

# METALWORKING 2025





Dear KLINGSPOR Customer,

Thank you for your interest in and loyalty to our quality abrasive products for metalworking.

KLINGSPOR began making abrasives in Germany in 1893 and we have sold our products in the USA for over 50 years. KLINGSPOR's name is synonymous with exceptional quality, excellent service, and pricing, proving to provide The Most Sanding Power for Your Money since 1893.

We hope you will take this opportunity to refresh yourself on the KLINGSPOR product line for your processes by reviewing our Metalworking Catalog. You will notice that our list prices are included. Remember that your pricing is based on your purchase volume, so please contact your Factory Sales Representative or our customer relations department for your pricing.

We look forward to a growing relationship with your company and wish you much success and prosperity.

All the best!

A handwritten signature in black ink, appearing to read 'Ch. Klingspor', is positioned below the text 'All the best!'. The signature is fluid and cursive.

Christoph Klingspor  
KLINGSPOR Abrasives, Inc.

*The Most Sanding Power for Your Money Since 1893!®*

<http://www.klingspor.com>



# KLINGSPOR ABRASIVES

## ABRASIVE FLAP DISCS .....4

QUICK CHANGE FLAP DISCS.....	4
ASSORTED FLAP DISCS.....	5-7
TITAN FLAP DISCS.....	8-9
FIBRE DISCS.....	12
QUICK LOCK FIBRE DISCS / BACKING PADS ....	13

## BONDED ABRASIVES .....14

ULTRA-THIN CUT-OFF WHEELS.....	14-15
ASSORTED CUT-OFF WHEELS.....	16-18
ASSORTED GRINDING DISCS.....	20-21

## NON-WOVEN ABRASIVES .....22

NON-WOVEN BELTS.....	22
NON-WOVEN HAND PADS.....	22
NON-WOVEN DISCS.....	23
NON-WOVEN ROLLS.....	23

## QUICK CHANGE DISCS .....24

NON-WOVEN.....	24
QDC (QUICK DISC CONNECT) DISCS.....	25
QRC (QUICK ROLL CONNECT) DISCS.....	26
QMC (QUICK METAL CONNECT) DISCS.....	26
CERAMIC DISCS.....	26
HOLDER PADS.....	26

## ABRASIVE ROLLS.....27

PREMIUM AND ECONOMY CLOTH ROLLS.....	27
WATERPROOF PAPER ROLLS.....	27

## ABRASIVE BELTS .....28

FILE BELTS.....	28
PORTABLE BELTS.....	29
STANDARD & CUSTOM SIZE CLOTH BELTS 30-34	
PAPER BELTS.....	35

## ABRASIVE DISCS.....36

KLING-ON® HOOK AND LOOP DISCS.....	36
PSA DISCS.....	37
DISC ROLLS.....	38

## ABRASIVE SHEETS .....39

STANDARD SIZE SHEETS.....	39
---------------------------	----

## ABRASIVE FLAPWHEELS.....40

SM 611 FLAPWHEELS.....	40
WSM 617 ABRASIVE FLAPWHEELS.....	41
MAC MOP / SPINDLE MOUNTED MAC MOP.....	41
KM 613 SPINDLE MOUNTED FLAPWHEELS.....	41

## SPECIALTY ABRASIVES .....42

SQUARE PADS / CROSS PADS.....	42
CONVOLUTE WHEELS.....	43
UNITIZED WHEELS.....	44-45
FLAP BRUSHES.....	46-47
WIRE WHEELS AND BRUSHES.....	48-50
POWER WHEEL.....	50
CARTRIDGE ROLLS.....	51
MOUNTED POINTS.....	52-53
HEAVY DUTY GRAPHITE ROLLS.....	54
GRAPHITE STICKS.....	54
GREASE STICKS.....	54
BACKING PADS.....	54

## POWER TOOLS.....55

ELECTRIC DYNISHER.....	55
DIE GRINDERS.....	55, 57
DYNAFILE, DYNINGER, DYNASTRAIGHT.....	56, 57

## REFERENCE .....58

GRIT GRADING SYSTEMS.....	58
METAL AND BONDED GUIDE.....	58
TERMS AND CONDITIONS.....	59
BELT SANDING RECOMMENDATIONS.....	59





# 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

## CMT 730 - MULTIBOND ALUMINA ZIRCONIA

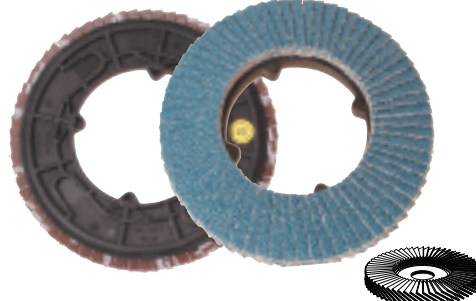
## CMT 728 - ALUMINA ZIRCONIA



Diameter	Grit	Price Per Each
4-1/2"	120	\$7.44
10/Box	80	\$7.44
	60	\$7.44
	40	\$7.44



Diameter	Grit	Price Per Each
4-1/2"	80	\$8.99
10/Box	60	\$8.99
	40	\$8.99



Diameter	Grit	Price Per Each
4-1/2"	120	\$7.73
10/Box	80	\$7.73
	60	\$7.753
	40	\$7.73

## CMT 800 - NON-WOVEN



Diameter	Grit	Price Per Each
4-1/2"	Coarse	\$14.60
5/Box	Medium	\$14.60
	Very Fine	\$14.60

RECOMMENDED RPM 7,000 RPM



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



Place the backing plate on your angle grinder.



The steel CMT backing plate.



CMT backing plate on angle grinder.



4-1/2" BACKING PLATE:  
555CMTBACKPLATE115.....\$8.54



ADJUSTABLE SPANNER WRENCH  
#BPS900001.....\$21.94



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



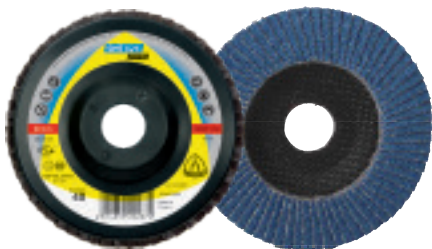
Match the CMT "loading" to the backing plate.



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	Pkg/box	Price
4 1/2"	7/8"	40, 60, 80	80	13,300	10/Box	\$8.78

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

**HIGH AGGRESSION**  
FOR HIGH  
POWERED  
GRINDERS



Dia.	Bore Size	Grit	Vmax in m/s	Max RPM	Pkg/box	Price
4-1/2"	7/8"	36, 40, 50, 60, 80, 120	80	13,300	10/Box	\$6.95
6"	7/8"	40, 60, 80	80	10,500	10/Box	\$12.00
7"	7/8"	36, 40, 60, 80	80	8,500	10/Box	\$14.74

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

### APPLICATIONS:

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

### FLAT



**LONG LIFE FROM**  
UNIQUE FLAP LAYOUT



Dia.	Bore Size	Grit	Vmax in m/s	Max RPM	Pkg/box	Price
4-1/2"	7/8"	24, 36, 40, 60, 80, 120	80	13,300	10/Box	\$6.95
7"	7/8"	24, 36, 40, 50, 60, 80, 120	80	8,500	10/Box	\$14.74

Always use with lock nut flange.



**REDUCED CLOGGING**  
AND LOADING WHEN  
GRINDING ALUMINUM



## 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

Dia.	Bore Size	Grit	Vmax in m/s	Max RPM	Pkg/box	Price
4-1/2"	7/8"	36, 40, 60, 80	80	13,300	10/Box	\$11.53
7"	7/8"	40, 80	80	8,500	10/Box	\$20.24

Always use with lock nut flange.

FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS



**QUICK ON/OFF**  
WITH BUILT-IN  
THREADED HUB



## SMT 940 SPECIAL

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



### 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

### 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	Pkg/box	Price
4-1/2"	5/8" - 11	36, 40, 50, 60, 80	80	13,300	10/Box	\$9.81



**EXTRA THICK**  
FOR LONGER  
LIFE



## SMT 950 SPECIAL

**FLAT (JUMBO)**

Jumbo thickness Alumina Zirconia



### SPECIFICATIONS

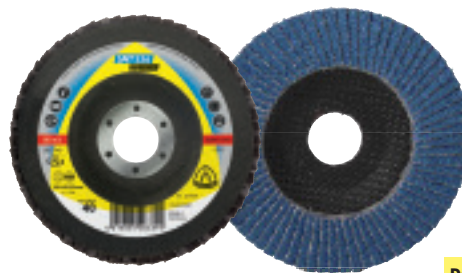
- Jumbo thickness Alumina Zirconia
- 20% more flaps
- Long service life in high-pressure applications
- Flat design allows a wider grinding profile on larger flat surfaces

### 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	Pkg/box	Price
4-1/2"	7/8"	36, 40, 60, 80	80	13,300	10/Box	\$11.22

*Always use with lock nut flange.*



**EXTREME**  
HIGH  
PERFORMANCE



## SMT 926 SPECIAL

**6° CONVEX**



### SPECIFICATIONS

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

### 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	Pkg/box	Price
4-1/2"	7/8"	40, 60, 80	80	13,300	10/Box	\$11.22

*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 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

Diameter	Bore Size	Grit	Vmax in m/s	Max RPM	Pkg/box	Price
4-1/2"	7/8"	40, 60, 80	80	13,300	10/Box	\$11.53

Always use with lock nut flange.



