

METALWORKING

2026





KLINGSPOR Metalworking Products

Abrasives play a crucial role in the metalworking industry. The surface preparation and finishing stages require abrasives from coarse to ultrafine grits in belts, discs, sheets, strips, flap wheels, polishing wheels, polishing compounds, and many more.

Other abrasive tools, such as cut-off wheels, grinding discs, flap discs, flap wheels, and non-woven buffing brushes, are used to fabricate and modify the parts to be plated.

KLINGSPOR Abrasives has been a manufacturer of sanding and grinding products for over 130 years. We have abrasive solutions for just about any chrome plating need, from fabrication through final buffing and polishing.

Service

- ✓ One of the 5 leading manufacturers of Abrasives worldwide with over 130 years of experience
- ✓ Team of technical specialists
- ✓ Factory-trained sales representatives all over the US
- ✓ Variety of products for polishing applications
- ✓ Custom size products
- ✓ ISO certification guarantees consistent quality
- ✓ oSa certified products for your safety
- ✓ Fast lead times

Choose the best KLINGSPOR product for your application

STOCK REMOVAL

Product	Grit Range	Grain Type	Availability	Feature
PS 36C/D	36, 40, 60	AZ	K/O & PSA	Stearate
PS 61F	60, 80	Cr	K/O	Aggressive, Heavy Paper
CS 310X	24, 36, 40, 60	AO	K/O	Cloth
CS 710XF	80	AO	K/O	Cloth
PS 21F	40, 60, 80	AZ	PSA	Heavy Paper
PS 33C	40, 60	AO	K/O & PSA	Stearate
KlingNet	80	AO	K/O	Net Backing

INTERMEDIATE & FINISH SANDING

Product	Grit Range	Grain Type	Availability	Feature
PS 36C/D	80 - 220	AZ	K/O & PSA	Stearate
PS 61F	120 - 280	Cr	K/O	Heavy Paper
CS 310X	80 - 600	AO	K/O	Cloth
CS 710XF	100 - 240	AO	K/O	Cloth
PS 21F	100 - 400	AZ	PSA	Heavy Paper
PS 33C	80 - 600	AO	K/O & PSA	Stearate
VP 73W	80 - 1200	AO	K/O & PSA	Stearate/Latex
PS 73W B/C		AO	K/O & PSA	Stearate
PS 11A/C	80 - 2000	SC	K/O & PSA	Wet/Dry
FP 77 Film	60 - 2000	AO	K/O & PSA	Stearate
LS 312JF	80 - 400	AO	PSA	Lubricated
Non-woven	Coarse, Medium, Very Fine, Super Fine	AO - C, M, F SC - SF	K/O & Plain /Hole Mount	Brush and Satin Finishes

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CMT – Quick Affix Flap Discs

Simply affix the die-cast backing plate to your angle grinder using a standard locking nut and leave it there. Then the CMT "loadings" are locked into place with a quick turn of the wrist. No tools are necessary to accomplish the task, which only takes seconds. When a new grinding surface is needed or when grits need to be changed, twist the CMT off and put a new one on. No more fumbling with the grinder's locking nut each time - twist on, twist off. Choose KLINGSPOR's CMTs for high production settings to reduce downtime or diverse applications in a job shop. **Maximum RPM 12,000.**

CMT 726 - ALUMINA ZIRCONIA



Diameter	Grit	6° CONVEX	Each
4-1/2"	120	\$8.23	
10/Box	80	\$8.23	
	60	\$8.23	
	40	\$8.23	

CMT 730 - MULTIBOND ALUMINA ZIRCONIA



Diameter	Grit	6° CONVEX	Each
4-1/2"	80	\$9.94	
10/Box	60	\$9.94	
	40	\$9.94	

CMT 728 - ALUMINA ZIRCONIA



Diameter	Grit	Each
4-1/2"	120	\$8.55
10/Box	80	\$8.55
	60	\$8.55
	40	\$8.55

CMT 800 - NON-WOVEN



Diameter	Grit	6° CONVEX	Each
4-1/2"	Coarse	\$16.15	
5/Box	Medium	\$16.15	
	Very Fine	\$16.15	

RECOMMENDED RPM 7,000 RPM



Special "channels" ensure that the CMT is securely locked in place.



The steel CMT backing plate.



Place the backing plate on your angle grinder.



CMT backing plate on angle grinder.



Use your standard locking nut to fasten the backing plate in place. (note: tighten locking nut with spanner wrench. Do not hand tighten)



Match the CMT "loading" to the backing plate.



4-1/2" BACKPLATE:
555CMTBACKPLATE115.....\$9.45



ADJUSTABLE SPANNER WRENCH
#BPS900001\$24.28



FLAP DISCS

SMT Flap Discs



SMT 325 EXTRA

SPECIFICATIONS

- Aluminum Zirconia
- Grinding of non-ferrous metals, mild steels and painted surfaces
- Designed to maintain removal levels on low-powered tools

FLAT AND 12° CONVEX



APPLICATIONS

- Finish grinding on flat surfaces
- Edge work and beveling
- Universal metal & steel
- Stainless Steel

Diameter	Bore Size	Grit	Vmax in m/s	Max RPM	Package	Per Box
4-1/2"	7/8"	40, 60, 80	80	13,300	10/Box	\$9.45

Always use with lock nut flange.



SMT 624 SUPRA

SPECIFICATIONS

- Alumina Zirconia
- Flap orientation maintains high aggression and service life
- Low profile disc from unique design
- Slight 6° convex form for universal application on surfaces and edges

12° CONVEX



APPLICATIONS

- Weld seam work
- Edge work/beveling
- Universal metal & steel
- Stainless steel/High alloy stainless steel

Diameter	Bore Size	Grit	Vmax in m/s	Max RPM	Package	Per Box
4-1/2"	7/8"	36, 40, 50, 60, 80, 120	80	13,300	10/Box	\$11.70
6"	7/8"	40, 60, 80	80	10,500	10/Box	\$12.90
7"	7/8"	36, 40, 60, 80	80	8,500	10/Box	\$15.85

Always use with lock nut flange.



SMT 628 SUPRA

SPECIFICATIONS

- Alumina Zirconia
- For high stock removal applications
- Flat design allows a wider grinding profile on larger flat surfaces
- Well suited for high-powered grinders

FLAT



APPLICATIONS

- Finish grinding on flat surfaces
- Universal metal & steel
- Stainless steel/High alloy stainless steel

Diameter	Bore Size	Grit	Vmax in m/s	Max RPM	Package	Per Box
4-1/2"	7/8"	24, 36, 40, 60, 80, 120	80	13,300	10/Box	\$7.47
7"	7/8"	24, 36, 40, 50, 60, 80, 120	80	8,500	10/Box	\$15.85

Always use with lock nut flange.



SMT 636 SUPRA

SPECIFICATIONS

- Alumina Zirconia treated with multiband lubricant
- Runs cooler for grinding on stainless steel
- Reduced clogging and loading associated with heat build-up

6° CONVEX



APPLICATIONS

- Weld seam work
- Edge work/beveling
- Universal metal & steel
- Stainless steel/High alloy stainless steel
- Aluminum & non-ferrous metals

Diameter	Bore Size	Grit	Vmax in m/s	Max RPM	Package	Per Box
4-1/2"	7/8"	36, 40, 60, 80	80	13,300	10/Box	\$12.39
7"	7/8"	40, 80	80	8,500	10/Box	\$21.76

REDUCED CLOGGING
AND LOADING WHEN
GRINDING ALUMINUM

SMT Flap Discs



QUICK ON/OFF
WITH BUILT-IN
THREADED HUB

SMT 940 SPECIAL

SPECIFICATIONS

- Alumina Zirconia
- Built in 5/8"-11 threaded center
- Firm, flat backing plate for aggressive grinding of flat surfaces
- Well suited for use on high-powered grinders

FLAT (BUILT-IN 5/8" - 11 THREAD)



APPLICATIONS

- Weld seam work
- Edge work/beveling
- Universal metal & steel
- Stainless steel/High alloy stainless steel
- Aluminum & non-ferrous metals

Diameter	Bore Size	Grit	Vmax in m/s	Max RPM	Package	Per Box
4-1/2"	5/8" - 11	36, 40, 50, 60, 80	80	13,300	10/Box	\$10.85



EXTRA THICK
FOR LONGER
LIFE

SMT 950 SPECIAL

SPECIFICATIONS

- Jumbo thickness Alumina Zirconia
- 20% more flaps
- Long service life in high-pressure applications
- Flat design allows a wider grinding profile on larger flat surfaces

FLAT (JUMBO)

Jumbo thickness Alumina Zirconia



APPLICATIONS

- Finish grinding on flat surfaces
- Universal metal & steel
- Stainless steel/High alloy stainless steel

Diameter	Bore Size	Grit	Vmax in m/s	Max RPM	Package	Per Box
4-1/2"	7/8"	36, 40, 60, 80	80	13,300	10/Box	\$12.40

Always use with lock nut flange.



EXTREME
HIGH
PERFORMANCE

SMT 926 SPECIAL

SPECIFICATIONS

- Alumina Zirconia
- Long service life
- Engineered for long life on rough steel work
- Well suited for use on high-powered grinders

6° CONVEX



APPLICATIONS

- Universal metal & steel
- Stainless steel/High alloy stainless steel
- Weld Seam work
- Edge work/beveling

Diameter	Bore Size	Grit	Vmax in m/s	Max RPM	Package	Per Box
4-1/2"	7/8"	40, 60, 80	80	13,300	10/Box	\$12.40

Always use with lock nut flange.

SMT 974 SPECIAL



SMT 976 SPECIAL



SMT 975 TITAN



CEVOLUTION



SCAN TO WATCH
CEVOLUTION
IN ACTION



FLAP DISCS

SMT Flap Discs



HIGHEST STOCK REMOVAL DISC ON THE MARKET

SMT 974 SPECIAL

SPECIFICATIONS

- Newly developed ceramic grain
- Aggressive removal for the most rigorous grinding
- Designed for aggressive edge grinding without shedding
- Premium disc for high powered grinders

6° CONVEX



APPLICATIONS

- Weld seam work
- Edge work/beveling
- Universal metal & steel

Diameter	Bore Size	Grit	Vmax in m/s	Max RPM	Package	Per Box
4-1/2"	7/8"	40, 60, 80	80	13,300	10/Box	\$12.39

Always use with lock nut flange.



STABLE GRINDING
TEMPERATURES FOR BETTER SURFACE FINISHES

SMT 976 SPECIAL

SPECIFICATIONS

- Newly developed ceramic grain with multibond lubricant
- Aggressive grinding for most demanding applications on stainless
- Stable grinding temperatures during heavy grinding
- Ideal for high-pressure applications and high-powered grinders

6° CONVEX



APPLICATIONS

- Weld seam work
- Edge work/beveling
- Universal metal & steel
- Stainless steel/High alloy stainless steel

Diameter	Bore Size	Grit	Vmax in m/s	Max RPM	Package	Per Box
4-1/2"	7/8"	40, 60, 80	80	13,300	10/Box	\$13.02



PRODUCES
BEAUTIFUL SATIN FINISHES

SMT 800 SPECIAL

SPECIFICATIONS

- Full non-woven abrasive flap disc
- Perfect for satin finishes on stainless
- Best results are achieved with a variable speed grinder

12° CONVEX



APPLICATIONS

- Rust & varnish removal
- Heat tinting and oxide film removal
- Universal metal & steel
- Stainless steel/High alloy stainless steel
- Aluminum & non-ferrous metals

Diameter	Bore Size	Grit	Color	Vmax in m/s	Max RPM	Package	Per Box
4-1/2"	7/8"	coarse	brown	80	7,000	5/Box	\$21.11
4-1/2"	7/8"	medium	maroon	80	7,000	5/Box	\$21.11
4-1/2"	7/8"	very fine	green	80	7,000	5/Box	\$21.11

Always use with lock nut flange.



REMOTES TIG WELDS & FINISHES IN ONE STEP

SMT 850 SPECIAL

SPECIFICATIONS

- Combination of coated and non-woven abrasives
- Coated abrasive with multibond lubricant allows for cooler finishing on stainless
- Produces a beautiful satin finish
- Best results are achieved with a variable speed grinder

12° CONVEX



APPLICATIONS

- Finish grinding on flat and contoured surfaces
- Weld seam work
- Stainless steel/High alloy stainless steel
- Aluminum & non-ferrous metals

Diameter	Bore Size	Grit	Vmax in m/s	Max RPM	Pkg/box	Price
4-1/2"	7/8"	60 coarse	80	7,000	5/Box	\$25.45
4-1/2"	7/8"	80 medium	80	7,000	5/Box	\$25.45
4-1/2"	7/8"	120 very fine	80	7,000	5/Box	\$25.45

Always use with lock nut flange.

SMT TITAN

ADVANTAGES

- LONGEVITY:** Largest advantage is the longevity of the discs compared to a standard SMT. The unique design of the trimmable discs allows the user to utilize the entirety of the flaps, giving much longer life. The hard to reach middle section of the flaps often goes unused, and with the trimmable backing, the user simply has to trim the edge back and easily access the untouched new abrasive. Longer use of each disc in return means that production time is saved by less frequent disc changes.
- QUICK CHANGE:** Easy and quick disc change. The discs include a built in 5/8"-11 threaded arbor for quick and easy mounting.
- COOL RUN:** The ability to run cooler. The unique fan shape of the backing allows the disc to run cooler, giving the disc more life.
- FIRM PLASTIC BACKING PLATE** allows for more aggression when needed.

SMT 950 T-XL

TITAN

MAX RPM:
13,300

SPECIFICATIONS

- Alumina Zirconia Grain
- 20% more flaps for our thickest disc!
- Our Longest Lasting Flap Disc
- High Level of aggression
- Offered in angled or flat for diverse applications.
- Best suited for use on high powered grinders

APPLICATIONS

- Weld seam work
- Edge work/beveling
- Universal metal & steel
- Stainless steel/High alloy stainless steel



FLAT



6° CONVEX



SMT 636 T

TITAN

MAX RPM:
13,300

SPECIFICATIONS

- Alumina Zirconia treated with multiband lubricant
- Runs cooler for grinding on stainless steel
- Reduced clogging and loading associated with heat build-up

APPLICATIONS

- Weld seam work
- Edge work/beveling
- Universal metal & steel
- Stainless steel/High alloy stainless steel
- Aluminum & non-ferrous metals



6° CONVEX



SCAN TO WATCH
HOW TO TRIM
A TITAN WHEEL



FLAP DISCS

ITEMS & AVAILABILITY

- 4-1/2" angled and flat versions
- Several of our well-working options receive a trimmable backing: the SMT 624 Convex, SMT 624 Flat, SMT800, SMT 850, SMT 636, SMT 996

MARKETS

- Fab shops
- Production shops
- Oil & Gas
- Autobody/ Restoration shops
- Stainless shops and welding shops



MOUNT BY SIMPLY SPINNING IT ON! NO TOOLS OR MOUNTING NUT NEEDED!

SMT 624 T TITAN



FLAT



12° CONVEX

SPECIFICATIONS

- Alumina Zirconia
- High level of aggression
- Angled for effective grinding of welds, contoured surfaces, and edges
- Well suited for use on high-powered grinders

APPLICATIONS

- Weld seam work
- Edge work/beveling
- Universal metal & steel
- Stainless steel/High alloy stainless steel

Diameter	Bore Size	Grit	Availability	Per Each
4-1/2"	5/8"-11	120	Flat	\$11.70
10/Box	5/8"-11	80	Convex or Flat	\$11.70
	5/8"-11	60	Convex or Flat	\$11.70
	5/8"-11	40	Convex or Flat	\$11.70
	5/8"-11	36	Convex	\$11.70



MAXIMUM RPM: 13,300

SMT 800 T TITAN



12° CONVEX

SPECIFICATIONS

- Full non-woven abrasive flap disc
- Perfect for satin finishes on stainless
- Best results are achieved with a variable speed grinder

APPLICATIONS

- Rust & varnish removal
- Heat tinting and oxide film removal
- Universal metal & steel
- Stainless steel/High alloy stainless steel
- Aluminum & non-ferrous metals

Diameter	Bore Size	Grit	Color	Per Each
4-1/2"	5/8"-11	very fine	green	\$22.78
5/Box	5/8"-11	medium	maroon	\$22.78
	5/8"-11	coarse	brown	\$22.78



MAX RPM = 13,300
RECOMMENDED RPM 7,000

SMT 850 T TITAN



12° CONVEX

SPECIFICATIONS

- Combination of coated and non-woven abrasives
- Coated abrasive with multibond lubricant allows for cooler finishing on stainless
- Produces a beautiful satin finish
- Best results are achieved with a variable speed grinder

APPLICATIONS

- Finish grinding on flat and contoured surfaces
- Weld seam work
- Universal metal & steel
- Stainless steel/High alloy stainless steel
- Aluminum & non-ferrous metals

Diameter	Bore Size	Grit	Color	Per Each
4-1/2"	5/8"-11	very fine	green	\$27.44
5/Box	5/8"-11	medium	maroon	\$27.44
	5/8"-11	coarse	brown	\$27.44



MAX RPM = 13,300
RECOMMENDED RPM 7,000

SMT 975 T TITAN



6° CONVEX

SPECIFICATIONS

- Newly developed ceramic grain
- High level of aggression for faster cutting and high removal rates
- Best suited for use on high-powered grinders

APPLICATIONS

- Weld seam grinding
- Edge grinding and beveling
- Universal for metals and steels

Diameter	Bore Size	Grit	Availability	Per Each
4-1/2"	5/8"-11	80	Convex	\$13.39
10/Box	5/8"-11	60	Convex	\$13.39
	5/8"-11	40	Convex	\$13.39

CEVOLUTION



MAXIMUM RPM: 13,300

Quality Classes

KLINGSPOR offers three integrated quality classes that offer each user and each application the right flap disc for the job at hand.

SPECIAL "9" SERIES

- High performance tools offering outstanding performance and service life.
- For users who need their tools to perform at peak output and reliability even if subjected to the most punishing applications



SMT 974

6° CONVEX
Ceramic grain



SMT 926

6° CONVEX
Alumina Zirconia



SMT 940

FLAT (BUILT-IN 5/8"-11 THREAD)
Alumina Zirconia



SMT 950

FLAT (JUMBO)
Jumbo thickness
Alumina Zirconia



SMT 976

6° CONVEX
Ceramic grain
with multibond lubricant



SMT 800

12° CONVEX
Full non-woven
abrasive flap disc



SMT 850

12° CONVEX
Combination of coated
abrasives and
non-woven abrasives

SUPRA "6" SERIES

- Professional products with excellent life and a high stock removal rate.
- Best combination of life and aggression.
- For users who require tools that deliver reliable and powerful performance every day.



SMT 624

12° CONVEX
Alumina Zirconia

SMT 628

FLAT
Alumina Zirconia

SMT 636

6° CONVEX
Alumina Zirconia treated
with multiband lubricant



EXTRA "3" SERIES

- Ideal price/performance ratio for universal use.
- Offers excellent grinding results on a variety of steels.
- Quality at an affordable price.
- For users who expect their tools to meet professional standards, but do not need to use them continuously.



SMT 325

FLAT AND
12° CONVEX
Alumina Zirconia

SPECIAL CMT The ONLY Quick-Change Flap Disc

- KLINGSPOR is the ONLY producer of a quick-change flap disc
- Safe for use just like a flap disc
- Fast, convenient disc changes – perfect for production situations

- Offers the same grinding/blending as other flap discs
- Less expensive than flap discs
- Several options available for grinding and finishing



CMT 726

6° CONVEX
Alumina Zirconia



CMT 730

6° CONVEX
Alumina Zirconia
with multibond lubricant



CMT 728

FLAT
Alumina Zirconia



CMT 800

6° CONVEX
Full non-woven
abrasive flap disc





SMT 636 T

6° CONVEX **TITAN**
Alumina Zirconia
w/lube



SMT 924 T

6° CONVEX **TITAN**
Alumina Zirconia



Aggression:	
Service life:	
Backing:	Trimmable Plastic, 5/8" - 11
Abrasive:	Aluminum Zirconia + Lube
Form:	convex (6°)



SMT 624 T

FLAT **TITAN**
Alumina Zirconia



SMT 624 T

12° CONVEX **TITAN**
Alumina Zirconia



Aggression:		
Service life:		
Backing:	Trimmable Plastic, 5/8" - 11	Trimmable Plastic, 5/8" - 11
Abrasive:	Aluminum Zirconia	Aluminum Zirconia
Form:	flat	convex (12°)



SMT 800 T

12° CONVEX **TITAN**
Non-Woven



SMT 850 T

12° CONVEX **TITAN**
Non-Woven with
Aluminum
Oxide



Aggression:		
Service life:		
Backing:	Trimmable Plastic, 5/8" - 11	Trimmable Plastic, 5/8" - 11
Abrasive:	Non-Woven	Aluminum Oxide / Non-Woven
Form:	convex (12°)	convex (12°)



SMT 975

6° CONVEX **TITAN**



SMT 950 T JUMBO

TITAN

6 ° CONVEX

FLAT



Aggression:	
Service life:	
Backing:	Trimmable Plastic, 5/8" - 11
Abrasive:	Newly Developed Ceramic
Form:	convex (6°)

Trimmable Plastic, 5/8" - 11

Aluminum Zirconia

convex (6°) and flat

Fibre Discs

CS 561 ALUMINUM OXIDE FIBRE DISCS

These aluminum oxide discs are perfect for most metal grinding applications where major stock removal is NOT necessary. Removal of surface contaminants and smoothing of mild weld seams are the CS 561's forte.

Diameter	Box Qty	Max RPM	80 Grit+	60 Grit	50 Grit	40 Grit	36 Grit	24 Grit	16 Grit
4" x 5/8"	25	14,400	\$34.28	\$37.24	\$39.00	N/A	\$41.96	\$43.15	\$53.78
4-1/2" x 7/8"	25	13,300	\$37.82	\$40.79	\$41.96	\$43.72	\$44.91	\$46.69	\$58.53
5" x 7/8"	25	12,200	\$41.96	\$43.73	\$46.69	\$48.46	\$49.65	\$51.41	\$66.19
7" x 7/8"	25	8,600	\$66.19	\$70.34	\$72.11	\$76.23	\$78.02	\$80.96	\$102.24
9" x 7/8"	25	6,600	\$86.88	\$92.78	\$97.51	N/A	\$103.42	\$106.37	\$136.51

CS 565 ALUMINA ZIRCONIA FIBRE DISCS

For heavier stock removal and faster cutting, the CS 565 cannot be beat. The tough alumina zirconia grains cut with a vengeance to take your workpiece to a more finished state.

Diameter	Box Qty	Max RPM	100/80 Grit	60 Grit	50 Grit	36 Grit	24 Grit
4-1/2" x 7/8"	25	12,200	\$48.28	\$51.22	\$53.34	\$58.29	\$61.22
5" x 7/8"	25	8,600	\$61.22	\$64.16	\$67.12	\$73.01	\$76.52
7" x 7/8"	25	6,600	\$85.36	\$90.07	\$92.42	\$100.68	\$104.19
9" x 7/8"	25	6,600	N/A	\$162.51	\$165.47	\$189.78	\$186.74

CS 570 LUBRICATED ALUMINA ZIRCONIA FIBRE DISCS

Also an alumina zirconia disc, the CS 570 has an added advantage - a dry lubricant. This feature aids in reducing heat build-up for a cleaner, cooler cut. The CS 570 is especially useful in those applications where grinding heat can discolor the workpiece.

Diameter	Box Qty	Max RPM	120/80 Grit	60 Grit	50 Grit	36 Grit	24 Grit
4-1/2" x 7/8"	25	12,200	\$48.46	\$51.59	\$53.78	\$58.52	\$61.47
5" x 7/8"	25	8,600	\$61.47	\$64.41	\$67.38	\$73.29	\$76.82

FS 966 LUBRICATED CERAMIC FIBRE DISCS

For the optimum in life and grinding consistency, these ceramic aluminum oxide lubed fibre discs cannot be beat. The tough ceramic grain cuts fast and lasts longer than any other grain type on hard steels and metals.

Diameter	Box Qty	Max RPM	80 Grit+	60 Grit	50 Grit	40 Grit	36 Grit	24 Grit
4-1/2" x 7/8"	25	13,000	\$67.35	\$70.69	\$76.35	\$79.57	\$87.50	\$100.98
5" x 7/8"	25	12,200	\$91.01	\$95.54	\$103.19	\$105.85	\$116.49	\$134.09
7" x 7/8"	25	8,600	\$145.74	\$153.03	\$165.26	\$174.58	\$192.02	\$220.59

FS 964 CERAMIC FIBRE DISCS

Comprised of tough ceramic grains, fully resin-bonded to a heavy vulcanized fiber backing. Ideal for carbon steel and heavy stock removal.

Diameter	Box Qty	Max RPM	120 Grit	80 Grit	60 Grit	50 Grit	40 Grit	36 Grit	24 Grit
4-1/2" x 7/8"	25	13,000	\$58.55	\$60.60	\$63.61	\$68.63	\$71.62	\$78.75	\$90.89
5" x 7/8"	25	12,200	\$75.75	\$81.91	\$86.00	\$92.94	\$95.28	\$104.63	\$120.70
7" x 7/8"	25	8,600	\$124.62	\$131.16	\$137.72	\$148.79	\$157.14	\$172.81	\$198.51



WATCH OUR FULL
FIBRE DISC
PRODUCT RANGE

Quick Lock Fibre Discs

Production shops will appreciate the quick on, quick off use of KLINGSPOR's Quick Lock Fibre Discs. Changing of discs or switching between grits takes only a few seconds. Use only with KLINGSPOR's Quick Lock Backing Pads.

