8 x 1/2	16 x 13	29,400	19,020
W195	5/8 x 3/4	16 x 19	22,120	10,840
W196	5/8 x 1	16 x 25	16,240	5,610
W202	3/4 x 3/8	19 x 10	30,600	19,500
W203	3/4 x 1/2	19 x 13	25,500	14,040
W204	3/4 x 3/4	19 x 19	18,210	6,150

W SHAPES - 1/4" & 6MM MANDRELS

Shape	Diameter x Thickness		Maximum RPM	
	Inch	mm	*1/2" overhang	1" overhang
W176 +	3/8 x 1/2	10 x 13	47,880	37,770
W177	3/8 x 3/4	10 x 19	43,910	34,070
W178	3/8 x 1	10 x 25	40,360	30,780
W179	3/8 x 1-1/4	10 x 32	37,210	27,900
W182 +•▲	1/2 x 1/8	13 x 3	51,190	40,810
W183 +▲	1/2 x 1/4	13 x 6	48,850	38,600
W184 +▲	1/2 x 3/8	13 x 10	46,610	36,490
W185	1/2 x 1/2	13 x 13	44,470	34,490
W186	1/2 x 3/4	13 x 19	40,500	30,790
W187	1/2 x 1	13 x 25	36,950	27,490
W188	1/2 x 1-1/2	13 x 38	30,370	22,140
W189	1/2 x 2	13 x 50	24,000	18,440
W191 +•▲	5/8 x 1/8	16 x 3	61,120	50,000
W192 +▲	5/8 x 1/4	16 x 6	46,570	36,450
W193 +▲	5/8 x 3/8	16 x 10	44,330	34,340
W194	5/8 x 1/2	16 x 13	42,190	32,330
W195	5/8 x 3/4	16 x 19	38,220	28,630

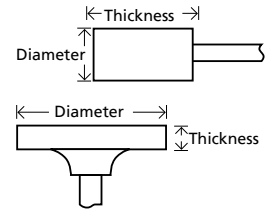
W SHAPES - 1/4" & 6MM MANDRELS

Shape	Diameter x Thickness		Maximum RPM	
	Inch	mm	*1/2" overhang	1" overhang
W196	5/8 x 1	16 x 25	34,670	25,340
W197	5/8 x 2	16 x 50	21,000	16,280
W198	5/8 x 2-1/2	16 x 64	16,500	12,900
W200 +•▲	3/4 x 1/8	19 x 3	33,750	23,250
W201 +▲	3/4 x 1/4	19 x 6	44,850	34,850
W202	3/4 x 3/8	19 x 10	42,610	32,750
W203	3/4 x 1/2	19 x 13	40,480	30,740
W204	3/4 x 3/4	19 x 19	36,510	27,040
W205	3/4 x 1	19 x 25	32,950	23,750
W206	3/4 x 1-1/4	19 x 32	28,720	21,520
W207	3/4 x 1-1/2	19 x 38	24,000	18,400
W208	3/4 x 2	19 x 50	18,750	15,370
W209	3/4 x 2-1/2	19 x 64	15,000	12,150
W211 +•▲	7/8 x 1/8	22 x 3	43,650	35,800
W212 +▲	7/8 x 1/4	22 x 6	43,650	33,590
W213	7/8 x 3/8	22 x 10	43,650	33,590
W215 +•▲	1 x 1/8	25 x 3	38,200	34,730
W216 +•▲	1 x 1/4	25 x 6	38,200	32,520
W217	1 x 3/8	25 x 10	38,200	30,410
W218	1 x 1/2	25 x 13	37,890	28,410
W219	1 x 3/4	25 x 19	33,920	24,520
W220	1 x 1	25 x 25	25,500	19,120
W221	1 x 1-1/2	25 x 38	19,120	14,620
W222	1 x 2	25 x 50	15,900	12,350
W223	1 x 2-1/2	25 x 64	12,370	9,900
W225	1-1/4 x 1/4	32 x 6	30,560	30,560
W226	1-1/4 x 3/8	32 x 10	30,560	28,640
W227	1-1/4 x 1/2	32 x 13	30,560	26,630
W228	1-1/4 x 3/4	32 x 19	30,520	22,500
W229	1-1/4 x 1	32 x 25	24,000	18,750
W230	1-1/4 x 1-1/4	32 x 32	20,400	15,900
W231	1-1/4 x 1-1/2	32 x 38	17,620	13,500
W232	1-1/4 x 2	32 x 50	14,250	10,580
W235	1-1/2 x 1/4	38 x 6	25,460	25,460
W236	1-1/2 x 1/2	38 x 13	25,460	25,140
W237	1-1/2 x 1	38 x 25	22,500	17,620
W238	1-1/2 x 1-1/2	38 x 38	15,600	12,000
W239	1-1/2 x 2	58 x 50	16,480	9,090
W240	1-1/2 x 2-1/2	58 x 64	13,890	7,020
W242	2 x 1	50 x 25	19,100	15,590
W243	2 x 1-1/2	50 x 38	17,620	10,240
"W"	2 x 3/8	50 x 10	33,209	24,500
"W"	2 x 5/8	50 x 16	29,030	20,680
"W"	2 x 1/4	50 x 6	19,100	15,590
"W"	1-1/2 x 3/8	38 x 10	25,470	19,120
"W"	2 x 1/2	50 x 13	19,100	15,590

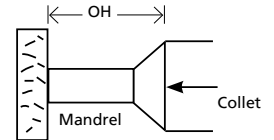
SEAT TRACK CLEANER - 1/4" & 6MM MANDRELS

Shape	Diameter x Thickness		Maximum RPM	
	Inch	mm	*1/2" overhang	1" overhang
SEAT TRACK +•▲	3/4 x .098	19 x 2.5	33,750	23,250

SHAPE MEASUREMENT GUIDE



STANDARD MANDREL RECOMMENDED OVERHANG



Overhang (OH) is the distance between the end of the collet and the base of the mounted point.

RESOURCES

For a downloadable mounted point shape chart, visit rexcut.com/mpchart

For help selecting the right point for an application, visit rexcut.com/mp

* Standard mandrel / recommended overhang
 • Not available in Megabrite
 ▲ Not available in Rubber
 + Not available in Cotton Fiber Max.
 Other shapes might not be available in all materials.

All points with 1/8" diameter are made oversized.

TYPE 1 WHEELS

From braze finishing to pipe thread cleaning to turbine blade profiling, Rex-Cut has you covered with Type 1 Wheel options.



COTTON FIBER DEBURRING WHEELS

Rex-Cut Type 1 Cotton Fiber Deburring Wheels are manufactured from our signature abrasive materials designed for blending, deburring, and finishing applications.



METALS

Stainless steel - Aluminum - Exotic metals -
Mild steel - Brass

BENEFITS

Debur and finish, or grind and finish in one operation
Smooth, controlled grinding action
Remove burs without changing part geometry
5x or more life vs. non-woven synthetic fiber wheels
No smearing or back transfer on stainless steel and exotic alloys

APPLICATIONS

Automotive

Chamfer, debur, and finish transmission gears

Aircraft/Aerospace

Chamfer, debur, and finish engine components

Tool & Die

Debur, finish, and maintenance of dies and molds

Fabrication

Radius and blend weld seams, corner blending,
and edge breaking

Oilfield Repair/Maintenance

Debur and clean pipe thread

SPECIFICATIONS

Grit Types

A: Aluminum oxide
C: Silicon carbide

Grain Sizes

16, 24, 36: Coarse
54, 80: Medium
120, 180: Fine
320: Very fine

Bonds

GFX: Soft, for light deburring & blending
JTX: Medium, for light deburring with longer life
MTX: Hard, for light to medium stock removal

STANDARD VS. SPECIAL

Grit	GFX	JTX	MTX
A24			
A36			
A54			
A80			
A120			
A180			
A320			

	Standard make
	Special make



Robotics



Die Grinder

**MADE IN
USA**

AVAILABILITY

DIAMETER x THICKNESS x ID		MAX RPM	
inch	mm	JTX & MTX	GFX
1 x 1/32 x 1/8	25 x .8 x 3	54,240	N/A
1 x 1/16 x 1/8	25 x 1.6 x 3	54,240	36,290
1 x 1/8 x 1/8	25 x 3 x 3	54,240	36,290
1 x 1/4 x 1/8	25 x 6 x 3	54,240	36,290
1 x 3/8 x 1/8	25 x 10 x 3	54,240	36,290
1-1/2 x 1/16 x 1/8	38 x 1.6 x 3	36,160	24,195
1-1/2 x 1/8 x 1/8	38 x 3 x 3	36,160	24,195
1-1/2 x 1/4 x 1/4	38 x 6 x 6	36,160	24,195
1-1/2 x 3/8 x 1/4	38 x 10 x 6	36,160	24,195
2 x 1/32 x 1/4	50 x .8 x 6	27,120	N/A
2 x 1/16 x 1/4	50 x 1.6 x 6	27,120	18,145
2 x 1/8 x 1/4	50 x 3 x 6	27,120	18,145
2 x 1/8 x 3/8	50 x 3 x 10	27,120	18,145
2 x 1/4 x 1/4	50 x 6 x 6	27,120	18,145
2 x 1/4 x 3/8	50 x 6 x 10	27,120	18,145
2 x 3/8 x 1/4	50 x 10 x 6	27,120	18,145
2 x 3/8 x 3/8	50 x 10 x 10	27,120	18,145
2 x 1/2 x 3/8	50 x 13 x 10	27,120	18,145
2-1/2 x 1/16 x 1/4	65 x 1.6 x 6	21,695	14,515
2-1/2 x 1/8 x 1/4	65 x 3 x 6	21,695	14,515
2-1/2 x 1/4 x 1/4	65 x 6 x 6	21,695	14,515