### APPLICATIONS

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

FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS



## 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

Diameter	Bore Size	Grit	Vmax in m/s	Max RPM	Pkg/box	Price
4-1/2"	7/8"	40, 60, 80	80	13,300	10/Box	\$12.11



### APPLICATIONS

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



## 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

Diameter	Bore Size	Grit	Color	Vmax in m/s	Max RPM	Pkg/box	Price
4-1/2"	7/8"	coarse	brown	80	7,000	5/Box	\$19.64
4-1/2"	7/8"	medium	maroon	80	7,000	5/Box	19.64
4-1/2"	7/8"	very fine	green	80	7,000	5/Box	19.64

Always use with lock nut flange.



### APPLICATIONS

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



## SMT 850 SPECIAL

### SPECIFICATIONS

- Combination of coated abrasives 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

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	\$23.67
4-1/2"	7/8"	80 medium	80	7,000	5/Box	\$23.67
4-1/2"	7/8"	120 very fine	80	7,000	5/Box	\$23.67

Always use with lock nut flange.



### APPLICATIONS

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

# 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 go 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.

## 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



## 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**



Diameter	Bore Size	Grit	Price Per Each
4-1/2"	5/8"-11	120	\$11.53
10/Box	5/8"-11	80	\$11.53
	5/8"-11	60	\$11.53
	5/8"-11	40	\$11.53



## 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

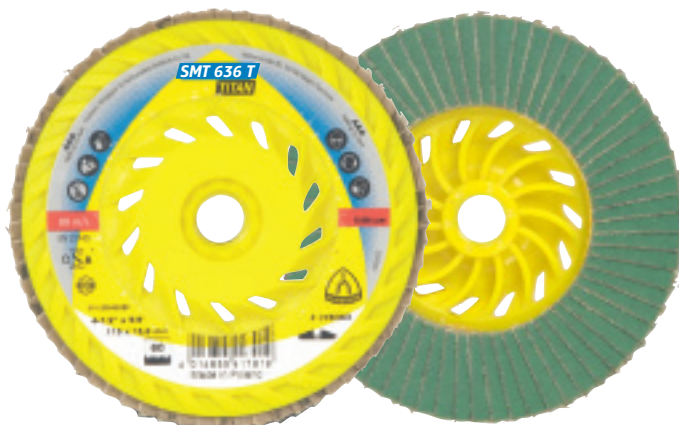
### APPLICATIONS

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



**6° CONVEX**

Diameter	Bore Size	Grit	Price Per Each
4-1/2"	5/8"-11	80	\$11.53
10/Box	5/8"-11	60	\$11.53
	5/8"-11	40	\$11.53





**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	Price Per Each
4-1/2"	5/8"-11	120	Flat	\$6.95
10/Box	5/8"-11	80	Convex or Flat	\$6.95
	5/8"-11	60	Convex or Flat	\$6.95
	5/8"-11	40	Convex or Flat	\$6.95
	5/8"-11	36	Convex	\$6.95



**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	Price Per Each
4-1/2"	5/8"-11	very fine	green	\$19.64
5/Box	5/8"-11	medium	maroon	\$19.64
	5/8"-11	coarse	brown	\$19.64



**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	Price Per Each
4-1/2"	5/8"-11	very fine	green	\$23.67
5/Box	5/8"-11	medium	maroon	\$23.67
	5/8"-11	coarse	brown	\$23.67



**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

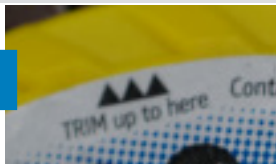
### APPLICATIONS

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

Diameter	Bore Size	Grit	Availability	Price Per Each
4-1/2"	5/8"-11	80		\$12.11
10/Box	5/8"-11	60		12.11
	5/8"-11	40		12.11



SCAN TO WATCH  
**HOW TO TRIM**  
A TITAN WHEEL



## CEVOLUTION



**MAXIMUM RPM: 13,300**

FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS



# 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



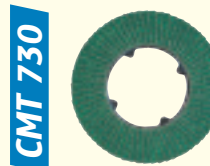
## SPECIAL CMT The ONLY Quick-Change Flap Disc

- 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**



■■■■■■■
■■■■■□
Trimmable Plastic, 5/8" - 11
Aluminum Zirconia + Lube
convex (6°)

FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS


DISCS

SHEETS

FLAPWHEELS


SPECIALTY

POWER TOOLS




## SMT 624 T

**FLAT TITAN**  
**Alumina Zirconia**




■■■■■■■
■■■■■□
Trimmable Plastic, 5/8" - 11
Aluminum Zirconia
flat

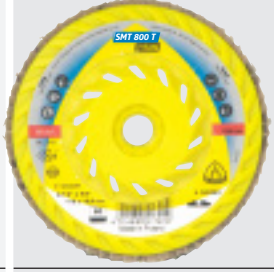


## SMT 624 T

**12° CONVEX TITAN**  
**Alumina Zirconia**




■■■■■■■
■■■■■□
Trimmable Plastic, 5/8" - 11
Aluminum Zirconia
convex (12°)




## SMT 800 T

**12° CONVEX TITAN**  
**Non-Woven**




■■■■■■■
■■■■■□
Trimmable Plastic, 5/8" - 11
Non-Woven
convex (12°)

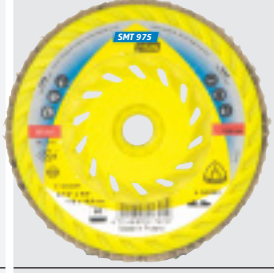


## SMT 850 T

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




■■■■■■■
■■■■■□
Trimmable Plastic, 5/8" - 11
Aluminum Oxide / Non-Woven
convex (12°)




## SMT 975

**6° CONVEX TITAN**




■■■■■■■
■■■■■□
Trimmable Plastic, 5/8" - 11
Newly Developed Ceramic
convex (6°)



## SMT 950 T JUMBO

**TITAN**  
**6° CONVEX**  
**FLAT**



■■■■■■■
■■■■■□
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	\$31.88	\$34.63	\$36.27	N/A	\$39.03	\$40.13	\$50.02
4-1/2" x 7/8"	25	13,300	\$35.18	\$37.94	\$39.03	\$40.66	\$41.76	\$43.42	\$54.43
5" x 7/8"	25	12,200	\$39.03	\$40.67	\$43.42	\$45.07	\$46.18	\$47.82	\$61.56
7" x 7/8"	25	8,600	\$61.56	\$65.41	\$67.06	\$70.90	\$72.56	\$75.30	\$95.09
9" x 7/8"	25	6,600	\$80.80	\$86.29	\$90.69	N/A	\$96.19	\$98.93	\$126.96

## 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	\$43.80	\$46.47	\$48.40	\$52.89	\$55.55
5" x 7/8"	25	8,600	\$55.55	\$58.22	\$60.90	\$66.24	\$69.43
7" x 7/8"	25	6,600	\$77.45	\$81.73	\$83.86	\$91.34	\$94.54

## 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	\$43.80	\$46.47	\$48.50	\$52.89	\$55.55
5" x 7/8"	25	8,600	\$77.45	\$81.73	\$83.86	\$91.34	\$69.43

## FS 966 LUBRICATED CERAMIC FIBRE DISCS

For the optimum in life and grinding consistency, these ceramic aluminum oxide lubed fibre disc 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	\$62.64	\$65.75	\$71.01	\$74.00	\$81.38	\$93.92
5" x 7/8"	25	12,200	\$84.64	\$88.86	\$95.97	\$98.45	\$108.34	\$124.71
7" x 7/8"	25	8,600	\$135.55	\$142.33	\$153.70	\$162.36	\$178.59	\$205.16

## FS 964

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	\$54.45	\$56.36	\$59.16	\$63.83	\$66.61	\$73.24	\$84.53
5" x 7/8"	25	12,200	\$70.45	\$76.18	\$79.98	\$86.43	\$88.62	\$97.31	\$112.26
7" x 7/8"	25	8,600	\$115.90	\$121.98	\$128.08	\$138.38	\$146.15	\$160.72	\$184.62