CS 561 ALUMINUM OXIDE

Diameter	Grit	Per Box
4-1/2" x 7/8"	80+	\$65.59
25/Box	60	\$68.55
13,300 RPM	50	\$69.70
	40	\$71.56
	36	\$72.76
	24	\$74.57
	16	\$86.59
5" x 7/8"	80+	\$69.74
25/Box	60	\$71.57
12,200 RPM	40	\$76.51
	36	\$77.57
	24	\$79.39
	16	\$97.18
7" x 7/8"	80+	\$94.41
25/Box	60	\$97.41
8,600 RPM	40	\$103.32
	36	\$106.43
	24	\$109.46
	16	\$131.08
9" x 7/8"	80+	\$101.78
25/Box	60	\$104.08
6,600 RPM	50	\$115.45
	36	\$121.42
	24	\$126.27
	16	\$165.98

CS 570 LUBRICATED ALUMINA ZIRCONIA

Diameter	Grit	Per Box
4-1/2" x 7/8"	80	\$76.36
25/Box	60	\$79.39
13,000 RPM	50	\$81.78
	36	\$86.59
	24	\$89.60
5" x 7/8"	80	\$89.60
25/Box	60	\$92.61
12,200 RPM	50	\$95.61
	36	\$101.62
	24	\$105.23
7" x 7/8"	80	\$114.26
25/Box	60	\$119.05
8,600 RPM	50	\$121.48
	36	\$129.89
	24	\$133.49

CS 565 ALUMINA ZIRCONIA

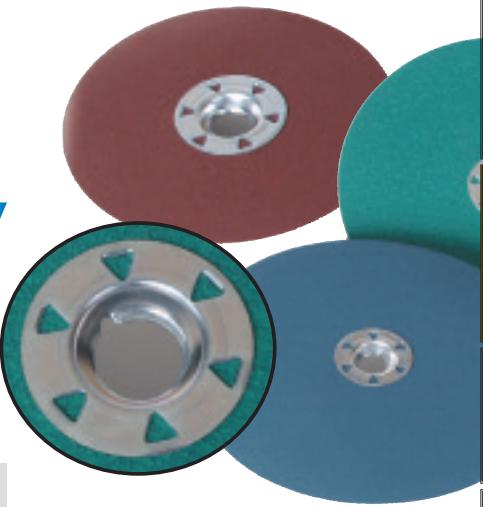
Diameter	Grit	Per Box
4-1/2" x 7/8"	80	\$76.37
25/Box	60	\$79.39
13,000 RPM	50	\$81.78
	36	\$86.60
	24	\$89.60
5" x 7/8"	80	\$89.60
25/Box	60	\$92.61
12,200 RPM	50	\$95.60
	36	\$101.62
	24	\$105.23
7" x 7/8"	80	\$114.26
25/Box	60	\$119.05
8,600 RPM	50	\$121.48
	36	\$129.89
	24	\$133.49
9" x 7/8"	80	\$178.92
25/Box	60	\$192.42
6,600 RPM	50	\$195.46
	36	\$213.46
	24	\$217.08

5/8" - 11 LOCKING NUT

#BP9825.....\$6.16

FS 964 CERAMIC ACT

Diameter	Grit	Per Box
4-1/2" x 7/8"	120	\$80.42
25/Box	80	\$87.38
13,000 RPM	60	\$89.82
	50	\$94.08
	40	\$98.35
	36	\$108.15
	24	\$124.82
5" x 7/8"	80	\$114.80
25/Box	60	\$118.13
12,200 RPM	50	\$127.58
	40	\$130.89
	36	\$143.73
	24	\$165.78
7" x 7/8"	80	\$180.16
25/Box	60	\$189.18
8,600 RPM	50	\$217.08
	40	\$233.28
	36	\$268.00
	24	



FS 966 LUBRICATED CERAMIC ACT

Diameter	Grit	Per Box
4-1/2" x 7/8"	120	\$89.35
25/Box	80	\$95.88
13,000 RPM	60	\$97.10
	50	\$105.06
	40	\$109.28
	36	\$116.38
	24	\$129.93
5" x 7/8"	80	\$119.98
25/Box	60	\$122.47
12,200 RPM	50	\$132.41
	40	\$145.44
	36	\$154.64
	24	\$163.85
7" x 7/8"	80	\$200.19
25/Box	60	\$210.21
8,600 RPM	50	\$219.93
	40	\$229.67
	36	\$263.73
	24	\$302.98



QUICK LOCK BACKING PAD

Diameter	Item Number	Max RPM	Per Pad
4-1/2"	BPQ001	20,000	\$77.89
4-1/2" Low Profile	BPQ002	20,000	\$77.89
5"	BPQ003	20,000	\$77.89
5" Low Profile	BPQ004	20,000	\$77.89
7" Medium	BPQ006	8,600	\$87.67
7" Firm	BPQ007	8,600	\$102.04
9" Medium	BPQ008	7,000	\$122.00

Bonded Abrasives - Thin Cut-off wheels



OFFERS THE MOST
AGGRESSIVE CUT

K 960 TX SPECIAL FLAT

SPECIFICATIONS

- Ceramic aluminum oxide grain
- Very Hard Bond
- Burr Free
- Fast cut

APPLICATIONS

- Stainless Steel
- High Alloy Steel
- Steel
- Titanium

Properties:

Hardness	██████████
Aggression	██████████
Service life	██████████

Applications:

Stainless Steel	●
High Alloy Steel	●
Steel	●
Titanium	●

Size

Box Qty

Max RPM

Item#

Price

4-1/2" x .045" x 7/8"	25	13,300	K960TX1151.022F	\$5.92
5" x .045" x 7/8"	25	12,200	K960TX1251.022F	\$6.65



AGGRESSIVE
CUTTING IN
HARD STEELS

Z 960 TX SPECIAL

SPECIFICATIONS

- Alumina Zirconia grain
- Very Hard Bond
- Burr Free
- Fast Cut

DEPRESSED CENTER & FLAT

APPLICATIONS

- Stainless Steel
- Carbon Steel
- General metal
- High Alloy Steel

Properties:

Hardness	██████████
Aggression	██████████
Service life	██████████

Applications:

Stainless Steel	●
High Alloy Steel	●
Steel	●
Titanium	●

Size

Box Qty

Max RPM

Item#

Price

4-1/2" x .045" x 7/8" TYPE 27	25	13,300	Z960TX1151.022D	\$5.16
5" x .045" x 7/8" TYPE 27	25	12,200	Z960TX1251.022D	\$5.79
4-1/2" x .045" x 7/8"	25	13,300	Z960TX1151.022F	\$5.16
5" x .045" x 7/8"	25	12,200	Z960TX1251.022F	\$5.79



FAST BURR FREE
CUTS

A 960 TZ SPECIAL

SPECIFICATIONS

- Aluminum Oxide grain
- Very Hard Bond
- Burr Free
- Fast cut

DEPRESSED CENTER & FLAT

APPLICATIONS

- Stainless Steel
- Steel
- Carbon Steel
- General metal

Properties:

Hardness	██████████
Aggression	██████████
Service life	██████████

Applications:

Stainless Steel	●
Steel	●
Carbon Steel	●
General metal	●

Size

Box Qty

Max RPM

Item#

Price

4-1/2" x .045" x 7/8" TYPE 27	25	13,300	A960TZ1151.022D	\$4.68
5" x .045" x 7/8" TYPE 27	25	12,200	A960TZ1251.022D	\$5.26
4-1/2" x .045" x 7/8"	25	13,300	A960TZ1151.022F	\$4.68
5" x .045" x 7/8"	25	12,200	A960TZ1251.022F	\$5.26



BEST MULTI-PURPOSE
CUTTING WHEEL

A 946 TZ SPECIAL

SPECIFICATIONS

- Alumina Oxide grain
- Very Hard Bond
- Burr Free
- Fast Cut

FLAT

APPLICATIONS

- Steel
- Stainless Steel
- Non-Ferrous Metals
- Castings
- Carbon Steel
- General Metal

Properties:

Hardness	██████████
Aggression	██████████
Service life	██████████

Applications:

Steel	●
Stainless Steel	●
Non-Ferrous Metals	●
Castings	●
Carbon Steel	●
General Metal	●

Size

Box Qty

Max RPM

Item#

Price

4-1/2" x 1/16" x 7/8"	25	13,300	A946TZ1151.622F	\$4.69
5" x 1/16" x 7/8"	25	12,200	A946TZ1251.622F	\$5.52
6" x 1/16" x 7/8"	25	10,200	A946TZ1501.622F	\$5.77
7" x 1/16" x 7/8"	25	8,500	A946TZ1781.622F	\$7.16
9" x 5/64" x 7/8"	25	6,600	A946TZ2301.922F	\$9.19





MULTI-PURPOSE IN FLAT OR TYPE 27



A 46 TZ SPECIAL DEPRESSED CENTER & FLAT

SPECIFICATIONS

- Aluminum Oxide grain
- Very Hard Bond
- Burr Free
- Fast Cut

APPLICATIONS

- Steel
- Stainless Steel
- Carbon Steel
- General Metal

Properties:

Hardness	<input checked="" type="checkbox"/> <input type="checkbox"/>
Aggression	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Service life	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

Applications:

Steel	<input checked="" type="checkbox"/>
Stainless Steel	<input checked="" type="checkbox"/>
Carbon Steel	<input checked="" type="checkbox"/>
General metal	<input checked="" type="checkbox"/>

Size	Box Qty	Max RPM	Item#	Each
4" x 1/16" x 5/8"	25	13,300	A46TZ1001.616F	\$3.86
4-1/2" x 1/16" x 7/8" TYPE 27	25	13,300	A46TZ1151.622D	\$3.98
4-1/2" x 1/16" x 7/8"	25	13,300	A46TZ1151.622F	\$3.98
5" x 1/16" x 7/8"	25	12,200	A46TZ1251.622F	\$4.71
6" x 1/16" x 7/8"	25	10,200	A46TZ1501.622D	\$4.87
6" x 1/16" x 7/8" TYPE 27	25	10,200	A46TZ1501.622D	\$4.87
7" x 1/16" x 7/8"	25	8,500	A46TZ1781.622F	\$6.08
7" x 1/16" x 7/8" TYPE 27	25	8,500	A46TZ1781.622D	\$6.08
9" x 5/64" x 7/8"	25	6,600	A46TZ2301.922F	\$7.77
9" x 5/64" x 7/8" TYPE 27	25	6,600	A46TZ2301.922D	\$7.77



A 60 TZ SPECIAL FLAT

SPECIFICATIONS

- Aluminum Oxide grain
- Very Hard Bond
- Burr Free
- Fast Cut

APPLICATIONS

- Stainless Steel
- Steel
- Carbon Steel
- General Metal

Properties:

Hardness	<input checked="" type="checkbox"/> <input type="checkbox"/>
Aggression	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Service life	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

Applications:

Stainless Steel	<input checked="" type="checkbox"/>
Steel	<input checked="" type="checkbox"/>
Carbon Steel	<input checked="" type="checkbox"/>
General Metal	<input checked="" type="checkbox"/>

Size	Box Qty	Max RPM	Item#	Each
4" x .045" X 5/8"	25	15,300	A60TZ1001.016F	\$4.53



A 980 TZ SUPRA DEPRESSED CENTER

SPECIFICATIONS

- Aluminum Oxide grain
- Very Hard Bond
- Burr Free
- Fast Cut

APPLICATIONS

- Stainless Steel
- Steel
- Carbon Steel
- Sheet Metal

Properties:

Hardness	<input checked="" type="checkbox"/> <input type="checkbox"/>
Aggression	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Service life	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

Applications:

Stainless Steel	<input checked="" type="checkbox"/>
Steel	<input checked="" type="checkbox"/>
Carbon Steel	<input checked="" type="checkbox"/>
Sheet Metal	<input checked="" type="checkbox"/>

Size	Box Qty	Max RPM	Item#	Each
4-1/2" x 1/32" x 7/8" TYPE 27	25	13,300	A980TZ1150.822D	\$5.18
5" x 1/32" x 7/8" TYPE 27	25	12,200	A980TZ1250.822D	\$5.72



A 60 N SUPRA FLAT

SPECIFICATIONS

- Aluminum Oxide grain
- Soft Bond with pore filler for longevity for non-ferrous metals
- Burr Free
- Fast Cut

APPLICATIONS

- Aluminum
- Non Ferrous

Properties:

Hardness	<input checked="" type="checkbox"/> <input type="checkbox"/>
Aggression	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
Service life	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

Applications:

Aluminum	<input checked="" type="checkbox"/>
Non Ferrous	<input checked="" type="checkbox"/>
Copper	<input checked="" type="checkbox"/>
Brass	<input checked="" type="checkbox"/>

Size	Box Qty	Max RPM	Item#	Price
4-1/2" x .045" x 7/8"	25	13,300	A60N1151.022F	\$5.20
5" x .045" x 7/8"	25	12,200	A60N1251.022F	\$5.72

EXCELLENT RESULTS
ON NON-FERROUS METALS



CHOOSING THE BEST
CUT OFF WHEEL
FOR YOUR NEEDS

Cut-off wheels



QUALITY CUTS AND
SPEED WITH
DIE GRINDER

A 660 R SUPRA FLAT

SPECIFICATIONS

- Aluminum Oxide grain
- Medium Bond
- Burr Free
- Fast Cut

APPLICATIONS

- Stainless Steel
- Steel
- Carbon Steel
- General Metal

Size	Box Qty	Max RPM	Item Number	Price
2" x 3/64" x 1/4"	40	38,200	A660R0501.006F-40	\$3.39
3" x 3/64" x 1/4"	40	25,200	A660R0761.006F-40	\$3.39
3" x 3/64" x 3/8"	40	25,200	A660R0761.010F-40	\$3.39
3" x 1/16" x 1/4"	40	25,200	A660R0761.606F-40	\$3.39
3" x 1/16" x 3/8"	40	25,200	A660R0761.610F-40	\$3.39
4" x 3/64" x 3/8"	25	15,200	A660R1001.010F	\$19.57

A 660 R MANDREL

1/4" & 3/8" ARBOR 1/4-3/8X1/4SL \$19.58/per mandrel



A 24 R SUPRA

SPECIFICATIONS

- Aluminum Oxide grain
- Soft Bond

SUPRA DEPRESSED CENTER & FLAT

APPLICATIONS

- Steel
- Stainless Steel
- Cast Iron
- Mild Steel

Properties:

Hardness	■■■■■□□	Steel	●
Aggression	■■■■■□□	Stainless Steel	●
Service life	■■■■■□□	Cast Iron	●

Applications:

Steel	●
Stainless Steel	●
Cast Iron	●
Mild Steel	●

FLAT

Size	Box Qty	Max RPM	Item Number	Each
4-1/2" x 3/32" x 7/8"	25	13,300	A24R1152.522F	\$4.23
6" x 3/32" x 7/8"	25	10,200	A24R1502.522F	\$5.72
7" x 1/8" x 7/8"	25	6,600	A24R1783.022F	\$5.94

DEPRESSED CENTER

Size	Box Qty	Max RPM	Item Number	Each
4-1/2" x 3/32" x 7/8"	25	13,300	A24R1152.522D	\$4.23
5" x 3/32" x 7/8"	25	12,200	A24R1252.522D	\$4.80
7" x 1/8" x 7/8"	25	8,500	A24R1783.022D	\$5.93
7" x 1/8" x 5/8"-11 hub	10	8,500	A24R1783.022A	\$8.98
9" x 1/8" x 5/8"-11 hub	10	6,600	A24R2303.022A	\$13.23
9" x 1/8" x 7/8" TYPE 42	25	6,600	A24R2303.022D	\$10.06

Diamond cutting blade

DT 600 ACM SUPRA



Advantages: Vacuum-brazed disc for almost all metals - No wear behavior as with conventional diamond cutting blades and therefore almost odorless and dirt-free - Extra thin blade for high cutting performance and aggressiveness.

Properties:

Design	Vacuum-brazed
Segmentation	Standard
Aggression	■■■■■□□
Service life	■■■■■□□

Applications:

Building Construction	●
Gardening & Landscaping	●
Paving Companies	●
Road Companies	●
Steel Construction	●

Diameter x Bore	Max Operating Speed	Max RPM's	Machine	Price
4-1/2" x 7/8"	80 m/s	13,300 rpm	Angle Grinder	\$47.42
5" x 7/8"	80 m/s	12,200 rpm	Angle Grinder	\$51.20
9" x 7/8"	80 m/s	6,600 rpm	Angle Grinder	\$113.49



CUT-OFF WHEELS

Cut-off wheels



A 924 SX SPECIAL FLAT

SPECIFICATIONS

- Aluminum Oxide grain
- Very Hard Bond
- Fast Cut

APPLICATIONS

- Rail Steel
- Structural Steel
- Tool Steel

Size

Box Qty

Max RPM

Item Number

Price

14" x 5/32" x 1"

10

5,500

A924SX3504.025F

\$27.90

16" x 5/32" x 1"

10

4,800

A924SX4004.025F

\$35.38

**FOR GAS
POWERED
SAWS**

**BEST RAIL CUTTING
WHEEL IN THE INDUSTRY**

Properties:

Hardness

Applications:

Rail Steel

Structural Steel

Tool Steel

A 924 R SPECIAL FLAT

SPECIFICATIONS

- Aluminum Oxide grain
- Medium Bond
- Fast Cut

APPLICATIONS

- Steel
- Structural Steel
- Tool Steel
- Ductile Iron
- Castings

Size

Box Qty

Max RPM

Item Number

Price

12" x 9/64" x 20 mm

10

5,100

A924R3003.520F

\$14.73

14" x 5/32" x 20 mm

10

4,400

A924R3504.020F

\$23.70

14" x 5/32" x 1"

10

4,400

A924R3504.025F

\$21.55

**FOR GAS
POWERED
SAWS**

A 24 R SUPRA FLAT

SPECIFICATIONS

- Aluminum Oxide grain
- Medium Bond
- Fast Cut

APPLICATIONS

- Steel
- Structural Steel
- Tool Steel

Properties:

Hardness

Applications:

Steel

Structural Steel

Tool Steel

Size

Box Qty

Max RPM

Item Number

Price

12" x 1/8" x 1"

10

6,400

A24R3003.025F

\$14.94

16" x 3/16" x 1"

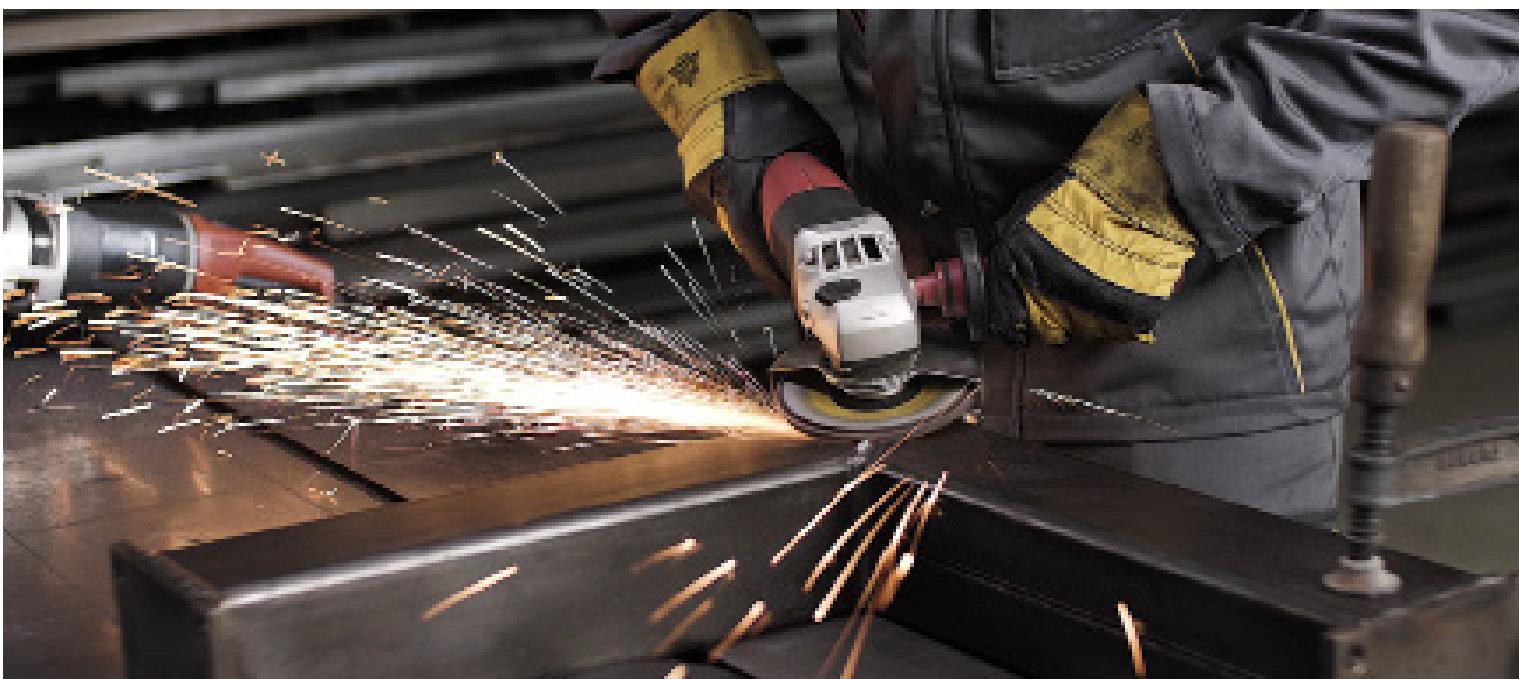
10

4,800

A24R4004.025F

\$25.76

**FOR
STATIONARY
MACHINES**



Cut-off wheels for Low-Powered Chop Saws



A 330 N EXTRA FLAT

SPECIFICATIONS

- Aluminum Oxide grain
- Soft Bond
- Fast Cut

APPLICATIONS

- Mild Steel
- Steel
- General Metal

UNIVERSAL WHEEL ON SOLID MATERIAL

Properties:

Hardness	■■■□□□□
----------	---------

Aggression	■■■■■□□□
------------	----------

Service life	■■■■□□□□
--------------	----------

Applications:

Mild Steel	●
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Steel	●
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General Metal	●
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A 630 N SUPRA FLAT

SPECIFICATIONS

- Aluminum Oxide grain
- Soft Bond
- Fast Cut

APPLICATIONS

- Mild Steel
- Steel
- General Metal

IDEAL FOR USE ON
HOLLOW MATERIALS



SCAN TO WATCH
A 630 N
IN ACTION



A 930 N SPECIAL FLAT

UNIVERSAL WHEEL ON SOLID MATERIAL

SPECIFICATIONS

- Aluminum Oxide grain
- Soft Bond
- Fast Cut

APPLICATIONS

- Mild Steel
- Steel
- General Metal

PREMIUM CUTTING WHEEL
FOR HIGH PERFORMANCE ON
LOW-POWERED CHOP SAWS

Size	Box Qty	Max RPM	Item Number	Each
14" x 1/8" x 1"	10	4,400	A930N3503.025F FC	\$17.57

Properties:

Hardness	■■■□□□□
----------	---------

Aggression	■■■■■□□□
------------	----------

Service life	■■■■□□□□
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Applications:

Mild Steel	●
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Steel	●
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General Metal	●
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TS 30 AP SPECIAL DEPRESSED CENTER

SPECIFICATIONS

- Aluminum Oxide grain
- Medium Bond

APPLICATIONS

- Pipeline/Root Seams
- Sheet Steel
- Tank Fabrication

Size	Box Qty	Max RPM	Item Number	Each
4-1/2" x 1/8" x 7/8"	10	13,300	TS30AP1153.522D	\$4.57
4-1/2" x 1/8" x 5/8" - 11	10	13,300	TS30AP1153.522A	\$6.26
5" x 1/8" x 7/8"	10	12,200	TS30AP1253.522D	\$4.97
6" x 1/8" x 7/8"	10	10,200	TS30AP1503.522D	\$5.38
6" x 1/8" x 5/8" - 11	10	10,200	TS30AP1503.522A	\$7.04
7" x 1/8" x 7/8"	10	8,600	TS30AP1783.722D	\$6.59
7" x 1/8" x 5/8" - 11	10	8,600	TS30AP1783.722A	\$8.60

Properties:

Hardness	■■■□□□□
----------	---------

Aggression	■■■■■□□□
------------	----------

Service life	■■■■□□□□
--------------	----------

Applications:

Pipeline/Root Seams	●
---------------------	---

Sheet Steel	●
-------------	---

Tank Fabrication	●
------------------	---



Bonded Abrasive Reference

Description	Type	Thickness	Steel	Hardened Steels	Tool Steel	Stainless Steel	High Alloy Steels	Corrosion & Acid Proof Steels	Aluminum	Bronze	Copper	Brass	Zinc, Die-Casting	Cast Iron	Stone/Concrete	Asphalt
Cut Off Wheel for Angle Grinder	A 980 TZ SPECIAL	1/32	●	●	●	●	●	●	○	○	○	○	○	○	○	○
	A 960 TZ SPECIAL	.045	●	●	●	●	●	●	○	○	○	○	●	○	○	○
	Z 960 TX SPECIAL	.045	●	●	●	●	●	●	○	○	○	○	●	○	●	○
	K 960 TX SPECIAL	.045	●	●	●	●	●	●	○	○	○	○	●	●	●	●
	A 60 TZ SPECIAL INOX	.045	●	●	●	●	●	●	○	○	○	○	●	●	○	○
	A 60 N SUPRA	.045	○	○	○	○	○	○	●	●	●	●	○	○	○	○
	A 46 TZ SPECIAL INOX	5/64 +1/16	●	●	●	●	●	●	○	○	○	○	●	○	●	○
	A 946 TZ SPECIAL	5/64 +1/16	●	●	●	●	●	●	○	○	○	○	●	○	●	○
	A 24 R SUPRA	3/32 - 1/8	●	●	●	○	○	○					○	○		
Die Grinder	A 660 R SUPRA small cut off wheel	3/64 - 1/16	●	●	●	●	○	○	○	○	○	○	○	○	○	○
for Low Powered Chop Saw	A 330 E SPECIAL	3/32 - 1/8	●	○	○	○	○	○	○	○	○	○	○	○	○	○
	A 630 N SUPRA	3/32	●	○	○	○	○	○	○	○	○	○	○	○	○	○
	A 930 N SPECIAL	1/8	●	○	○	○	○	○	○	○	○	○	○	○	○	○
for Stationary Machine	A 24 R SUPRA	1/8 - 3/16	●	●	●	○	○	○					○			
for Gas Powered Saw	A 924 R SPECIAL	5/32	●	●	●	●	●	●					○			
	A 924 SX SPECIAL	5/32	●	●												
Dual Use for Angle Grinder	TS 30 AP SPECIAL	1/8	○	○	●	●	●	●					○			
	A 46 VZ SPECIAL	5/64	○	○	●	●	●	●					○			
Grinding Discs for Angle Grinder	A 624 R SUPRA	1/4	●	●	●	○	○	○					○			
	A 24 N SUPRA INOX	1/4	○	●	○	●	●	●					○			
	A 624 T SUPRA	1/4	●	●	●	○	○	○					●			
	A 30 M SPECIAL	1/4	○	●	○	●	●	●					○			
	A 46 N SUPRA	1/4							●	○	○	○	○			

○ Possible Application

● Ideal Application

Grinding Discs



A 46 VZ SPECIAL DEPRESSED CENTER

SPECIFICATIONS

- Aluminum Oxide grain
- Hard Bond

APPLICATIONS

- Pipeline
- Sheet Steel
- Tank Fabrication
- Thinner Metals

Diameter

Grit

Max RPM

Item Number

EXTRA THIN & EFFICIENT FOR CUTTING & GRINDING

Properties:

Hardness ■■■■■□□

Aggression ■■■■■□□

Service life ■■■■■□□

Applications:

Pipeline ●

Sheet Steel ●

Tank Fabrication ●

Thinner Metals ●

DUPLEX

A 624 R SUPRA DEPRESSED CENTER

SPECIFICATIONS

- Aluminum Oxide grain
- Medium Bond

APPLICATIONS

- Mild Steel
- Steel
- Structural Steel



TOP DISC IN THE INDUSTRY ON MILD STEEL

Size

Box Qty

Max RPM

Item Number

Per Disc

4-1/2" x 1/4" x 7/8"	10	13,300	A24R1156.022D	\$5.92
4-1/2" x 1/4" x 5/8"-11 hub	10	13,300	A24R1156.022A	\$8.95
5" x 1/4" x 7/8"	10	12,200	A24R1256.022D	\$6.17
5" x 1/4" x 5/8"-11 hub	10	12,200	A24R1256.022A	\$9.20
6" x 1/4" x 7/8"	10	10,200	A24R1506.022D	\$7.81
6" x 1/4" x 5/8"-11 hub	10	10,200	A24R1506.022A	\$10.83
7" x 1/4" x 7/8"	10	8,500	A24R1786.022D	\$10.33
7" x 1/4" x 5/8"-11 hub	10	8,500	A24R1786.022A	\$13.37
9" x 1/4" x 7/8"	10	6,600	A24R2306.022D	\$17.55
9" x 1/4" x 5/8"-11 hub	10	6,600	A24R2306.022A	\$20.55