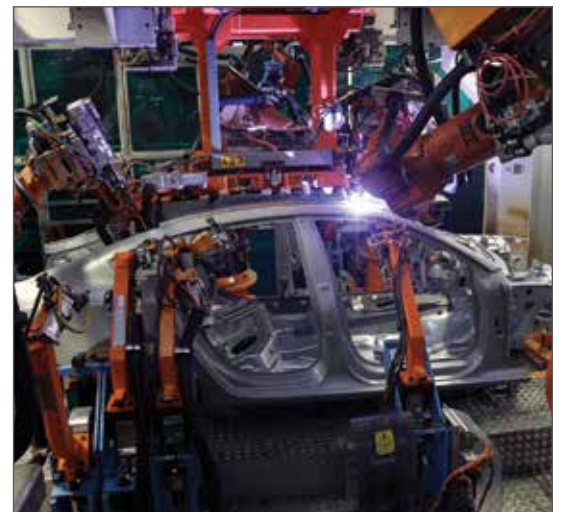
DIAMETER x THICKNESS x ID		MAX RPM	
inch	mm	JTX & MTX	GFX
3 x 1/16 x 1/4	75 x 1.6 x 6	18,080	12,095
3 x 1/16 x 3/8	75 x 1.6 x 10	18,080	12,095
3 x 1/8 x 1/4	75 x 3 x 6	18,080	12,095
3 x 1/8 x 3/8	75 x 3 x 10	18,080	12,095
3 x 3/16 x 1/4	75 x 5 x 6	18,080	12,095
3 x 3/16 x 3/8	75 x 5 x 10	18,080	12,095
3 x 1/4 x 1/4	75 x 6 x 6	18,080	12,095
3 x 1/4 x 3/8	75 x 6 x 10	18,080	12,095
3 x 3/8 x 3/8	75 x 10 x 10	18,080	12,095
3 x 1/2 x 3/8	75 x 13 x 10	18,080	12,095
3 x 1 x 1/2	75 x 25 x 13	12,095	12,095
4 x 1/16 x 1/4	100 x 1.6 x 6	13,560	9,075
4 x 1/16 x 3/8	100 x 1.6 x 10	13,560	9,075
4 x 1/8 x 1/4	100 x 3 x 6	13,560	9,075
4 x 1/8 x 3/8	100 x 3 x 10	13,560	9,075
4 x 1/4 x 1/4	100 x 6 x 6	13,560	9,075
4 x 1/4 x 3/8	100 x 6 x 10	13,560	9,075
4 x 3/8 x 3/8	100 x 10 x 10	13,560	9,075
4 x 1/2 x 1/2	100 x 13 x 13	13,560	9,075
4 x 3/4 x 1/2	100 x 19 x 13	9,075	9,075
4 x 1 x 1/2	100 x 25 x 13	9,075	9,075

COMMON APPLICATION & SPECS

APPLICATION	ALUMINUM / NON FERROUS	STAINLESS STEEL	EXOTICS	MILD STEEL
Debur	A80-A120MTX	A54-A80MTX	C54IGX	A80MTX
Edge Break	A80GFX, A80MTX	A54-A80MTX	C54MTX	A54MTX
Corner Blend	A54GFX, A80GFX	A36-A54GFX	C54MTX	A54MTX
Pipe Thread Cleaning	---	---	---	A54GFX, A54JTX
Gear Deburring	A80MTX, A120MTX	---	---	A54-A320MTX

LASER BRAZE FINISHING WHEELS

Rex-Cut Type 1 Laser Braze Finishing Wheels have been engineered to finish brazing in roof joints for automotive assembly. These Type 1 Cotton Fiber Wheels are manufactured with the tolerances car manufacturers need in this specific application.



SPECIFICATIONS

3" & 4" Wheels: Medium Soft High Speed
7" & 8" Wheels: Medium Soft

AVAILABILITY

DIAMETER	THICKNESS	ID	SPEC	PART #	MAX RPM
3"	2.5mm	3/8"	Medium Soft HS	830130	20,000
3"	3mm	3/8"	Medium Soft HS	830081	20,000
3"	1/8"	3/8"	Medium Soft HS	830083	20,000
3"	3.5mm	3/8"	Medium Soft HS	830080	20,000
3"	4mm	3/8"	Medium Soft HS	830079	20,000
4"	2.5mm	3/8"	Medium Soft HS	830121	15,000
4"	3mm	3/8"	Medium Soft HS	830120	15,000
4"	1/8"	3/8"	Medium Soft HS	830122	15,000
4"	3.5mm	3/8"	Medium Soft HS	830123	15,000
7"	2.5mm	5/8"	Medium Soft	830131	5,185
7"	3mm	5/8"	Medium Soft	830137	5,185
7"	1/8"	5/8"	Medium Soft	830138	5,185
7"	3.5mm	5/8"	Medium Soft	830139	5,185
8"	2.5mm	1"	Medium Soft	830140	4,535
8"	3mm	1"	Medium Soft	183324	4,535
8"	1/8"	1"	Medium Soft	183321	4,535
8"	3.5mm	1"	Medium Soft	183337	4,535

More sizes available. Contact us at info@rexcut.com with your application specifications and we will work to create a wheel to match your tolerances.

METALS

copper-silicon-wire

BENEFITS

Blend and finish braze in one step
Finish braze in half the time as standard Unitized Type 1 wheels
Wheel integrity controls side deflection, protecting base metal from scarring
Can be made with guide holes if needed
Can be manufactured to required thicknesses
Suitable for both automated and manual use

APPLICATIONS

Automotive

Blend and finish brazing in assembly plants.

Ideal for use on robotic applications

UNIQUE QUALITY

The cotton fiber construction allows this wheel to blend brazed seams and leave a paintable finish in one step.

RESOURCES

For more information on our specialty Laser Braze Finishing Wheels, visit rexcut.com/laserbraze



Robotics



Die Grinder

MADE IN
USA

COTTON FIBER HIGH SPEED WHEELS

Manufactured with additional fiberglass reinforcement to meet the speed requirements of higher speed die grinders, these cotton fiber wheels are often used to debur and clean pipe thread.



SPECIFICATIONS

Grain Types

- Aluminum oxide
- Silicone carbide available by special request only

Grain Sizes

- Coarse
- Medium
- Fine
- Very fine

Bonds

- Soft: For light deburring and finishing
- Hard: Most aggressive bond for deburring with long life

AVAILABILITY

DIAMETER X THICKNESS X ID		MAX RPM
inch	mm	
2 x 1/16 x 1/4	50 x 1.6 x 6	28,000
2 x 1/8 x 1/4	50 x 3 x 6	28,000
2 x 1/4 x 1/4	50 x 6 x 6	28,000
2-1/2 x 1/16 x 1/4	65 x 1.6 x 6	24,000
2-1/2 x 1/8 x 1/4	65 x 3 x 6	24,000
2-1/2 x 1/4 x 1/4	65 x 6 x 6	24,000
3 x 1/16 x 1/4	75 x 1.6 x 6	20,000
3 x 1/8 x 1/4	75 x 3 x 6	20,000
3 x 1/4 x 1/4	75 x 6 x 6	20,000

3/8" (10mm) IDs available upon request.

METALS

Stainless steel - Aluminum - Exotic metals
Mild steel - Brass

BENEFITS

- Grind and finish, or debur and finish, in one operation
- Smooth, controlled grinding action
- Remove burs without changing part geometry
- 5x or more life vs. non-woven synthetic fiber wheels
- No smearing or back transfer on stainless steel and exotic alloys

APPLICATIONS

Oilfield Repair/Maintenance

- Debur and clean pipe thread

Automotive

- Chamfer, debur, and finish transmission gears

Aircraft/Aerospace

- Chamfer, debur, and finish engine components

Tool & Die

- Debur, finish, repair, and maintain dies and molds

Fabrication

- Radius and blend weld seams, blend corner welds, and break edges

Ideal for use on robotic applications

TIP

Rex-Cut Cotton Fiber wheels can be shaped to better clean or debur grooves such as pipe threads. For a video of this process, visit rexcut.com/pipe

UNIQUE QUALITY

Rex-Cut Cotton Fiber High Speed Wheels have 5 times the life as unitized wheels, allowing for more grinding time and less changeover.



Robotics



Die Grinder

MADE IN
USA

SMOOTH TOUCH WHEELS

Designed to offer a greater amount of flexibility and operator feel when compared to our standard line of cotton fiber Type 1 products. Excellent at finishing edges of cast or machined parts without changing part geometry.



SPECIFICATIONS

Grain Size

- Coarse - Green
- Medium - Red
- Fine - Yellow

AVAILABILITY

DIAMETER X THICKNESS X ID		MAX RPM			OPTIMUM RPM
inch	mm	COARSE 54 Grit	MEDIUM 80 Grit	FINE 120 Grit	All Grits
2 x 1/8 x 1/4	50 x 3 x 6	26,500	30,000	30,000	12,000
2 x 1/8 x 3/8	50 x 3 x 10	26,500	30,000	30,000	12,000
2 x 1/4 x 1/4	50 x 6 x 6	21,500	24,000	24,000	12,000
2 x 1/4 x 3/8	50 x 6 x 10	21,500	24,000	24,000	12,000
2-1/2 x 1/8 x 1/4	65 x 3 x 6	21,500	24,000	24,000	10,000
2-1/2 x 1/8 x 3/8	65 x 3 x 10	21,500	24,000	24,000	10,000
2-1/2 x 1/4 x 1/4	65 x 6 x 6	17,500	19,000	19,000	10,000
2-1/2 x 1/4 x 3/8	65 x 6 x 10	17,500	19,000	19,000	10,000
3 x 1/8 x 1/4	75 x 3 x 6	18,000	20,000	20,000	10,000
3 x 1/8 x 3/8	75 x 3 x 10	18,000	20,000	20,000	10,000
3 x 1/4 x 1/4	75 x 6 x 6	14,500	16,000	16,000	10,000
3 x 1/4 x 3/8	75 x 6 x 10	14,500	16,000	16,000	10,000
4 x 1/8 x 1/4	100 x 3 x 6	14,000	15,500	15,500	8,000
4 x 1/8 x 3/8	100 x 3 x 10	14,000	15,500	15,500	8,000
4 x 1/4 x 1/4	100 x 6 x 6	11,500	12,500	12,500	8,000
4 x 1/4 x 3/8	100 x 6 x 10	11,500	12,500	12,500	8,000
6 x 1/8 x 1/4	150 x 3 x 6	6,000	6,000	6,000	2,500
6 x 1/8 x 3/8	150 x 3 x 10	6,000	6,000	6,000	2,500
6 x 1/4 x 1/4	100 x 6 x 6	6,000	6,000	6,000	2,500
6 x 1/4 x 3/8	100 x 6 x 10	6,000	6,000	6,000	2,500

METALS

Stainless steel - Aluminum - Exotics - Mild steel - Brass

BENEFITS

- Maximum operator control
- Debur edges without altering part shape

APPLICATIONS

- Light grinding
- Light deburring
- Blending
- Finishing
- Ideal for use on robotic applications

TIP

While in use, allow the wheel to do the work. Too much pressure will cause the wheel to generate unwanted heat and potential back transfer. Use optimum speed for best results.