# 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 QUICK LOCK FIBRE DISCS

PRICE PER BOX

Diameter	Box Qty	Max RPM	80 Grit+	60 Grit	50 Grit	40 Grit	36 Grit	24 Grit	16 Grit
4-1/2"	25	13,300	\$59.29	\$61.95	\$62.99	\$64.68	\$65.77	\$67.40	\$78.27
5"	25	12,200	63.04	65.20	67.41	69.15	70.01	71.75	85.35
7"	25	8,600	85.34	88.05	90.75	93.47	96.19	98.94	118.47
9"	25	6,600	92.00	94.07	104.34		109.75	114.12	150.01

## CS 565 ALUMINA ZIRCONIA QUICK LOCK FIBRE DISCS

## CS 570 LUBRICATED ALUMINA ZIRCONIA

PRICE PER BOX

Diameter	Box Qty	Max RPM	80 Grit	60 Grit	50 Grit	36 Grit	24 Grit
4-1/2"	25	13,300	\$69.02	\$71.75	\$73.92	\$78.27	\$80.98
5"	25	12,200	80.99	83.71	86.41	91.84	95.11
7"	25	8,600	103.27	107.60	109.80	117.39	120.65
9"	25	6,600	190.76	190.76		192.93	195.84

## FS 964 LUBRICATED CERAMIC FIBRE DISCS

PRICE PER BOX

Diameter	Box Qty	Max RPM	80 Grit	60 Grit	50 Grit	40 Grit	36 Grit	24 Grit
4-1/2" x 7/8"	25	13,300	\$78.97	\$81.19	\$85.04	\$88.89	\$97.74	\$112.82
5" x 7/8"	25	12,200	103.76	106.77	115.31	118.31	129.90	149.84
7" x 7/8"	25	8,600	162.84	171.00	181.56	196.21	210.85	242.22

## FS 966 LUBRICATED CERAMIC FIBRE ACT DISCS

PRICE PER BOX

Diameter	Box Qty	Max RPM	80 Grit	60 Grit	50 Grit	40 Grit	36 Grit	24 Grit
4-1/2" x 7/8"	25	13,300	\$86.67	\$87.76	\$94.97	\$98.77	\$105.18	\$117.43
5" x 7/8"	25	12,200	108.43	110.69	119.68	131.45	139.76	148.09
7" x 7/8"	25	8,600	180.66	189.99	198.78	207.58	238.37	273.84



Quick Lock Fibre Discs

## FIBRE DISC BACKING PAD

Diameter	Item #	Max RPM	Price
4-1/2" (5/8" - 11)*	BP001	13,000	\$30.66
4-1/2" (5/8" - 11)*	ST358A-115	13,000	\$30.67
4-1/2" spiralcool	BPS012	13,500	\$55.20
5" (5/8" - 11)*	BP002	12,000	\$36.21
5" (5/8" - 11)*	ST358A-125	12,000	\$36.21
5" spiralcool	BPS011	13,000	\$66.60
7" (5/8" - 11)*	BP003	8,500	\$54.04
7" (5/8" - 11)*	ST358A-180	8,500	\$54.05
7" spiralcool	BPS010	8,600	\$80.63
9" (5/8" - 11)*	BP004	6,600	\$70.01

\*5/8"-11 Lock Nut Included



Standard Pad

Spiral Cool Pad



FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS

# 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	\$5.35
5" x .045" x 7/8"	25	12,200	K960TX1251.022F	\$6.01



**AGGRESSIVE**  
CUTTING IN  
HARD STEELS

## Z 960 TX SPECIAL DEPRESSIONED CENTER & FLAT

### SPECIFICATIONS

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

### 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	\$4.66
5" x .045" x 7/8" TYPE 27	25	12,200	Z960TX1251.022D	\$5.22
4-1/2" x .045" x 7/8"	25	13,300	Z960TX1151.022F	\$4.66
5" x .045" x 7/8"	25	12,200	Z960TX1251.022F	\$5.22



**FAST BURR  
FREE CUTS**

## A 960 TZ SPECIAL DEPRESSIONED CENTER & FLAT

### SPECIFICATIONS

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

### 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	\$4.23
5" x .045" x 7/8" TYPE 27	25	12,200	A960TZ1251.022D	\$4.75
4-1/2" x .045" x 7/8"	25	13,300	A960TZ1151.022F	\$4.23
5" x .045" x 7/8"	25	12,200	A960TZ1251.022F	\$4.75



**BEST MULTI-  
PURPOSE  
CUTTING WHEEL**

## A 946 TZ SPECIAL FLAT

### SPECIFICATIONS

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

### 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	\$4.36
5" x 1/16" x 7/8"	25	12,200	A946TZ1251.622F	\$5.13
6" x 1/16" x 7/8"	25	10,200	A946TZ1501.622F	\$5.36
7" x 1/16" x 7/8"	25	8,500	A946TZ1781.622F	\$6.66
9" x 5/64" x 7/8"	25	6,600	A946TZ2301.922F	\$8.55







**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	■■■■■■■□
Aggression	■■■■■■□□
Service life	■■■■■■■

### Applications:

Steel	●
Stainless Steel	●
Carbon Steel	●
General metal	●

Size	Box Qty	Max RPM	Item#	Price
4" x 1/16" x 5/8"	25	13,300	A46TZ1001.616F	\$3.58
4-1/2" x 1/16" x 7/8" TYPE 27	25	13,300	A46TZ1151.622D	\$3.70
4-1/2" x 1/16" x 7/8"	25	13,300	A46TZ1151.622F	\$3.70
5" x 1/16" x 7/8"	25	12,200	A46TZ1251.622F	\$4.38
6" x 1/16" x 7/8"	25	10,200	A46TZ1501.622F	\$4.54
6" x 1/16" x 7/8" TYPE 27	25	10,200	A46TZ1501.622D	\$4.54
7" x 1/16" x 7/8"	25	8,500	A46TZ1781.622F	\$5.66
7" x 1/16" x 7/8" TYPE 27	25	8,500	A46TZ1781.622D	\$5.66
9" x 5/64" x 7/8"	25	6,600	A46TZ2301.922F	\$7.22
9" x 5/64" x 7/8" TYPE 27	25	6,600	A46TZ2301.922D	\$7.22



## 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	■■■■■■□□
Aggression	■■■■■■□□
Service life	■■■■■■□□

### Applications:

Stainless Steel	●
Steel	●
Carbon Steel	●
General Metal	●

Size	Box Qty	Max RPM	Item#	Price
4" x .045" X 5/8"	25	15,300	A60TZ1001.016F	\$4.21



## 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	■■■■■■□□
Aggression	■■■■■■□□
Service life	■■■■■■□□

### Applications:

Stainless Steel	●
Steel	●
Carbon Steel	●
Sheet Metal	●

Size	Box Qty	Max RPM	Item#	Price
4-1/2" x 1/32" x 7/8" TYPE 27	25	13,300	A980TZ1150.822D	\$4.83
5" x 1/32" x 7/8" TYPE 27	25	12,200	A980TZ1250.822D	\$5.32



**EXCELLENT RESULTS**  
ON NON-FERROUS METALS

## 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	■■■■□□□□
Aggression	■■■■■■□□
Service life	■■■■■■□□

### Applications:

Aluminum	●
Non Ferrous	●
Copper	●
Brass	●

Size	Box Qty	Max RPM	Item#	Price
4-1/2" x .045" x 7/8"	25	13,300	A60N1151.022F	\$4.83
5" x .045" x 7/8"	25	12,200	A60N1251.022F	\$5.32



CHOOSING THE BEST  
**CUT OFF WHEEL**  
FOR YOUR NEEDS

FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS



# Cut-off wheels



## 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#	Price
2" x 3/64" x 1/4"	40	38,200	A660R0501.006F-40	\$3.15
3" x 3/64" x 1/4"	40	25,200	A660R0761.006F-40	\$3.15
3" x 3/64" x 3/8"	40	25,200	A660R0761.010F-40	\$3.15
3" x 1/16" x 1/4"	40	25,200	A660R0761.606F-40	\$3.15
3" x 1/16" x 3/8"	40	25,200	A660R0761.610F-40	\$3.71
A 660 R MANDEL 1/4" & 3/8"	1	N/A	ARBOR1/4-3/8X1/4SL	\$3.71