A 24 N SUPRA DEPRESSED CENTER

SPECIFICATIONS

- Aluminum Oxide grain
- Soft Bond

APPLICATIONS

- Stainless Steel
- Non-Alloy
- High-Alloy Stainless Steel



Diameter

Box Qty

Max RPM

Item Number

Price

4-1/2" x 1/4" x 7/8"	10	13,300	A24N1156.022D	\$6.55
4-1/2" x 1/4" x 5/8"-11 hub	10	13,300	A24N1156.022A	\$9.58
5" x 1/4" x 7/8"	10	12,200	A24N1256.022D	\$7.19
9" x 1/4" x 7/8"	10	6,600	A24N2306.022D	\$19.16
9" x 1/4" x 5/8"-11 hub	10	6,600	A24N2306.022A	\$22.18

Properties:

Hardness ■■■■■□□

Aggression ■■■■■□□

Service life ■■■■■□□

Applications:

Pipeline/Root Seams ●

Sheet Steel ●

Tank Fabrication ●



Grinding Discs



A 624 T SUPRA DEPRESSED CENTER

SPECIFICATIONS

- Aluminum Oxide grain
- Medium Bond

APPLICATIONS

- Hardened Steel
- Cast Iron
- Cast Steel

Diameter

4-1/2" x 1/4" x 7/8"

Box Qty

10

Max RPM

13,300

Item Number

A624T1156.022D

Price

\$5.61

4-1/2" x 1/4" x 5/8"-11 hub

10

Max RPM

13,300

Item Number

A624T1156.022A

Price

\$8.26

5" x 1/4" x 7/8"

10

Max RPM

12,200

Item Number

A624T1256.022D

Price

\$6.51

5" x 1/4" x 5/8"-11 hub

10

Max RPM

12,200

Item Number

A624T1256.022A

Price

\$9.16

7" x 1/4" x 7/8"

10

Max RPM

8,500

Item Number

A624T1786.022D

Price

\$11.67

7" x 1/4" x 5/8"-11 hub

10

Max RPM

8,500

Item Number

A624T1786.022A

Price

\$14.42

9" x 1/4" x 7/8"

10

Max RPM

6,600

Item Number

A624T2306.022D

Price

\$18.67

9" x 1/4" x 5/8"-11 hub

10

Max RPM

6,600

Item Number

A624T2306.022A

Price

\$21.69

Properties:

Hardness

Aggression

Service life

Applications:

Stainless Steel

Carbon Steel



A 46 N SUPRA DEPRESSED CENTER

SPECIFICATIONS

- Aluminum Oxide grain
- Soft Bond

APPLICATIONS

- Aluminum
- Non-ferrous

Diameter

4-1/2" x 1/4" x 7/8"

Box Qty

10

Max RPM

13,300

Item#

A46N1156.022D

Price

\$6.55

4-1/2" x 1/4" x 5/8"-11 hub

10

Max RPM

13,300

Item#

A46N1156.022A

Price

\$9.58

5" x 1/4" x 7/8"

10

Max RPM

12,200

Item#

A46N1256.022D

Price

\$7.19

5" x 1/4" x 5/8"-11 hub

10

Max RPM

12,200

Item#

A46N1256.022A

Price

\$10.21

7" x 1/4" x 7/8"

10

Max RPM

8,500

Item#

A46N1786.022D

Price

\$11.35

7" x 1/4" x 5/8"-11 hub

10

Max RPM

8,500

Item#

A46N1786.022A

Price

\$14.38

Properties:

Hardness

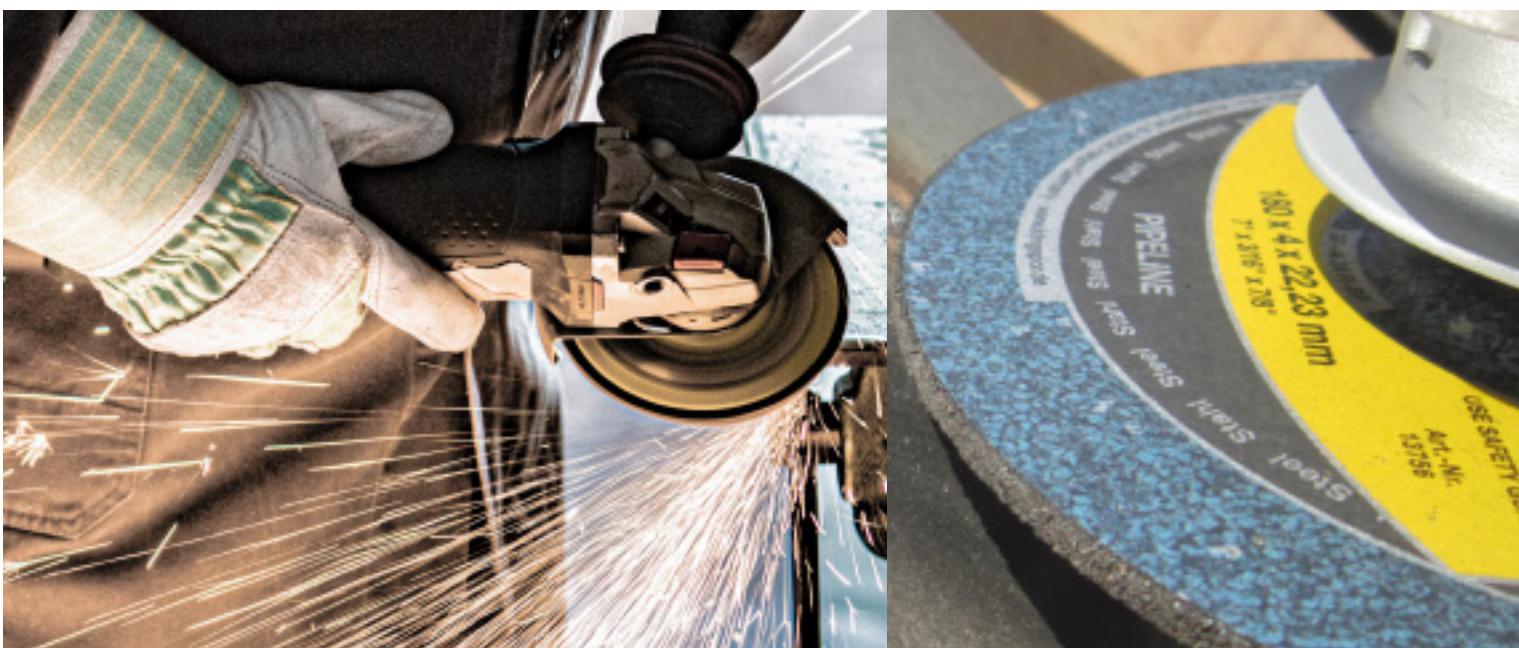
Aggression

Service life

Applications:

Aluminum

Non-Ferrous



Non-Woven

LOW STRETCH SCRIM BACK (NWLS)

- Tight/compact non-woven fibers
- Thicker and harder resin coating
- Best for deburring (backstand)
- Slightly more aggressive for harder materials

FILE BELT SCRIM BACK (NWXF)

- Designed for file belts
- Good for belts with a tight radius

HYPERFLEX (NWKC)

- Mild Flexible
- Longest lasting non-woven belt
- Bright finishes
- Not overly aggressive



Material	Coarse	Medium	Very Fine	Super Fine
Color	Brown	Maroon	Blue	Grey
Grain	AO	AO	AO	SiC
Grit	80-100	150-180	320-340	600-800

FILE BELTS (NWXF ONLY)

Diameter	Price
1/2" x 18"	\$7.52
1/2" x 20-1/2"	\$7.93
1/2" x 24"	\$8.51
3/4" x 18"	\$10.59
3/4" x 20-1/2"	\$11.27
1" x 18"	\$11.34
1" x 24"	\$13.23
1-1/8" x 21"	\$12.65
1-1/4" x 20-1/2"	\$12.47
1-1/2" x 18-15/16"	\$13.36

NOTE: Please add 25% for SUPERFINE pricing

Butt Joints #4 only. Scrim back is cloth fiber velour laminated to back side of non-woven structure.

WIDE BELTS (NWLS)

Diameter	Price
19" x 48"	\$232.30
36" x 60"	\$589.21
36" x 75"	\$712.01
37" x 60"	\$617.77
37" x 75"	\$746.64

BACKSTAND SANDER SIZES (NWLS)

Diameter	Price
2" x 118"	\$62.92
2" x 132"	\$69.32
3" x 118"	\$87.74
3" x 132"	\$96.40
4" x 118"	\$118.20
4" x 132"	\$129.83
4" x 168"	\$159.72

PLATEN SANDER SIZES (NWLS)

Diameter	Price
1" x 30"	\$15.13
1" x 42"	\$18.92
1-1/2" x 60"	\$27.70
2" x 30"	\$22.78
2" x 42"	\$28.25
2" x 48"	\$30.99
2" x 60"	\$36.46
2" x 72"	\$41.93
2-1/2" x 60"	\$48.99
3" x 24"	\$29.52
3-1/2" x 15-1/2"	\$31.91
4" x 24"	\$40.16
4" x 36"	\$50.12
6" x 48"	\$84.58

CUSTOM BELT SIZES AVAILABLE



HAND PAD HOLDER

Uses 1/2 of standard size hand pad \$6.89



NON-WOVEN



Heavy Duty Scrim Backed Discs are available in Very Fine, Medium, and Coarse.

SCRIM BACK DISCS (NWSB*)

Must be used with long hook back up pads



Diameter	Grit	Price
4" x NH 10/Pack	Super Fine	\$35.82
	Very Fine	\$28.63
	Medium	\$28.63
	Coarse	\$28.63
4" x 5/8" 10/Pack	Super Fine	\$35.82
	Very Fine	\$28.63
	Medium	\$28.63
	Coarse	\$28.63
4-1/2" x NH 10/Pack	Super Fine	\$51.60
	Very Fine	\$41.27
	Medium	\$41.27
	Coarse	\$41.27
4-1/2" x 7/8" 10/Pack	Super Fine	\$51.60
	Very Fine	\$41.27
	Medium	\$41.27
	Coarse	\$41.27
5" x NH 10/Pack	Super Fine	\$60.87
	Very Fine	\$48.74
	Medium	\$48.74
	Coarse	\$48.74
5" x 7/8" 10/Pack	Super Fine	\$61.00
	Very Fine	\$48.74
	Medium	\$48.74
	Coarse	\$48.74
6" x NH 10/Pack	Super Fine	\$84.50
	Very Fine	\$67.60
	Medium	\$67.60
	Coarse	\$67.60
7" x NH 10/Pack	Super Fine	\$104.97
	Very Fine	\$83.98
	Medium	\$83.98
	Coarse	\$83.98
7" x 7/8" 10/Pack	Super Fine	\$104.97
	Very Fine	\$83.98
	Medium	\$83.98
	Coarse	\$83.98
8" x NH 10/Pack	Super Fine	\$144.54
	Very Fine	\$115.62
	Medium	\$115.62
	Coarse	\$115.62

CLEAN & POLISH - LIGHTWEIGHT (NWTK) KLING-ON®

Diameter	Grit	Price
5" x NH 10/Pack	Very Fine	\$43.51
	Medium	\$43.51
	Coarse	\$43.51
6" x NH 10/Pack	Very Fine	\$61.80
	Medium	\$61.80
	Coarse	\$61.80
8" x NH 10/Pack	Very Fine	\$87.19
	Medium	\$87.19
	Coarse	\$87.19

BACKING PADS NON-WOVEN



For Buffers - Long Hook

Non-woven performs better at buffer rpms.
Angle grinder rpms too high

Size	Item	Price
4" (5/8" - 11)	FJ40G	\$41.68
4-1/2" (5/8" - 11)	FJ45G	\$42.71
5" (5/8" - 11)	FJ50G	\$43.22
6" (5/8" - 11)	FJ60G	\$44.67
7" (5/8" - 11)	FJ70G	\$48.30
8" (5/8" - 11)	FJ80G	\$48.30

PLEASE NOTE BEFORE ORDERING:

Long Hook Pads are for use with HD Scrim Back non-woven materials

HIGH STRENGTH - NON WOVEN

Medium (NWBHS + NWBHD)

Very Fine (NWBHS)

Diameter	Price
6" x 1/2" 5/Pack	\$45.83
8" x 1/2" 5/Pack	\$64.89
Heavy Duty (NWHD)	
Diameter	Price
6" x 1/2" 5/Pack	\$45.83
8" x 1/2" 5/Pack	\$64.89

Other sizes available. Call for Availability.

SURFACE CONDITIONING ROLLS



CLEAN & POLISH - LIGHTWEIGHT

Diameter	Grit	Price
4" x 30 Feet	Very Fine S/C	\$84.06
	Medium A/O	\$103.21
	Coarse A/O	\$147.67
6" x 30 Feet	Very Fine S/C	\$125.31
	Medium A/O	\$153.81
	Coarse A/O	\$205.79

Non-Woven Scrim Backed Quick Change Discs

QDC - SCRIM BACKED (NWSB)

Must be used with KLINGSPOR's Holder Pad.



Diameter	Grit	Per Box
2"	Very Fine	\$61.04
	Medium	\$61.04
	Coarse	\$61.04
3"	Very Fine	\$115.68
	Medium	\$115.68
	Coarse	\$115.68

QMC - SCRIM BACKED (NWSB)

Must be used with KLINGSPOR's Holder Pad.



Diameter	Grit	Per Box
2"	Very Fine	\$61.04
	Medium	\$61.04
	Coarse	\$61.04
3"	Very Fine	\$115.68
	Medium	\$115.68
	Coarse	\$115.68

NON-WOVEN BUFF & BLEND (NWBB)



QRC OR QMC

Diameter	Grit	Per Box
2"	Very Fine	\$61.04
25/Box	Medium	\$61.04
3"	Very Fine	\$115.68
25/Box	Medium	\$115.68

QRC - SCRrim Backed (NWSB)

Must be used with KLINGSPOR's Steel Mandrels.



Diameter	Grit	Per Box
2"	Very Fine	\$61.04
	Medium	\$61.04
	Coarse	\$61.04
3"	Very Fine	\$115.68
	Medium	\$115.68
	Coarse	\$115.68



HOLDER PADS FOR QRC & QMC DISCS

Disc Diameter	Density	Max RPM	QRC #	Per Holder
1-1/2"	Medium	25,000	(QM) (QR) HOLDER1.5MED	\$22.47
1-1/2"	Firm	30,000	(QM) (QR) HOLDER1.5FIRM	\$22.47
2"	Medium	25,000	(QM) (QR) HOLDER2.0MED	\$23.35
2"	Firm	30,000	(QM) (QR) HOLDER2.0FIRM	\$23.35
3"	Medium	20,000	(QM) (QR) HOLDER3.0MED	\$27.24
3"	Firm	20,000	(QM) (QR) HOLDER3.0FIRM	\$27.24

BRISTLE DISCS

Provide high cut while the flexible plastic brings superior cleaning to a wide variety of surface areas, without damaging the work piece. Eliminates flying wires common with traditional wire brushes.



Item#	Size	Color	Grit	Per Box
DYNA92015	2"	Green	50	\$20.28
DYNA92016	2"	Yellow	80	\$20.28
DYNA92017	2"	White	120	\$19.64
DYNA92021	3"	Green	50	\$29.76
DYNA92022	3"	Yellow	80	\$29.76
DYNA92023	3"	White	120	\$29.57



QUICK CHANGE

ALUMINUM OXIDE



Must be used with KLINGSPOR's Steel Mandrels.

Diameter	Grit	Per Box
3/4"	100+	\$74.78
100/Box	80	\$74.78
30,000 RPM	60	\$77.36
	50	\$79.36
	40	\$82.49
	36	\$84.73
	24	\$88.97
1"	100+	\$74.78
100/Box	80	\$74.78
30,000 RPM	60	\$77.36
	50	\$79.36
	40	\$82.49
	36	\$84.73
	24	\$88.64
1-1/2"	100+	\$92.85
100/Box	80	\$92.85
30,000 RPM	60	\$94.08
	50	\$97.18
	40	\$97.18
	36	\$98.11
	24	\$104.24
2"	100+	\$133.23
100/Box	80	\$135.97
20,000 RPM	60	\$137.72
	50	\$143.22
	40	\$147.15
	36	\$154.59
	24	\$165.67
3"	100+	\$85.02
50/Box	80	\$86.90
20,000 RPM	60	\$88.85
	50	\$91.36
	40	\$94.26
	36	\$97.14
	24	\$103.71
4"	100+	\$71.21
25/Box	80	\$72.79
20,000 RPM	60	\$74.40
	50	\$76.50
	40	\$78.94
	36	\$81.35
	24	\$85.42

ALUMINA ZIRCONIA



Must be used with KLINGSPOR's Steel Mandrels.

Diameter	Grit	Per Box
3/4"	120	\$89.74
100/Box	80	\$89.74
30,000 RPM	60	\$92.86
	50	\$95.26
	40	\$98.96
	36	\$101.92
	24	\$106.99
1"	120	\$89.74
100/Box	80	\$89.74
30,000 RPM	60	\$92.86
	50	\$95.26
	40	\$98.96
	36	\$101.92
	24	\$106.99
1-1/2"	100+	\$111.36
100/Box	80	\$111.36
30,000 RPM	60	\$112.91
	50	\$116.63
	40	\$116.63
	36	\$119.09
	24	\$125.22
2"	100+	\$159.88
100/Box	80	\$163.14
20,000 RPM	60	\$165.24
	50	\$171.89
	40	\$176.57
	36	\$185.52
	24	\$199.17
3"	100+	\$102.02
50/Box	80	\$104.27
20,000 RPM	60	\$106.62
	50	\$109.60
	40	\$113.12
	36	\$116.52
	24	\$124.07
4"	80	\$87.58
25/Box	60	\$89.54
20,000 RPM	50	\$92.08
	40	\$95.00
	36	\$97.90
	24	\$104.21

ALUMINA ZIRCONIA - LUBRICATED



Must be used with KLINGSPOR's Steel Mandrels.

Diameter	Grit	Per Box
3/4"	120	\$107.65
100/Box	80	\$107.65
30,000 RPM	60	\$111.41
	50	\$114.32
	40	\$118.78
	36	\$122.28
1"	120	\$107.65
100/Box	80	\$107.65
30,000 RPM	60	\$111.41
	50	\$114.32
	40	\$118.78
	36	\$122.28
1-1/2"	120	\$133.71
100/Box	80	\$133.71
30,000 RPM	60	\$135.56
	50	\$135.90
	40	\$140.00
	36	\$142.94
2"	100+	\$191.90
100/Box	80	\$195.82
20,000 RPM	60	\$198.33
	50	\$206.26
	40	\$211.91
	36	\$222.62
3"	100+	\$122.40
50/Box	80	\$125.15
20,000 RPM	60	\$127.97
	50	\$131.49
	40	\$135.73
	36	\$139.85
4"	100+	\$102.83
25/Box	80	\$105.28
20,000 RPM	60	\$108.74
	50	\$111.74
	40	\$114.03
	36	\$117.49



STEEL MANDRELS FOR QDC DISCS - 1/4" SHANK

For 3/4", 1", 1-1/2" QDC Discs

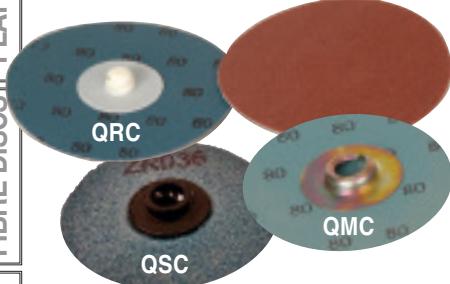
ITEM# SL100MANDREL \$8.86 each

For 2", 3", 4" QDC Discs

ITEM# SL101MANDREL \$11.12 each

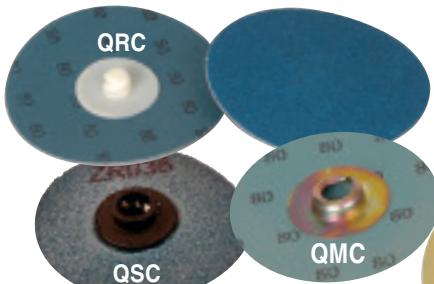
ALUMINUM OXIDE

Must be used with KLINGSPOR's Holder Pads



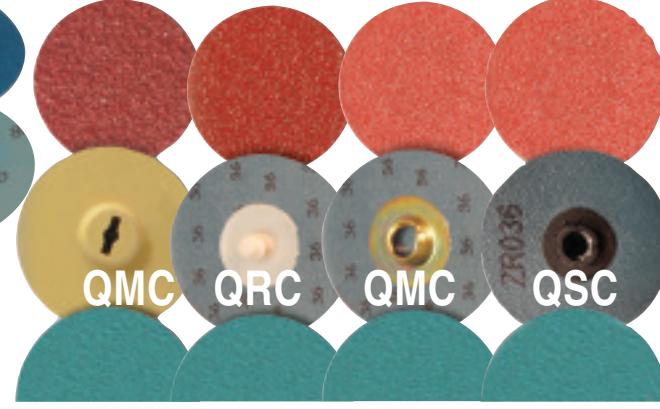
ALUMINA ZIRCONIA

Must be used with KLINGSPOR's Holder Pads



CERAMIC - AVAILABLE IN QDC, QRC, QMC AND QSC

QDC Must be used with KLINGSPOR's Holder Pads



Diameter	Grit	QDC	QMC	QRC	QSC
2"	180-100	\$187.67	\$187.67	\$187.67	\$187.67
100/Box	80	\$195.27	\$195.27	\$195.27	\$195.27
	60	\$203.29	\$203.29	\$203.29	\$203.29
	50	\$211.42	\$211.42	\$211.42	\$211.42
	40	\$217.22	\$217.22	\$217.22	\$217.22
	36	\$228.19	\$228.19	\$228.19	\$228.19
3"	180-100	\$120.03	\$120.03	\$120.03	\$120.03
50/Box	80	\$124.71	\$124.71	\$124.71	\$124.71
	60	\$131.16	\$131.16	\$131.16	\$131.16
	50	\$134.79	\$134.79	\$134.79	\$134.79
	40	\$139.07	\$139.07	\$139.07	\$139.07
	36	\$143.35	\$143.35	\$143.35	\$143.35

CERAMIC LUBRICATED

AVAILABLE IN QDC, QRC, QMC AND QSC

QDC Must be used with KLINGSPOR's Holder Pads

Diameter	Grit	QDC	QMC	QRC	QSC
2"	100	\$185.50	\$185.50	\$185.50	\$185.50
100/Box	80	\$195.26	\$195.26	\$195.26	\$195.26
	60	\$203.29	\$203.29	\$203.29	\$203.29
	50	\$211.42	\$211.42	\$211.42	\$211.42
	40	\$217.22	\$217.22	\$217.22	\$217.22
3"	100+	\$118.64	\$118.64	\$118.64	\$118.64
50/Box	80	\$124.72	\$124.72	\$124.72	\$124.72
	60	\$131.16	\$131.16	\$131.16	\$131.16
	50	\$134.79	\$134.79	\$134.79	\$134.79
	40	\$139.13	\$139.13	\$139.13	\$139.13
	36	\$143.35	\$143.35	\$143.35	\$143.35

NOTE: MAXIMUM RPM'S FOR QRC AND QMC DISCS ARE THE SAME AS THE MAXIMUM RPM RATINGS OF THE HOLDER PAD USED TO DRIVE THE DISCS.

Must be used with
KLINGSPOR's
Holder Pads Page 24

Rolls

PREMIUM SHOP ROLLS - 50 YARD

Not for use on drum sanders.

KL 361 ALUMINUM OXIDE FLEXIBLE COTTON CLOTH

Aluminum Oxide J-flex cloth backing, resin-resin bonded for general purpose use on all metals or wood. Shop roll material.

Width	Grit	Per Roll
1"	100+	\$64.33
	80	\$67.40
	60	\$78.72
	50	\$84.63
	40	\$90.51
1-1/2"	100+	\$90.87
	80	\$93.49
	60	\$112.08
	50	\$118.82
	40	\$126.13
2"	100+	\$115.04
	80	\$120.79
	60	\$144.55
	50	\$161.63
	40	\$168.09
3"	100+	\$169.44
	80	\$178.37
	60	\$192.60
	50	\$206.87
	40	\$222.90
4"	100+	\$225.88
	80	\$237.79
	60	\$256.82
	50	\$275.80
	40	\$297.23
6"	100+	\$339.27
	80	\$357.11
	60	\$385.71
	50	\$414.26
	40	\$446.43

Intermediate widths use next higher list price.
Widths up to 12" available. Call for pricing.



SCAN TO WATCH
KL 361 SHOP ROLL
IN ACTION

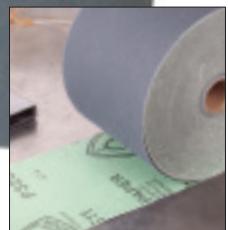


Cloth Rolls-100 Meters (109 Yards)

Width	Grit	Per Roll
1"	100+	\$155.19
	80	\$161.65
	60	\$177.32
	50	\$187.11
	40	\$199.49
	36	\$215.10
2"	100+	\$297.96
	80	\$313.55
	60	\$338.99
	50	\$361.17
	40	\$386.61
	36	\$415.30
3"	100+	\$437.42
	80	\$462.87
	60	\$503.95
	50	\$520.76
	40	\$573.66
	36	\$618.02
4"	100+	\$579.57
	80	\$614.75
	60	\$664.95
	50	\$713.19
	40	\$760.17
	36	\$820.78
5"	100+	\$722.36
	80	\$763.40
	60	\$829.87
	50	\$852.85
	40	\$887.26
	36	\$1,222.99
6"	100+	\$950.48
	80	\$865.11
	60	\$915.94
	50	\$991.58
	40	\$1,061.33
	36	\$1,137.62

Waterproof Paper Rolls PS 11 SILICON CARBIDE A/C WEIGHT LATEX PAPER

Width	Grit
4" x 100 meters	100+Finer 80
6" x 100 meters	100+Finer 80



CLOTH ROLLS

AVAILABLE MATERIALS

CS 308	A/O YX wt Cloth
LS 309	A/O J/JF wt Cloth
CS 310	A/O X wt Cloth
CS 311	A/O Open Coat YX wt Cloth ACT
LS 312*	A/O Dry-Lube JF wt Cloth
LS 313*	A/O Dry-Lube for SS JF wt Cloth
LS 318	JF 80 - 180 JF cotton cloth backing A/S, ACT bonding with an open coat.
CS 320*	S/C Waterproof YY wt
CS 321*	S/C Waterproof YX/X wt Cloth
CS 333	S/C X/J/JF wt Cloth
CS 341*	A/O Waterproof X wt Cloth
CS 412*	A/O YX wt Cloth
CS 411	A/Z X/YX/YY wt Cloth
CS 411 X	24-36 Grit - Add 40.32% to price shown 40-60 Grit - Add 33.10% to price shown 80 Grit - Add 27.56% to price shown 120 Grit - Add 27.56% to price shown
CS 411 Y	24-36 Grit - Add 57.15% to price shown 40-60 Grit - Add 49.71% to price shown 80 Grit - Add 46.05% to price shown 120 Grit - Add 31.14% to price shown
CS 710*	Heat-Treated XF Wt. Cloth ACT

* ADD 5% TO PRICE SHOWN

** ADD 10% TO PRICE SHOWN

25 meter (27 yards) rolls available at 75% off prices shown

50 meter (54 1/2 yards) rolls available at 50% off prices shown



Approved Dynafile Materials: CS310XF, CS710XF, CS308Y, CS321X, CS320Y, CS411Y, CS409Y, CS412Y, CS416Y, CS631XF, CS920, CS922, NWXF * 1/8" wide belts are not guaranteed against breakage. All belts with #4 (butt splice) only.