RESOURCES

To watch a demo video of Smooth Touch in action, visit rexcut.com/smoothtouch

TESTIMONIAL

"While choosing an abrasive to use in a robotic deburring cell to finish the edge of a turbine blade, the Smooth Touch wheel outperformed non-woven nylon wheels significantly. It was able to obtain the desired finish without changing the part geometry as measured by a laser sensor."

- Normand Stoycheff, Robotic Finishing Expert at AV&R Vision & Robotics



Robotics



Die Grinder



MADE IN USA

COTTON FIBER BENCH GRINDING WHEELS

Rex-Cut Bench Wheels are manufactured with our signature abrasive materials and are designed for blending, deburring, and finishing applications.



AVAILABILITY

DIAMETER X THICKNESS X ID		MAX RPM	
inch	mm	JTX & MTX bond	GFX bond
6 x 1/4 x 1/2	150 x 6 x 13	9,040	6,040
6 x 1/2 x 1/2	150 x 13 x 13	9,040	6,040
6 x 3/4 x 1	150 x 19 x 25	6,040	6,040
6 x 1 x 1	150 x 25 x 25	6,040	6,040
8 x 1/4 x 1	200 x 6 x 25	6,780	4,535
8 x 1/2 x 1	200 x 13 x 25	6,780	4,535
8 x 3/4 x 1	200 x 19 x 25	4,536	4,535
8 x 1 x 1	200 x 25 x 25	4,536	4,535
10 x 1/4 x 1	250 x 6 x 25	5,425	3,630
10 x 1/2 x 1	250 x 13 x 25	5,425	3,630
10 x 3/4 x 1	250 x 19 x 25	3,630	3,630
10 x 1 x 1	250 x 25 x 25	3,630	3,630

Available with 1/2", 5/8", 3/4" 1", 1 1/4" ID where compliant with ANSI B7.1

METALS

Stainless steel - Aluminum - Exotic metals
Mild steel - Brass

BENEFITS

Controlled metal removal
Significantly greater life than convolute or unitized
Easily dressed and formed

APPLICATIONS

- Aerospace**
- Edge breaking, blending, and shaping on turbine blades
 - Edge breaking on various machined components
 - Flash removal on cast components
- Automotive**
- Debur and finish machined/cast parts.

SPECIFICATIONS

- Grit Type**
- A: Aluminum oxide
 - C: Silicon carbide
- Grain Size**
- 16, 24, 36: Coarse
 - 54, 80: Medium
 - 120, 180: Fine
 - 320: Very fine
- Bonds**
- GFX: Soft, for light deburring & blending
 - JTX: Medium, for light deburring with longer life
 - MTX: Hard, for light to medium stock removal

STANDARD VS. SPECIAL

Grit	GFX	JTX	MTX
A24			
A36			
A54			
A80			
A120			
A180			
A320			
	Standard make		
	Special make		



MADE IN
USA

COTTON FIBER LARGE DIAMETER WHEELS

Rex-Cut Type 1 Large Diameter Wheels are manufactured with our signature abrasive materials and are designed for blending, deburring, and finishing applications.



AVAILABILITY

DIAMETER X THICKNESS X ID		MAX RPM	
inch	mm	JTX & MTX bond	GFX bond
5 x 1/8 x 3/8	125 x 3 x 10	10,850	7,260
5 x 1/4 x 1/2	125 x 6 x 13	10,850	7,260
5 x 3/8 x 1/2	125 x 10 x 13	10,850	7,260
5 x 1/2 x 1/2	125 x 13 x 13	10,850	7,260
5 x 3/4 x 1/2	125 x 19 x 13	7,260	7,260
5 x 1 x 5/8	125 x 25 x 16	7,260	7,260
6 x 1/8 x 1/2	150 x 3 x 13	9,040	6,050
6 x 1/8 x 5/8	150 x 3 x 16	9,040	6,050
6 x 1/4 x 5/8	150 x 6 x 16	9,040	6,050
6 x 3/8 x 5/8	150 x 10 x 16	9,040	6,050
6 x 1/2 x 5/8	150 x 13 x 16	9,040	6,050
6 x 3/4 x 5/8	150 x 19 x 16	6,050	6,050
6 x 1 x 5/8	150 x 25 x 16	6,050	6,050
7 x 1/8 x 1/2	178 x 3 x 13	7,750	5,185
7 x 1/8 x 5/8	178 x 3 x 16	7,750	5,185
7 x 1/4 x 5/8	178 x 6 x 16	7,750	5,185
7 x 3/8 x 5/8	178 x 10 x 16	7,750	5,185
7 x 1/2 x 5/8	178 x 13 x 16	7,750	5,185
7 x 3/4 x 5/8	178 x 19 x 16	5,185	5,185
7 x 3/4 x 3/4	178 x 19 x 19	5,185	5,185
7 x 1 x 1	178 x 25 x 25	5,185	5,185
8 x 1/8 x 1	203 x 3 x 25	6,780	4,536
8 x 1/4 x 1	203 x 6 x 25	6,780	4,536
8 x 3/8 x 1	203 x 10 x 25	6,780	4,536
8 x 1/2 x 1	203 x 13 x 25	6,780	4,536

METALS

Stainless steel - Aluminum - Exotic metals
Mild steel - Brass

BENEFITS

General purpose deburring and finishing
Longer life vs. other non-woven products
Debur and finish in one operation

APPLICATIONS

Jewelry

Chamfer, debur, blend, and finish (available in split and beveled)

Cutlery

Fork tining and finishing

Aircraft/Aerospace

Grind, debur, and finish engine parts

Food Service

Debur edges on pots and pans/kitchen equipment

Automotive

Debur and finish machined/cast parts.

Food Service

Repair and maintenance

SPECIFICATIONS

Grit Type

A: Aluminum oxide
C: Silicon carbide

Grain Size

16, 24, 36: Coarse
54, 80: Medium
120, 180: Fine
320: Very fine

Bonds

GFX: Soft, for light deburring & blending
JTX: Medium, for light deburring with longer life
MTX: Hard, for light to medium stock removal

UNIQUE QUALITY

Rex-Cut Cotton Fiber wheels continually expose new abrasive grain during the grinding process, which results in cooler operation and no back transfer or smearing.



**MADE IN
USA**

DEPRESSED CENTER WHEELS

From grinding heavy welds to applying finishing touches, our line of depressed center wheels covers a wide range of applications.



SIGMA GREEN

Sigma Green is an aggressive grinding wheel with noticeably quiet and smooth grinding action. Our best selling grinding wheel is the perfect balance of fast grinding, low vibration, and superior finish. The layered grain construction, coarse grain followed by a second layer of finer grain, gives this wheel the advantage of fast grinding with a superior finish.



SPECIFICATIONS

Grain Types

Alumina zirconia and aluminum oxide combination

Grain Sizes

36, 46, 60

AVAILABILITY

DIAMETER X ARBOR		MAX RPM	GRIT SIZE	PART #
inch	mm			
4 x 5/8	100 x 16	15,300	36	730001
4 x 3/8 - 24	N/A	15,300	36	730014
4-1/2 x 7/8	115 x 22.2	13,300	36	730000
4-1/2 x 7/8	115 x 22.2	13,300	46	730008
4-1/2 x 7/8	115 x 22.2	13,300	60	730009
4-1/2 x 5/8 - 11	N/A	13,300	36	730002
4-1/2 x 5/8-11	N/A	13,300	46	730017
4-1/2 x 5/8 - 11	N/A	13,300	60	730015
5 x 7/8	125 x 22.2	12,200	36	730005
5 x 5/8 - 11	N/A	12,200	36	730006
7 x 7/8	178 x 22.2	8,500	36	730003
7 x 5/8 - 11	N/A	8,500	36	730004

SURFACE FINISH COMPARISON

Measured in micro-inches for a value of RA (roughness average)		
Grit Size	RA*	Sigma RA**
36	185 – 205	100
46	170 - 195	90
60	140 – 180	80

*Industry data for conventional abrasives on stainless steel

**Rex-Cut RA values are measured with a Mahr Federal Surface analyzer. Values are an average from multiple measurements on 304 stainless steel.

METALS

Stainless steel - Mild steel - Hard face - Titanium
Alloys - Aluminum

BENEFITS

High performance zirconium and aluminum oxide grain combination
Fast stock removal
Superior finish
Grinds smooth and quiet
Minimizes operator fatigue
Controlled grinding
Cool cutting
Won't discolor or warp stainless steel
Reduces labor rates

APPLICATIONS

General fabrication
Shipbuilding
Tank fabrication
Power plant maintenance and repair
Refinery maintenance and repair

RESOURCES

To watch the fast grinding ability of Sigma Green, visit rexcut.com/sigmagreen for a demo video.

VIRTUALLY IRON FREE

Contains only 0.035% iron, with less than 0.1% of iron, chlorine, and sulfur combined.