## A 24 R SUPRA DEPRESSED CENTER & FLAT

### SPECIFICATIONS

- Aluminum Oxide grain
- Soft Bond

### APPLICATIONS

- Steel
- Stainless Steel
- Cast Iron
- Mild Steel

### Properties:

Hardness	■■■■■□□
Aggression	■■■■■□□
Service life	■■■■■□□

### Applications:

Steel	●
Stainless Steel	●
Cast Iron	●
Mild Steel	●

Size	Box Qty	Max RPM	Item#	Price
4-1/2" x 3/32" x 7/8"	25	13,300	A24R1152.522F	\$3.94
6" x 3/32" x 7/8"	25	10,200	A24R1502.522F	\$5.32

FLAT

Size	Box Qty	Max RPM	Item#	Price
4-1/2" x 3/32" x 7/8"	25	13,300	A24R1152.522D	3.94
5" x 3/32" x 7/8"	25	12,200	A24R1252.522D	4.46
7" x 1/8" x 7/8"	25	8,500	A24R1783.022D	5.52
7" x 1/8" x 5/8"-11 hub	10	8,500	A24R1783.022A	8.35
9" x 1/8" x 5/8"-11 hub	10	6,600	A24R1703.022A	12.31

DEPRESSED CENTER

### 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	\$40.96
5" x 7/8"	80 m/s	12,200 rpm	Angle Grinder	\$48.55
9" x 7/8"	80 m/s	6,600 rpm	Angle Grinder	\$107.60



# 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

### Properties:

Hardness	■■■■■□
Aggression	■■■■■□
Service life	■■■■■□

### Applications:

Rail Steel	●
Structural Steel	●
Tool Steel	●

Size	Box Qty	Max RPM	Item#	Price
14" x 5/32" x 1"	10	5,500	A924SX3504.025F	\$26.60
16" x 5/32" x 1"	10	4,800	A924SX4004.025F	\$33.73

\* MAX OPERATING SPEED 100 M/S

**FOR GAS  
POWERED  
SAWS**

**BEST RAIL CUTTING  
WHEEL IN THE INDUSTRY**



## A 924 R SPECIAL FLAT

### SPECIFICATIONS

- Aluminum Oxide grain
- Medium Bond
- Fast Cut

### APPLICATIONS

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

### Properties:

Hardness	■■■■■□
Aggression	■■■■■□
Service life	■■■■■□

### Applications:

Steel	●
Structural Steel	●
Tool Steel	●
Ductile Iron	●

Size	Box Qty	Max RPM	Item#	Price
12" x 9/64" x 20 mm	10	5,100	A924R3003.520F	\$14.04
14" x 5/32" x 20 mm	10	4,400	A924R3504.020F	\$22.59
14" x 5/32" x 1"	10	4,400	A924R3504.025F	\$20.54

**FOR GAS  
POWERED  
SAWS**



## A 24 R SUPRA FLAT

### SPECIFICATIONS

- Aluminum Oxide grain
- Medium Bond
- Fast Cut

### APPLICATIONS

- Steel
- Structural Steel
- Tool Steel

### Properties:

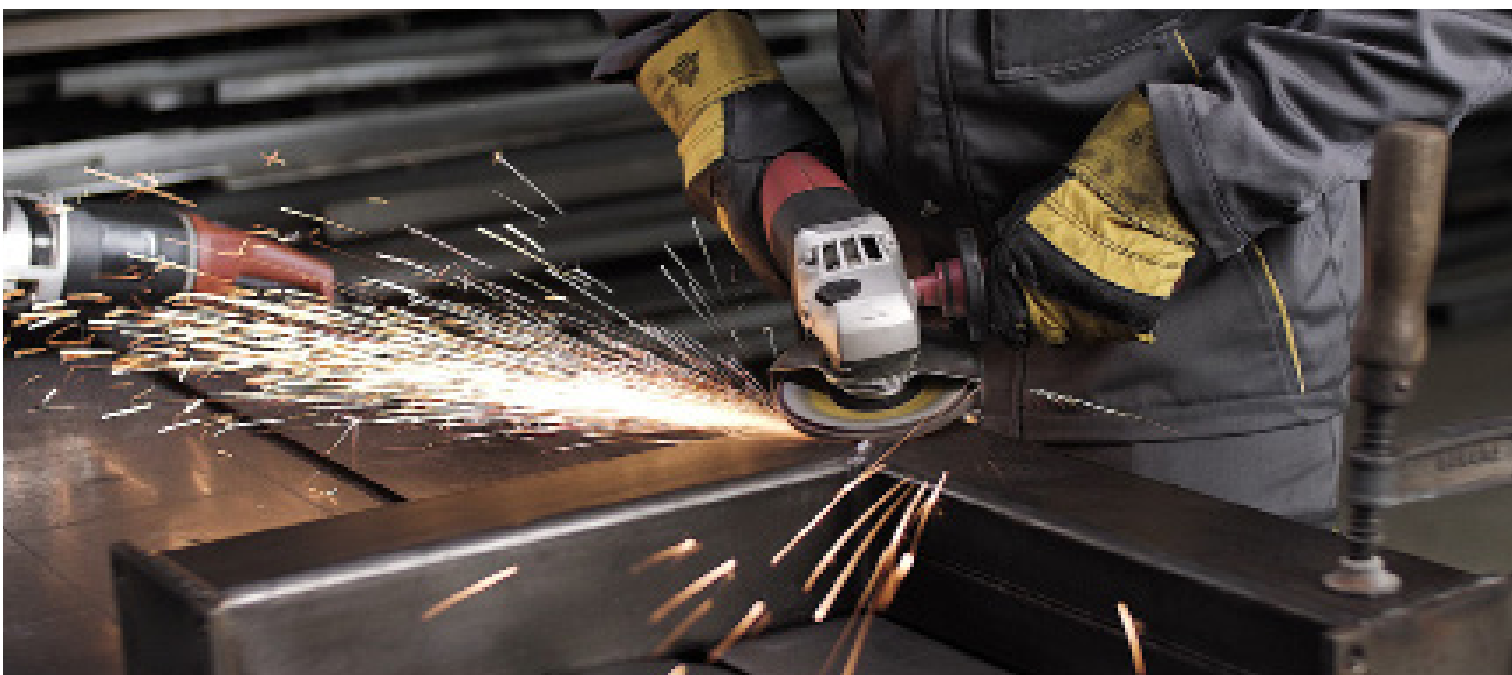
Hardness	■■■■□□
Aggression	■■■■□□
Service life	■■■■□□

### Applications:

Steel	●
Structural Steel	●
Tool Steel	●

Size	Box Qty	Max RPM	Item#	Price
12" x 1/8" x 1"	10	6,400	A24R3003.025F	\$14.24
16" x 3/16" x 1"	10	4,800	A24R4004.025F	\$24.56

**FOR  
STATIONARY  
MACHINES**



FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS

# Cut-off wheels for Low-Powered Chop Saws



## A 330 N EXTRA FLAT

UNIVERSAL WHEEL  
ON SOLID MATERIAL

### SPECIFICATIONS

- Aluminum Oxide grain
- Soft Bond
- Fast Cut

### APPLICATIONS

- Mild Steel
- Steel
- General Metal

Size	Box Qty	Max RPM	Item#	Price
12" x 3/32" x 1"	10	5,100	A330N3002.525F FC	\$14.72
16" x 1/8" x 1"	10	3,800	A330N4003.525F FC	\$22.15

### Properties:

Hardness	■■■■■■■■
Aggression	■■■■■■■■
Service life	■■■■■■■■

### Applications:

Mild Steel	●
Steel	●
General Metal	●



## A 630 N SUPRA FLAT

IDEAL FOR USE  
ON  
**HOLLOW  
MATERIALS**

### SPECIFICATIONS

- Aluminum Oxide grain
- Soft Bond
- Fast Cut

### APPLICATIONS

- Mild Steel
- Steel
- General Metal

Size	Box Qty	Max RPM	Item#	Price
14" x 3/32" x 1"	10	4,400	A630N3502.525F FC	\$12.76

### Properties:

Hardness	■■■■■■■■
Aggression	■■■■■■■■
Service life	■■■■■■■■

### Applications:

Mild Steel	●
Steel	●
General Metal	●



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#	Price
14" x 1/8" x 1"	10	4,400	A930N3503.025F FC	\$16.75

### Properties:

Hardness	■■■■■■■■
Aggression	■■■■■■■■
Service life	■■■■■■■■

### Applications:

Mild Steel	●
Steel	●
General Metal	●



## TS 30 AP SPECIAL DEPRESSED CENTER

### SPECIFICATIONS

- Aluminum Oxide grain
- Medium Bond

### APPLICATIONS

- Pipeline/Root Seams
- Sheet Steel
- Tank Fabrication

Diameter	Grit	Max RPM	Item#	Price
4-1/2" x 1/8" x 7/8"	10	13,300	TS30AP1153.522D	\$4.36
5" x 1/8" x 7/8"	10	12,200	TS30AP1253.522D	\$4.74
6" x 1/8" x 7/8"	10	10,200	TS30AP1503.522D	\$5.13
7" x 1/8" x 7/8"	10	8,600	TS30AP1783.722D	\$6.28