FILE BELTS

CS 308: Our YX weight Aluminum Oxide material is a fully resin-bonded product. Use on ferrous or non-ferrous metals and on hardwoods.

CS 310: Aluminum Oxide, X-Flex cloth resin-resin bond, closed coat. Suitable for all ferrous metals, hardwoods, leather, aluminum, stainless steel, and most alloys.

CS 412: Aluminum Oxide, resin-bonded, YX-weight (YX), polyester-backings for use wet or dry on ferrous or non-ferrous metals. Also suitable for sanding hardwoods.

CS 710: Heat-treated Aluminum Oxide, X-Flex cloth resin-resin bond, closed coat. Suitable for polishing all ferrous metals and sanding on hardwoods.

Belt Size Grit Per Box

* 1/8" x 12", 1/4" x 12", 1/2" x 12"	100+	\$16.60
10/Box	80	\$16.60
	60	\$16.60
	50	\$16.60
	40	\$16.60

* 1/8" x 18", 1/4" x 18", 1/2" x 18"	100+	\$18.39
10/Box	80	\$18.39
	60	\$18.39
	50	\$18.39
	40	\$18.39

1/4" x 20-1/2", 1/2" x 20-1/2"	100+	\$20.20
10/Box	80	\$20.20
	60	\$20.20
	50	\$20.20
	40	\$20.20

* 1/8" x 24", 1/4" x 24", 1/2" x 24"	100+	\$22.07
10/Box	80	\$22.07
	60	\$22.07
	50	\$22.07
	40	\$22.07

1/4" x 30", 1/2" x 30"	100+	\$23.80
10/Box	80	\$23.80
	60	\$23.80
	50	\$23.80
	40	\$23.80

3/8" x 13"	100+	\$17.82
10/Box	80	\$17.82
	60	\$17.82
	50	\$17.82
	40	\$17.82

5/8" x 18", 3/4" x 18"	100+	\$22.22
10/Box	80	\$22.22
	60	\$22.22
	50	\$22.22
	40	\$22.22

5/8" x 20-1/2", 3/4" x 20-1/2"	100+	\$23.78
10/Box	80	\$23.78
	60	\$23.78
	50	\$23.78
	40	\$23.78

5/8" x 24", 3/4" x 24"	100+	\$25.69
10/Box	80	\$25.69
	60	\$25.69
	50	\$25.69
	40	\$25.69

PREMIUM FILE BELTS

CS 409: Alumina Zirconia grain with a multi-bond additive on polyester backing for grinding high alloys such as titanium and metals like stainless steel where heat build-up is a problem.

CS 411 Y: Alumina Zirconia resin-bonded, polyester cloth Y-weight (Y) backing for high pressure, heavy stock removal on all types of metal, especially carbon and tool steels. Polyester backings can be used wet or dry.

CS 416 Y: 100% Alumina Zirconia semi-open coat on a heavy or extra heavy polyester backing for high pressure production situations grinding steel, stainless steel, non-ferrous metals, plastic, leather and wood planing.

Belt Size Grit Per Box

* 1/8" x 12", 1/4" x 12", 1/2" x 12"	100+	\$21.96
10/Box	80	\$21.96
	60	\$21.96
	50	\$21.96
	40	\$21.96

* 1/8" x 18", 1/4" x 18", 1/2" x 18"	100+	\$23.78
10/Box	80	\$23.78
	60	\$23.78
	50	\$23.78
	40	\$23.78

1/4" x 20-1/2", 1/2" x 20-1/2"	100+	\$25.97
10/Box	80	\$25.97
	60	\$25.97
	50	\$25.97
	40	\$25.97

* 1/8" x 24", 1/4" x 24", 1/2" x 24"	100+	\$27.49
10/Box	80	\$27.49
	60	\$27.49
	50	\$27.49
	40	\$27.49

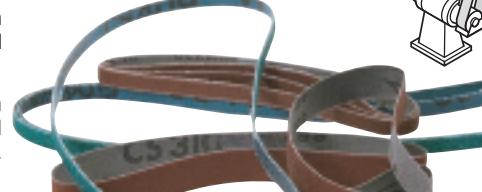
1/4" x 30", 1/2" x 30"	100+	\$29.29
10/Box	80	\$29.29
	60	\$29.29
	50	\$29.29
	40	\$29.29

3/8" x 13"	100+	\$23.28
10/Box	80	\$23.28
	60	\$23.28
	50	\$23.28
	40	\$23.28

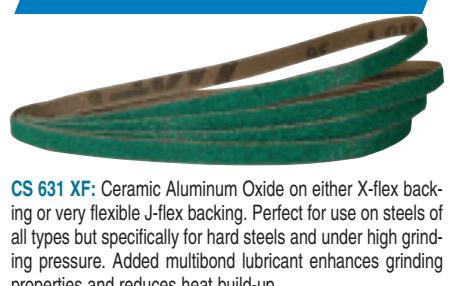
5/8" x 18", 3/4" x 18"	100+	\$26.61
10/Box	80	\$26.61
	60	\$26.61
	50	\$26.61
	40	\$26.61

5/8" x 20-1/2", 3/4" x 20-1/2"	100+	\$28.66
10/Box	80	\$28.66
	60	\$28.66
	50	\$28.66
	40	\$28.66

5/8" x 24", 3/4" x 24"	100+	\$31.14
10/Box	80	\$31.14
	60	\$31.14
	50	\$31.14
	40	\$31.14



CERAMIC FILE BELTS*



CS 631 XF: Ceramic Aluminum Oxide on either X-flex backing or very flexible J-flex backing. Perfect for use on steels of all types but specifically for hard steels and under high grinding pressure. Added multibond lubricant enhances grinding properties and reduces heat build-up.

CS 920 ACT: Ceramic Aluminum Oxide with multibond lubricant added to enhance the grinding properties and cool the grinding surface. Features a heavy polyester backing that enhances its durability while removing large amounts of stock.

CS 922 ACT: Ceramic Aluminum Oxide on our heaviest YY polyester backing for use on steels of all types and under high grinding pressure applications.

Belt Size	Grit	Per Box
1/4" x 18", 1/2" x 18"	180-100	\$27.47
10/Box	80	\$27.47
	60	\$27.47
	50	\$27.47
	40	\$27.47
	36	\$27.47

1/4" x 20-1/2", 1/2" x 20-1/2"	100+	\$29.89
10/Box	80	\$29.89
	60	\$29.89
	50	\$29.89
	40	\$29.89

1/4" x 24", 1/2" x 24"	100+	\$31.66
10/Box	80	\$31.66
	60	\$31.66
	50	\$31.66
	40	\$31.66

5/8" x 18", 3/4" x 18"	100+	\$30.62
10/Box	80	\$30.62
	60	\$30.62
	50	\$30.62
	40	\$30.62

5/8" x 24", 3/4" x 24"	100+	\$35.77
10/Box	80	\$35.77
	60	\$35.77
	50	\$35.77
	40	\$35.77



PREMIUM PORTABLE BELTS



The ultimate in life and consistency. Premium components offer extended use in wood sanding applications.

CS 311 YX ACT: Aluminum Oxide, anti-static, poly/cotton, resin-bonded, open coat material for wood sanding operations where clogging or loading is a problem and sanding of soft woods or mix of hard and soft woods.

PORTABLE BELTS



Most economical woodworking belt.
NOTE: If you are doing edge work in 40 - 60 grit, the CS311 or CS308 would be a better value

LS 309 XH: Aluminum Oxide, resin-bonded, lightweight X weight cotton cloth for sanding ferrous and non-ferrous metals, and both hard and soft woods. Portable belts only.

Belt Size	Grit	Per Box	Belt Size	Grit	Per Box	Belt Size	Grit	Per Box
1" x 42"	100+	\$40.65	3" x 21"	100+	\$29.74	4" x 24"	100+	\$39.66
10/Box	80	\$41.15	10/Box	80	\$30.26	10/Box	80	\$40.16
	60	\$43.49		60	\$31.46		60	\$41.88
5/Box	40	\$22.56	5/Box	40	\$16.86	5/Box	40	\$22.30
2" x 48"	100+	\$59.74	3" x 24"	100+	\$31.22	4" x 36"	100+	\$99.64
10/Box	80	\$61.46	10/Box	80	\$32.00	10/Box	80	\$102.61
	60	\$64.68		60	\$33.43		60	\$107.05
5/Box	40	\$34.93	5/Box	40	\$17.98	5/Box	40	\$57.74
3" x 18"	100+	\$28.27	4" x 21"	100+	\$78.33	6" x 48"	100+	\$174.98
10/Box	80	\$29.49	10/Box	80	\$80.08	10/Box	80	\$180.90
	60	\$29.99		60	\$82.79		60	\$189.83
5/Box	40	\$16.00	5/Box	40	\$43.87	5/Box	40	\$103.47

Belt Size	Grit	Per Box	Belt Size	Grit	Per Box	Belt Size	Grit	Per Box
1" x 42"	100+	\$26.15	3" x 21"	100+	\$28.52	4" x 24"	100+	\$38.05
10/Box	80	\$26.68	10/Box	80	\$29.03	10/Box	80	\$38.54
	60	\$27.73		60	\$30.20		60	\$40.18
	50	\$28.48		50	\$30.91		50	\$41.83
5/Box	40	\$14.77	5/Box	40	\$16.16	5/Box	40	\$21.39
2" x 48"	100+	\$41.32	3" x 24"	100+	\$29.96	4" x 36"	100+	\$55.45
10/Box	80	\$42.63	10/Box	80	\$30.70	10/Box	80	\$57.54
	60	\$44.47		60	\$32.10		60	\$59.61
	50	\$46.53		50	\$33.97		50	\$62.24
5/Box	40	\$24.20	5/Box	40	\$17.24	5/Box	40	\$32.16
3" x 18"	100+	\$27.11	4" x 21"	100+	\$42.63	6" x 48"	100+	\$109.57
10/Box	80	\$28.30	10/Box	80	\$43.14	10/Box	80	\$113.76
	60	\$28.77		60	\$44.72		60	\$118.98
	50	\$29.96		50	\$46.28		50	\$124.74
5/Box	40	\$15.34	5/Box	40	\$18.73	5/Box	40	\$64.98

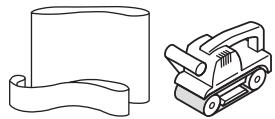
PLANER BELTS



Perfect for heavy stock removal. Use for planing wood or smoothing metal surfaces.

CS 411: Alumina Zirconia resin-bonded, with backings available in Y-weight (Y) for high pressure, heavy stock removal on all types of metal, especially carbon and tool steels. Polyester backings can be used wet or dry.

Size	Grit	Per Box	Size	Grit	Per Box	Size	Grit	Per Box
3" x 18"	120	\$65.07	3" x 24"	120	\$50.31	4" x 24"	120	\$82.52
10/Box	80	\$67.20	10/Box	80	\$51.80	10/Box	80	\$84.76
	60	\$70.08		60	\$54.27		60	\$87.72
5/Box	40	\$24.31	5/Box	40	\$29.13	5/Box	40	\$46.60
	36	\$26.27		36	\$31.46		36	\$50.33
	24	\$28.37		24	\$33.98		24	\$54.36
3" x 21"	120	\$47.08						
10/Box	80	\$48.33						
	60	\$50.55						
5/Box	40	\$27.00						
	36	\$29.18						
	24	\$31.51						



Ceramic Belts – Custom Sizes

CS 631 XF/CS 931 JF: Ceramic Aluminum Oxide on either X-flex backing or very flexible J-flex backing. Perfect for use on steels of all types but specifically for hard steels and under high grinding pressure. Added multibond lubricant enhances grinding properties and reduces heat build-up.

CS 920 ACT: Ceramic Aluminum Oxide with multibond lubricant added to enhance the grinding properties and cool the grinding surface. Features a heavy polyester backing that enhances its durability while removing large amounts of stock.

* = Add 10% to final price

CS 922 ACT: Ceramic Aluminum Oxide on our heaviest YY polyester backing for use on steels of all types and under high grinding pressure applications.

GX 931 JF: The new GX 931JF in incorporates ceramic aluminum oxide grains and a multibond lubricant onto our newest backing. This flexible J-Flex backing is a durable polyester combined with the flexibility of cotton making the perfect balance of longevity and softness. Ideal for robotic grinding applications and for use on contoured hard steel parts under high pressure.

Width	Grit
1/2"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

5/8"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

3/4"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

1"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

Width	Grit
1-1/4"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

1-1/2"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

1-3/4"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

2"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

2-1/4"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

2-1/2"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

Joining Charge

Width	Grit
3"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

3-1/2"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

4"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

4-1/2"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

5"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

6"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

Width	Grit
7"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

8"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

9"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

10"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

12"	180-100
	80
	60
	50
	40
	36
	24
Joining Charge	

PRICE CALCULATION FOR CUSTOM SIZE BELTS

1. Locate price according to width and grit size.
2. Multiply price by length in inches (if fraction, use next full inch).
3. Add **Joining Charge** in last column.
4. Multiply by applicable up charge, if necessary.
5. Rounding off to second decimal place equals retail price.

EXAMPLE:

CS 922 60 Grit 3" x 24" #4	\$10.9464
(1,2) \$0.3946 x 24" =	
(3) +\$8.04	
	\$17.5104
(5)	\$17.51

Call if you need assistance with a custom belt.

Zirconia Belts – Custom Sizes

CS 409:  Alumina Zirconia grain with a multi-bond additive on polyester backing for grinding high alloys such as titanium and metals like stainless steel where heat build-up is a problem.

CS 411 X: Alumina Zirconia resin-bonded, with backings available in both X-weight cloth (YX) or polyester cloth in Y-weight (Y) for high pressure, heavy stock removal on all types of metal, especially carbon and tool steels. Polyester backings can be used wet or dry.

CS 411YX, Y:  Alumina Zirconia resin-bonded, with backings available in both X-weight cloth (YX) or polyester cloth in Y-weight (Y) for high pressure, heavy stock removal on all types of metal, especially carbon and tool steels. Polyester backings can be used wet or dry.

CS 416:  100% Alumina Zirconia semi-open coat on a heavy or extra heavy polyester backing for high pressure production situations grinding steel, stainless steel, non-ferrous metals, plastic, leather and wood planing.

CS 811YY ACT:  Alumina Zirconia resin-bonded to an extra heavy polyester backing for severe applications such as rough grinding of ferrous or non-ferrous castings, tubes and rolls, forging and flame-cut parts, tools, turbine blades, and machine components. Performs wet or dry. Excellent grain adhesion with ACT Advanced Coating Technology.

* Add 10% to final price
** Add 20% to final price

Width	Grit
1/2"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	
5/8"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	
3/4"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	

Width	Grit	Width	Grit	Width	Grit
1"	100+	9"	100+		40
	80		80		36
	60		60		24
	50		50		Joining Charge
	40		40	42"	100+
	36		36		80
	24		24		60
Joining Charge					50
2"	100+	12"	100+		40
	80		80		36
	60		60		24
	50		50		Joining Charge
	40		40	50"	100+
	36		36		80
	24		24		60
Joining Charge					50
3"	100+	14"	100+		40
	80		80		36
	60		60		24
	50		50		Joining Charge
	40		40	51"	100+
	36		36		80
	24		24		60
Joining Charge					50
4"	100+	19"	100+		40
	80		80		36
	60		60		24
	50		50		Joining Charge
	40		40	52"	100+
	36		36		80
	24		24		60
Joining Charge					50
5"	100+	25"	100+		40
	80		80		36
	60		60		24
	50		50		Joining Charge
	40		40	53"	100+
	36		36		80
	24		24		60
Joining Charge					50
6"	100+	30"	100+		40
	80		80		36
	60		60		24
	50		50		Joining Charge
	40		40	54"	100+
	36		36		80
	24		24		60
Joining Charge					50
7"	100+	36"	100+		40
	80		80		36
	60		60		24
	50		50		Joining Charge
	40		40	60"	100+
	36		36		80
	24		24		60
Joining Charge					50
8"	100+	38"	100+		40
	80		80		36
	60		60		24
	50		50		Joining Charge
	40		40		36
	36		36		24
	24		24		Joining Charge
Joining Charge					24

Cloth Belts - Standard Size

CS 308: Our YX weight Aluminum Oxide material is a fully resin-bonded product that offers the benefits of a polyester backing in an X-weight. Use on ferrous or non-ferrous metals and on hardwoods. CS 308 has an extended grit range that allows for coarse to ultra-fine belt sanding and polishing.

LS 309: Aluminum Oxide, fully resin bonded, J or J-flex cotton cloth for polishing ferrous or non-ferrous metals and hardwoods where belt conformability to the work piece is required. Narrow belts and some intermediate belts. XH backing is for portable belts only.

CS 310: Aluminum Oxide, X or X-Flex cloth resin-resin bond, closed coat. Suitable for all ferrous metals, hardwoods, leather, aluminum, stainless steel, and most alloys.

CS 311 YX ACT: Aluminum Oxide, anti-static, poly/cotton, resin bonded, open coat material for wood sanding operations where clogging or loading is a problem and sanding of soft woods or mix of hard and soft woods.

Belt Size	Grit	Per Belt
1" x 18"	100+	\$4.48
	80	\$4.51
	60	\$4.60
	50	\$4.67
	40	\$4.76
	36	\$4.85
	24	\$5.02
1" x 21"	100+	\$4.63
	80	\$4.67
	60	\$4.79
	50	\$4.87
	40	\$4.96
	36	\$5.06
	24	\$5.27
1" x 24"	100+	\$4.80
	80	\$4.84
	60	\$4.97
	50	\$5.06
	40	\$5.17
	36	\$5.29
	24	\$5.52
1" x 30"	100+	\$5.12
	80	\$5.18
	60	\$5.34
	50	\$5.45
	40	\$5.59
	36	\$5.74
	24	\$5.52

1-1/8" x 21"	100+	\$4.63
	80	\$4.67
	60	\$4.79
	50	\$4.87
	40	\$4.96
	36	\$5.06
	24	\$5.27
1" x 72"	100+	\$7.38
	80	\$7.51
	60	\$7.89
	50	\$8.18

LS 312: Aluminum Oxide, semi-open coat resin bonded with a special top coating to aid in cooling and to resist loading. Very flexible, J-Flex cloth backing for severely contoured workpieces. Best suited for polishing stainless steel and high alloy steels, other ferrous metals and non-ferrous metals.

LS 313: Aluminum Oxide, semi-open coat, highly flexible J-flex backing, fully resin-bonded with a dry lubricant to reduce heat and clogging on stainless steel, aluminum, and titanium grinding and finishing.

CS 320: Silicon Carbide on Y-weight polyester backings. Excellent for wet applications on glass, plastic, and stainless steels where strength of polyester would be a benefit.

CS 321: Waterproof Silicon Carbide X-weight cloth resin bonded for grinding and polishing of glass, non-ferrous metals, plastics, stone, marble, grey cast iron, and titanium. Specially treated for use with water or water-based coolants.

CS 333: A versatile Silicon Carbide, fully resin bonded, X, J, or J-Flex cloth backings for grinding and polishing of non-ferrous metals, grinding and polishing of plastic, glass, rubber, fiberglass, stone, marble, and grey cast iron.

CS 341: Waterproof Aluminum Oxide fully resin bonded X-weight cloth for metal grinding and polishing where water or soluble oil coolants are used to reduce heat.

CS 412: Aluminum Oxide, resin bonded, Y-weight (Y), and X-weight (YX), polyester backings for use wet or dry on ferrous or non-ferrous metals. Also suitable for sanding hardwoods.

CS 538 ACT: Silicon Carbide, polyester backing and closed coat grain coverage make this a preferred product for the particle board and plywood industries. For wide belts only.

CS 710: Heat-treated Aluminum Oxide, X-Flex cloth resin-resin bond, closed coat. Suitable for polishing all ferrous metals and sanding on hardwoods.

GX 533 JF: Silicon Carbide grains resin-bonded to a new tough polyester/cotton blended backing with high flexibility and extra durability. Perfect on non-ferrous metals.

GX 712 JF: Aluminum oxide resin bonded to a new tough polyester/cotton blended backing with high flexibility and extra durability. A multibond lubricant is added for cooler grinding and better finishes on ferrous and non-ferrous metals.

* Add 5% to price shown
** Add 10% to price shown
*** Add 20% to price shown
**** Add 21% to price shown

Belt Size	Grit	Per Belt
2" x 132"	100+	\$17.12
	80	\$17.80
	60	\$18.99
	50	\$20.04
	40	\$21.18
	36	\$22.46
	24	\$25.24
3" x 21"	100+	\$8.36
	80	\$8.52
	60	\$8.84
	50	\$9.08
	40	\$9.35
	36	\$9.67
	24	\$10.55
4" x 21"	100+	\$11.12
	80	\$11.38
	60	\$11.74
	50	\$12.08
	40	\$12.42
	36	\$12.86
	24	\$13.72
4" x 24"	100+	\$11.72
	80	\$12.01
	60	\$12.43
	50	\$12.82
	40	\$13.22
	36	\$13.71
	24	\$14.71
4" x 36"	100+	\$14.13
	80	\$14.58
	60	\$15.20
	50	\$15.80
	40	\$16.38
	36	\$16.10
	24	\$18.60
4" x 54"	100+	\$17.74
	80	\$18.41
	60	\$19.34
	50	\$20.23
	40	\$21.11
	36	\$22.24
	24	\$24.46
4" x 60"	100+	\$18.95
	80	\$19.69
	60	\$20.73
	50	\$21.72
	40	\$22.69
	36	\$23.94
	24	\$26.41

Belt Size	Grit	Per Belt									
4" x 84"	100+	\$23.77	4" x 168"	100+	\$40.65	6" x 108"	100+	\$42.67	6" x 306"	100+	\$23.99
	80	\$24.80		80	\$42.71		80	\$44.59		80	\$24.20
	60	\$26.26		60	\$45.62		60	\$47.41		60	\$25.62
	50	\$27.64		50	\$48.40		50	\$50.04		50	\$28.88
	40	\$29.02		40	\$51.14		40	\$52.85		40	\$28.85
	36	\$30.76		36	\$54.63		36	\$56.04		36	\$30.88
	24	\$34.21		24	\$61.54		24	\$62.63		24	\$38.88
4" x 118"	100+	\$30.61	6" x 48"	100+	\$24.69	6" x 132"	100+	\$49.86			
	80	\$32.05		80	\$25.54		80	\$52.20			
	60	\$34.10		60	\$26.79		60	\$55.65			
	50	\$36.05		50	\$27.97		50	\$58.87			
	40	\$37.97		40	\$29.22		40	\$62.31			
	36	\$40.43		36	\$30.64		36	\$66.20			
	24	\$45.27		24	\$33.56		24	\$74.25			
4" x 132"	100+	\$33.41	6" x 89"	100+	\$36.97	6" x 294"	100+	\$98.40			
	80	\$35.04		80	\$38.55		80	\$103.61			
	60	\$37.33		60	\$40.88		60	\$111.29			
	50	\$39.50		50	\$43.05		50	\$118.47			
	40	\$41.66		40	\$45.37		40	\$126.12			
	36	\$44.40		36	\$48.00		36	\$134.80			
	24	\$49.83		24	\$53.42		24	\$152.72			

PAPER BELTS

PS 20: Primarily for grinding and polishing on metals, but also useful on leather. Closed coat, Aluminum Oxide, resin-resin bonded to heavy F-weight paper. Best for wide belts and stroke sanders.

PS 21: F-weight paper, fully resin-bonded, alumina zirconia grains. Ideal on steel and stainless steel plates. Also for use on stamped parts, final grinding of cast-iron housings, and some woodworking applications

Width	Grit	Per Belt
4" x 376"	100+	\$46.71
	80	\$50.49
6" x 274"	100+	\$53.14
	80	\$57.10
6" x 288"	100+	\$55.30
	80	\$59.46
6" x 298"	100+	\$56.85
	80	\$61.15
6" x 328"	100+	\$61.48
	80	\$66.21
6" x 330"	100+	\$61.79
	80	\$66.55
6" x 335"	100+	\$62.56
	80	\$67.39
6" x 376"	100+	\$68.89
	80	\$74.32
6" x 396"	100+	\$71.98
	80	\$77.69

PS 22 ACT: For grinding and polishing metals and for finish sanding on hardwoods and leather. F-weight paper backing, Aluminum Oxide closed coat resin-resin bond available in intermediate and wide belts.

PS 24 ACT: Fully resin-bonded Silicon Carbide material, F-weight paper backing. Works well for non-ferrous metal applications, sanding between coats of paint, lacquer, varnish, etc. in woodworking applications, or for finish sanding of particle board or MDF. Available in wide belts, production belts, or stroke sanding belts.

- * Add 5% to final price
- ** Add 10% to final price
- *** Add 20% to final price
- **** Add 40% to final price
- † Add 50% to final price

JOINT RECOMMENDATIONS FOR PAPER BELTS

GRIT	JOINT OPTIONS
80 - 120	#4
150+	#1, 4 YT

PS 27W: Silicon Carbide, open coat stearated on a D-weight backing for wide belts stroked sanding. Best suited for UV finishes or high gloss finishes in the woodworking industry.

PS 29 ACT: Aluminum Oxide open coat, resin-resin bond, F-weight paper material. Works well in any application where loading is a problem on soft woods or mix of hard and soft wood.

PS 61: Ceramic Aluminum Oxide, F-weight paper backing. Ceramic grains on a durable paper backing create a perfect combination of longevity and economy. Excellent intermediate and finishing properties for steel and stainless steel.

WATCH MORE BELTS IN ACTION



CLOTH BELTS

CS 308: Our YX-weight Aluminum Oxide material is a fully resin-bonded product that offers the benefits of a polyester backing in an X-weight. Use on ferrous or non-ferrous metals and on hardwoods. CS 308 has an extended grit range that allows for coarse to ultra-fine belt sanding and polishing.

CS 310: Aluminum Oxide, X or X-Flex cloth resin-resin bond, closed coat. Suitable for all ferrous metals, hardwoods, leather, aluminum, stainless steel, and most alloys.

CS 311 YX ACT: Aluminum Oxide, anti-static, poly/cotton, resin-bonded, open coat material for wood sanding operations where clogging or loading is a problem and sanding of soft woods or mix of hard and soft woods.