UNIQUE QUALITY

Sigma Green is noticeably quiet compared to other wheels on the market. This smooth action grinding wheel is the perfect balance of fast grinding, low vibration, and superior finish.

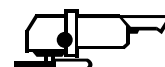
In turn, making this aggressive grinding wheel easier on the operator, reducing operator fatigue.

TIP

Follow Sigma Green or Sigma Green Max with Max Flex 54 grit to achieve a #4 finish.



In-stock item



Angle Grinder

SIGMA GREEN MAX

Sigma Green Max is the 1/4" thick version of our highly successful Sigma Green wheel that has been engineered for added life and durability. The specialty bond results in a balanced, noticeably quiet, and smooth running grinding wheel with less vibration, even with the added thickness.



SPECIFICATIONS

- Grain Types
 - Alumina zirconia and aluminum oxide combination
- Grain Sizes
 - 36

AVAILABILITY

DIAMETER X THICKNESS X ARBOR		MAX RPM	GRIT SIZE	PART #
inch	mm			
4-1/2 x 1/4 x 7/8	115 x 6 x 22.2	13,300	36	739100
4-1/2 x 1/4 x 5/8 - 11	N/A	13,300	36	739150
5 x 1/4 x 7/8	125 x 6 x 22.2	12,200	36	739101
5 x 1/4 x 5/8 - 11	N/A	12,200	36	739151
7 x 1/4 x 7/8	178 x 6 x 22.2	8,500	36	739103
7 x 1/4 x 5/8 - 11	N/A	8,500	36	739153

METALS

Stainless steel - Mild steel - Hard face - Titanium Alloys - Aluminum

BENEFITS

- Longer life over our original Sigma Green Grinding Wheel
- High performance zirconium and aluminum oxide grain combination
- Fast stock removal
- Superior finish
- Grinds smooth and quiet
- Minimizes operator fatigue
- Controlled grinding
- Cool cutting
- Won't discolor or warp stainless steel
- Reduces labor rates

APPLICATIONS

- Foundries
- General fabrication
- Shipbuilding
- Tank fabrication
- Power plant maintenance and repair

VIRTUALLY IRON FREE

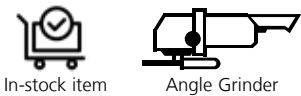
Contains only 0.035% iron, with less than 0.1% of iron, chlorine, and sulfur combined.

UNIQUE QUALITY

The fast grinding newer model has been engineered for longer life without sacrificing the benefits of our Sigma Green wheel.

TIP

Follow Sigma Green or Sigma Green Max with Max Flex 54 grit to achieve a #4 finish.



COTTON FIBER - GRINDING & BLENDING

Manufactured with our signature abrasive materials, these Type 27 wheels are designed for grinding and blending in one step.



SPECIFICATION AVAILABILITY

Grit Type

- A: Aluminum oxide
- C: Silicon carbide

Grain Size

- 24, 36: Coarse
- 54, 80: Medium

Bonds

GFX: Blending: Flexible synthetic latex bond used for blending and finishing applications. It resists loading on aluminum and is resilient for a smooth, chatter-free operation on tanks, vessels, kitchen and food processing equipment, trailers, and other fabrications.

MTX: Grinding: Tough resin bond used for light or medium weld removal. The resin bond provides a faster cut rate. It also resists loading on aluminum and offers excellent results on all non-ferrous materials.

AVAILABILITY

DIAMETER	THICKNESS	ARBOR HOLES	MAX RPM
4	1/8, 3/16, 1/4	5/8	15,300
4-1/2	1/8, 3/16, 1/4	7/8	13,300
5	3/16, 1/4	7/8	12,200
6	3/16*, 1/4	7/8	10,100
7	3/16*, 1/4	7/8	8,500
9	3/16*, 1/4	7/8	6,600

*Available in GFX only
Available with 5/8 - 11 throw away adapters. Reusable adapter kits are available, see Page 38

COMMON APPLICATIONS & SPECS

APPLICATION	ALUMINUM/NON FERROUS	STAINLESS STEEL	MILD STEEL
Grinding	A24MTX	A36GFX	A24MTX
Blending	A54GFX	A36GFX	A36GFX
Finishing	A80GFX	A54GFX	A36GFX
Beveling	A36MTX	A36GFX	A24MTX
Weld Prep	A36MTX	A36GFX	A24MTX

METALS

Stainless steel - Aluminum - Exotic metals
Mild steel - Brass

BENEFITS

Grind and finish in one step
Smooth, controlled grinding action
Non-loading on aluminum
Superior surface finishing on stainless steel and aluminum
Long life and durability

UNIQUE QUALITY

Rex-Cut's Grinding and Blending Wheels grind and finish in one operation, consistently reducing finishing steps from two or three to one.

POPULAR IN-STOCK ITEMS

DESCRIPTION	PART #
4-1/2 X 1/8 X 7/8 A36 GFX	245002
4-1/2 x 3/16 x 7/8 A36GFX	245022
4-1/2 x 1/4 x 7/8 A24MTX	245051
4-1/2 x 1/4 x 7/8 A36GFX	245042
4-1/2 x 1/4 x 7/8 A54GFX	245043
4-1/2 x 1/4 x 7/8 A80GFX	245044
7 x 1/4 x 7/8 A36GFX	270042
7 x 1/4 x 7/8 A54GFX	270043

Other items may be in stock. Please call to check availability



In-stock item



Angle Grinder

MADE IN
USA

TYPE 27 MAX FLEX

Max Flex is the wheel of choice when surface finish matters. This flexible grinding/blending wheel gives the user a wide surface contact area allowing for a consistent finish. Max Flex gives optimum blending control as well as a cool grinding action.



SPECIFICATIONS

Grain Types

Aluminum Oxide

Grain Sizes

36, 54

AVAILABILITY

DIAMETER X ARBOR		GRIT	MAX RPM	PART #
inch	mm			
4-1/2 x 7/8	115 x 22.2	A36	13,300	891000
4-1/2 x 7/8	115 x 22.2	A54	13,300	891001
4-1/2 x 5/8 - 11	N/A	A36	13,300	891002
4-1/2 x 5/8 - 11	N/A	A54	13,300	891003
5 x 7/8	125 x 22.2	A36	12,200	891030
5 x 7/8	125 x 22.2	A54	12,200	891031
5 x 5/8 - 11	N/A	A36	12,200	891032
5 x 5/8 - 11	N/A	A54	12,200	891033
6 x 7/8	152 x 22.2	A36	10,100	891004
6 x 7/8	152 x 22.2	A54	10,100	891005
6 x 5/8 - 11	N/A	A36	10,100	891006
6 x 5/8 - 11	N/A	A54	10,100	891007
7 x 7/8	178 x 22.2	A36	8,500	891100
7 x 7/8	178 x 22.2	A54	8,500	891101
7 x 5/8 - 11	N/A	A36	8,500	891102
7 x 5/8 - 11	N/A	A54	8,500	891103

METALS

Stainless steel - Aluminum - Exotic metals
Mild steel - Brass

BENEFITS

Naturally non-loading when grinding aluminum
Blend and finish on both flat and contoured surfaces
Blend and finish with one disc
Very low vibration, easy on the operator
Wide contact area allows for better surface finish
Grain embedded throughout wheel, allowing for a consistent finish throughout life of wheel
No backing that could gouge work surface
Cool grinding action

APPLICATIONS

Food processing equipment
Aluminum trailers
Tank fabrication
Aluminum boats

RESOURCES

To see what Max Flex can do, visit rexcut.com/maxflex for a quick demo video.

UNIQUE QUALITY

Type 27 Max Flex runs smooth with a wide surface contact area, similar to a flap disc. Max Flex is an excellent substitute for a flap disc because the abrasive grain is evenly distributed through the entire wheel. So you will get the easy to control benefit of a flap disc, but with long life and a very consistent finish through the life of the wheel.

TIPS

Excellent as a second step after Sigma Green
Use at a 45° angle for increased cut
Use at 30° angle for smoother finish
Use in place of flap discs for more consistent finish



In-stock item

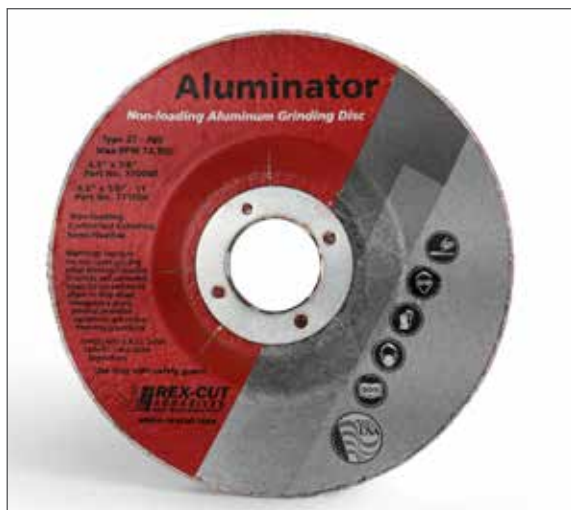


Angle Grinder

**MADE IN
USA**

ALUMINATOR

The Aluminator Grinding Wheel is engineered to grind aluminum fast while leaving a quality consistent finish.



SPECIFICATIONS

Grain Types

Aluminum Oxide

Grain Sizes

36

AVAILABILITY

DIAMETER X ARBOR		GRIT	MAX RPM	PART #
inch	mm			
4-1/2 x 7/8	115 x 22.2	A36	13,300	770000
4-1/2 x 5/8 - 11	N/A	A36	13,300	771000
5 x 7/8	125 x 22.2	A36	12,200	770002
5 x 5/8 - 11	N/A	A54	12,200	771002
6 x 7/8	152 x 22.2	A36	10,100	770003
6 x 5/8 - 11	N/A	A54	10,100	771003
7 x 7/8	178 x 22.2	A36	8,500	770004
7 x 5/8 - 11	N/A	A54	8,500	771004

METALS

Aluminum - Non-ferrous

BENEFITS

Naturally non-loading, no lubricants in wheel
Cool grinding action
Maximum operator control
Excellent surface finish

APPLICATIONS

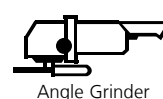
Aluminum trailers
Tank fabrication
Aluminum boats
Aluminum beveling

UNIQUE QUALITY

Due to the specialty cotton fiber abrasive material, these wheels break down as heat is generated, resulting in sharp grain constantly being exposed to the work surface. This eliminates loading, costly downtime, and the need for wax or grinding aids.