### Properties:

Hardness	■■■■■■■■
Aggression	■■■■■■■■
Service life	■■■■■■■■

### Applications:

Pipeline/Root Seams	●
Sheet Steel	●
Tank Fabrication	●





# Bonded Abrasive Reference

○ Possible Application, ● Ideal Application

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	1/16	●	●	●	●	●	●	○	○	○	○	●	○		
	A 946 TZ SPECIAL	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	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	9/64 - 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 24 R SUPRA	1/4	●	●	●	○	○	○						○		
	A 24 N SUPRA INOX	1/4	○	●	○	●	●	●						○		
	A 624 T SPECIAL	1/4	●	●	●	○	○	○						●		
	A 30 M SPECIAL	1/4	○	●	○	●	●	●						○		
	A 46 N SUPRA	1/4							●	○	○	○	○			

FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS

# Grinding Discs



## A 46 VZ SPECIAL DEPRESSED CENTER

### SPECIFICATIONS

- Aluminum Oxide grain
- Hard Bond

### APPLICATIONS

- Pipeline
- Sheet Steel
- Tank Fabrication
- Thinner Metals

### EXTRA THIN & EFFICIENT FOR CUTTING & GRINDING

#### Properties:

Hardness	■■■■■□
Aggression	■■■■■□
Service life	■■■■■□

#### Applications:

Pipeline	●
Sheet Steel	●
Tank Fabrication	●
Thinner Metals	●

Diameter	Grit	Max RPM	Item#	Price
4-1/2" x 5/64" x 7/8"	25	13,300	A46VZ1152.022D	\$6.72

DUPLEX



## A 24 R SUPRA DEPRESSED CENTER

### SPECIFICATIONS

- Aluminum Oxide grain
- Medium Bond

### APPLICATIONS

- Mild Steel
- Steel
- Structural Steel

#### Properties:

Hardness	■■■■■□□
Aggression	■■■■■□□
Service life	■■■■■□□

#### Applications:

Mild Steel	●
Steel	●
Structural Steel	●

Diameter	Type	Box Qty	Item#	Price
4" x 1/4" x 5/8"	10	13,300	A24R1006.016D	\$5.16
4-1/2" x 3/16" x 7/8"	10	13,300	A24R1154.022D	\$4.57
4-1/2" x 3/16" x 5/8"-11 hub	10	13,300	A24R1154.022A	\$7.15
4-1/2" x 1/4" x 7/8"	10	13,300	A24R1156.022D	\$5.51
4-1/2" x 1/4" x 5/8"-11 hub	10	13,300	A24R1156.022A	\$8.32
5" x 1/4" x 7/8"	10	12,200	A24R1256.022D	\$5.74
5" x 1/4" x 5/8"-11 hub	10	12,200	A24R1256.022A	\$8.56
6" x 1/4" x 7/8"	10	10,200	A24R1506.022D	\$7.26
6" x 1/4" x 5/8"-11 hub	10	10,200	A24R1506.022A	\$10.08
7" x 1/4" x 7/8"	10	8,500	A24R1786.022D	\$9.61
7" x 1/4" x 5/8"-11 hub	10	8,500	A24R1786.022A	\$12.43
7" x 5/16" x 7/8"	10	8,500	A24R1788.022D	\$11.85
9" x 1/4" x 7/8"	10	6,600	A24R2306.022D	\$16.32
9" x 1/4" x 5/8"-11 hub	10	6,600	A24R2306.022A	\$19.11

TOP DISC IN THE  
INDUSTRY ON  
MILD STEEL



## 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#	Price
4-1/2" x 1/4" x 7/8"	10	13,300	A24N1156.022D	\$6.27
4-1/2" x 1/4" x 5/8"-11 hub	10	13,300	A24N1156.022A	\$9.17
5" x 1/4" x 7/8"	10	12,200	A24N1256.022D	\$6.87
7" x 1/4" x 7/8"	10	8,500	A24N1786.022D	\$10.86
7" x 1/4" x 5/8"-11 hub	10	8,500	A24N1786.022A	\$13.76
9" x 1/4" x 7/8"	10	6,600	A24N2306.022D	\$18.34
9" x 1/4" x 5/8"-11 hub	10	6,600	A24N2306.022A	\$21.22

#### Properties:

Hardness	■■■□□□□
Aggression	■■■■■□□
Service life	■■■■■□□□

#### Applications:

Pipeline/Root Seams	●
Sheet Steel	●
Tank Fabrication	●





# Grinding Discs



## A 30 M SPECIAL DEPRESSED CENTER

### SPECIFICATIONS

- Aluminum Oxide grain
- Soft Bond

### APPLICATIONS

- Stainless Steel
- Carbon Steel

Diameter	Box Qty	Max RPM	Item#	Price
4-1/2" x 1/4" x 7/8"	10	13,300	A30M1156.022D	\$8.62
4-1/2" x 1/4" x 5/8"-11 hub	10	13,300	A30M1156.022A	\$11.33
5" x 1/4" x 7/8"	10	12,200	A30M1256.022D	\$9.35
5" x 1/4" x 5/8"-11 hub	10	12,200	A30M1256.022A	\$12.04

Special 2-in1 Wheel for Carbon & Stainless

### Properties:

Hardness	■■■■□□□□
Aggression	■■■■■■■□
Service life	■■■■■■■□

### Applications:

Stainless Steel	●
Carbon Steel	●



## A 624 T SUPRA DEPRESSED CENTER

### SPECIFICATIONS

- Aluminum Oxide grain
- Medium Bond

### APPLICATIONS

- Hardened Steel
- Cast Iron
- Cast Steel

Diameter	Box Qty	Max RPM	Item#	Price
4-1/2" x 1/4" x 7/8"	10	13,300	A624T1156.022D	\$5.21
4-1/2" x 1/4" x 5/8"-11 hub	10	13,300	A624T1156.022A	\$7.68
5" x 1/4" x 7/8"	10	12,200	A624T1256.022D	\$6.05
5" x 1/4" x 5/8"-11 hub	10	12,200	A624T1256.022A	\$8.52
7" x 1/4" x 7/8"	10	8,500	A624T1786.022D	\$10.86
7" x 1/4" x 5/8"-11 hub	10	8,500	A624T1786.022A	\$13.41
9" x 1/4" x 7/8"	10	6,600	A624T2306.022D	\$17.36
9" x 1/4" x 5/8"-11 hub	10	6,600	A624T2306.022A	\$20.17

### 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	Box Qty	Max RPM	Item#	Price
4-1/2" x 1/4" x 7/8"	10	13,300	A46N1156.022D	\$6.09
4-1/2" x 1/4" x 5/8"-11 hub	10	13,300	A46N1156.022A	\$8.91
5" x 1/4" x 7/8"	10	12,200	A46N1256.022D	\$6.68
5" x 1/4" x 5/8"-11 hub	10	12,200	A46N1256.022A	\$9.49
7" x 1/4" x 7/8"	10	8,500	A46N1786.022D	\$10.55
7" x 1/4" x 5/8"-11 hub	10	8,500	A46N1786.022A	\$13.37

### Properties:

Hardness	■■■■■■■□
Aggression	■■■■■■■□
Service life	■■■■■■■□

### Applications:

Aluminum	●
Non-Ferrous	●



FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS

# Non-Woven

## LOW STRETCH SCRIM BACK (NWLS) VS FILE BELT SCRIM BACK (NWXF)

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

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

Material	Coarse	Medium	Very Fine	Super Fine
Color	Brown	Maroon	Blue	Grey
Grain	AO	AO	AO	SiC
Grit	80	180	320	600



### FILE BELTS (NWXF ONLY)

Diameter	Price
1/2" x 18"	\$7.40
1/2" x 20-1/2"	\$7.77
1/2" x 24"	\$9.13
3/4" x 18"	\$10.33
3/4" x 20-1/2"	\$11.08
1" x 18"	\$11.02
1" x 24"	\$12.80
1-1/8" x 21"	\$12.26
1-1/4" x 20-1/2"	\$12.26
1-1/2" x 18-15/16"	\$13.01

### WIDE BELTS (NWLS)

Diameter	Price
19" x 48"	\$221.00
36" x 60"	\$557.74
36" x 75"	\$672.30
37" x 60"	\$584.71
37" x 75"	\$704.97

### BACKSTAND SANDER SIZES (NWLS)

Diameter	Price
2" x 118"	\$59.42
2" x 132"	\$65.39
3" x 118"	\$83.06
3" x 132"	\$91.14
4" x 118"	\$106.80
4" x 132"	\$122.80
4" x 168"	\$150.70

### NOTE: PLEASE ADD 25% FOR SUPERFINE PRICING

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

### SURFACE CONDITIONING HAND PADS

6" x 9" Non-Woven Hand Pads  
Now in new 20 Pack

Use these hand pads as a replacement for steel wool to remove rust or to clean and polish metal surfaces.