LS 313: ** Aluminum Oxide, semi-open coat, highly flexible J-flex backing, fully resin-bonded with a dry lubricant to reduce heat and clogging on stainless steel, aluminum, and titanium grinding and finishing.

CS 320: * Silicon Carbide on Y-weight polyester backings. Excellent for wet applications on glass, plastic, and stainless steels where strength of polyester would be a benefit.

CS 321: * Waterproof Silicon Carbide X-weight cloth resin-bonded for grinding and polishing of glass, non-ferrous metals, plastics, stone, marble, grey cast iron, and titanium. Specially treated for use with water or water-based coolants.

CS 333: * A versatile Silicon Carbide, fully resin-bonded, J, or J-Flex cloth backings for grinding and polishing of non-ferrous metals, grinding and polishing of plastic, glass, rubber, fiberglass, stone, marble, and grey cast iron.

CS 538 ACT: *** Silicon Carbide, polyester resin-bonded, J, or J-Flex cloth backings for backing and closed coat grain coverage make this a preferred product for the particle board and plywood industries. For wide belts only.

GS 533 JF: * Silicon Carbide grains resin-bonded to a new tough polyester/cotton blended backing with high flexibility and extra durability. Perfect on non-ferrous metals.

GS 712 JF: ** Aluminum oxide resin-bonded to a new tough polyester/cotton blended backing with high flexibility and extra durability. A multibond lubricant is added for cooler grinding and better finishes on ferrous and non-ferrous metals.

* Add 5% to price shown ** Add 10% to price shown *** Add 20% to price shown **** Add 21% to price shown

Belt Size	Grit	Per Belt
25" x 48"	100+	\$92.47
	80	\$95.43
	60	\$99.95
	50	\$104.03
	40	\$108.49
	36	\$113.57
	24	\$123.87
25" x 60"	100+	\$105.39
	80	\$109.09
	60	\$114.75
	50	\$119.84
	40	\$125.42
	36	\$131.77
	24	\$144.66
25" x 75"	100+	\$121.55
	80	\$126.19
	60	\$133.26
	50	\$139.63
	40	\$146.59
	36	\$154.54
	24	\$170.63

Belt Size	Grit	Per Belt
30" x 103"	100+	\$164.78
	80	\$171.90
	60	\$182.91
	50	\$192.74
	40	\$203.47
	36	\$215.88
	24	\$240.75
36" x 60"	100+	\$136.64
	80	\$141.61
	60	\$149.31
	50	\$156.17
	40	\$163.70
	36	\$172.40
	24	\$189.77
36" x 75"	100+	\$157.79
	80	\$164.01
	60	\$173.62
	50	\$182.19
	40	\$191.62
	36	\$202.49
	24	\$224.20

Belt Size	Grit	Per Belt
37" x 60"	100+	\$144.14
	80	\$149.42
	60	\$157.58
	50	\$164.82
	40	\$172.70
	36	\$181.92
	24	\$200.21
37" x 75"	100+	\$166.43
	80	\$173.04
	60	\$183.24
	50	\$192.29
	40	\$202.13
	36	\$213.66
	24	\$236.53
43" x 75"	100+	\$192.42
	80	\$200.07
	60	\$211.84
	50	\$222.30
	40	\$233.82
	36	\$247.06
	24	\$273.59

Belt Size	Grit	Per Belt
50" x 103"	100+	\$273.02
	80	\$285.02
	60	\$303.38
	50	\$319.74
	40	\$337.63
	36	\$358.34
	24	\$399.74
52" x 75"	100+	\$235.84
	80	\$245.22
	60	\$259.64
	50	\$272.54
	40	\$286.60
	36	\$302.89
	24	\$335.45
52" x 103"	100+	\$294.73
	80	\$307.60
	60	\$327.41
	50	\$345.13
	40	\$364.44
	36	\$386.80
	24	\$431.51



KLINGSPOR
BELT
JOINTS

PAPER BELTS

PS 20: Primarily for grinding and polishing on metals, but also useful on leather. Closed coat, Aluminum Oxide, resin-resin bonded to heavy F-weight paper. Best for wide belts and stroke sanders.

PS 21: F-weight paper, fully resin-bonded, alumina zirconia grains. Ideal on steel and stainless steel plates. Also for use on stamped parts, final grinding of cast-iron housings, and some woodworking applications

PS 22 ACT: For grinding and polishing metals and for finish sanding on hardwoods and leather. F-weight paper backing, Aluminum Oxide closed coat resin-resin bond available in intermediate and wide belts.

PS 24 ACT: Fully resin-bonded Silicon Carbide material, F-weight paper backing. Works well for non-ferrous metal applications, sanding between coats of paint, lacquer, varnish, etc. in woodworking applications, or for finish sanding of

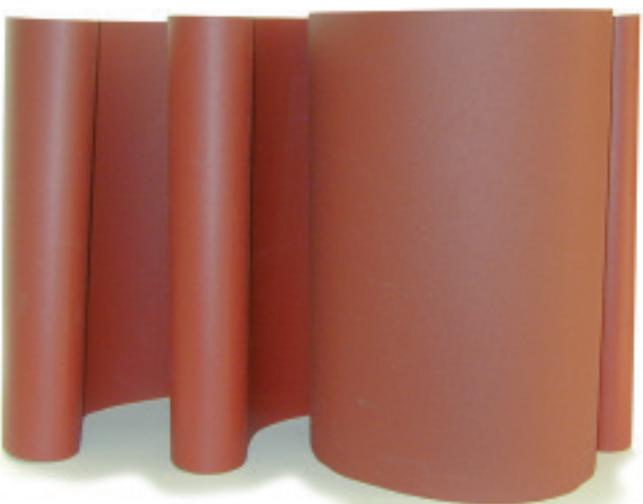
particle board or MDF. Available in wide belts, production belts, or stroke sanding belts.

PS 27W: Silicon Carbide, open coat stearated on a D-weight backing for wide belts stroked sanding. Best suited for UV finishes or high gloss finishes in the woodworking industry.

PS 29 ACT: Aluminum Oxide open coat, resin-resin bond, F-weight paper material. Works well in any application where loading is a problem on soft woods or mix of hard and soft wood.

PS 61: Ceramic Aluminum Oxide, F weight paper backing. Ceramic grains on a durable paper backing create a perfect combination of longevity and economy. Excellent intermediate and finishing properties for steel and stainless steel.

- * Add 5% to final price
- ** Add 10% to final price
- *** Add 20% to final price
- **** Add 40% to final price
- † Add 50% to final price



Belt Size	Grit	Per Belt	Belt Size	Grit	Per Belt
19" x 48"	100+	\$58.03	37" x 60"	100+	\$102.22
	80	\$60.37		80	\$106.88
24" x 55"	100+	\$75.56	37" x 75"	100+	\$113.36
	80	\$78.75		80	\$119.19
24" x 60"	100+	\$78.54	43" x 75"	100+	\$131.11
	80	\$82.02		80	\$137.72
24" x 84"	100+	\$92.82	50" x 103"	100+	\$175.74
	80	\$97.70		80	\$186.19
25" x 48"	100+	\$72.28	52" x 75"	100+	\$160.43
	80	\$75.08		80	\$168.55
25" x 60"	100+	\$79.52	52" x 103"	100+	\$189.73
	80	\$83.02		80	\$200.87
25" x 75"	100+	\$88.57	62" x 103"	100+	\$217.22
	80	\$92.94		80	\$230.18
30" x 103"	100+	\$111.55	64" x 103"	100+	\$224.15
	80	\$117.56		80	\$237.57
36" x 60"	100+	\$95.35			
	80	\$99.74			
36" x 75"	100+	\$105.54			
	80	\$111.03			



KLINGSPOR
WIDE
BELTS

Kling-On Discs

FP 77 GREEN TEC ALUMINUM OXIDE FILM



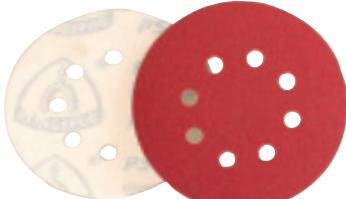
Aluminum Oxide on a 3 mil poly film in grits 320-2000. KLINGSPOR's proprietary coating technology makes this product the perfect choice when loading is an issue. Available in discs, sheets and rolls. FP 77 is waterproof. **Semi-Open Coat**

Diameter	Grit	Per Box
5"	100 - 220	\$72.53
	80	\$76.07
	60	\$82.91
6"	100 - 220	\$95.01
	80	\$102.00
	60	\$107.08



SCAN TO WATCH
GREEN TEC DISCS
IN ACTION

PS 61F CERAMIC ALUMINUM OXIDE HEAVY PAPER



Ceramic Aluminum Oxide, F weight paper backing. Ceramic grains on a durable paper backing create a perfect combination of longevity and economy. Excellent intermediate and finishing properties for steel and stainless steel.

Diameter	Grit	Per Box
4"	100+	\$109.30
	80	\$114.38
	60	\$118.20
5"	100+	\$112.48
	80	\$118.20
	60	\$121.37
6"	100+	\$158.85
	80	\$170.29
	60	\$179.84

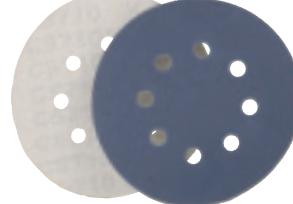
PS 33 ALUMINUM OXIDE STEARATE PAPER



Aluminum Oxide B or C-weight paper, resin-resin bond for bare wood sanding, autobody use, sanding of bare metal, primer, primer surferc, between coats of paint, and sanding of solid surface materials. **Semi-Open Coat**

Diameter	Grit	Per Box
4"	60	\$72.10
	40	\$81.14
4-1/2"	60	\$72.10
	40	\$81.14
5"	60	\$72.10
	40	\$81.14
6"	60	\$93.10
	40	\$121.32
8"	60	\$82.75
	40	\$107.14
11"	60	\$162.89
	40	\$175.09

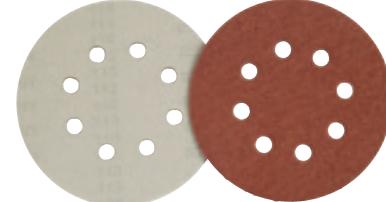
CS 710 XF HEAT TREATED ALUMINUM OXIDE CLOTH



Heat-treated Aluminum Oxide, X-Flex cloth resin-resin bond, closed coat. Suitable for polishing all ferrous metals and sanding on hardwoods.

Diameter	Grit	Per Box
5"	100+	\$144.47
	80	\$156.46
6"	100+	\$202.07
	80	\$216.81

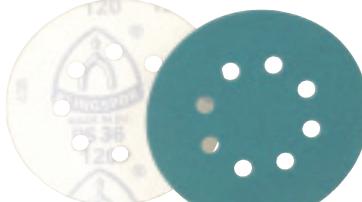
CS 310 X ALUMINUM OXIDE CLOTH



Aluminum Oxide, X or X-Flex cloth resin-resin bond, closed coat. Suitable for all ferrous metals, hardwoods, leather, aluminum, stainless steel, and most alloys.

Diameter	Grit	Per Box
5"	60	\$162.33
	40	\$185.06
	36	\$196.33
	24	\$222.05
6"	60	\$224.94
	40	\$259.08
	36	\$276.12
	24	\$312.98

PS 36 ALUMINA ZIRCONIA STEARATE PAPER



This C or D weight paper product from KLINGSPOR combines the effectiveness of Alumina Zirconia grains and a stearate coating with the leveling properties of paper. A more consistent finish can be achieved when sanding wood, metal, and various other substances including body fillers. PS 36 is a premium fully resin bonded product. **Semi-Open Coat**

Diameter	Box Qty	Grit	Per Box
5"	100	100+	\$77.55
	100	80	\$81.27
	100	60	\$88.61
	50	40	\$49.86
6"	50	36	\$59.27
	100	100+	\$101.58
	100	80	\$106.32
	100	60	\$114.46
6"	50	40	\$67.22
	50	36	\$78.73

5% UPCHARGE ON DISCS WITH
MORE THAN 10 HOLES

PSA Discs

PS 33 ALUMINUM OXIDE STEARATE B/C WEIGHT PAPER



Aluminum Oxide B or C-weight paper, resin-resin bond for bare wood sanding, autobody use, sanding of bare metal, primer, primer surfacer, between coats of paint, and sanding of solid surface materials. **Semi-Open Coat**

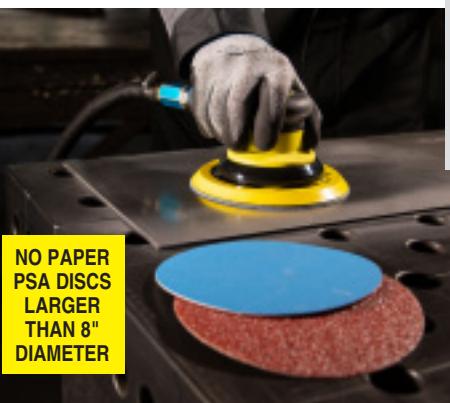
Diameter	Grit	Per Box
5"	100+	\$63.06
	80	\$66.09
	60	\$72.10
	40	\$81.14
6"	100+	\$82.65
	80	\$86.51
	60	\$93.10
	40	\$121.32
8"	100+	\$139.46
	80	\$161.47
	60	\$162.89
	40	\$175.09

VP 73W ALUMINUM OXIDE STEARATE C-WEIGHT LATEX PAPER

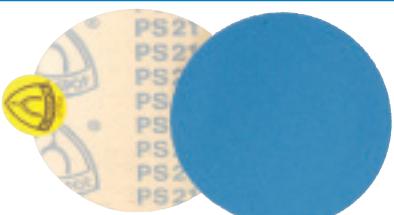


Enhanced 73W material with a latex impregnated backing for longer edgewear and life. May be used anywhere the regular PS33 is found including bare wood, composite, marine and autobody. This material is not waterproof.

Diameter	Grit	Per Box
5"	100+	\$71.71
	80	\$75.21
6"	100+	\$93.93
	80	\$100.85
8"	100+	\$83.14
	80	\$87.34



PS 21 ALUMINA ZIRCONIA F-WEIGHT PAPER



Our longest lasting paper PSA disc. Offers smooth finishes and long life in wood or metal applications.

Diameter	Grit	Per Box
5"	100+	\$155.01
	80	\$162.06
	60	\$169.10
	40	\$95.14
6"	100+	\$225.41
	80	\$236.02
	60	\$250.15
	40	\$140.95
8"	100+	\$206.17
	80	\$218.45
	60	\$229.68
	40	\$251.09

PS 11 SILICON CARBIDE A/C WEIGHT PAPER WATERPROOF



Wet sanding of wood finishes, glass, stone or clay are easily accomplished with these waterproof discs.

Diameter	Grit	Per Box
5"	220+	\$107.81
	180	\$113.53
	150	\$119.83
	120	\$125.89
6"	100	\$137.58
	80	\$144.76
	60	\$151.99
	220+	\$154.96
100/Box	180	\$163.71
	150	\$172.44
	120	\$181.13
	100	\$198.23
	80	\$210.22
	60	\$223.19
	220+	\$150.04
25/Box	180	\$157.12
	150	\$166.75
	120	\$175.52
	100	\$190.95
	80	\$200.99
	60	\$210.90

FP 77 GREEN TEC ALUMINUM OXIDE FILM



Aluminum Oxide on a 3 mil poly film in grits 320-2000. KLINGSPOR's proprietary coating technology makes this product the perfect choice when loading is an issue. Available in discs, sheets and rolls. FP 77 is waterproof.

Diameter	Box Qty	Grit	Per Box
5"	100	100 - 2000	\$93.21
	100	80	\$97.76
6"	100	100 - 2000	\$122.04
	100	80	\$131.07

LS 312 ALUMINUM OXIDE DRY-LUBE JF WEIGHT CLOTH



Aluminum Oxide, semi-open coat resin bonded with a special top coating to aid in cooling and to resist loading. Very flexible, J-Flex cloth backing for severely contoured work-pieces. Best suited for polishing stainless steel and high alloy steels, other ferrous metals and non-ferrous metals.

Diameter	Grit	Per Box
5"	120-220	\$91.65
6"	120-220	\$133.08

PS 33 ALUMINUM OXIDE STEARATE B/C WEIGHT PAPER

Aluminum Oxide B or C-weight paper, resin-resin bond for bare wood sanding, autobody use, sanding of bare metal, primer, primer surfacer, between coats of paint, and sanding of solid surface materials.

Diameter	Pack Qty	Grit	Per Roll
3-1/2"	100/Roll	100+	\$63.06
	100/Roll	80	\$66.12
5"	100/Roll	100+	\$63.09
	100/Roll	80	\$66.09
6"	100/Roll	100+	\$82.65
	100/Roll	80	\$86.50

PS 36 ALUMINA ZIRCONIA STEARATE C/D WEIGHT PAPER

This C or D-weight paper product from KLINGSPOR combines the effectiveness of Alumina Zirconia grains and a stearate coating with the leveling properties of paper. A more consistent finish can be achieved when sanding wood, metal, and various other substances including body fillers. PS 36 is a premium fully resin bonded product.

Diameter	Pack Qty	Grit	Per Roll
5"	100/Roll	120+	\$77.55
	100/Roll	80	\$81.24
	100/Roll	60	\$88.60
	50/Roll	40	\$49.85
6"	100/Roll	120+	\$101.56
	100/Roll	80	\$106.32
	100/Roll	60	\$114.45
	50/Roll	40	\$65.23

VP 73W ALUMINUM OXIDE STEARATE B/C WEIGHT PAPER X-LUBE

Aluminum Oxide resin-bond, B or C-weight paper backing coated with a select mixture of stearates for even less loading than ever before! Useful on sanding of solid surface materials and bare wood on flat surfaces.

Diameter	Pack Qty	Grit	Per Roll
5"	100/Roll	100+	\$72.54
	100/Roll	80	\$76.04
6"	100/Roll	100+	\$94.99
	100/Roll	80	\$109.21

PS 35 SILICON CARBIDE STEARATE B-WEIGHT PAPER

B-weight Silicon Carbide paper, resin bonded, open coat top-coated with Zinc Stearate dry lubricant. Suitable for sanding contoured surfaces or flat surfaces by hand, with sanding blocks, or on vibrating sanders. Ideal for sanding primer, paint, bare metal, and rust, or in woodworking, for sanding sealer, wash coats, bare softwoods and hardwoods, and between coats of furniture finishes.

Diameter	Pack Qty	Grit	Per Roll
5"	100/Roll	120+	\$54.98
	100/Roll	80	\$60.63
6"	100/Roll	120+	\$70.90
	100/Roll	80	\$79.66

NOTE: 36 & 40 Grit CANNOT be ordered in no-liner version

**Minimum order of
3 on Disc Rolls**

**SEARCH "DISC ROLL"
FOR ALL ITEM NUMBER'S
www.klingspor.com**

PS 11 SILICON CARBIDE WATERPROOF A/C WEIGHT LATEX PAPER

Waterproof Silicon Carbide, A and C-weight papers, resin-resin bonded and available in grits P60 - P2000. Use for sanding of furniture finishes such as varnish, lacquer, shellac, oil, polishing of glass, and in automotive body shops for final color sanding of paint. Easily dispense these discs for wet applications.



Diameter	Pack Qty	Grit	Per Roll
5"	100/Roll	220+	\$107.82
	100/Roll	180	\$113.51
	100/Roll	150	\$119.84
	100/Roll	120	\$125.88
	100/Roll	100	\$137.55
	100/Roll	80	\$144.78
	100/Roll	60	\$151.97
6"	100/Roll	220+	\$154.97
	100/Roll	180	\$163.70
	100/Roll	150	\$172.42
	100/Roll	120	\$181.14
	100/Roll	100	\$198.22
	100/Roll	80	\$210.23
	100/Roll	60	\$223.16



Abrasive Sheets

VP 73W ALUMINUM OXIDE STEARATE LATEX PAPER



Enhanced 73W material with a latex impregnated backing for longer edgewear and life. May be used anywhere the regular PS33 is found including bare wood, composite, marine and autobody. This material is not waterproof.

Diameter	Grit	Per Pack
9" x 11"	100+	\$95.45
50/Pack	80	\$105.02
4-1/2" x 11"	100+	\$108.15
100/Pack	80	\$113.56
3-2/3" x 9"	100+	\$76.34
100/Pack	80	\$80.16
4-1/2" x 5-1/2"	100+	\$54.11
100/Pack		\$57.30

PS 33 ALUMINUM OXIDE STEARATE • B/C WEIGHT PAPER



Aluminum Oxide B or C-weight paper, resin-resin bond for bare wood sanding, autobody use, sanding of bare metal, primer, primer surfacer, between coats of paint, and sanding of solid surface materials.

Diameter	Grit	Per Pack
9" x 11"	100+	\$83.01
50/Pack	80	\$91.31
	60	\$103.76
	40	\$130.04

KL 361 "PREMIUM" ALUMINUM OXIDE CLOTH FLEXIBLE COTTON CLOTH



Aluminum Oxide J-flex cloth backing, resin-resin bonded for general purpose use on all metals or wood. Shop roll material.

Diameter	Grit	Per Pack
9" x 11"	100+	\$167.41
50/Pack	80	\$178.48
	60	\$215.78
	40	\$250.38

FP 77 ALUMINUM OXIDE FILM WITH TACT



Aluminum Oxide on a 3 mil poly film in grits 320-2000. KLINGSPOR's proprietary coating technology makes this product the perfect choice when loading is an issue. Available in discs, sheets and rolls. FP 77 is waterproof.

Diameter	Grit	Per Pack
9" x 11"	80-2000	\$124.01
50/Pack		

PS 11 SILICON CARBIDE WATERPROOF • A/C WEIGHT LATEX PAPER



Waterproof Silicon Carbide, A and C-weight papers, resin-resin bonded and available in grits P60 - P2000. Use for sanding of furniture finishes such as varnish, lacquer, shellac, oil, polishing of glass, and in automotive body shops for final color sanding of paint.

Diameter	Grit	Per Pack
9" x 11"	2000A-220A	\$82.05
50/Pack	180C	\$88.90
	150C	\$94.36
	120C	\$99.86
	100C	\$114.88
	80C	\$131.29

PS 36 ALUMINA ZIRCONIA STEARATE • C/D WEIGHT PAPER



This C or D weight paper product from KLINGSPOR combines the effectiveness of Alumina Zirconia grains and a stearate coating with the leveling properties of paper. A more consistent finish can be achieved when sanding wood, metal, and various other substances including body fillers. PS 36 is a premium fully resin bonded product.

Diameter	Grit	Per Pack
9" x 11"	100C+	\$100.22
50/Pack	80C	\$110.23
	60C	\$125.27
	40D	\$156.95
25/Pack	36D	\$93.32

SM 611 ABRASIVE FLAPWHEELS

Flapwheels in this column require SMD 612 Mounting Plates

Diameter x Width	Grit	Per Flapwheel	Diameter x Width	Grit	Per Flapwheel
4" x 2"	180	\$51.11	12" x 1-3/16"	180	\$205.69
	100	\$49.49		100	\$190.44
	60	\$42.87		180	\$286.31
	50	\$42.87		120	\$239.83
5-1/2" x 1"	240	\$51.11		60	\$205.69
	180	\$42.87		50	\$205.69
	100	\$38.53		240	\$455.04
	80	\$38.53		60	\$278.09
6-1/2" x 2"	60	\$34.64		14" x 2"	\$385.49
	220	\$64.91		2,500 RPM	\$305.57
	100	\$59.90		120	\$305.57
	80	\$59.90		80	\$305.57
10" x 1"	60	\$51.11		16" x 3"	\$725.46
	40	\$51.11		2,300 RPM	\$725.46
	240	\$151.59		180	\$494.00
	180	\$132.17			
10" x 2"	120	\$114.44	• 4", 5", 5 1/2", & 12" wheels can be customized to be used with mounting plates.		
	80	\$114.44			
	320	\$243.55			
	240	\$243.55			
10" x 3"	120	\$185.95			
	80	\$185.95			
	60	\$159.56			
	40	\$159.56			
3,800 RPM	320	\$314.98			
	120	\$239.83			
	60	\$205.69			

Flapwheels in these two columns cannot use

SMD 612 Mounting Plates

Diameter x Width	Grit	Per Flapwheel	Diameter x Width	Grit	Per Flapwheel
6" x 1" x 1"	320	\$56.86	8" x 1" x 1"	240	\$105.14
	180	\$52.50		120	\$83.08
	120	\$45.16		100	\$83.08
	80	\$45.15		80	\$83.08
	60	\$41.45		60	\$71.94
	40	\$40.71		8" x 1 3/16" x 1"	\$105.14
	120	\$79.04		4,800 RPM	\$90.98
	80	\$73.55		80	\$90.98
	60	\$59.90		60	\$83.08
	50	\$57.46		8" x 2" x 1"	\$193.52
6" x 2" x 1"	40	\$69.20		4,800 RPM	\$163.55
	320	\$62.59		180	\$160.35
	240	\$62.59		120	\$129.82
	220	\$56.87		100	\$129.82
	180	\$56.87		80	\$129.82
	120	\$48.41		60	\$108.01
	100	\$48.41		50	\$110.20
	80	\$48.41		320	\$248.43
	60	\$44.11		240	\$243.55
	50	\$44.11		180	\$219.49
6-1/2" x 2" x 1"	40	\$44.11		6-1/2" x 2" x 1"	\$106.35
	320	\$94.66		320	\$94.66
	240	\$94.66		240	\$94.66
	220	\$90.84		180	\$79.78
	180	\$79.78		120	\$79.78
	100	\$79.78		100	\$79.78
	80	\$79.76		80	\$66.80
	60	\$66.80		50	\$66.80
	50	\$66.80		40	\$66.80

** 1" arbor holes of 6", 8", & 10" wheels can be bored out to up to 1-1/2".
 *** The widths of 6", 8", & 10" wheels can be varied between 1/2" minimum width and 3" maximum width, with a 2-3 week lead time.

**While all SM 611 Flapwheels listed are available, not all are in-stock items. Inquire about availability.

SM 612 MOUNTING PLATES

REQUIRED! Top quality alignment for your SM 611 flapwheels. For repeated use with SM 611 and the Mac Mop. Specify arbor hole size. **Flanges for 4" Flapwheels thru 12" Flapwheels are Galvanized Steel. Flanges for 14" Flapwheels thru 16" Flapwheels are Aluminum Castings.**

Flapwheel Diameter	Diameter of Plates (Inches)	Standard Bore (Inches)	Maximum Bore (Inches)	Per Pair
4"	2-3/16"	3/8"	3/4"	\$27.28
5-1/2"	2-3/16"	3/8"	3/4"	\$27.28
* 6-1/2"	3-1/8"	1/2"	1-11/16"	\$27.28
10"	4-3/4"	9/16"	2"	\$64.54
12"	6"	3/4"	2"	\$98.57
14"	8"	1"	3-1/8"	\$328.70
16"	9"	1"	3-1/8"	\$367.65



The 8" flap wheel uses the same mounting plates as the 10" wheel



FLAPWHEELS



SPINDLE MOUNTED MAC MOP

The very best tool for final finishing, polishing, and making decorative finishes on severe profiles. 1/4" shank allows mounting in many 1/4" tools.