In-stock item

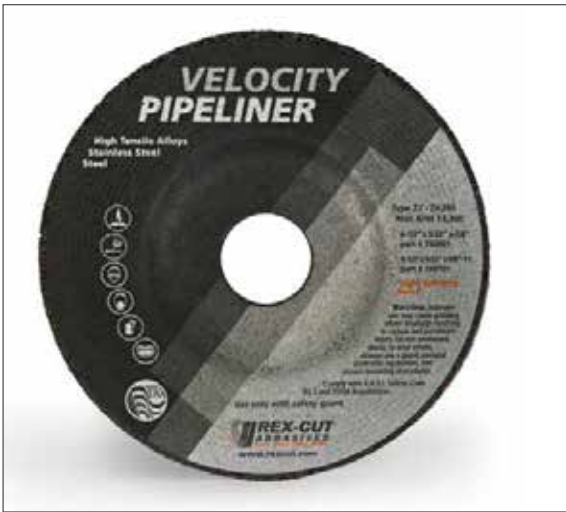


Angle Grinder

**MADE IN
USA**

VELOCITY PIPELINER

The Velocity Pipeliner is composed of premium alumina zirconia abrasive for stainless steel and high tensile alloys. Velocity Pipeliner is designed to withstand the pressures of off-hand cutting applications, as well as beveling, root pass, and weld grinding. This rugged wheel maintains a nicely profiled edge for consistent grinding of weld bead between pipe sections.



METALS

Steel - stainless steel - high tensile alloys

BENEFITS

Premium alumina zirconia
Hard bond for improved wheel life and performance

APPLICATIONS

Oil and gas pipeline
Beveling
Root pass grinding
Light grinding
Light cutting

SPECIFICATIONS

Grain Types

Alumina zirconia

Grain Sizes

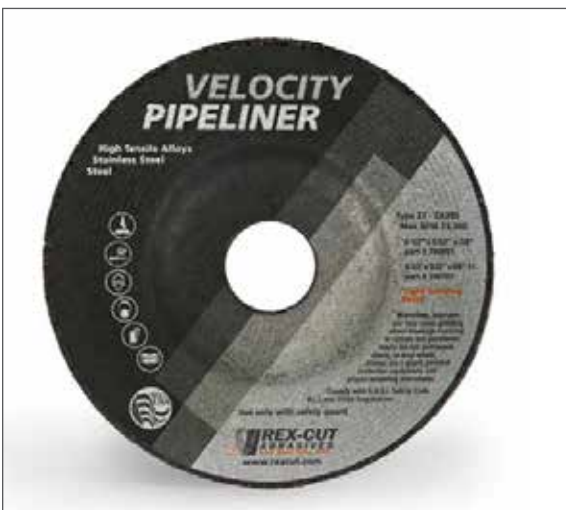
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AVAILABILITY

DIAMETER X THICKNESS X ARBOR	SPECIFICATION	MAX RPM	PART #
4-1/2" x 5/32 x 7/8	ZA30S	13,300	790001
4-1/2" x 5/32 x 5/8 - 11	ZA30S	13,300	790101

VELOCITY GRINDING WHEEL

The Velocity Grinding Wheel is composed of premium alumina zirconia grain for stainless steel and high tensile alloys. They are designed for maximum rate of material removal balanced with extended service life.



METALS

Stainless steel - High tensile alloys - Iron

BENEFITS

Premium alumina zirconia
Superior stock removal and wheel life

APPLICATIONS

Grinding heavy welds
Beveling hard steels
Removing weld deposits
Grinding casting parting lines

SPECIFICATIONS

Grain Types

Alumina zirconia

Grain Sizes

24

AVAILABILITY

DIAMETER X THICKNESS X ARBOR	SPECIFICATION	MAX RPM	PART #
4-1/2" x 1/4 x 7/8	ZA24	13,300	790000
4-1/2" x 1/4 x 5/8 - 11	ZA24	13,300	790100



In-stock item



Angle Grinder

**MADE IN
USA**

FUSION INTERLEAF FLAP DISC

The combination of a premium coated abrasive layer over non-woven surface conditioning material is what makes Fusion a superior flap disc. Fusion easily blends and finishes welds in one operation. Grain size is calibrated in order to match a #4 finish.



METALS

Stainless steel - Aluminum - Mild steel - Brass

BENEFITS

Blend and finish stainless steel in one step
Very controlled weld grinding
Match a satin finish
High quality finish

APPLICATIONS

Blend corner welds on stainless steel railings
Blend TIG welds on stainless steel kitchen equipment

SPECIFICATIONS

Grain Types

Aluminum Oxide

Grain Sizes

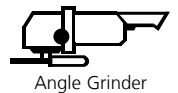
Coarse, Medium, Very Fine

TIP

While working on stainless steel with a satin finish, run this product in the same direction as the scratches to match the grain.



In-stock item



Angle Grinder

AVAILABILITY

DIAMETER X ARBOR		MAX RPM	OPTIMUM RPM	CRS	MED	VFINE
inch	mm					
4-1/2 x 7/8	115 x 22.2	13,300	2,700-5,000	894000	894001	894002
4-1/2 x 5/8-11	N/A	13,300	2,700-5,000	894003	894004	894005
5 x 7/8	125 x 22.2	12,200	2,500-4,500	894006	894007	894008
5 x 5/8-11	N/A	12,200	2,500-4,500	894009	894010	894011

SIGMA CERAMIC FLAP DISC

Standard density Type 29 Ceramic Flap Discs designed for aggressive and controlled stock removal. Perfect for applications requiring rapid stock removal. Sigma Ceramic has longer life vs. aluminum oxide flap discs.



METALS

Stainless steel - Nickel alloy - Titanium

BENEFITS

Rapid stock removal
Longer life vs. aluminum oxide flap discs

APPLICATIONS

Blending welds

SPECIFICATIONS

Grain Types

Ceramic

Grain Sizes

36
60



In-stock item



Angle Grinder

AVAILABILITY

DIAMETER X ARBOR		TYPE	GRIT	MAX RPM	PART #
inch	mm				
4-1/2 x 7/8	115 x 22.2	29	36	15,300	735000
4-1/2 x 7/8	115 x 22.2	29	60	15,300	735001
5 x 7/8	125 x 22.2	29	36	12,200	735002
5 x 7/8	125 x 22.2	29	60	12,200	735003
7 x 7/8	178 x 22.2	29	36	8,500	735004
7 x 7/8	178 x 22.2	29	60	8,500	735005

CUT-OFF WHEELS

Quickly and precisely cut metal with our premium line of cut-off wheels. Formulated per metal, these wheels cut cool, extremely fast, and are excellent for cutting pipe, tubing, rod, and sheet metal.



ALPHA-GREEN

Extremely fast and cool cutting action on stainless steel. Excellent for cutting applications on pipe, tubing, rod, and sheet metal.



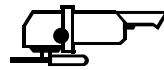
AVAILABILITY

Type 1 Straight Sided Wheels

DIAMETER X THICKNESS X ARBOR		SPECIFICATION	MAX RPM	PART #
inch	mm			
3 x .040 x 1/4	75 x 1 x 6	A60-INOX-BF	25,100	860010
3 x .045 x 1/4	75 x 1.1 x 6	A46-INOX-BF	25,100	860011
3 x .040 x 3/8	75 x 1 x 10	A60-INOX-BF	25,100	860000
3 x .045 x 3/8	75 x 1.1 x 10	A46-INOX-BF	25,100	860001
4 x .040 x 3/8	100 x 1 x 10	A60-INOX-BF	15,000	860012
4 x .045 x 3/8	100 x 1.1 x 10	A46-INOX-BF	15,000	860013
4 x .040 x 5/8	100 x 1 x 16	A60-INOX-BF	15,000	860002
4 x .045 x 5/8	100 x 1.1 x 16	A46-INOX-BF	15,000	860003
4.5 x .040 x 7/8	115 x 1 x 22.2	A60-INOX-BF	13,300	860004
4.5 x .045 x 7/8	115 x 1.1 x 22.2	A46-INOX-BF	13,300	860005
5 x .040 x 7/8	125 x 1 x 22.2	A60-INOX-BF	12,200	860006
6 x .040 x 7/8	152 x 1 x 22.2	A60-INOX-BF	10,200	860008
6 x .045 x 7/8	152 x 1.1 x 22.2	A46-INOX-BF	10,200	860009



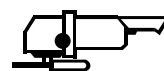
Die Grinder



Angle Grinder

Type 27 Depressed Center Wheels

DIAMETER X THICKNESS X ARBOR		SPECIFICATION	MAX RPM	PART #
inch	mm			
4 x .040 x 5/8	100 x 1 x 16	A60-INOX-BF	15,000	870002
4 x .045 x 5/8	100 x 1.1 x 16	A46-INOX-BF	15,000	870003
4.5 x .040 x 7/8	115 x 1 x 22.2	A60-INOX-BF	13,300	870004
4.5 x .045 x 7/8	115 x 1.1 x 22.2	A46-INOX-BF	13,300	870005
5 x .040 x 7/8	125 x 1 x 22.2	A60-INOX-BF	12,200	870006
6 x .040 x 7/8	152 x 1 x 22.2	A60-INOX-BF	10,200	870008
7 x 1/16 x 7/8	178 x 1.6 x 22.2	A46-INOX-BF	8,600	870010



Angle Grinder

METALS

Stainless Steel - INOX formula is specialized for stainless steel, but Alpha-Green Cut-Off Wheels can be used on all types of steel.