Material#	Color	Price
4396	General Purpose	
(NWAG)	Green	\$31.28
4602	Very Fine	
(NWAV)	Maroon	\$40.76
4660	Fine	
(NWAU)	Maroon	\$35.60
4630	Ultra fine	
(NWAU)	Gray	\$40.75
4223	No Abrasive	
(NWAU)	White	\$40.75
4790	Coarse (Extra Cut)	
(NWAX)	Brown	\$79.64
4650	Medium S/C	
(NWAM)	Gray/Black	\$48.77

### PLATEN SANDER SIZES (NWLS)

Diameter	Price
1" x 30"	\$14.57
1" x 42"	\$18.11
1-1/2" x 60"	\$26.39
2" x 30"	\$21.97
2" x 42"	\$27.07
2" x 48"	\$29.62
2" x 60"	\$34.74
2" x 72"	\$39.84
2-1/2" x 60"	\$46.80
3" x 24"	\$27.73
3-1/2" x 15-1/2"	\$31.71
4" x 24"	\$39.10
4" x 36"	\$48.39
6" x 48"	\$80.92

### CUSTOM BELT SIZES AVAILABLE



### HAND PAD HOLDER

uses 1/2 of standard size hand pad ..... \$6.41



**NON-WOVEN**



BROWN = COARSE • MAROON = MEDIUM • BLUE-GRAY = VERY FINE • GREY = SUPER FINE Use Non-Woven Discs to perform a variety of functions including deburring, blending, and cleaning on all metal types.

### SCRIM BACK DISCS (NWSB\*)

Must be used with long hook back up pads

Diameter	Grits	Price
4" x NH 10/Pack	Super Fine	\$39.00
	Very Fine	\$31.08
	Medium	\$31.08
	Coarse	\$31.08
4" x 5/8" 10/Pack	Super Fine	\$33.32
	Very Fine	\$26.65
	Medium	\$26.65
	Coarse	\$26.65
4-1/2" x NH 10/Pack	Super Fine	\$47.97
	Very Fine	\$38.38
	Medium	\$38.38
	Coarse	\$38.38
4-1/2" x 7/8" 10/Pack	Super Fine	\$47.97
	Very Fine	\$38.38
	Medium	\$38.38
	Coarse	\$38.38
5" x NH 10/Pack	Super Fine	\$56.73
	Very Fine	\$45.38
	Medium	\$45.38
	Coarse	\$45.38
5" x 7/8" 10/Pack	Super Fine	\$56.73
	Very Fine	\$45.38
	Medium	\$45.38
	Coarse	\$45.38
6" x NH 10/Pack	Super Fine	\$90.94
	Very Fine	\$62.87
	Medium	\$62.87
	Coarse	\$62.87
7" x NH 10/Pack	Super Fine	\$97.63
	Very Fine	\$78.10
	Medium	\$78.10
	Coarse	\$78.10
7" x 7/8" 10/Pack	Super Fine	\$97.63
	Very Fine	\$78.10
	Medium	\$78.10
	Coarse	\$78.10
8" x NH 10/Pack	Super Fine	\$134.42
	Very Fine	\$107.53
	Medium	\$107.53
	Coarse	\$107.53

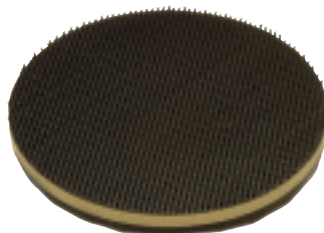
Heavy Duty Scrim Backed Discs are available in Very Fine, Medium, and Coarse. HyperFlex Scrim Backed Discs are available in Super Fine, Very Fine, Medium, and Coarse. Please see corresponding pricing adjacent.



### CLEAN & POLISH - LIGHTWEIGHT (NWK)

Diameter	Grit	Price
5" x NH 10/Pack	Very Fine	\$40.44
	Medium	40.44
	Coarse	40.44
6" x NH 10/Pack	Very Fine	\$57.52
	Medium	\$57.52
	Coarse	\$57.52
8" x NH 10/Pack	Very Fine	\$81.09
	Medium	\$81.09
	Coarse	\$81.09

### 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	\$38.76
4-1/2" (5/8" - 11)	FJ45G	\$39.72
5" (5/8" - 11)	FJ50G	\$40.15
6" (5/8" - 11)	FJ60G	\$41.54
7" (5/8" - 11)	FJ70G	\$44.92
8" (5/8" - 11)	FJ80G	\$44.92

#### PLEASE NOTE BEFORE ORDERING:

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



### HIGH STRENGTH - FOR EDGEWORK

Medium (NWBHS + NWBHD)  
Very Fine (NWBHS)

Diameter	Price
6" x 1/2" 10/Pack	\$42.60
8" x 1/2" 10/Pack	\$60.35

Other sizes available. Call for Availability.

### SURFACE CONDITIONING ROLLS



#### CLEAN & POLISH - LIGHTWEIGHT

Diameter	Grit	Price
4" x 30 Feet	Very Fine S/C	\$78.18
	Medium A/O	\$95.99
	Coarse A/O	\$137.34
6" x 30 Feet	Very Fine S/C	\$116.60
	Medium A/O	\$143.05
	Coarse A/O	\$191.39

FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS

# Non-Woven Scrim Backed Quick Change Discs

## QDC - Scrim Backed

Must be used with KLINGSPOR's Steel Mandrels.

PRICE PER BOX

Diameter	Box Quantity	Very Fine	Medium	Coarse
2"	25	\$56.75	\$56.75	\$56.75
3"	25	\$107.59	\$107.59	\$107.59

## QRC - Scrim Backed

PRICE PER BOX

Diameter	Box Quantity	Very Fine	Medium	Coarse
2"	25	\$56.75	\$56.75	\$56.75
3"	25	\$107.59	\$107.59	\$107.59

## QMC - Scrim Backed

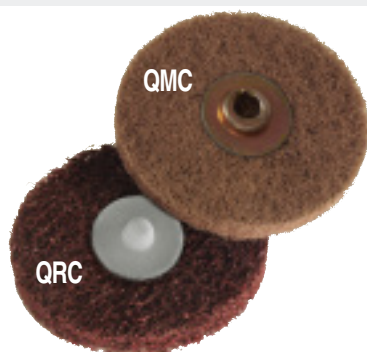
PRICE PER BOX

Diameter	Box Quantity	Very Fine	Medium	Coarse
2"	25	\$56.75	\$56.75	\$56.75
3"	25	\$107.59	\$107.59	\$107.59

## QSC - Scrim Backed

PRICE PER BOX

Diameter	Box Quantity	Very Fine	Medium	Coarse
2"	25	\$56.75	\$56.75	\$56.75
3"	25	\$107.59	\$107.59	\$107.59



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.  
SEE HOLDER PADS CHART ON PAGE 26 FOR THESE RATINGS.

## Non-Woven Buff & Blend

### QRC or QMC - Buff and Blend

PRICE PER BOX

Diameter	Box Quantity	Very Fine	Medium
2"	25	\$56.75	\$56.75
3"	25	\$107.59	\$107.59

## 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
2"	120	30,000	\$2.84
10/Box	80		\$2.76
	60		\$2.76
	40		\$2.76
	36		\$2.76
3"	120	20,000	\$3.38
10/Box	80		\$3.38
	60		\$3.38
	40		\$3.38
	36		\$3.38

### CERAMIC

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



**QUICK CHANGE**



# Quick Change Discs

Quick change discs are staple items in many production shops. They offer instant disc changes and are very effective for general purpose grinding, blending, deburring, and removal of weld beads and flash.