MAC MOP



The very best tool for final finishing, polishing, and making decorative finishes on severe profiles.

Dia x Width	Grit	Per Mop
7" x 1" x 1/4"	240	\$59.04
4,200 MAX RPM	180	\$59.04
	120	\$59.04
	80	\$59.04
7" x 2" x 1/4"	240	\$67.49
4,200 MAX RPM	180	\$67.49
	120	\$67.49
	80	\$67.49

Dia x Width	Grit	Per Mop
10" x 2"	180	\$235.93
3,400 MAX RPM	150	\$235.93
	120	\$203.95
	100	\$203.95
	80	\$203.95
10" x 4"	180	\$419.92
3,400 MAX RPM	150	\$419.92
	120	\$347.41
	100	\$347.41
	80	\$347.41

Recommended RPM 1,700 - 2,500

Must be used with KLINGSPOR SMD 612 - 6-1/2" mounting plates.

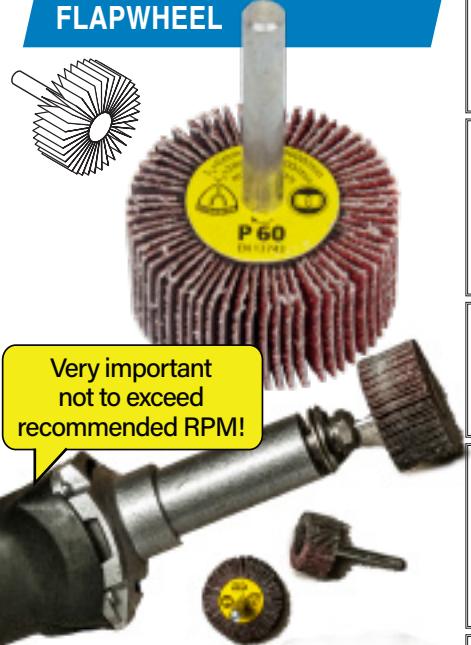
WSM 617

This useful and versatile flapwheel makes metal finishing easier. The WSM 617 has a solid center with a built-in 5/8"-11 threaded hole for use on most angle-grinders. With this type of flapwheel, the larger surface area of the face is used, making it a quicker way to apply finishing touches or a unique decorative finish to your metal workpiece. For extended life, use at a slower RPM between 7,500 and 8,600. Sold 2 per box.

Dia x Width x Spindle	Max RPM	Recommended RPM	120 Grit	80 Grit	60 Grit	40 Grit
4-1/2" x 3/4" x 5/8" - 11"	13,300	8,600	\$33.79	\$33.79	\$31.90	\$31.90

WSM617 great for stainless steel kitchen manufacturers, and blending weld seams for a linear scratch pattern.

KM 613 SPINDLE MOUNTED FLAPWHEEL



Very important not to exceed recommended RPM!



LS 309: Aluminum Oxide, fully resin-bonded, J or J-flex cotton cloth for polishing ferrous or non-ferrous metals and hardwoods where belt conformability to the work piece is required. Narrow belts and some intermediate belts. XH backing is for portable belts only.

CS 310: Aluminum Oxide, X or X-Flex cloth resin-resin bond, closed coat. Suitable for all ferrous metals, hardwoods, leather, aluminum, stainless steel, and most alloys.

CS 411 X:  Alumina Zirconia resin-bonded, with X-weight cloth backing for high pressure, heavy stock removal on all types of metal, especially carbon and tool steels. Polyester backings can be used wet or dry.

**** Add 30% to final price**

CS 412 Y:  Aluminum Oxide, resin-bonded, Y-weight, polyester-backings for use wet or dry on ferrous or non-ferrous metals. Also suitable for sanding hardwoods.

*** Add 5% to final price**



Cross Pads

Square Pads

SQUARE PADS

Size	Grits	Max RPM	Per Each
1" x 1" x 8 ply 8-32 eyelet	60,80,120	25,000	\$2.69
1-1/2" x 1-1/2" x 1/2" 1/4-20 eyelet	60,80	25,000	\$4.95
2" x 2" x 1/2" 1/4-20 eyelet	60,80	20,000	\$6.65
2" x 2" x 3/4" 1/4-20 eyelet	50,80	20,000	\$6.65
3" x 3" x 1/4" 1/4-20 eyelet	80	14,000	\$7.32
3" x 3" x 1/2" 1/4-20 eyelet	50,60,80	14,000	\$7.32



CROSS PADS

Size	Grits	Max RPM	Per Each
1-1/2" x 1-1/2" x 1/2" 8 ply 8-32 eyelet	60,80,100,120	25,000	\$2.55
2" x 2" x 1/2" 8 ply 8-32 eyelet	60,80,120	20,000	\$2.64
2" x 2" x 3/4" 8 ply 8-32 eyelet	60,80,120	20,000	\$2.64
2" x 2" x 1" 8 ply 8-32 eyelet	120	20,000	\$2.65
2-1/4" x 2-1/4" x 1/2" 8 ply 8-32 eyelet	80	20,000	\$2.95
2-1/2" x 2-1/2" x 3/4" 8 ply 8-32 eyelet	80,120	20,000	\$3.13
3" x 3" x 1" 8 ply 1/4-20 eyelet	60,80,120	14,000	\$3.66
4" x 4" x 1" 8 ply 1/4-20 eyelet	60,80,120	14,000	\$4.69
4" x 4" x 1-1/2" 8 ply 1/4-20 eyelet	80,120	14,000	\$4.69

CROSS PAD & BUFF MANDRELS

6" x 1/4" x 8-32	CBMANDREL6X1/4X8-32	\$21.46
8" x 1/4" x 8-32	CBMANDREL8X1/4X8-32	\$23.82
6" x 1/4" x 1/4"-20	CPMANDREL6X1/4-20	\$17.16
2.92" x 1/4" x 8-32	CPMANDREL2.92-1/4X8-32	\$9.94
3" x 1/4" x 1/4"-20	CPMANDREL3-1/4-20	\$14.61

CROSS BUFFS

NON-WOVEN ONLY

Use same mandrels as Cross Pads

Item Number	Size	Max RPM	Each
CBMANDREL1x1/2x8-32	1" x 1" x 2 ply w/8-32 threaded eyelet	20,000	\$4.49
CBMANDREL1x1/3x8-32	1" x 1" x 3 ply w/8-32 threaded eyelet	20,000	\$4.49
CBMANDREL1.5x1.5x8-32	1-1/2" x 1-1/2" x 2 ply w/8-32 threaded eyelet	20,000	\$3.71
CBMANDREL1.5x1.5x8-32	1-1/2" x 1-1/2" x 3 ply w/8-32 threaded eyelet	20,000	\$4.98



CONVOLUTE WHEELS

KLINGSPOR Convolute Wheels feature dense, non-woven construction. They are smooth running, non-metallic, soft and smear-resistant. They create less operator fatigue, no contamination of the workpiece, reduce gouging and provide a faster stock removal rate.

Applications: Used for blending mill marks, machine mismatches, prior sanding scratch patterns, reducing uneven edges between surfaces and surface roughness prior to welding, for removing medium burrs, light flashing, parting lines, light adhesive overflow, smoothing radii on stamped metal parts, polishing welds, blending and polishing handling marks, edge deletion on glass.

Market Usage: Chemical plants, metal fabricators, appliance manufacturers, machine builders, engine builders, welding shops, aerospace, manufacturing, maintenance, mold & die shops, welding shops, oil field machinery.

Required Tool/Equipment: Automated equipment, straight shaft stationary tools, straight shaft portable tools and feed thru machines.

Material	Description	Diameters Available*	Max RPM	1/2"	1"	2"	4"
2SC	Soft Density, Multi-Finishing, Coarse Grain, SiC	6"	6,000	\$58.16	\$99.99	\$183.50	\$309.15
		8"	6,000	\$75.81	\$130.35	\$239.41	\$306.28
		12"	3,000	\$97.90	\$174.80	\$375.99	\$695.22
2SM	Soft Density, Multi-Finishing, Medium Grain, SiC	6"	6,000	\$58.37	\$100.29	\$184.15	\$232.50
		8"	6,000	\$73.99	\$127.14	\$233.45	\$368.46
5AM	Medium-Soft Density, Metal Finishing, Medium Grain, AO	6"	6,000	\$84.74	\$145.81	\$268.01	\$438.43
		8"	6,000	\$92.59	\$159.32	\$292.78	\$515.81
		12"	3,000	\$162.18	\$270.88	\$447.45	\$979.46
7SF	Medium Density, Deburring, Fine Grain, SiC	6"	6,000	\$84.74	\$145.81	\$268.01	\$413.42
		8"	6,000	\$92.59	\$159.32	\$292.77	\$467.98
		12"	3,000	\$114.56	\$273.51	\$447.45	\$764.99
		14"	2,550	\$156.76	\$306.34	\$498.65	\$955.71
8AM	Medium-Hard Density, Deburring, Medium Grain, AO	6"	6,000	\$81.71	\$140.68	\$258.66	\$449.35
		8"	6,000	\$96.39	\$165.91	\$304.90	\$563.86
8SM	Medium-Hard Density, Deburring, Medium Grain, SiC	6"	6,000	\$81.71	\$140.69	\$258.65	\$440.39
		8"	6,000	\$96.38	\$165.91	\$304.90	\$500.43
		12"	3,000	\$140.21	\$273.53	\$438.60	\$845.98
8SF	Medium-Hard Density, Deburring, Fine Grain, SiC	6"	6,000	\$81.71	\$140.69	\$258.65	\$440.39
		8"	6,000	\$96.38	\$165.91	\$304.90	\$515.51
		12"	3,000	\$146.21	\$273.53	\$462.86	\$845.97
8SF-R	Medium-Hard Density, Rigid, Deburring, Fine Grain, SiC	6"	6,000	\$81.71	\$140.69	\$258.65	\$467.82
		8"	6,000	\$96.38	\$165.91	\$304.90	\$540.84
		12"	3,000	\$150.48	\$273.53	\$465.37	\$885.07
9SF	Hard Density, Deburring, Fine Grain, SiC	6"	6,000	\$81.71	\$140.69	\$258.65	\$506.82
		8"	6,000	\$96.38	\$165.91	\$304.90	\$607.56
		12"	3,000	\$162.18	\$273.53	\$465.36	\$927.76
9SF-R	Hard Density, Rigid, Deburring, Fine Grain, SiC	6"	6,000	\$81.71	\$140.69	\$258.65	\$520.93
		8"	6,000	\$96.38	\$165.91	\$304.90	\$614.14
		10"	3,600	\$104.98	\$219.83	\$381.14	\$661.71
10SF	Extra-Hard Density, Deburring, Fine Grain, SiC	12"	3,000	\$114.55	\$273.51	\$465.36	\$979.46

* All 6" diameter wheels have 1" arbor holes, 8" diameter wheels have 3" arbor holes, & 12" diameter wheels have 5" arbor holes.

** Custom widths can be cut from stock logs.

Part Number Example:

CONVOLUTE WHEEL MATERIAL GRADE DIAMETER WIDTH ARBOR HOLE
 CW 2SC - 6 x 2 x 1

IMPORTANT: Convolute wheels must be run in the direction of the arrow.



Mounting Bushings - 2 Per Box

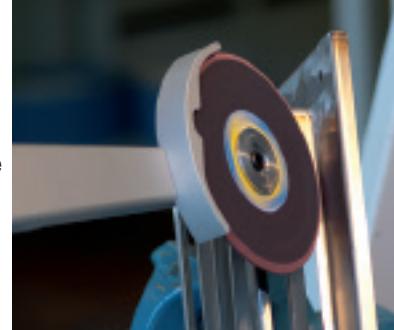
Description	Item Number	Net Price
6" Wheel Bushing 1" to 3/8"	611BUSH1X3/8	\$3.28
6" Wheel Bushing 1" to 1/2"	611BUSH1X1/2	\$3.28
6" Wheel Bushing 1" to 3/4"	611BUSH1X3/4	\$3.28
6" Wheel Bushing 1" to 5/8"	611BUSH1X5/8	\$5.05
8" Wheel Bushing 3" to 1"	CFVB004	\$92.25
8" Wheel Bushing 3" to 1-1/4"	CFVB005	\$92.25
10" & 12" Wheel Bushing 5" to 1"	CFVB006	\$184.50
10" & 12" Wheel Bushing 5" to 1-1/4"	CFVB007	\$184.50



CONVOLUTE WHEELS

Unitized Wheels are used for general purpose metal cleaning, deburring, and polishing. They are produced by compressing non-woven abrasive web creating a durable and versatile product.

- Perfect for cleaning prior to painting, removing rust, discoloration from welds, minor pits and scratches, resins/adhesives overspray and coating.
- Deburs and finishes with minimal change to workpiece shape
- Resists smearing for cleaner surfaces and less preparation
- Open web resists loading
- Available in a variety of densities and grades for applications requiring flexible or aggressive cutting action



1/8" THICK

2SF – Low Density, Fine Grit SiC
4AF – Medium Density, Fine Grit AO
4AM – Medium Density, Medium Grit AO
6AM – Med/High Density, Medium Grit AO

1/4" THICK

2AM – Low Density, Medium Grit AO
2SF – Low Density, Fine Grit SiC
3SF – Med/Low Density, Fine Grit SiC
4AF – Medium Density, Fine Grit AO
4SF – Medium Density, Fine Grit SiC
6AF – Med/High Density, Fine Grit SiC
6SF – Med/High Density, Fine Grit SiC
8AM – High Density, Medium Grit AO
9AC – High Density, Coarse Grit AO

1/2" THICK

2AM – Low Density, Medium Grit AO
2SF – Low Density, Fine Grit SiC
3SF – Med/Low Density, Fine Grit SiC
4AF – Medium Density, Fine Grit AO
4SF – Medium Density, Fine Grit SiC
6SF – Med/High Density, Fine Grit SiC
6AF – Med/High Density, Fine Grit AO
8AC – High Density, Coarse Grit AO
8AM – High Density, Medium Grit AO

1" THICK

2AM – Low Density, Medium Grit AO
4SF – Medium Density, Fine Grit SiC
8AM – High Density, Medium Grit AO

*Optimum RPM may be below Maximum RPM to produce the desired finish, and can be run as low as 3,200 RPM.
 Dynabrade Die Grinders: DYNA47201, DYNA47211, DYNA52101, DYNA52662, DYNA46000, DYNA47800, & DYNA48315

DIE GRINDER WHEEL OPTIONS: 1/4" THICK

ARBOR1/2X1/4FH\$6.39 (Item Number for arbor shown)

Size	Item Number	Each
2" X 1/4" X 1/2"	UW2AM2X.25X.5	\$12.01
Max Safe Speed 25,000 RPM	UW2SF2X.25X.5	\$12.01
Optimum Performance Speed 18,000 RPM	UW3SF2X.25X.5	\$12.01
10 Per Box	UW4AF2X.25X.5	\$12.01
UW4SF2X.25X.5	\$12.01	
UW6AF2X.25X.5	\$12.01	
UW6SF2X.25X.5	\$12.01	
UW8AM2X.25X.5	\$12.01	
UW9AC2X.25X.5	\$12.01	

Size	Item Number	Each
3" X 1/4" X 1/2"	UW2AM3X.25X.5	\$14.93
Max Safe Speed 20,000 RPM	UW2SF3X.25X.5	\$14.93
Optimum Performance Speed 12,000 RPM	UW3SF3X.25X.5	\$14.93
10 Per Box	UW4AF3X.25X.5	\$14.93
UW4SF3X.25X.5	\$14.93	
UW6AF3X.25X.5	\$14.93	
UW6SF3X.25X.5	\$14.93	
UW8AM3X.25X.5	\$14.93	
UW9AC3X.25X.5	\$14.93	

Size	Item Number	Each
4" X 1/4" X 1/2"	UW2AM4X.25X.5	\$34.25
Max Safe Speed 20,000 RPM	UW2SF4X.25X.5	\$34.25
Optimum Performance Speed 12,000 RPM	UW3SF4X.25X.5	\$34.25
10 Per Box	UW4AF4X.25X.5	\$34.25
UW4SF4X.25X.5	\$34.25	
UW6AF4X.25X.5	\$34.25	
UW6SF4X.25X.5	\$34.25	
UW8AM4X.25X.5	\$34.25	
UW9AC4X.25X.5	\$34.25	



ARBOR1/4-3/8X1/4SL\$19.10 (Item Number for arbor shown)

Size	Item Number	Each
2" X 1/4" X 1/4"	UW2AM2X.25X.25	\$12.01
Max Safe Speed 25,000 RPM	UW2SF2X.25X.25	\$12.01
Optimum Performance Speed 18,000 RPM	UW3SF2X.25X.25	\$12.01
10 Per Box	UW4AF2X.25X.25	\$12.01
UW4SF2X.25X.25	\$12.01	
UW6AF2X.25X.25	\$12.01	
UW6SF2X.25X.25	\$12.01	
UW8AM2X.25X.25	\$12.01	
UW9AC2X.25X.25	\$12.01	

Size	Item Number	Each
3" X 1/4" X 1/4"	UW2AM3X.25X.25	\$14.93
Max Safe Speed 20,000 RPM	UW2SF3X.25X.25	\$14.93
Optimum Performance Speed 12,000 RPM	UW3SF3X.25X.25	\$14.93
10 Per Box	UW4AF3X.25X.25	\$14.93
UW4SF3X.25X.25	\$14.93	
UW6AF3X.25X.25	\$14.93	
UW6SF3X.25X.25	\$14.93	
UW8AM3X.25X.25	\$14.93	
UW9AC3X.25X.25	\$14.93	

Size	Item Number	Each
4" X 1/4" X 1/4"	UW2AM4X.25X.25	\$34.25
Max Safe Speed 20,000 RPM	UW2SF4X.25X.25	\$34.25
Optimum Performance Speed 12,000 RPM	UW3SF4X.25X.25	\$34.25
10 Per Box	UW4AF4X.25X.25	\$34.25
UW4SF4X.25X.25	\$34.25	
UW6AF4X.25X.25	\$34.25	
UW6SF4X.25X.25	\$34.25	
UW8AM4X.25X.25	\$34.25	
UW9AC4X.25X.25	\$34.25	



TYPE 27 ANGLE GRINDER DISC OPTIONS

Size	Item Number	Each	Size	Item Number	Each
4-1/2" X 7/8"	UWSA6-4.5X.875	\$42.26	4-1/2" X 5/8"-11	UWSA6-4.5x.875A	\$42.26
Max RPM 12,200	UWMA8-4.5X.875	\$42.26	Max RPM 12,200	UWMA8-4.5X.875A	\$42.26



DIE GRINDER WHEEL OPTIONS: 1/2" THICK

Arbor1/4x1/4NL\$7.07 (Item Number for arbor shown)

Size	Item Number	Each	Size	Item Number	Each	Size	Item Number	Each
2" X 1/2" X 1/4"	UW2AM2X.5X.25	\$17.85	3" X 1/2" X 1/4"	UW2AM3X.5X.25	\$24.05	4" X 1/2" X 1/4"	UW2AM4X.5X.25	\$40.06
Max Safe Speed	UW2SF2X.5X.25	\$17.85	Max Safe Speed	UW2SF3X.5X.25	\$24.05	Max Safe Speed	UW2SF4X.5X.25	\$40.06
25,000 RPM	UW3SF2X.5X.25	\$17.85	20,000 RPM	UW3SF3X.5X.25	\$24.05	20,000 RPM	UW3SF4X.5X.25	\$40.06
Optimum Performance	UW4AF2X.5X.25	\$17.85	Optimum Performance	UW4AF3X.5X.25	\$24.05	Optimum Performance	UW4AF4X.5X.25	\$40.06
Speed 18,000 RPM	UW4SF2X.5X.25	\$17.85	Speed 12,000 RPM	UW4SF3X.5X.25	\$24.05	Speed 12,000 RPM	UW4SF4X.5X.25	\$40.06
10 Per Box	UW6AF2X.5X.25	\$17.85	10 Per Box	UW6AF3X.5X.25	\$24.05	10 Per Box	UW6AF4X.5X.25	\$40.06
UW6SF2X.5X.25	\$17.85		UW6SF3X.5X.25	\$24.05		UW6SF4X.5X.25	\$40.06	
UW8AC2X.5X.25	\$17.85		UW8AC3X.5X.25	\$24.05		UW8AC4X.5X.25	\$40.06	
UW8AM2X.5X.25	\$17.85		UW8AM3X.5X.25	\$24.05		UW8AM4X.5X.25	\$40.06	

QUICK CHANGE WHEELS – QRC'S AND QDC'S

Size	Item Number	Each	Size	Item Number	Each	Size	Item Number	Each
1" X 1/4"	QDCUD2AM100	\$9.87	1-1/2" X 1/4"	(QR)(QD)CUD2AM150	\$10.56	2" X 1/4"	(QR)(QD)CUD2AM200	\$11.57
Max Safe Speed	QDCUD2SF100	\$9.87	Max Safe Speed	(QR)(QD)CUD2SF150	\$10.56	Max Safe Speed	(QR)(QD)CUD2SF200	\$11.57
30,000 RPM	QDCUD3SF100	\$9.87	25,000 RPM	(QR)(QD)CUD3SF150	\$10.56	25,000 RPM	(QR)(QD)CUD3SF200	\$11.57
Optimum Performance	QDCUD4AF100	\$9.87	Optimum	(QR)(QD)CUD4AF150	\$10.56	Optimum Performance	(QR)(QD)CUD4AF200	\$11.57
Speed 18,000 RPM	QDCUD4SF100	\$9.87	Performance Speed	(QR)(QD)CUD4SF150	\$10.56	Speed 18,000 RPM	(QR)(QD)CUD4SF200	\$11.57
10 Per Box	QDCUD6AF100	\$9.87	18,000 RPM	(QR)(QD)CUD6AF150	\$10.56	10 Per Box	(QR)(QD)CUD6AF200	\$11.57
QDCUD6SF100	\$9.87		(QR)(QD)CUD6SF150	\$10.56	(QR)(QD)CUD6SF200	\$11.57		
QDCUD8AM100	\$9.87		(QR)(QD)CUD8AM150	\$10.56	(QR)(QD)CUD8AM200	\$11.57		
QDCUD9AC100	\$9.87		(QR)(QD)CUD9AC150	\$10.56	(QR)(QD)CUD9AC200	\$11.57		



Size	Item Number	Each	Size	Item Number	Each
3" X 1/4"	(QR)(QD)CUD2AM300	\$14.29	4" X 1/4"	(QR)(QD)CUD2AM400	\$32.68
Max Safe Speed	(QR)(QD)CUD2SF300	\$14.29	Max Safe Speed	(QR)(QD)CUD2SF400	\$32.68
20,000 RPM	(QR)(QD)CUD3SF300	\$14.29	20,000 RPM	(QR)(QD)CUD3SF400	\$32.68
Optimum	(QR)(QD)CUD4AF300	\$14.29	Optimum	(QR)(QD)CUD4AF400	\$32.68
Performance	(QR)(QD)CUD4SF300	\$14.29	Performance	(QR)(QD)CUD4SF400	\$32.68
Speed	(QR)(QD)CUD6AF300	\$14.29	Speed	(QR)(QD)CUD6AF400	\$32.68
12,000 RPM	(QR)(QD)CUD6SF300	\$14.29	12,000 RPM	(QR)(QD)CUD6SF400	\$32.68
10 Per Box	(QR)(QD)CUD8AM300	\$14.29	10 Per Box	(QR)(QD)CUD8AM400	\$32.68
	(QR)(QD)CUD9AC300	\$32.68		(QR)(QD)CUD9AC400	\$32.68

FILET WELD GRINDER OPTIONS – 1/4" THICK

Size	Item Number	Each	Size	Item Number	Each	Size	Item Number	Each
6" X 1/4" X 1/2"	UW2AM6X.25X.5	\$47.34	6" X 1/4" X 5/8"	UW2AM6X.25X.625	\$47.34	6" X 1/4" X 7/8"	UW2AM6X.25X.875	\$47.34
Max RPM 6,000	UW2SF6X.25X.5	\$47.34	Max RPM 6,000	UW2SF6X.25X.625	\$47.34	Max RPM 6,000	UW2SF6X.25X.875	\$47.34
UW3SF6X.25X.5	\$47.34		UW3SF6X.25X.625	\$47.34		UW3SF6X.25X.875	\$47.34	
UW4AF6X.25X.5	\$47.34		UW4AF6X.25X.625	\$47.34		UW4AF6X.25X.875	\$47.34	
UW4SF6X.25X.5	\$47.34		UW4SF6X.25X.625	\$47.34		UW4SF6X.25X.875	\$47.34	
UW6AF6X.25X.5	\$47.34		UW6AF6X.25X.625	\$47.34		UW6AF6X.25X.875	\$47.34	
UW6SF6X.25X.5	\$47.34		UW6SF6X.25X.625	\$47.34		UW6SF6X.25X.875	\$47.34	
UW8AM6X.25X.5	\$47.34		UW8AM6X.25X.625	\$47.34		UW8AM6X.25X.875	\$47.34	
UW9AC6X.25X.5	\$47.34		UW9AC6X.25X.625	\$47.34		UW9AC6X.25X.875	\$47.34	

FILET WELD GRINDER WHEEL OPTIONS – 1/8" THICK

Size	Item Number	Each	Size	Item Number	Each	Size	Item Number	Each
6" x 1/8" x 5/8"	UW2SF6X.125X.625	\$29.87	6" x 1/8" x 7/8"	UW2SF6X.125X.875	\$29.87	6" x 1/8" x 1"	UW2SF6X.125X1	\$29.87
Max RPM 6,000	UW4AF6X.125X.625	\$29.87	Max RPM 6,000	UW4AF6X.125X.875	\$29.87	Max RPM 6,000	UW4AF6X.125X1	\$29.87
UW4AM6X.125X.625	\$29.87		UW4AM6X.125X.875	\$29.87		UW4AM6X.125X1	\$29.87	
UW6AF6X.125X.625	\$29.87		UW6AF6X.125X.875	\$29.87		UW6AF6X.125X1	\$29.87	
UW6AM6X.125X.625	\$29.87		UW6AM6X.125X.875	\$29.87		UW6AM6X.125X1	\$29.87	

KLINGSPOR Flap Brush Part Order Number Reference Key

FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS

1ST AND 2ND LETTERS: Flap Brush Type

NF – Full Non-Woven

NI – Interleafed Non-Woven

FB – Felt Brush

3RD LETTER: Arbor attachment

A – 1/4" Spindle shank

B – 5/8"-11

C – 3/4" Keyway

E – 1" Arbor Hole

F – 2" Arbor Hole

G – 3" Arbor Hole

H – 5" Arbor Hole

N – 1/4" - 20 Male

4TH AND 5TH LETTER: Material Grade

XC – Extra Coarse

CR – Coarse

MD – Medium

VF – Very Fine

UF – Ultra Fine

NA – No Abrasive

6TH LETTER: Base Material

T – Light Weight C&P

Z – Zirconia

B – High Strength Premium

D – High Density Premium

F – FMM or Felt

A – Light Weight C&P in Very Fine Only

7TH LETTER / NUMBER: Brush Density

M – Medium Density (Standard)

3 – Digit Grit: Grit of the Interleafs

3 – Digit Diameter: Brush Diameter in mm

3 – Digit Width: Brush Width in mm

Part Number Example:

NI H MD T M 120 - 300 125



SPINDLE MOUNTED BRUSHES

Max RPM - 12,000

1" x 1/2" \$10.17 each

NFACRTM-025015

NFAMDTM-025015

NFAVFTM-025015

NIACRTM060-025015

NIAMDTM120-025015

NIAVFTM180-025015

SOLD IN BOXES OF 10

1" x 1" \$10.17 each

NFACRTM-025025

NFAMDTM-025025

NFAVFTM-025025

NIACRTM060-025025

NIAMDTM120-025025

NIAVFTM180-025025

SOLD IN BOXES OF 10

Max RPM - 8,000

3" x 1" \$24.84 each

NFACRTM-075025

NFAMDTM-075025

NFAVFTM-075025

NIACRTM060-075025

NIAMDTM120-075025

NIAMDTM080-075025

NIAVFTM180-075025

SOLD IN BOXES OF 3

2" x 1" \$18.06 each

NFACRTM-050025

NFAMDTM-050025

NFAVFTM-050025

NIACRTM060-050025

NIAMDTM100-050025

NIAMDTM150-050025

NIAVFAM240-050025

SOLD IN BOXES OF 5

2" x 2" \$36.13 each

NFACRTM-050050

NFAMDTM-050050

NFAVFTM-050050

NIACRTM060-050050

NIAMDTM120-050050

NIAVFTM180-050050

SOLD IN BOXES OF 3

3-1/8" x 2" Full Non-Woven \$46.87 each

NFAMDTM-079050

NFAVFAM-079050

3-1/8" x 2" Interleaf \$46.87 each

NIACRTM060-079050

NIAMDTM100-079050

NIAMDTM150-079050

NIAVFAM240-079050

SOLD IN BOXES OF 3

2-3/8" x 2" \$20.28 each

NFAMDTM-060050

NFAVFAM-060050

SOLD IN BOXES OF 5

4" x 1-3/4" \$54.47 each

NIACRTM060-100045

NIAMDTM100-100045

NIAMDTM150-100045

NIAVFAM240-100045

SOLD IN BOXES OF 2

800-645-5555

BUFFING BRUSHES (BRUSHES FOR HAND HELD BUFFERS)



Brushes with 5/8"-11 Female Thread Max RPM - 4,500 Not for use on angle grinders

4" x 2" x 5/8"-11 Each

NFBXCTM-100050	\$74.51
NFCCRTM-100050	\$74.51
NFBMDTM-100050	\$74.51
NFBVFTM-100050	\$74.51
NIBCRTM060-100050	\$74.51
NIBMDTM120-100050	\$74.51
NIBVFTM180-100050	\$74.51

4-1/4" x 4" x 5/8"-11 Each

NFBXCTM-110100	\$115.72
NFCCRTM-110100	\$115.72
NFBMDTM-110100	\$115.72
NFBMDZM-110100	\$115.72
NFBVFTM-110100	\$115.72
NIBCRTM060-110100	\$122.94
NIBMDTM120-110100	\$122.94
NIBVFTM180-110100	\$122.94

BENCH & PEDESTAL GRINDER BRUSHES



SCAN HERE TO
LEARN MORE ABOUT

POLISHING

6" x 2" x 1" Each

NFEMDTM-150050	\$150.60
NIECRTM080-150050	\$158.13
NIEVFAM180-150050	\$158.13

12" x 1" x 5" Each

NFHMDBM-300025	\$109.25
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12" x 1.75" x 5" Each

NFHMDBH-300045	\$193.47
NFHMDMM-300045	\$193.47

12" x 2" x 5" Each

NFHMDBM-300050	\$189.76
NFHMDBX-300050	\$200.20

12" x 4" x 5" Each

NFHMDTM-300100	\$324.03
NFHXCTM-300100	\$324.03

* SEE MOUNTING PLATES ON PAGE 69

FLAP WHEELS FOR BUFFING TOOLS

Each

40 grit 4" x 4" x 5/8"-11	SM611040100100A	\$92.13
60 grit 4" x 4" x 5/8"-11	SM611060100100A	\$92.13
80 grit 4" x 4" x 5/8"-11	SM611080100100A	\$102.88
120 grit 4" x 4" x 5/8"-11	SM611120100100A	\$97.67
40 grit 4" x 2" x 5/8"-11	SM61104010050A	\$47.83
60 grit 4" x 2" x 5/8"-11	SM61106010050A	\$44.28
80 grit 4" x 2" x 5/8"-11	SM61108010050A	\$44.28

Product not guaranteed for use on Angle Grinder. Typical RPM's are too high.
A variable speed angle grinder at low speed might be acceptable.



BRAZED FLAP WHEELS (3/4" Keyway Arbor Hole)

4-1/4" x 4" x 3/4" keyway Each

NFCXCTM-110100	\$115.72
NFCCRTM-110100	\$115.72
NFCMDTM-110100	\$115.72
NFCMDZM-110100	\$115.72
NFCVFTM-110100	\$115.72
NICCRTM060-110100	\$122.94
NICMDTM120-110100	\$122.94
NICVFTM180-110100	\$122.94

FLAP DISCS

FIBRE DISCS
BONDED

NON-WOVEN

QUICK CHANGE
ROLLS

BELTS
DISCS
SHEETS

FLAPWHEELS
SPECIALTY
POWER TOOLS

WIRE BRUSHES AND WHEELS



CRIMP WIRE WHEEL

Item Number	Dia	Description	Wire Size	Shank	Max RPM	Each
KWW-9160036	1-1/2"	Crimp Wheel CS	.006	1/4" shank	15,000	\$15.67
KWW-9165746	2"	Crimp Wheel CS	.006	1/4" shank	15,000	\$23.50
KWW-382006	2"	Crimp Wheel CS	.012	1/4" shank	15,000	\$19.87
KWW-9164830	2-1/2"	Crimp Wheel CS	.014	1/4" shank	15,000	\$27.57
KWW-382007	3"	Crimp Wheel CS	.012	1/4" shank	15,000	\$21.31



KNOT WHEEL WITH SHANK

Item Number	Dia	Description	Wire Size	Shank	Max RPM	Each
KWW-903861	3"	Knot Wheel CS	.014	1/4" shank	25,000	\$39.38
KWW-9039831	4"	Knot Wheel CS	.014	1/4 shank	20,000	\$45.36



SMALL DIAMETER CRIMP WIRE WHEEL

Item Number	Dia	Description	Wire Size	Shank	Max RPM	Each
KWW-110461	2-1/2"	Crimp Wheel CS	.008	1/2"	20,000	\$16.75
★ KWW-9111791	3"	Crimp Wheel CS	.012	1/2"-3/8"	20,000	\$15.01
KWW-9162651	3"	Crimp Wheel SS	.006	1/2"	20,000	\$34.67
★ KWW-9110971	3"	Crimp Wheel SS	.014	1/2"-3/8"	20,000	\$23.94

★ COMES WITH BUSHING



LARGE DIAMETER CRIMP WIRE WHEEL

Item Number	Dia	Description	Wire Size	Arbor	Max RPM	Each
● KWW-9099521	6"	Crimp Wheel CS	1/2" .014	1/2"-5/8"	6,000	\$65.09
★ COMES WITH ADAPTOR ● USES ADAPTOR BELOW IN YELLOW						

CRIMPED CUP BRUSH

Item Number	Dia	Description	Wire Size	Arbor	Max RPM	Each
KWW-322351	3"	Crimp Cup CS	.014	3/8-24	12,500	\$39.66
KWW-381930	3"	Crimp Cup CS	.014	5/8-11	12,500	\$32.72
KWW-381932	4"	Crimp Cup CS	.014	5/8-11	8,500	\$41.93
KWW-099641	6"	Crimp Cup CS	.014	5/8-11	6,600	\$50.73



TWISTED KNOT CUP BRUSH

Item Number	Dia	Description	Wire Size	Arbor	Max RPM	Each
KWW-381997	2-3/4"	Knot Cup CS	.014	5/8-11	12,500	\$36.24
KWW-381996	2-3/4"	Knot Cup CS	.020	5/8-11	12,500	\$37.23
KWW-381999	2-3/4"	Knot Cup SS	.020	5/8-11	12,500	\$53.19
KWW-382000	4"	Knot Cup CS	.025	5/8-11	9,000	\$67.16
KWW-381730	6"	Knot Cup CS	.035	5/8-11	6,600	\$107.58

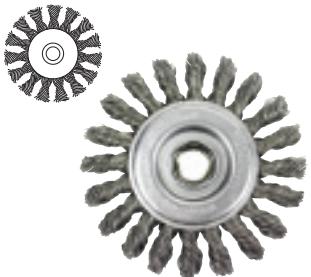
* ADAPTORS FOR ARBOR REDUCTION KWW-ADAPTER1/2, KWW-ADAPTER3/4, KWW-ADAPTER5/8



CRIMPED SMALL GRINDER WIRE WHEEL

Item Number	Dia	Description	Wire Size	Arbor	Max RPM	Each
KWW-9213171	4"	Crimped Wheel CS	.014	5/8-11	15,000	\$29.91

WIRE BRUSHES AND WHEELS



KNOT WHEEL

Item Number	Dia	Description	Wire Size	Arbor	Max RPM	Each
KWW-9265871	4"	Knot Wheel CS	.014	5/8-11	20,000	\$27.46
KWW-382070	4"	Knot Wheel CS	.020	5/8-11	20,000	\$26.56
KWW-9265931	4"	Knot Wheel SS	.014	5/8-11	20,000	\$41.20
KWW-382001	4"	Knot Wheel SS	.020	5/8-11	20,000	\$48.71
KWW-381734	6"	Knot Wheel CS	.025	5/8-11	12,500	\$45.29
KWW-9264871	4"	Cable Knot Wheel CS	.020	5/8-11	20,000	\$31.38
KWW-9263411	4"	Cable Knot Wheel SS	.020	5/8-11	20,000	\$60.73



STRINGER BEAD

Item Number	Dia	Description	Wire Size	Arbor	Max RPM	Each
KWW-382065	4"	Stringer Bead Wheel CS	.020	5/8-11	20,000	\$32.42
KWW-382066	4"	Stringer Bead Wheel SS	.020	5/8-11	20,000	\$45.88
KWW-382068	6"	Stringer Bead Wheel CS	.020	5/8-11	12,500	\$43.57
KWW-382069	6"	Stringer Bead Wheel SS	.020	5/8-11	12,500	\$49.42



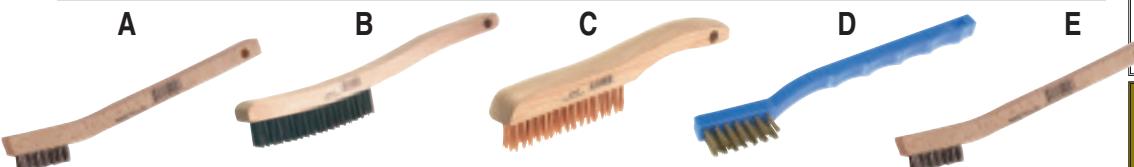
CRIMP END BRUSH

Item Number	Dia	Description	Wire Size	Arbor	Max RPM	Each
KWW-9029501	1"	Crimp End CS	.008	1/4" shank	20,000	\$13.48
KWW-381928	1"	Crimp End CS	.014	1/4" shank	20,000	\$7.27
KWW-9026511	1"	Crimp End CS	.020	1/4" shank	20,000	\$7.65
KWW-381929	1"	Crimp End SS	.014	1/4" shank	20,000	\$27.52
KWW-381925	3/4"	Crimp End CS	.006	1/4" shank	20,000	\$9.21
KWW-381926	3/4"	Crimp End CS	.014	1/4" shank	20,000	\$9.21
KWW-301611	3/4"	Crimp End CS	.020	1/4" shank	20,000	\$11.81
KWW-381927	3/4"	Crimp End SS	.014	1/4" shank	20,000	\$9.74
KWW-301911	1/2"	Crimp End CS	.006	1/4" shank	25,000	\$8.81
KWW-9301941	1/2"	Crimp End CS	.014	1/4" shank	20,000	\$8.81
KWW-301951	1/2"	Crimp End CS	.020	1/4" shank	20,000	\$8.81
KWW-914798	1/2"	Crimp End SS	.006	1/4" shank	20,000	\$11.76
KWW-9301971	1/2"	Crimp End SS	.014	1/4" shank	20,000	\$9.49



KNOT END BRUSH

Item Number	Dia	Description	Wire Size	Shank	Max RPM	Each
KWW-381830	1"	Knot End CS	.014	1/4" shank	20,000	\$14.23
KWW-381832	1"	Knot End CS	.020	1/4" shank	20,000	\$14.79
KWW-381831	1"	Knot End SS	.014	1/4" shank	20,000	\$8.55
KWW-381833	3/4"	Knot End CS	.014	1/4" shank	20,000	\$13.32
KWW-381835	3/4"	Knot End CS	.020	1/4" shank	20,000	\$11.39
KWW-381834	3/4"	Knot End SS	.014	1/4" shank	20,000	\$7.41



SCRATCH BRUSHES

Item Number	Description	Area Length	Area Width	Overall Length	Fill Diameter	Fill Material	Wire Rows	Trim Length	Each
A KWW-381940	Angle Back Wood	1-3/8"	1/4"	7-3/4"	.014	Stainless Steel	3" x 7"	1/2"	\$4.37
B KWW-381944	Long Handle Wood	5-1/2"	3/4"	13-3/4"	.014	Steel	3" x 19"	1-1/8"	\$6.07
C KWW-381942	Shoe Handle Wood	4-1/2"	7/8"	9-1/2"	.014	Steel	4" x 16"	1-1/8"	\$5.81
D KWW-381938	Angle Back Plastic	1-1/2"	1/4"	7-1/4"	.006	Brass	3" x 7"	7/16"	\$4.37
E KWW-381941	Long Handle Wood	1-1/2"	1/4"	7-3/4"	.006	Brass	3" x 7"	7/16"	\$3.24



POWER WHEEL

These wheels will replace your wire wheels for removing surface contaminants while leaving a fine finish.

Constructed of large nylon filament with coarse silicon carbide grain, this open structure provides aggressive removal and blending characteristics without loading. Applications include: removal of paints and other surface coatings, cleaning of weld discoloration, blending, and removing corrosion, rust and scale.



Size & Description	Recommended RPM	Maximum RPM	Each
4" dia. with 1/2" arbor	3,700 - 4,200	7,600	\$18.58
6" dia. with 1/2" arbor	2,500 - 3,000	5,000	\$31.84

All Power Wheels have a 1/2" center hole. Mandrels both have a 1/2" insertion end and either a 1/4" or 5/16" shank.

The KLINGSPOR reusable arbor system is unique in that it comes with a series of "washers" which allows for optimum support as the wheel wears away.

Reusable arbor - 5/16"	\$18.56	Reusable arbor - 1/4"	\$18.56
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QUICK CHANGE POWER DISCS

Made of a very coarse non-woven material, these power discs will strip paint, remove rust and scale, and other surface contaminants. Conveniently used as a KLINGSPOR QDC or a KLINGSPOR QRC for fast disc changes. Sold in boxes of 10.



2" QDC Power Disc on 1-1/2" QD backer
Must be used with SL100 Mandrel

QDPD200 \$5.93/ea

2" QDC Power Disc on 2" QD backer

QDPD2002 \$5.88/ea

3" QDC Power Disc on 2" QD backer

QDPD300 \$7.78/ea

2" QRC Power Disc

QRCPD200 \$5.87/ea

3" QRC Power Disc

QRCPD300 \$7.71/ea

MINI FLAP DISCS

Mini Flap Discs are ideal for removal and blending in tight hard to reach areas. These are offered in a QRC disc for fast and convenient changeover. Mini Flap Discs are available in 2" and 3" discs, both Zirconia and Ceramic materials. Used with QRC Holder Pads.

ZIRCONIA

Diameter	Available Grits	Max RPM	Price	Diameter	Available Grits	Max RPM	Price
2"	120	30,000	\$2.84	2"	80	30,000	\$3.47
	80		\$2.76	10/Box	60		\$3.47
	60		\$2.76		40		\$3.47
	40		\$2.76		36		\$3.47
	36		\$2.76	3"	80	20,000	\$4.57
3"	120	20,000	\$3.38	10/Box	60		\$4.57
	80		\$3.38		40		\$4.57
	60		\$3.38		36		\$4.57
	40		\$3.38				
	36		\$3.38				

CERAMIC

Diameter	Available Grits	Max RPM	Price
3"	120	20,000	\$3.38
	80		\$3.38
	60		\$3.38
	40		\$3.38
	36		\$3.38



FAST RUST
AND PAINT
REMOVAL

NCD 200 SPECIAL POWER WHEEL FLAP DISC

SPECIFICATIONS

- Special Silicon Carbide Non-woven web
- High edge strength
- Non-clogging due to open structure

APPLICATIONS

- Rust and mill scale removal
- Aggressive cleaning of paint, varnishes or other surface coatings
- Performs well on all metals, stainless steel and plastic

Diameter	Bore Size	Recommended RPM	Package	Price
4-1/2"	7/8"	10,450	5/Box	\$18.16

Always use with lock nut flange.

NCD 200HD SPECIAL

Same great flap disc upgraded with ceramic-coated aluminum oxide grains. Made for heavier duty applications and more aggression.

SPECIFICATIONS

- Special ceramic Non-woven web
- High edge strength
- Non-clogging due to open structure

12° CONVEX



APPLICATIONS

- Rust and mill scale removal
- Aggressive cleaning of paint, varnishes or other surface coatings
- Performs well on all metals, stainless steel and plastic

Diameter	Bore Size	Recommended RPM	Package	Price
4-1/2"	7/8"	10,450	5/Box	\$23.67

Always use with lock nut flange.



POWER WHEEL

CARTRIDGE ROLLS

Item #	Size	Max RPM	Grit	Mandrel #	Description	Per 100
CR0601038AST	3/8" x 1-1/2" x 1/8"	25,000	60	2	Straight A/O	\$90.88
CR0801038AST	3/8" x 1-1/2" x 1/8"	25,000	80	2	Straight A/O	\$93.64
CR1201038AST	3/8" x 1-1/2" x 1/8"	25,000	120	2	Straight A/O	\$93.64
CR1801038AST	3/8" x 1-1/2" x 1/8"	25,000	180	2	Straight A/O	\$99.42
CR0601225AST	1/2" x 1" x 1/8"	25,000	60	1	Straight A/O	\$82.33
CR0801225AST	1/2" x 1" x 1/8"	25,000	80	1	Straight A/O	\$85.22
CR1201225AST	1/2" x 1" x 1/8"	25,000	120	1	Straight A/O	\$88.02
CR2401225AST	1/2" x 1" x 1/8"	25,000	240	1	Straight A/O	\$90.88
CR0401238AST	1/2" x 1-1/2" x 1/8"	25,000	40	2	Straight A/O	\$116.45
CR0601238AST	1/2" x 1-1/2" x 1/8"	25,000	60	2	Straight A/O	\$113.55
CR0801238AST	1/2" x 1-1/2" x 1/8"	25,000	80	2	Straight A/O	\$116.45
CR1201238AST	1/2" x 1-1/2" x 1/8"	25,000	120	2	Straight A/O	\$116.45
CR1801238AST	1/2" x 1-1/2" x 1/8"	25,000	180	2	Straight A/O	\$124.96
CR2401238AST	1/2" x 1-1/2" x 1/8"	25,000	240	2	Straight A/O	\$127.79
CR0601250AST	1/2" x 2" x 1/8"	25,000	60	3	Straight A/O	\$139.13
CR0801250AST	1/2" x 2" x 1/8"	25,000	80	3	Straight A/O	\$141.97
CR1201250AST	1/2" x 2" x 1/8"	25,000	120	3	Straight A/O	\$144.86
CR0602038AST	3/4" x 1-1/2" x 1/8"	25,000	60	2	Straight A/O	\$193.11
CR0802038AST	3/4" x 1-1/2" x 1/8"	25,000	80	2	Straight A/O	\$195.67
CR0602038BST	3/4" x 1-1/2" x 1/4"	25,000	60	4	Straight A/O	\$193.11
CR0802038BST	3/4" x 1-1/2" x 1/4"	25,000	80	4	Straight A/O	\$195.94
CR1202038BST	3/4" x 1-1/2" x 1/4"	25,000	120	4	Straight A/O	\$201.62
CR1002050AST	3/4" x 2" x 1/8"	25,000	100	3	Straight A/O	\$267.09
CR1202050AST	3/4" x 2" x 1/8"	25,000	120	3	Straight A/O	\$266.97
CR0601025AFT	3/8" x 1" x 1/8"	25,000	60	1	Full Taper A/O	\$85.18
CR0801025AFT	3/8" x 1" x 1/8"	25,000	80	1	Full Taper A/O	\$88.60
CR1201025AFT	3/8" x 1" x 1/8"	25,000	120	1	Full Taper A/O	\$147.63
CR1801025AFT	3/8" x 1" x 1/8"	25,000	180	1	Full Taper A/O	\$150.53
CR0501038AFT	3/8" x 1-1/2" x 1/8"	25,000	50	2	Full Taper A/O	\$156.19
CR0801038AFT	3/8" x 1-1/2" x 1/8"	25,000	80	2	Full Taper A/O	\$93.64
CR1201038AFT	3/8" x 1-1/2" x 1/8"	25,000	120	2	Full Taper A/O	\$93.64
CR0601225AFT	1/2" x 1" x 1/8"	25,000	60	1	Full Taper A/O	\$82.33
CR0801225AFT	1/2" x 1" x 1/8"	25,000	80	1	Full Taper A/O	\$85.22
CR0361238AFT	1/2" x 1-1/2" x 1/8"	25,000	36	2	Full Taper A/O	\$118.86
CR0601238AFT	1/2" x 1-1/2" x 1/8"	25,000	60	2	Full Taper A/O	\$113.55
CR0801238AFT	1/2" x 1-1/2" x 1/8"	25,000	80	2	Full Taper A/O	\$116.45
CR1201238AFT	1/2" x 1-1/2" x 1/8"	25,000	120	2	Full Taper A/O	\$116.45
CR1801238AFT	1/2" x 1-1/2" x 1/8"	25,000	180	2	Full Taper A/O	\$124.96
CR0601250AFT	1/2" x 2" x 1/8"	25,000	60	3	Full Taper A/O	\$139.13
CR0801250AFT	1/2" x 2" x 1/8"	25,000	80	3	Full Taper A/O	\$141.97
CR1201250AFT	1/2" x 2" x 1/8"	25,000	120	3	Full Taper A/O	\$144.86



Cartridge Rolls of 1" Length 3/4" Pilot Length
 Cartridge Rolls of 1-1/2" Length 1" Pilot Length
 Cartridge Rolls of 2" Length 1 1/2" Pilot Length

Also available in
Alumina Zirconia
- call for pricing



MANDRELS - CALL FOR OTHER SIZES

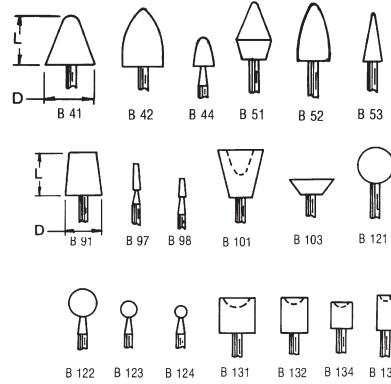
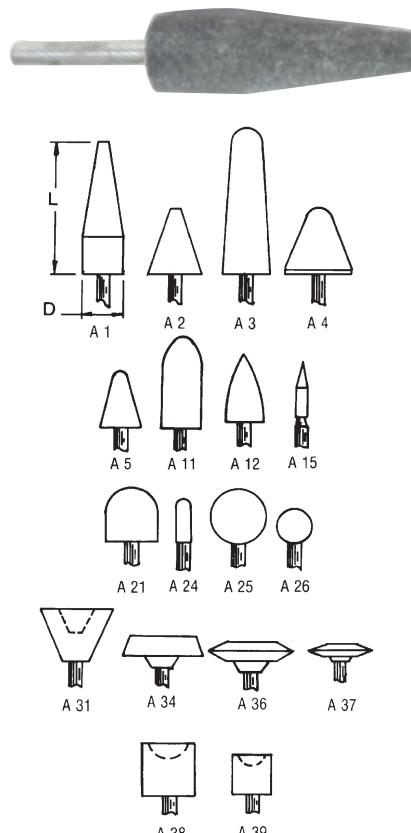
Mandrel Number	Item Number	Pilot	Pilot Length	Shank	Shank Length	Overall Length	Price Per Mandrel
1	CRMANDREL700717	1/8"	3/4"	1/4"	1-1/4"	2-1/2"	\$6.40
2	CRMANDREL710190	1/8"	1"	1/4"	1-1/4"	2-3/4"	\$6.40
3	CRMANDREL708875	1/8"	1-1/2"	1/4"	1-1/4"	3-1/4"	\$6.40
4	CRMANDREL712584	1/4"	1"	1/4"	1-1/4"	3"	\$6.40

KLINGSPOR's Mounted Points have been developed for safe, high performance use. Quality is consistently excellent, as you would expect from products with the KLINGSPOR name. Over 100 different shapes and a variety of sizes, bonds, grits, etc. are available to suit virtually any metal grinding need.

All Mounted Points must be purchased in quantities of 10

GROUP "A" SPECIAL SHAPES - 1/4" SHANKS

Shape	Dia x Length	Max RPM	Red	Blue	Pack of 10
A1	3/4" x 2-1/4"	19,800	60	60	\$98.47
A2	1" x 1-1/4"	38,200	60	60	\$61.95
A3	1" x 2-3/4"	16,100	60	60	\$106.73
A4	1-1/4" x 1-1/4"	30,560	60	60	\$66.93
A5	3/4" x 1-1/8"	45,000	60	60	\$57.43
A11	7/8" x 2"	19,860	60	60	\$72.54
A11	7/8" x 2"	19,860	36	36	\$72.54
A12	1-1/16" x 1-1/4"	48,000	60	60	\$66.15
A14	1-1/16" x 7/8"	55,560	60	■	\$41.71
A15	1/4" x 1-1/16"	72,750	60	60	\$55.43
A21	1" x 1"	34,500	60	60	\$47.94
A24	1/4" x 3/4"	76,500	60	60	\$39.66
A25	1" x 1"	35,620	60	60	\$47.94
A26	5/8" x 5/8"	61,120	60	60	\$42.76
A31	1-3/8" x 1"	27,780	60	60	\$57.46
A32	1" x 5/8"	38,000	60	60	\$41.71
A34	1-1/2" x 3/8"	25,470	60	60	\$54.02
A36	1-5/8" x 3/8"	23,520	60	60	\$57.46
A37	1-1/4" x 1/4"	30,560	60	60	\$42.96
A38	1" x 1"	34,500	60	60	\$39.66
A39	3/4" x 3/4"	47,250	60	60	\$33.97



**While all Mounted Points listed are available, not all are in-stock items.

Be sure to inquire about availability.