SPECIFICATIONS

A60-INOX-BF

Grain Types

Aluminum Oxide

Grain Sizes

60

A46-INOX-BF

Grain Types

Aluminum Oxide

Grain Sizes

46

BENEFITS

A60-INOX-BF

Stainless steel formula
.040" thickness
Reinforced resinoid
For extremely fast cutting
Cuts cooler
Thin profile produces less of an exit bur

A46-INOX-BF

Stainless steel formula
.045" thickness
Reinforced resinoid
For fast cutting
Longer life

APPLICATIONS

Cutting tube and pipe
Cutting rod
Cutting sheet metal



In-stock item

**MADE IN
USA**

ALUMINATOR

Cuts aluminum quickly without clogging. These wheels feature a thin profile for minimal kerf loss.



SPECIFICATIONS

Grain Types
Aluminum Oxide

Grain Sizes
46



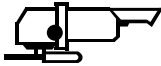
AVAILABILITY

Type 1 Straight Sided Wheels

DIAMETER X THICKNESS X ARBOR		MAX RPM	PART #
inch	mm		
4 x .045 x 5/8	100 x 1.1 x 16	15,000	800200
4.5 x .045 x 7/8	115 x 1.1 x 22.2	13,300	800201
5 x .045 x 7/8	125 x 1.1 x 22.2	12,200	800202
6 x .045 x 7/8	152 x 1.1 x 22.2	10,200	800203



Die Grinder



Angle Grinder

METALS

Aluminum or other non-ferrous metals

BENEFITS

Premium aluminum oxide grain for optimum performance

Fast cutting

Cool cutting

Non-loading

Applications

Cutting tube and pipe

Cutting rod

Cutting sheet metal

Type 27 Depressed Center Wheels

DIAMETER X THICKNESS X ARBOR		MAX RPM	PART #
inch	mm		
4.5 x .045 x 7/8	115 x 1.1 x 22.2	13,300	800300
5 x .045 x 7/8	125 x 1.1 x 22.2	12,200	800301
6 x .045 x 7/8	152 x 1.1 x 22.2	10,200	800302
7 x 1/16 x 7/8	178 x 1.6 x 22.2	8,600	800303



Angle Grinder



In-stock item

MADE IN
USA

VERSA-CUT

Extremely fast, cool cutting action on all metals. General purpose cutting wheel constructed with a fiberglass reinforced resinoid bond for free cutting action.



SPECIFICATIONS

Grain Types

Aluminum Oxide

Grain Sizes

46

AVAILABILITY

Type 1 Straight Sided Wheels

DIAMETER X THICKNESS X ARBOR		MAX RPM	PART #
inch	mm		
4.5 x .045 x 7/8	115 x 1.1 x 22.2	13,300	890050
6 x .045 x 7/8	152 x 1.1 x 22.2	10,200	890051



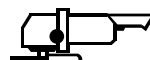
Die Grinder



Angle Grinder

Type 27 Depressed Center Wheels

DIAMETER X THICKNESS X ARBOR		MAX RPM	PART #
inch	mm		
4.5 x .045 x 7/8	115 x 1.1 x 22.2	13,300	890100
6 x .045 x 7/8	152 x 1.1 x 22.2	10,200	890101



Angle Grinder

METALS

All ferrous and non-ferrous metals

BENEFITS

Premium aluminum oxide grain for optimum performance
Fast cutting
Cool cutting

Applications

Cutting tube and pipe
Cutting rails
Cutting rebar
Cutting sheet metal
Trim castings



In-stock item

**MADE IN
USA**

QUICK CHANGE DISCS

For smaller welds, hard to reach areas, or small working surfaces, we have a range of quick change discs to help with your finishing applications.



COTTON FIBER QUICK CHANGE DISC

Remove small welds, blend machine tool marks, debur, and break edges with our original Cotton Fiber Quick Change Discs.



SPECIFICATION AVAILABILITY

Grit Types

- A: Aluminum oxide
- C: Silicon carbide

Grain Sizes

- 24*, 36: Coarse
- 54, 80: Medium
- 120, 180+: Fine
- 320+: Very fine

Bonds

- XF: Extra Flexible
- F: Flexible
- M: Medium (stiff)



* available in medium bond only

+ available in flexible bond only

Rubber holder pads available, page 38

AVAILABILITY

DIAMETER		MAX RPM
inch	mm	
2	50	30,000
3	75	20,000

BUTTON TYPE	
Type R	Type S
	

COMMON APPLICATIONS & SPECS

APPLICATION	ALUMINUM/ NON FERROUS	STAINLESS STEEL	EXOTICS	MILD STEEL
Grinding	A24M, A36F	A24M	C24M	A24M
Blending	A54F, A80F	A36F, A54F	C36F	A36F, A54F
Beveling	A24M	A24M	C24M	A24M
Corner Blending	A36F	A36F	C36F	A24M, 36F
Finishing	A80F, A120F	A120F, A180F	C54F, C80F	A54F, A80F

METALS

Stainless steel - Aluminum Exotic metals - Mild steel
Brass

BENEFITS

- Outlasts coated quick change discs by a minimum of 10:1
- No smearing on titanium and stainless steel
- Grinds and finishes in one step
- Smooth controlled metal removal
- Non-loading on aluminum and brass, as well as kevlar and other composites
- Superior surface finishing

APPLICATIONS

Aircraft/Aerospace

Debur edges and blend mill marks on aluminum skin for fuselage/wings

Food Service

Blend and finish stainless steel kitchen components

Automotive

Grind and blend spot welds on galvanized steel auto frames

General Fabrication

Grind and blend light weld seams

TIP

Cotton Fiber Quick Change Disc specifications should be ordered one or two grain sizes coarser than standard resin fiber discs. Example: A80 grit coated disc should be substituted with A54 or coarser Cotton Fiber Disc.

IN-STOCK ITEMS

DESCRIPTION	PART #
2" Type R A24M	500101
2" Type R A36F	500082
2" Type R A54F	500083
2" Type R A80F	500084
2" Type R A120F	500085
3" Type R A24M	500141
3" Type R A36F	500122
3" Type R A54F	500123
3" Type R A80F	500124
3" Type R A120F	500125

Other items may be in stock. Please call to check availability.



Right Angle Die Grinder



In-stock item

MADE IN
USA

COTTON FIBER MAX QUICK CHANGE DISC

Quick Change Disc Max is the more aggressive version of our original Cotton Fiber Quick Change Disc. This new disc has been designed for a faster finishing operation.



SPECIFICATION

Grit Types

A: Aluminum oxide

Grain Sizes

24*, 36: Coarse

54, 80: Medium

120, 180: Fine

Bonds

F: Flexible

M: Medium (stiff)

* available in medium bond only Rubber holder pans available, page 38

METALS

Stainless steel - Aluminum Exotic metals - Mild steel Brass

BENEFITS

40% improvement in material removal rate compared to our original Quick Change Discs
Non-loading
Grinds and finishes in one step
Consistent finish throughout life of disc

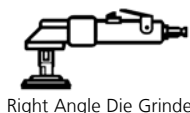
AVAILABILITY

DIAMETER		MAX RPM
inch	mm	
2	50	30,000
3	75	20,000

BUTTON TYPE	
Type R	Type S

COMMON APPLICATIONS & SPECS

APPLICATION	ALUMINUM/ NON FERROUS	STAINLESS STEEL	MILD STEEL
Grinding	A24M, A36F	A24M	A24M
Blending	A54F, A80F	A36F, A54F	A36F, A54F
Beveling	A24M	A24M	A24M
Corner Blending	A36F	A36F	A24M, 36F
Finishing	A80F, A120F	A120F, A180F	A54F, A80F



Right Angle Die Grinder



In-stock item

MADE IN
USA

FUSION QUICK CHANGE DISC

The combination of a premium coated abrasive layer over non-woven surface conditioning material is what makes Fusion Quick Change Discs superior. Fusion easily blends and finishes light welds in one operation. Grain size is calibrated in order to match a #4 finish.



METALS

Stainless steel - Aluminum - Mild steel - Brass

BENEFITS

Controlled material removal
Consistent and low Ra-value
Low heat generation
Shock dampening effect

APPLICATIONS

Finishing light weld seams
Improving surface roughness
Refining coarse grinding lines
Breaking edges
Grinding down casting errors

AVAILABILITY

DIAMETER		MAX RPM	OPTIMUM RPM	CRS	MED
inch	mm				
3	75	10,000	5,000	883000	883001

Available with only Type R fasteners. Rubber holder pads available on page 38



Right Angle Die Grinder



In-stock item

MINI FLAP QUICK CHANGE DISC

Zirconia grain Mini Flap Quick Change Discs are designed for controlled grinding, blending, and finishing.



METALS

Stainless steel - Aluminum - Mild steel

BENEFITS

Unique flap design for flexibility
Long life compared with resin fiber discs

APPLICATIONS

Blend and finish small weld seams
Remove machine tool marks
General cleaning

AVAILABILITY

DIAMETER		MAX RPM	GRIT	PART #
inch	mm			
2	50	30,000	CRS	896000
2	50	30,000	MED	896001
2	50	30,000	FINE	896002
2	50	30,000	VFINE	896003
3	75	20,000	CRS	896004
3	75	20,000	MED	896005
3	75	20,000	FINE	896006
3	75	20,000	VFINE	896007

SPECIFICATIONS

Grit Type

Alumina Zirconia

Available with Type R fasteners. Type S available with special order only. Rubber holder pads available, page 38



Right Angle Die Grinder



In-stock item

MEGABRITE SURFACE CONDITIONING QUICK CHANGE DISC

Megabrite Surface Conditioning Quick Change Discs are designed for light grinding, blending, cleaning, and finishing.