## QDC

### ALUMINUM OXIDE Must be used with KLINGSPOR's Steel Mandrels.

PRICE PER BOX

Diameter	Box Qty	Max RPM	100 & Finer	80 Grit	60 Grit	50 Grit	40 Grit	36 Grit	24 Grit
3/4"	100	30,000	\$71.29	\$71.29	\$73.75	\$75.65	\$78.64	\$80.77	\$84.50
1"	100	30,000	\$71.29	\$71.29	\$73.75	\$75.65	\$78.64	\$80.77	\$84.50
1-1/2"	100	30,000	\$88.51	\$88.51	\$89.69	\$92.64	\$92.64	\$93.53	\$99.37
2"	100	20,000	\$129.62	\$129.62	\$131.29	\$136.53	\$140.28	\$147.37	\$157.93
3"	50	20,000	\$81.05	\$82.84	\$84.70	\$87.09	\$89.86	\$92.60	\$98.87
4"	25	20,000	\$67.88	\$69.39	\$70.94	\$72.93	\$75.25	\$77.55	\$82.80

### ALUMINA ZIRCONIA Must be used with KLINGSPOR's Steel Mandrels.

PRICE PER BOX

Diameter	Box Qty	Max RPM	120 Grit	80 Grit	60 Grit	50 Grit	40 Grit	36 Grit	24 Grit
3/4"	100	30,000	\$85.55	\$85.55	\$88.52	\$90.81	\$94.34	\$96.85	\$101.99
1"	100	30,000	\$85.55	\$85.55	\$88.52	\$90.81	\$94.34	\$97.16	\$101.99
1-1/2"	100	30,000	\$106.16	\$106.16	\$107.64	\$111.18	\$111.18	\$113.53	\$119.37
2"	100	20,000	\$151.83	\$155.52	\$157.52	\$163.86	\$168.32	\$176.85	\$189.87
3"	50	20,000	\$97.27	\$99.40	\$101.64	\$104.48	\$107.84	\$111.08	\$118.27
4"	25	20,000	N/A	\$83.49	\$85.36	\$87.78	\$90.56	\$93.33	\$99.34

### ALUMINA ZIRCONIA - LUBRICATED Must be used with KLINGSPOR's Steel Mandrels.

PRICE PER BOX

Diameter	Box Qty	Max RPM	120 Grit	80 Grit	60 Grit	50 Grit	40 Grit	36 Grit
3/4"	100	30,000	\$102.62	\$102.62	\$106.21	\$108.98	\$113.23	\$116.57
1"	100	30,000	\$102.62	\$102.62	\$106.21	\$108.98	\$113.23	\$116.57
1-1/2"	100	30,000	\$127.46	\$127.46	\$129.23	\$133.67	\$133.46	\$136.26
2"	100	20,000	\$182.94	\$186.67	\$189.07	\$196.63	\$202.01	\$212.22
3"	50	20,000	\$116.68	\$119.30	\$121.99	\$125.35	\$129.41	\$133.32
4"	25	20,000	\$98.03	\$100.18	\$102.44	\$105.34	\$108.70	\$112.00

## KLINGSPOR QDC (Quick Disc Connect) Discs

QDCs are staple items in many production shops. They offer instant disc changes, assurance that the disc is centered and smooth running. All QDCs work well on flat surfaces and most will perform well on contoured surfaces, too.

#### STEEL MANDRELS FOR QDC DISCS - 1/4" SHANK



For 3/4", 1", 1-1/2" QDC Discs  
\$8.45 each

ITEM# SL100MANDREL

For 2", 3", 4" QDC Discs  
\$10.60 each

ITEM# SL101MANDREL

FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS

# QSC (Quick Type "S" Connect) Discs

## QRC (Quick Roll Connect) Discs

## QMC (Quick Metal Connect) Discs

RPM speeds on this product are the same as Holder Pads.

### ALUMINUM OXIDE Must be used with KLINGSPOR's Holder Pads.

PRICE PER BOX

Diameter	Box Qty	100 & Finer	80 Grit	60 Grit	50 Grit	40 Grit	36 Grit	24 Grit
1-1/2"	100	\$88.51	\$88.51	\$89.68	\$92.64	\$92.64	\$93.53	\$99.37
2"	100	\$127.00	\$130.00	\$131.00	\$197.00	\$140.00	\$212.00	\$158.00
3"	50	\$80.98	\$82.84	\$84.69	\$87.09	\$89.85	\$92.60	\$98.86

### ALUMINA ZIRCONIA Must be used with KLINGSPOR's Holder Pads.

PRICE PER BOX

Diameter	Box Qty	100 & Finer	80 Grit	60 Grit	50 Grit	40 Grit	36 Grit	24 Grit
1-1/2"	100	\$106.16	\$106.16	\$107.64	\$111.18	\$111.18	\$113.53	\$119.37
2"	100	\$152.41	\$155.53	\$157.52	\$163.86	\$168.32	\$176.86	\$189.87
3"	50	\$97.26	\$99.40	\$101.65	\$104.48	\$107.84	\$111.08	\$118.27

### ALUMINA ZIRCONIA - LUBRICATED Must be used with KLINGSPOR's Holder Pads.

PRICE PER BOX

Diameter	Box Qty	120 Grit	80 Grit	60 Grit	50 Grit	40 Grit	36 Grit
2"	100	\$174.54	\$181.61	\$189.07	\$196.63	\$202.02	\$212.22
3"	50	\$111.63	\$115.99	\$121.57	\$125.36	\$129.34	\$133.32

## Ceramic Quick Change Discs

### Ceramic

### Available in QDC, QRC, QSC and QMC

QDC Must be used with KLINGSPOR's Steel Mandrels.

PRICE PER BOX

Diameter	Box Qty	100+ Grit	80 Grit	60 Grit	50 Grit	40 Grit	36 Grit
2"	100	\$172.53	\$181.60	\$189.07	\$196.63	\$202.02	N/A
3"	50	\$110.34	\$116.00	\$121.58	\$125.36	\$129.40	\$133.32

## Ceramic Lubricated

### Available in QDC, QRC, QSC and QMC

QDC Must be used with KLINGSPOR's Steel Mandrels.

PRICE PER BOX

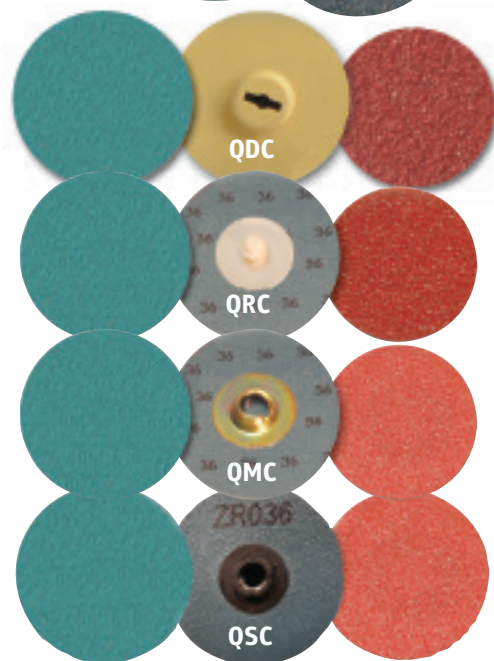
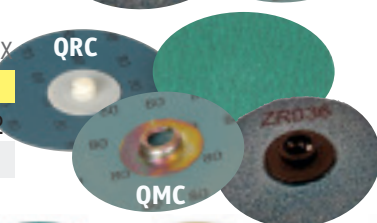
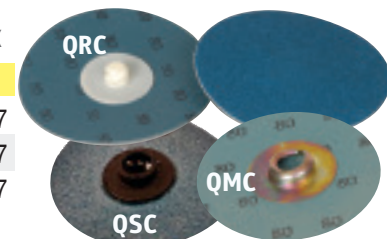
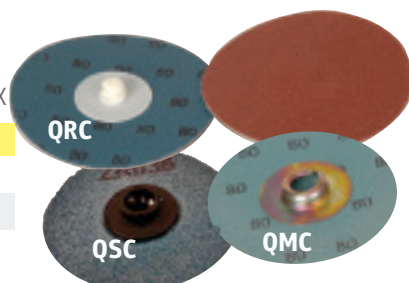
Diameter	Box Qty	100+ Grit	80 Grit	60 Grit	50 Grit	40 Grit	24 Grit
2"	100	\$181.62	\$190.76	\$196.63	\$204.45	\$212.23	\$233.48
3"	50	\$115.83	\$121.57	\$125.34	\$129.35	\$133.32	\$146.64

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.