GROUP "B" SPECIAL SHAPES - 1/8" SHANKS

Shape	Dia x Length	Max RPM	Red	Blue	Pack of 10
B41	5/8" x 5/8"	33,750	60	60	\$40.72
B42	1/2" x 3/4"	33,750	60	60	\$41.41
B44	7/32" x 3/8"	68,400	60	60	\$37.32
B44	7/32" x 3/8"	68,400	90	90	\$37.32
B51	7/16" x 3/4"	45,370	60	60	\$39.66
B52	3/8" x 3/4"	45,370	60	60	\$39.66
B53	1/4" x 5/8"	60,000	60	60	\$39.66
B91	1/2" x 5/8"	34,500	60	60	\$37.91
B96	1/8" x 1/4"	105,000	90	90	\$71.49
B97	1/8" x 3/8"	105,000	90	90	\$37.32
B97	1/8" x 3/8"	105,000	120	120	\$35.55
B98	3/32" x 1/4"	105,000	90	90	\$40.72
B101	5/8" x 11/16"	33,750	60	60	\$38.50
B103	5/8" x 3/16"	61,120	60	60	\$37.32
B121	1/2" x 1/2"	45,370	60	60	\$39.28
B122	3/8" x 3/8"	61,650	60	60	\$37.13
B123	3/16" x 3/16"	104,250	90	90	\$33.18
B124	1/8" x 1/8"	105,000	90	90	\$33.35
B131	1/2" x 1/2"	34,500	60	60	\$29.81
B132	3/8" x 1/2"	45,370	60	60	\$29.24
B134	5/16" x 3/8"	61,650	60	60	\$28.39
B135	1/4" x 1/2"	60,000	60	60	\$29.24



MOUNDED POINTS

GROUP "W" PLAIN SHAPES

**While all Mounted Points listed are available, not all are in-stock items.
Be sure to inquire about availability.



Shape	Diameter x Length	Shank Size	Max RPM	Red	Blue	Pack of 10
W142	3/32" x 1/4"	1/8"	105,000	120	120	\$25.45
W144	3/32" x 1/4"	1/8"	105,000	120	60	\$26.67
W145	1/8" x 3/8"	1/8"	105,000	60	60	\$29.24
W146	1/8" x 1/2"	1/8"	105,000	60	60	\$29.24
W152	3/16" x 1/4"	1/8"	105,000	60	60	\$27.36
W153	3/16" x 3/8"	1/8"	80,850	60	60	\$31.94
W154	3/16" x 1/2"	1/8"	70,500	60	60	\$28.39
W160	1/4" x 1/4"	1/8"	81,370	60	60	\$27.36
W162	1/4" x 3/8"	1/8"	68,400	60	60	\$29.24
W163	1/4" x 1/2"	1/8"	60,000	60	60	\$29.24
W164	1/4" x 3/4"	1/8"	45,900	60	60	\$30.84
W175	3/8" x 3/8"	1/8"	54,000	60	60	\$30.09
W176	3/8" x 1/2"	1/8"	45,370	60	60	\$29.24
W178	3/8" x 1"	1/8"	26,250	60	60	\$33.19
W179	3/8" x 1-1/4"	1/8"	45,750+	60	60	\$41.94
W185	1/2" x 1/2"	1/4"	34,500	60	60	\$29.24
W186	1/2" x 1"	1/8"	20,620	60	60	\$29.37
W187	1/2" x 1-1/2"	1/8"	30,370+	60	60	\$33.18
W188	1/2" x 2"	1/4"	24,000+	60	60	\$49.87
W189	3/4" x 3/4"	1/4"	18,900+	60	60	\$62.79
W204	3/4" x 1"	1/4"	34,900+	60	60	\$33.18
W205	3/4" x 1-1/4"	1/4"	28,720	60	60	\$37.32
W206	1" x 1/8"	1/4"	38,200	60	60	\$42.96
W215	1" x 1/2"	1/8"	38,200+	60	60	\$31.59
W218	1" x 1"	1/4"	25,500+	60	60	\$36.34
W220	1" x 1-1/2"	1/4"	19,120+	60	60	\$39.66
W221	1" x 2"	1/4"	15,900+	60	60	\$54.90
W222	1-1/4" x 1/4"	1/4"	30,560+	60	60	\$67.48
W225	1-1/2" x 1/4"	1/4"	25,470+	60	60	\$37.32
W235	1-1/2" x 1/2"	1/4"	25,470+	60	60	\$39.66
W236	2" x 1"	1/4"	25,470+	60	60	\$41.94
W242	2" x 1"	1/4"	25,470+	60	60	\$62.79

Red General Purpose Mounted Points - These vitrified wheels are made with a clay bond along with premium white ALUMINUM OXIDE. They are best suited for grinding hardened tool steels which require a softer cutting wheel and will also effectively grind other materials such as hardened steels, glass, rubber, some stainless steels, wood, aluminum(hard), carbon steels and plastics.

Blue General Purpose Mounted Points - Also vitrified wheels, the blue mounted points are made with a porcelain bond along with regular ALUMINUM OXIDE grain. They are best suited for grinding low carbon steels or pre-hardened tool steels which require a tougher bond strength. These wheels will also effectively grind in heavier duty applications such as foundry work on castings, weld grinding on ferrous metals, hard brass and hard bronze.

Safety and Use of Mounted Wheels - Mounted wheels should be used with all the safety precautions recommended for grinding wheels. Each wheel should be inspected before use to make sure that the wheel is not damaged or the mandrel is not bent. Safe operating speeds are determined by shape and size, diameter of the mandrel and overhang (distance from end of support to base of wheel).

- DO NOT EXCEED THE SPEED INDICATED.
- DO NOT USE EXCESSIVE WORK PRESSURE.
- DO NOT OPERATE A MOUNTED WHEEL WHICH IS NOT CAREFULLY MOUNTED AND RUNNING TRUE.
- USE FACE PROTECTION AT ALL TIMES.

It is good practice, when starting hand grinders, to hold the grinder pointed downward and away from the operator until full operating speed is attained. If excessive vibration is felt, stop the grinder at once.



FLAP DISCS

FIBRE DISCS
BONDED

NON-WOVEN

QUICK CHANGE
ROLLS

BELTS
DISCS
SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS



Heavy Duty Graphite Rolls

Heavy duty graphite-coated canvas will extend the life of your belts by reducing heat and friction.

Size	Per Roll
3" x 10 yard	\$99.09
4" x 10 yard	\$154.12
6" x 10 yard	\$198.16
9" x 10 yard	\$297.24
12" x 10 yard	\$402.12

Graphite Sticks

Graphite sticks are used to lubricate belt backings used in mold sanding.

Graphite Sticks \$22.05 each



Grease Sticks

Grease Sticks \$24.98 each



KLINGSPOR BACKING PADS

5" Kling-On®
No Hole
SBP5K
\$26.85



5" PSA
No Hole
SBP5P
\$26.85



6" Kling-On®
Multi-Hole
SBP6KMP
\$51.04



5" Kling-On®
Multi-Hole
SBP5KMP
\$35.72



Kling-On®
No Holes
SBP6K
\$30.39



6" PSA
No Holes
SBP6P
\$30.39

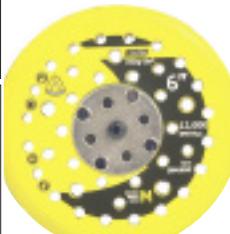


PSA BACKING PADS



5" x No Hole PSA FJ70515V...\$41.10

- fits Chicago Pneumatic Models CP-3575-SP, CP-3565-SH
- fits all Dynabrade models 59005, 59020, 59035, 56815, 56850
- MAX RPM 12,000



6" x No Hole PSA FJ70516V...\$47.99

- fits Chicago Pneumatic Models CP-3576-SP, CP-3566-SH, CP-9164, 763, 763P, 764, 764P
- fits Ingersoll-Rand Models IR310, IR311
- fits Sioux Model 5558A
- fits all Dynabrade models 59010, 59025, 59040, 56826, 56859
- MAX RPM 12,000

KLING-ON® HOOK & LOOP BACKING PADS

5" x No Hole Hook & Loop
FJ70515 \$29.12

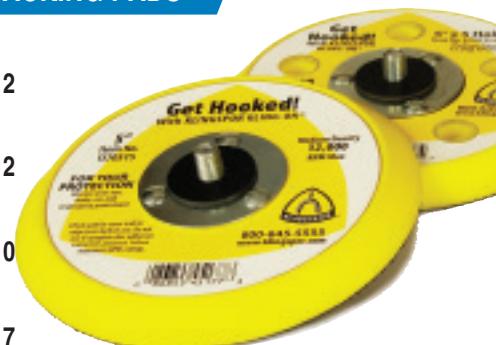
5" x 5 Hole Hook & Loop
FJ70515-H5 \$29.12

5" x No Hole PSA
FJ70515V \$41.10

5" Multi-Hole
FJ575 \$53.17

6" x No Hole Hook & Loop
FJ70516 \$33.29

6" Kling-On Multi-Hole
FJ576 \$55.14



For Dynabrade Orbital Sanders:
pads attach with a 5/16-24 male
threaded stud



SPECIALTY

NITRO SERIES ELECTRIC DYNISHER

FEATURES:

- Achieve superior in-line finishes on metal.
- 800 - 3,000 RPM, adjustable in 500 RPM increments.
- Variable speed dial allows operator to pre-select speed to suit each application.
- Includes 13378 Arbor for use with 3/4" bore accessories.
- Multi-purpose arbor accepts Dynacushion® pneumatic wheels (5" dia x 3-1/2" wide).
- Non-woven nylon wheels can also be used utilizing 3/4" arbor.
- Features a locking trigger for extended use.
- Adjustable handle and guard.
- Comfortable ergonomic design for smooth, repeatable results.

DRUM NOT INCLUDED

NITRO SERIES 6" ELECTRIC RANDOM ORBITAL BUFFER/POLISHER

FEATURES:

- Powerful 1000-watt motor is well suited for detail applications
- Well balanced, right angle tool configuration provides easy operator control
- Thumb controlled variable speed dial offers six speed selection options between 1,800 - 4,400 RPM
- Front grip cover, adjustable/removable D handle and ergonomic throttle handle design offer multiple grip positions during use
- Flexible, oil-resistant, 12-foot electric cord provides added maneuverability throughout the shop
- Sealed 100% ball-bearing construction provides long life
- Locking ON button for extended ease of use



MODEL DYNA00R0B1



Dynacushion Pneumatic Wheels

	Dimensions Dia. x W	Part No.	Hub Composition	Arbor Hole	Wheel Part No.	Wheel Type	Belt Size W x L	Max. RPM	Recommended Dynabrade Tools		
	2-1/4" x 3"	92858	Aluminum	1/2"-13 Thread	94433	Standard	3" x 7-3/8"	9,000	Not applicable		
		94432		5/8"-11 Thread					13204, 13505, 13509, 13515, 13519, 13520		
	3" x 2-1/4"	92846	Aluminum	1/2"-13 Thread	92643	Standard	2-1/4" x 9-3/4"	7,000	Not applicable		
		92847		5/8"-11 Thread					13204/205/209, 13515/519/520		
		92848		1/2"-13 Thread	92644	Heavy Duty			Not applicable		
		92849		5/8"-11 Thread					13204/205/209, 13515/519/520		
	3-1/4" x 3"	92824	Aluminum	1/2"-13 Thread	92646	Standard	3" x 10-11/16"	7,000	Not applicable		
		92825		5/8"-11 Thread					13204, 13505, 13515, 13520		
		92827		1/2"-13 Thread	92647	Heavy Duty			Not applicable		
		92828		5/8"-11 Thread					13204, 13505, 13515, 13520		
		94507*	Composite	5/8" Bore	94500	Standard			13101/102, 13202/205/207, 13300, 13503/506/508/516/518		
		94508		5/8"-11 Thread					13204, 13505, 13515, 13520		
	90 mm x 100 mm	92863*	Aluminum	19 mm w/ 6 mm Slot	92651	Standard	100 mm x 289 mm	7,000	Not applicable		
	5" x 2-3/4"	92811	Aluminum	5/8"-11 Thread	94482	Standard	2-3/4" x 15-1/2"	3,500	13204, 13505/515/521/531		
		94492	Composite	5/8"-11 Thread					1/2": 13206, 13507		
		92935	Aluminum	Universal 1/2", 5/8" or 3/4" Bore					5/8": 13207, 13508		
		92936	Composite	Universal 1/2", 5/8" or 3/4" Bore							
	5" x 3-1/2"	92801	Aluminum	5/8"-11 Thread	94481	Standard	3-1/2" x 15-1/2"	3,500	13204, 13505, 13515, 13521, 13531		
		94472	Composite	5/8"-11 Thread					Not applicable		
		92805	Aluminum	Universal 1/2", 5/8" or 3/4" Bore					1/2": 13206, 13507		
		92803	Aluminum	M14 x 2 Thread	94481	Standard			5/8": 13207, 13508		
		92937	Aluminum	Universal 1/2", 5/8" or 3/4" Bore							
		92938	Composite	Universal 1/2", 5/8" or 3/4" Bore							



Dynafile® II

Air Powered Abrasive Belt Tool

Reach normally inaccessible areas.



FOR 18" LONG BELTS DYNA40320

- Includes 11206 Contact Arm for 3/4" wide x 18" long abrasive belts.

FOR 20-1/2" LONG BELTS DYNA40326

- Includes 11287 Contact Arm for 5/8" or 3/4" wide abrasive belts. 11287 is only arm compatible with 20-1/2" long belts.

FEATURES

- Grind, deburr, blend and polish. Work on metal, plastic, fiberglass, composites, rubber, glass and stone
- Lightweight, ergonomic 7° offset design
- Grinding head pivots 360°
- Grind off contact wheel or platen pad
- Finish & polish using slack of belt
- Secure belt housing at desired position using 95134 Hex Key

KLINGSPOR PRODUCTS

- Includes 11206 Contact Arm for 3/4" wide x 18" long abrasive belts

Part Number	Comments	Belt Size (W x L)	Contact Wheel Assembly (includes bearing and shaft)	Platen Pad
11203 Order 11312 for heavy-duty version.	<ul style="list-style-type: none"> Standard on Models 40335, 40610 and 40615 Grind over contact wheel or platen 	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide; Soft
11204, 11305	<ul style="list-style-type: none"> Unique offset design Strap polishing is easy with this arm 	1/8", 1/4" or 1/2" x 18"	11204: 11080 Wheel, 1" dia. x 3/8" wide, 70 duro 11305: 11093 Wheel, 1" dia. x 3/8" wide, 40 duro (Both wheels radiused rubber)	None
11206 Order 11326 for heavy-duty version.	<ul style="list-style-type: none"> Standard on Models 15400, 40320, 40330 and 40381 	5/8" or 3/4" x 18"	11282 3/4" dia. x 5/8" wide, rubber	11109 3/4" wide; Hard
11280	<ul style="list-style-type: none"> Grind corners, enter grooves, strap polish "V" shape wheel 	1/8" or 1/4" x 18"	11086 1" dia. x 3/8" wide, urethane, tapered	None
11304 "The Banana Arm" USA Government National Stock No. 5130012769560	Work on broad areas; levels in-line scratch; blend stainless	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	11132 1/2" wide; Hard
11312	<ul style="list-style-type: none"> Heavy-duty steel Grind over contact wheel or platen 	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide; Soft
11320 Offset Arm	<ul style="list-style-type: none"> For flat grinding using platen at or near corners and edges of large radius round Contact wheel is offset to prevent gouging 	1/2" x 18"	5/8" dia. x 3/8" wide, rubber	11026 1/2" wide; Hard
11321	<ul style="list-style-type: none"> 45 PSIG maximum Work on contact wheel or platen pad 	1/2" x 18"	11070 7/16" dia. x 3/8" wide, rubber	11025 1/2" wide; Soft
11325	For flat grinding and heavy stock removal	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	11024 Steel Platen
11360	<ul style="list-style-type: none"> Unique offset design Grind over contact wheels or strap polish 	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	None





SANDING STARS
NOT INCLUDED

LIGHTWEIGHT DYNINGER - DYN52050

FEATURES

- For use with Spindle Mounted Sanding Stars
- 3,200 rpm variable speed
- Air-Flow Control Dynaswivel®
- Rear exhaust
- Replaces tedious hand sanding

KLINGSPOR PRODUCTS:

- 4" Sanding Stars
- Flutter Sheets (with Flutter Sheet Arbor)
- 4" and 6" Power Wheels
- Use with #Dyna95542 Gear Grease and Grease Gun #DYNA95541



ALSO AVAILABLE:

Dyna52052 Dyninger with 1/2" Arbor
Dyna52051 Dyninger with 6mm Collet

DIE GRINDERS



DYNA50219 - .3 HP KIT

FEATURES

- Nitro Tool .3 hp Die Grinder Kit Contains
- DGR31 - .3 hp Right Angle Die Grinder (18K RPM)
- DGS31 - .3 hp Straight Die Grinder (25K RPM)

DYNA50218 - .5 HP KIT

FEATURES

- Nitro Tool .5 hp Die Grinder Kit Contains
- DGR51 - .5 hp Right Angle Die Grinder (14K RPM)
- DGS51 - .5 hp Straight Die Grinder (20K RPM)

RAISED PANEL SANDER - DYN57906

Air Powered Finishing Sander. Includes 57956 Raised Panel Pad (4" long x 3/4" wide) with unique angled edges for sanding in tight corners and on raised panel edges.



58021 3/8" (10 MM) DIAMETER NON-VACUUM DYNAFINE BACKSPLASH RADIUS DISC PAD, VINYL-FACE

58024 3/4" (19 MM) DIAMETER NON-VACUUM DYNAFINE BACKSPLASH REVERSE RADIUS DISC PAD, VINYL-FACE

DYNAFILE DETAIL SANDER DYN57900

Air Powered Finishing Sander. Excellent for use in tight corners. Sander comes with one triangle and one tear-drop hook-face pad.



FEATURES

- Excellent for use in tight corners
- Eliminates finger sanding
- 13,000 RPM motor with 1/32 orbital action
- 20 SCFM @ 90 PSI
- Handle has 7 degree offset for greater comfort
- Lightweight only 1.6 LBS

KLINGSPOR PRODUCTS

- Triangular PSA & Kling-On® Discs
- Triangular Non-Woven Discs
- Tear-Drop PSA & Kling-On® Discs
- Tear-Drop Non-Woven Discs



DYNADGS31 - .3 HP

FEATURES

- .3 hp / 25,000 RPM
- 1/4" collet / rear exhaust
- Gearless, smooth running air motor

KLINGSPOR PRODUCTS

- KM 613's with 1/4" shank
- Cartridge rolls
- No lap bands
- Carbide Burrs & Mounted Points
- Spindle Brushes
- Unitized wheels
- Wire brushes with 1/4" shank

DYNADGS51 - .5 HP

FEATURES

- .5 hp / 20,000 RPM
- 1/4" collet / rear exhaust
- Gearless, smooth running air motor

KLINGSPOR PRODUCTS

- KM 613's with 1/4" shank
- Cartridge rolls
- No lap bands
- Carbide Burrs & Mounted Points
- Spindle Brushes
- Unitized wheels
- Wire brushes with 1/4" shank

GRIT GRADING SYSTEMS

All KLINGSPOR coated abrasive products, with the exception of Alumina Zirconia and Ceramic Aluminum Oxide, are graded by grit size using the FEPA or P-grade scale. Some competitive products are graded according to the CAMI (Coated Abrasives Manufacturers Institute) scale. P-graded products are easily identified by a "P" preceding the grit number on the back of the material. The chart on this page compares both scales, along with relative size in inches and microns.

FEPA (P-Grade)	CAMI	Finishing Scale	Average Particle Size In Inches	Micron Scale μ	Comparable Grit Symbol (Old Scale)
P2000	1000	•	.00042	9.5	*
P1500	800	•	.00051	12.3	*
P1200	•	A16	.00060	15.3	*
•	600	•	.00062	16.0	*
P1000	•	•	.00071	18.3	*
•	500	•	.00077	19.7	*
•	•	•	.00079	20.0	*
P800	•	A25	.00085	21.8	*
•	400	A30	.00092	23.6	10/0
•	•	•	.00098	25.0	*
P600	•	A35	.00100	25.75	*
•	360	•	.00112	28.8	*
•	•	•	.00118	30.0	*
P500	•	•	.00121	30.2	*
P400	•	A45	.00137	35.0	*
•	320	•	.00140	36.0	9/0
•	•	•	.00158	40.0	*
P360	•	•	.00158	40.5	*
•	280	•	.00172	44.0	8/0
•	•	•	.00177	45.0	*
P320	•	A60	.00180	46.2	*
•	•	•	.00197	50.0	*
P280	•	•	.00204	52.5	*
•	240	A65	.00209	53.5	7/0
•	•	•	.00217	55.0	*
P240	•	A75	.00228	58.5	*
•	•	•	.00230	60.0	*
P220	•	A90	.00254	65.0	*
•	220	A85	.00257	66.0	6/0
P180	180	A110	.00304	78.0	5/0
•	150	A130	.00363	93.0	4/0
P150	•	•	.00378	97.0	*
•	120	•	.00452	116.0	3/0
P120	•	A160	.00495	127.0	*
•	100	•	.00550	141.0	2/0
P100	•	A200	.00608	156.0	*
•	80	•	.00749	192.0	0
P80	•	•	.00768	197.0	*
P60	•	•	.01014	260.0	*
•	60	•	.01045	268.0	1/2
P50	•	•	.01271	326.0	*
•	50	•	.01369	351.0	1
P40	•	•	.01601	412.0	*
•	40	•	.01669	428.0	1-1/2
P36	•	•	.02044	524.0	*
•	36	•	.02087	535.0	2
P30	•	•	.02426	622.0	*
•	30	•	.02488	638.0	2-1/2
•	24	•	.02789	715.0	3
P24	•	•	.02886	740.0	*

BONDED WHEEL SELECTION GUIDE

GRAIN

- A – Aluminum Oxide: for general purpose use on all metals
- C – Silicon Carbide: for use on stone and masonry applications.

GRIT

- 24 – Coarse: for fast cutting and maximum wheel life
- 30 – Medium/Coarse: for fast cutting and long wheel life
- 36 – Medium/Coarse: excellent for general purpose cutting
- 46 – Fine/Medium: for a smoother finish and reduced burr
- 60 – Fine: for a burr-free cut
- 80 – Fine: for a burr-free cut

GRADE

- TZ – Hard: for maximum wheel life
- R/S – Medium/Hard: for improved stock removal and life
- M/N – Soft: for maximum cut rate

SOFT VS. HARD WHEELS

SOFT

- Shorter wheel life
- High stock removal
- Faster cut
- Large contact areas
- Less bond holding the grain together
- For use on harder metals

HARD

- Longer wheel life
- Lower stock removal
- Slower cut
- Finer finishes
- Small contact areas
- More bond holding the grain together

WHEEL THICKNESS

CUT-OFF WHEELS

- 1/32" = .031"
- 3/64" = .045"
- 1/16" = .063"
- 5/64" = .078"
- 3/32" = .094"
- 1/8" = .125"
- 9/64" = .141"

GRINDING DISCS

- 1/8" = .125"
- 5/32" = .156"
- 1/4" = .250"
- 5/16" = .312"



TERMS AND CONDITIONS

TERMS: Minimum \$100.00 order. Net 30 days from date of invoice. Invoices not paid within terms will be considered delinquent, and any orders will be placed on hold until delinquent invoices are paid.

DELIVERY: Single order shipments to one destination totaling \$300.00 or more will be shipped F.O.B. destination via carrier of our choice, continental U.S. only. Segmented belts - special charges apply. Orders under \$300.00 will be shipped F.O.B. KLINGSPOR Distribution Point, continental U.S. only.

ALASKA & HAWAII SHIPMENTS: Shipments to Alaska or Hawaii will be prepaid only to the point of embarkation within the continental U.S., provided above conditions are met.

NOTE: KLINGSPOR ABRASIVES cannot be held accountable for delays once an order is released to a carrier.

QUANTITY VARIANCE: Because of the nature of the manufacturing process, a ±10% variance will be allowed by the buyer to the manufacturer.

PRICING: All prices in this catalog are subject to correction and change without notice. All computer invoice extensions have been calculated utilizing two decimal places; therefore, there is the possibility that variations, however minor, may occur due to rounding, and shall be allowed by the buyer.

RETURN POLICY: Returns of merchandise will be accepted only with prior return authorization. Your Factory Sales Representative must complete a Return Authorization Form. Custom-sized items cannot be returned. All products authorized for return must be packaged appropriately and returned freight prepaid and in original packaging in re-sellable condition. We are not responsible for items ordered in error or overstocked; if any exceptions are made, a 20% restocking fee will apply. Material is non-refundable after one year.

You must return ALL items for which you request credit.

PRODUCT WARRANTY: KLINGSPOR ABRASIVES, Inc. KLINGSPOR ABRASIVES, Inc. warrants all products to be free from defects for up to one year. If any KLINGSPOR products are found to be defective, buyer's sole and exclusive remedy will be the replacement of any such products or, at KLINGSPOR's option, the refund of buyer's purchase price for said products. In any event, KLINGSPOR shall not be liable for any consequential damages.

What kinds of information do we collect and store?

- We collect information you or your company provide in our credit and customer profiles. Information such as financial, responsible parties, phone, address, credit card information (encrypted and only stored at the credit card processor) are only obtained from the customer submissions.
- Company's purchase history and items purchased.

How do we use the information collected?

- Purchase information is used for purposes of internal analysis and allowing customers to reorder from history on our website(s).
- Financial information provided by companies is used to determine credit worthiness and contact information for marketing and transactional purposes.
- We do not sell any customer information.

How can I manage or delete information about me?

- Right to Know:
Contact us at: CCPA@klingspor.com
- Right to Request Deletion:
Contact us at: CCPA@klingspor.com

Non-Discrimination: We will not discriminate against any user for exercising their rights.

BELT SANDING MATERIAL/ APPLICATION RECOMMENDATION CHART GENERAL GUIDELINES

(call for specific information)

Operation	Metal	Grit	
Abrasive Planing:	Soft Metals: CS 311, CS 416, CS 920, CS 811YY Hard Metals: CS 308, CS 310, CS 412, CS 411, CS 922, CS 811YY	24-40	
Wide Belts:	Primary	Soft Metals: CS 311, CS 416, CS 920 Hard Metals: CS 308, CS 310, CS 412, CS 411, CS 922	40-60
	Intermediate	Soft Metals: CS 311, CS 416, CS 920 Hard Metals: CS 308, CS 310, CS 412, CS 411, CS 922	80-120
	Finish	Soft Metals: CS 311, CS 416 Hard Metals: CS 308, CS 310, CS 412, PS 20, PS 21	120 & Finer
Edge Sanding:	Soft Metals: CS 311, CS 416 Hard Metals: CS 308, CS 310, CS 412, CS 411	80-180	
Stroke Sanding:	Soft Metals: CS 311, CS 922 Hard Metals: CS 308, CS 310, CS 920, CS 631	80-180	
Backstand:	Grinding Finishing	CS 308, CS 310, CS 412, CS 311, CS 411, CS 920, CS 922, CS 811YY LS 309JF, LS 312, CS 922, GX 931, GX 712	24-60 80-400
Portable Belts:		CS 308, CS 310, CS 311, CS 412, CS 411	24-120



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National Glass Association Member



American Welding Society Member



American Clean Power
Association Member



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