METALS

Stainless steel - Aluminum - Mild steel

APPLICATIONS

A-CRS (Brown) Light grinding, stock removal, weld splatter, and scale removal

A-MED (Red) Remove scratches, pits, and corrosion

A-VFINE (Blue) Blending and finishing

SPECIFICATIONS

Grit Type

Aluminum oxide

Available with Type R fasteners. Type S available with special order only. Rubber holder pads available, page 38



Right Angle Die Grinder



In-stock item

MADE IN USA

AVAILABILITY

DIAMETER		TYPE	A-CRS (BROWN)	A-MED (RED)	A-VFINE (BLUE)	MAX RPM
inch	mm					
2	50	R	720000	720001	720002	30,000
3	75	R	720003	720004	720005	20,000

STICKS, KITS, & ACCESSORIES

From abrasive sticks to specialized kits to tool accessories, we have you covered.



COTTON FIBER STICKS

Round, half round, and square sticks offer a gentle finishing action with controlled deburring. Debur and finish in one step with our Cotton Fiber Finishing Sticks.



SPECIFICATIONS

Grit Type

- A: Aluminum oxide
- C: Silicon carbide

Grain Size

54, 80, 120, 180, 320

Bonds

- GFX: Soft, for light deburring & blending
- JTX: Medium, for light deburring with longer life
- MTX: Hard, for light to medium stock removal

Shape

Round ●

Square ■

Size

Round

WIDTH	HEIGHT	LENGTH
1/8	1/8	4
1/4	1/4	4
3/8	3/8	4
1/2	1/2	4
3/4	3/4	4
1/8	1/8	6
1/4	1/4	6
3/8	3/8	6
1/2	1/2	6
3/4	3/4	6

Square

WIDTH	HEIGHT	LENGTH
1/4	1/4	4
3/8	3/8	4
1/2	1/2	4
3/4	3/4	4
1/4	1/4	6
3/8	3/8	6
1/2	1/2	6
3/4	3/4	6

Other sizes available upon request



METALS

Stainless steel - Aluminum - Exotic metals
Mild steel - Brass

BENEFITS

- Debur and finish in one step
- Controlled metal removal without changing part geometry
- Non-loading on aluminum, brass, and other non-ferrous metals

APPLICATIONS

Artillery/Weapons

Spin finish, debur

Aircraft

Edge break, debur, finish engine parts

Tool & Die

Clean, debur, repair, and finish

STANDARD VS. SPECIAL

Grit	GFX	JTX	MTX
A54			
A80			
A120			
A180			
A320			

	Standard make
	Special make



In-stock item

**MADE IN
USA**

STAINLESS STEEL TUBE KITS

These customized tube finishing kits are designed to grain-in or polish tubes and rails in only 3 steps. Includes all the products you need from weld removal to the final finish.



METALS

Stainless steel

BENEFITS

Finish welded rails or tubes quickly
Weld to finish in 3 steps

RESOURCES

How to videos are available on our website.
For the Satin Finish Kit demo, visit rexcut.com/satin
For the Polish Finish Kit demo, visit rexcut.com/polish



Angle Grinder



In-stock item

SATIN FINISH KIT - Part # 749000

The Rex-Cut Stainless Steel Tube Satin Finish Kit #749000 produces a No. 4 Finish (food grade) and includes:

COMPONENT DESCRIPTION	DIMENSIONS	PART #	QUANTITY IN KIT
Fusion Med Disc	4-1/2" x 7/8"	894001	1
Unitized 2SFN Disc	4-1/2" x 7/8"	898500	1
Tex-Belt AOFINE	1-1/2" x 23"	898600	1

POLISH FINISH KIT - Part # 749001

For a highly reflective finish, Rex-Cut's Stainless Steel Tube Polish Kit #749001 produces a No. 7 Finish and includes:

COMPONENT DESCRIPTION	DIMENSIONS	PART #	QUANTITY IN KIT
Fusion Med Disc	4-1/2" x 7/8"	894001	1
Unitized 2SFN Disc	4-1/2" x 7/8"	898500	1
Felt Disc	4-1/2" x 7/8"	898501	1
Very Fine Rouge Stick	5" x 1-3/8"	740048	1

INSIDE CORNER WELD BLENDING WHEEL

This Type 1 Unitized Wheel is designed to finish inside corner welds of tubes and railings.



METALS

Stainless steel

SPECIFICATIONS

Grit Type
Silicon carbide

APPLICATIONS

Blending/Finishing inside
corner welds

AVAILABILITY

DIMENSIONS	SPECIFICATION	PART #	MAX RPM
inches			
4-1/2 x 1/4 x 7/8	2SFN	898599	10,000



In-stock item



Angle Grinder

MOUNTED POINT COMBI KITS

Includes an assortment of popular Cotton Fiber and Megabrite Mounted Points. This kit allows you to test and figure out which points work best for your applications.



KIT COMPONENTS

W163 A120 GFX, B52 A80 GFX, W177 A80 GFX, B121 A120 GFX, W163 A80 MTX, B52 A80 MTX, A15 A80 MTX, W185 A80 GFX, W163 Megabrite S/C FINE, B52 Megabrite S/C FINE, W177 Megabrite A/O MED, W185 Megabrite S/C Fine

AVAILABILITY

KIT DESCRIPTION	PART #
1/8" Spindle Kit	300010
1/4" Spindle Kit	300009
3mm Spindle Kit	300010M
6mm Spindle Kit	300009M

ACCESSORIES

Tool accessories to pair with abrasives.



GENERAL PURPOSE MANDRELS FOR TYPE 1 WHEELS

AVAILABILITY

DESCRIPTION	PART #
1/8" shank for 1/8" arbor hole	740001
1/4" shank for 1/4" and 3/8" arbor holes	740000
6mm shank for 1/4" and 3/8" arbor holes	740010



TYPE 27 REUSABLE ADAPTER KITS

AVAILABILITY

DESCRIPTION	PART #
4-1/2" kit	740003
7", 9" kit	740004



QUICK CHANGE DISC HOLDERS

For use with all quick change discs.

AVAILABILITY

TYPE R		1/4" SHANK PART #	6MM PART #
inch	mm		
1	25	580000	580020
1-1/2	38	580001	580021
2	50	580002	580022
3	75	580003	580023

TYPE S			
1	25	580004	580024
1-1/2	38	580005	580025
2	50	580006	580026
3	75	580007	580027

IN STOCK

Mounted Points - Cotton Fiber	
Description	Part #
B52 D1 A80 GFX	320904
B121 D1 A80 GFX	323504
B122 D1 A80 GFX	323704
W154 D1 A120 GFX	331205
W163 D1 A80 GFX	332304
W163 D1 A120 GFX	332305
W163 D1 A180 GFX	332306
W163 D1 A80 MTX	332324
W176 D1 A80 GFX	333804
W176 D1 A120 GFX	333805
W177 D1 A80 GFX	334204
W185 D1 A80 GFX	335504
W.75 x .098 D2 A54 Seat Track Cleaner	350029
W.75 x .098 D2 A80 Seat Track Cleaner	350030

Mounted Points - Velocity	
Description	Part #
A1 ZA30 VB	848000
A3 ZA30 VB	848001
A11 ZA30 VB	848002
W189 ZA30 VB	848003
W197 ZA30 VB	848004
W208 ZA30 VB	848005
W220 ZA30 VB	848006
W221 ZA30 VB	848007
W222 ZA30 VB	848008
W164 ZA36 VB	848009
W179 ZA36 UB	848010

Type 27 - Cotton Fiber Blending & Grinding	
Description	Part #
4-1/2 X 1/8 X 7/8 A36 GFX	245002
4-1/2 x 3/16 x 7/8 A36GFX	245022
4-1/2 x 1/4 x 7/8 A24MTX	245051
4-1/2 x 1/4 x 7/8 A36GFX	245042
4-1/2 x 1/4 x 7/8 A54GFX	245043
4-1/2 x 1/4 x 7/8 A80GFX	245044
7 x 1/4 x 7/8 A36GFX	270042
7 x 1/4 x 7/8 A54GFX	270043

Type 27 Max Flex	
Description	Part #
4-1/2 x 7/8 - A36	891000
4-1/2 x 7/8 - A54	891001
4-1/2 x 5/8 - 11 - A36	891002
4-1/2 x 5/8 - 11 - A54	891003
5 x 7/8 - A36	891030
5 x 7/8 - A54	891031
5 x 5/8 - 11 - A36	891032
5 x 5/8 - 11 - A54	891033
6 x 7/8 - A36	891004
6 x 7/8 - A54	891005
6 x 5/8 - 11 - A36	891006
6 x 5/8 - 11 - A54	891007
7 x 7/8 - A36	891100
7 x 7/8 - A54	891101
7 x 5/8 - 11 - A36	891102
7 x 5/8 - 11 - A54	891103

Aluminator Grinding Wheel	
Description	Part #
4-1/2 x 7/8 - A36	770000
4-1/2 x 5/8 - 11 - A36	771000
5 x 7/8 - A36	770002
5 x 5/8 - 11 - A36	771002
6 x 7/8 - A36	770003
6 x 5/8 - 11 - A36	771003
7 x 7/8 - A36	770004
7 x 5/8 - 11 - A36	771004

Sigma Green	
Description	Part #
4 x 5/8 - 36	730001
4 x 3/8 - 24 - 36	730014
4-1/2 x 7/8 - 36	730000
4-1/2 x 7/8 - 46	730008
4-1/2 x 7/8 - 60	730009
4-1/2 x 5/8 - 11 - 36	730002
4-1/2 x 5/8 - 11 - 46	730017
4-1/2 x 5/8 - 11 - 60	730015
5 x 7/8 - 36	730005
5 x 5/8 - 11 - 36	730006
7 x 7/8 - 36	730003
7 x 5/8 - 11 - 36	730004

Sigma Green Max	
Description	Part #
4-1/2 x 1/4 x 7/8	739100
4-1/2 x 1/4 x 5/8 - 11	739150
5 x 1/4 x 7/8	739101
5 x 1/4 x 5/8 - 11	739151
7 x 1/4 x 7/8	739103
7 x 1/4 x 5/8 - 11	739153

Velocity Pipeliner	
Description	Part #
4-1/2" x 5/32 x 7/8	790001
4-1/2" x 5/32 x 5/8 - 11	790101

Velocity Grinding Wheel	
Description	Part #
4-1/2" x 1/4 x 7/8	790000
4-1/2" x 1/4 x 5/8 - 11	790100

Sigma Ceramic Flap Discs	
Description	Part #
4-1/2 x 7/8 - 36	735000
4-1/2 x 7/8 - 60	735001
5 x 7/8 - 36	735002
5 x 7/8 - 60	735003
7 x 7/8 - 36	735004
7 x 7/8 - 60	735005
4-1/2 X 5/8-11 - 36	735006
4-1/2 X 5/8-11 - 60	735007
5 X 5/8-11 - 36	735008
5 X 5/8-11 - 60	735009
7 X 5/8 -11 - 36	735010
7 X 5/8-11 - 60	735011

Fusion Interleaf Flap Discs	
Description	Part #
4-1/2 x 7/8 - CRS	894000
4-1/2 x 5/8-11 - CRS	894003
5 x 7/8 - CRS	894006
5 x 5/8-11 - CRS	894009
4-1/2 x 7/8 - MED	894001
4-1/2 x 5/8-11 - MED	894004
5 x 7/8 - MED	894007
5 x 5/8-11 - MED	894010
4-1/2 x 7/8 - VFINE	894002
4-1/2 x 5/8-11 - VFINE	894005
5 x 7/8 - VFINE	894008
5 x 5/8-11 - VFINE	894011

Alpha-Green - Type 1	
Description	Part #
3 x .040 x 1/4	860010
3 x .040 x 3/8	860000
3 x .045 x 3/8	860001
4 x .040 x 3/8	860012
4 x .045 x 3/8	860013
4 x .040 x 5/8	860002
4 x .045 x 5/8	860003
4.5 x .040 x 7/8	860004
4.5 x .045 x 7/8	860005
5 x .040 x 7/8	860006
6 x .040 x 7/8	860008
6 x .045 x 7/8	860009

Alpha-Green - Type 27	
Description	Part #
4 x .040 x 5/8	870002
4 x .045 x 5/8	870003
4.5 x .040 x 7/8	870004
4.5 x .045 x 7/8	870005
5 x .040 x 7/8	870006
6 x .040 x 7/8	870008
7 x 1/16 x 7/8	870010

Aluminator - Type 1	
Description	Part #
4 x .045 x 5/8	800200
4.5 x .045 x 7/8	800201
5 x .045 x 7/8	800202
6 x .045 x 7/8	800203

Aluminator - Type 27	
Description	Part #
4.5 x .045 x 7/8	800300
5 x .045 x 7/8	800301
6 x .045 x 7/8	800302
7 x 1/16 x 7/8	800303

Versa-Cut - Type 1	
Description	Part #
4.5 x .045 x 7/8	890050
6 x .045 x 7/8	890051

Versa-Cut - Type 27	
Description	Part #
4.5 x .045 x 7/8	890100
6 x .045 x 1/4	890101

Quick Change Discs - Cotton Fiber	
Description	Part #
2" Type R A24M	500101
2" Type R A36F	500082
2" Type R A54F	500083
2" Type R A80F	500084
2" Type R A120F	500085
3" Type R A24M	500141
3" Type R A36F	500122
3" Type R A54F	500123
3" Type R A80F	500124
3" Type R A120F	500125

Fusion Quick Change Discs	
Description	Part #
3" Type R CRS	883000
3" Type R MED	883001

Quick Change Discs Max	
Description	Part #
2" Type R A24M	820000
2" Type R A36M	820010
2" Type R A54M	820011
2" Type R A80M	820012
2" Type R A36F	820001
2" Type R A54F	820002
2" Type R A80F	820003
2" Type R A120F	820004
3" Type R A24M	820030
3" Type R A36M	820040
3" Type R A54M	820041
3" Type R A80M	820042
3" Type R A36F	820031
3" Type R A54F	820032
3" Type R A80F	820033
3" Type R A120F	820034

Mini Flap Quick Change Discs	
Description	Part #
2" - CRS	896000
2" - MED	896001
2" - FINE	896002
2" - VFINE	896003
3" - CRS	896004
3" - MED	896005
3" - FINE	896006
3" - VFINE	896007

Megabrite Surface Conditioning Quick Change Discs	
Description	Part #
2" - CRS	720000
2" - MED	720001
2" - VFINE	720002
3" - CRS	720003
3" - MED	720004
3" - VFINE	720005

Stainless Steel Tube Finishing Kits	
Description	Part #
Satin	749000
Polish	749001

Inside Corner Weld Blending Disc	
Description	Part #
4-1/2 x 1/4 x 7/8	898599

Quick Change Holders	
Description	Part #
1 - Type R - 1/4" Shank	580000
1-1/2 - Type R - 1/4" Shank	580001
2 - Type R - 1/4" Shank	580002
3 - Type R - 1/4" Shank	580003
1 - Type R - 6mm Shank	580020
1-1/2 - Type R - 6mm Shank	580021
2 - Type R - 6mm Shank	580022
3 - Type R - 6mm Shank	580023
1 - Type S - 1/4" Shank	580004
1-1/2 - Type S - 1/4" Shank	580005
2 - Type S - 1/4" Shank	580006
3 - Type S - 1/4" Shank	580007
1 - Type S - 6mm Shank	580024
1-1/2 - Type S - 6mm Shank	580025
2 - Type S - 6mm Shank	580026
3 - Type S - 6mm Shank	580027

ABRASIVE SAFETY

At Rex-Cut Abrasives, safety is a priority. Our products are manufactured under strict guidelines and we only produce high quality, safe products. The safety information below should be used only as a guide for the Rex-Cut Abrasives range of products. Safety continues with the operator, please read and share the information below.

SAFETY INFORMATION

This safety information should be used only as a guide for the Rex-Cut Abrasives range of products.

1. Check all wheels for cracks or other damage before mounting.
2. Check machine speeds against maximum operating speed of the wheel.
3. Be sure that the wheel bore, threaded or unthreaded, fits machine arbor properly and that flanges are clean, flat, and of the proper type for the wheel you are mounting.
4. Run the wheel in a protected area at least one minute before grinding.
5. Wheels must be properly guarded.
6. Wear protective safety glasses or a proper face shield.
7. Do not use wheels which have been dropped or otherwise damaged.
8. Do not use excessive pressure when mounting wheels between flanges.
Tighten nut sufficiently to hold wheel firmly.
9. Do not use heavy side grinding pressure on any Type 1 straight sided wheel.
10. Do not mount more than one wheel on a single arbor.

STORAGE

Rex-Cut Abrasive wheels should be stacked flat, not on their edges. Store in a dry area.

RPM / SFPM SPEED CONVERSIONS

Definitions:

SFPM = Surface Speed in Feet per Minute

RPM = Revolutions per Minute

M/S = Meters per second

The SFPM for most T27 bonded grinding wheels is approximately 15,600. Note that this is equal to the European standard of 80 M/S or 13,300 RPM for a 4-1/2" diameter wheel.

Calculations:

- to convert RPM to SFPM..... $SFPM = (RPM \times DIA) / 3.82$

- to convert SFPM to RPM..... $RPM = (SFPM \times 3.82) / DIA$

- to convert M/S to SFPM..... $M/S \times 197$

- to convert SFPM to M/S..... $SFPM \times .005$

For more information regarding Safe Operating Speeds, refer to ANSI B.7.1 Table 23 - "Standard maximum speeds in surface feet per minute" and Table 35 - "Conversion Table - Wheel speeds"

GENERAL TECHNICAL DATA - METALS

ALUMINUM GRADES

NON-HEAT TREATABLE ALLOYS	
GRADE	DESCRIPTION
1100	The purest aluminum alloy excellent for forming
3003	This alloy is similar to 1100 with higher strength
5005	Anodizing quality with excellent corrosion resistance
5052	Good forming, welding, and corrosion resistance
5086	High strength superior atmospheric corrosion resistance
5456	Highest strength alloy of the non-treatable grades
HEAT TREATABLE ALLOYS	
GRADE	DESCRIPTION
2024	High strength alloy with fair workability and machining qualities
ALCLAD 2024	The high strength of 2024 with excellent corrosion resistance.
6061	Good strength and workability. The best alloy for anodizing.
7075	Very high strength and hardness. Good machining characteristics
ALCLAD 7075	The high strength of 7075 with good corrosion resistance

STAINLESS STEEL GRADES

GRADE	DESCRIPTION
304	Low carbon
304L	Extra low carbon
309/309S	High temperature strength and scale resistance
310/310S	Similar to 309 with higher alloy content
316	Best corrosion resistance
316L	Extra low carbon variation of 316
321	Stabilized with titanium for welds subject to severe corrosion
410/410S	Low cost general purpose stainless. Used where corrosive environment isn't severe
430	A non-hardening straight chromium grade

RMS AND RA FINISHES

STANDARD SHEET FINISHES	RMS	RA	COTTON FIBER ABRASIVE SPEC. REQUIRED TO ACHIEVE THIS FINISH
No. 3	30-45	25-40	A54GFX
No. 4	18-30	15-25	A80GFX
No. 6	14-20	12-18	A120 - A180GFX
No. 7	5-9	4-8	A320GFX
No. 8	1-5	0-4	

STANDARD MILL FINISHES

NO.	DESCRIPTION
No. 3	A semi-coarse unidirectional uniform finish
No. 4	A finer ground unidirectional finish commonly referred to as a satin finish
No. 6	A non-directional semi-polished finish
No. 7	A buffed finish having a high degree of reflectiveness
No. 8	A blemish free finish with a high degree of clarity, a true mirror finish

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