## Holder Pads FOR QRC, QSC & QMC DISCS

PRICE PER HOLDER

Disc Diameter	Density	Max RPM	QRC #	Price
1-1/2"	Medium	25,000	(QM) (QR) HOLDER1.5MED	\$20.90
1-1/2"	Firm	30,000	(QM) (QR) HOLDER1.5FIRM	\$20.90
2"	Medium	25,000	(QM) (QR) HOLDER2.0MED	\$21.72
2"	Firm	30,000	(QM) (QR) HOLDER2.0FIRM	\$21.72
3"	Medium	20,000	(QM) (QR) HOLDER3.0MED	\$25.34
3"	Firm	20,000	(QM) (QR) HOLDER3.0FIRM	\$25.34





# 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	Price Per Roll
1"	100+	\$59.83
	80	\$62.69
	60	\$73.21
	50	\$78.71
	40	\$84.18
1-1/2"	100+	\$84.51
	80	\$86.95
	60	\$104.24
	50	\$110.51
	40	\$117.30
2"	100+	\$106.99
	80	\$112.34
	60	\$134.43
	50	\$150.32
	40	\$156.33
3"	100+	\$157.59
	80	\$165.89
	60	\$179.12
	50	\$192.39
	40	\$207.30
4"	100+	\$210.08
	80	\$221.15
	60	\$238.86
	50	\$256.50
	40	\$276.43
6"	100+	\$315.54
	80	\$332.13
	60	\$358.72
	50	\$385.28
	40	\$415.20

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	Price Per Roll
1"	100+	\$144.33
	80	\$150.34
	60	\$164.92
	50	\$174.02
	40	\$185.53
2"	36	\$200.05
	100+	\$277.11
	80	\$291.61
	60	\$315.27
	50	\$335.90
3"	40	\$359.56
	36	\$386.24
	100+	\$406.82
	80	\$430.49
	60	\$468.69
4"	50	\$484.33
	40	\$533.53
	36	\$574.79
	100+	\$539.02
	80	\$571.74
5"	60	\$618.43
	50	\$663.30
	40	\$706.99
	36	\$763.36
	100+	\$671.82
6"	80	\$709.00
	60	\$771.81
	50	\$793.18
	40	\$825.19
	36	\$883.98
6"	100+	\$804.59
	80	\$851.86
	60	\$922.21
	50	\$987.07
	40	\$1,058.03
6"	36	\$1,137.43

### 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
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

\* 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

FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS

## 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, 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 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	Price Per Box
* 1/8" x 12", 1/4" x 12", 1/2" x 12" 10/Box	100+	\$15.59
	80	\$15.59
	60	\$15.59
	50	\$15.59
	40	\$15.59
* 1/8" x 18", 1/4" x 18", 1/2" x 18" 10/Box	100+	\$17.27
	80	\$17.27
	60	\$17.27
	50	\$17.27
	40	\$17.27
1/4" x 20 1/2", 1/2" x 20-1/2" 10/Box	100+	\$18.97
	80	\$18.97
	60	\$18.97
	50	\$18.97
	40	\$18.97
* 1/8" x 24", 1/4" x 24", 1/2" x 24" 10/Box	100+	\$20.72
	80	\$20.72
	60	\$20.72
	50	\$20.72
	40	\$20.72
1/4" x 30", 1/2" x 30" 10/Box	100+	\$22.44
	80	\$22.44
	60	\$22.44
	50	\$22.44
	40	\$22.44
3/8" x 13" 10/Box	100+	\$16.79
	80	\$16.79
	60	\$16.79
	50	\$16.79
	40	\$16.79
5/8" x 18", 3/4" x 18" 10/Box	100+	\$20.95
	80	\$20.95
	60	\$20.95
	50	\$20.95
	40	\$20.95
5/8" x 20-1/2", 3/4" x 20-1/2" 10/Box	100+	\$22.44
	80	\$22.44
	60	\$22.44
	50	\$22.44
	40	\$22.44
5/8" x 24", 3/4" x 24" 10/Box	100+	\$24.12
	80	\$24.12
	60	\$24.12
	50	\$24.12
	40	\$24.12

## 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:** 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	Price Per Box
* 1/8" x 12", 1/4" x 12", 1/2" x 12" 10/Box	100+	\$20.72
	80	\$20.72
	60	\$20.72
	50	\$20.72
	40	\$20.72
* 1/8" x 18", 1/4" x 18", 1/2" x 18" 10/Box	100+	\$22.44
	80	\$22.44
	60	\$22.44
	50	\$22.44
	40	\$22.44
1/4" x 20-1/2", 1/2" x 20-1/2" 10/Box	100+	\$24.39
	80	\$24.39
	60	\$24.39
	50	\$24.39
	40	\$24.39
* 1/8" x 24", 1/4" x 24", 1/2" x 24" 10/Box	100+	\$25.81
	80	\$25.81
	60	\$25.81
	50	\$25.81
	40	\$25.81
1/4" x 30", 1/2" x 30" 10/Box	100+	\$27.51
	80	\$27.51
	60	\$27.51
	50	\$27.51
	40	\$27.51
3/8" x 13" 10/Box	100+	\$21.96
	80	\$21.96
	60	\$21.96
	50	\$21.96
	40	\$21.96
5/8" x 18", 3/4" x 18" 10/Box	100+	\$25.05
	80	\$25.05
	60	\$25.05
	50	\$25.05
	40	\$25.05
5/8" x 20 1/2", 3/4" x 20-1/2" 10/Box	100+	\$27.00
	80	\$27.00
	60	\$27.00
	50	\$27.00
	40	\$27.00
5/8" x 24", 3/4" x 24" 10/Box	100+	\$29.24
	80	\$29.24
	60	\$29.24
	50	\$29.24
	40	\$29.24

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



## 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	Price Per Box
1/4" x 18", 1/2" x 18" 10/Box	180-100	\$25.80
	80	\$25.80
	60	\$25.80
	50	\$25.80
	40	\$25.80
1/4" x 20-1/2", 1/2" x 20-1/2" 10/Box	36	\$25.80
	100+	\$28.06
	80	\$28.06
	60	\$28.06
	50	\$28.06
1/4" x 24", 1/2" x 24" 10/Box	40	\$28.06
	36	\$28.06
	100+	\$29.73
	80	\$29.73
	60	\$29.73
5/8" x 18", 3/4" x 18" 10/Box	50	\$29.73
	40	\$29.73
	36	\$29.73
	100+	\$28.85
	80	\$28.85
5/8" x 24", 3/4" x 24" 10/Box	60	\$28.85
	50	\$28.85
	40	\$28.85
	100+	\$33.59
	80	\$33.59
	60	\$33.59
	50	\$33.59
	40	\$33.59





# Portable Belts

## 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.

## 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.

Belt Size	Grit	Box Price
1" x 42"	100+	\$38.17
10/Box	80	\$38.64
	60	\$40.84
5/Box	40	\$21.18
2" x 48"	100+	\$56.09
10/Box	80	\$57.71
	60	\$60.73
5/Box	40	\$32.80
3" x 18"	100+	\$26.54
10/Box	80	\$27.69
	60	\$28.16
5/Box	40	\$15.02

Belt Size	Grit	Box Price
3" x 21"	100+	\$27.92
10/Box	80	\$28.41
	60	\$29.54
5/Box	40	\$15.83
3" x 24"	100+	\$29.32
10/Box	80	\$30.05
	60	\$31.39
5/Box	40	\$16.88
4" x 21"	100+	\$73.55
10/Box	80	\$75.20
	60	\$77.74
5/Box	40	\$41.19

Belt Size	Grit	Box Price
4" x 24"	100+	\$37.24
10/Box	80	\$37.71
	60	\$39.33
5/Box	40	\$20.94
4" x 36"	100+	\$93.56
10/Box	80	\$96.35
	60	\$100.52
5/Box	40	\$54.22
6" x 48"	100+	\$164.30
10/Box	80	\$169.87
	60	\$178.25
5/Box	40	\$97.16

Belt Size	Grit	Box Price
1" x 42"	100+	\$24.55
10/Box	80	\$25.05
	60	\$26.03
	50	\$26.75
5/Box	40	\$13.87
2" x 48"	100+	\$38.80
10/Box	80	\$40.03
	60	\$41.76
	50	\$43.70
5/Box	40	\$22.72
3" x 18"	100+	\$25.46
10/Box	80	\$26.57
	60	\$27.02
	50	\$28.13
5/Box	40	\$14.41

Belt Size	Grit	Box Price
3" x 21"	100+	\$26.78
10/Box	80	\$27.26
	60	\$28.35
	50	\$29.03
5/Box	40	\$15.18
3" x 24"	100+	\$28.13
10/Box	80	\$28.83
	60	\$30.14
	50	\$31.90
5/Box	40	\$16.19
4" x 21"	100+	\$40.03
10/Box	80	\$40.51
	60	\$41.99
	50	\$43.46
5/Box	40	\$17.58

Belt Size	Grit	Box Price
4" x 24"	100+	\$35.73
10/Box	80	\$36.19
	60	\$37.73
	50	\$39.28
5/Box	40	\$20.09
4" x 36"	100+	\$52.07
10/Box	80	\$54.03
	60	\$55.98
	50	\$58.44
5/Box	40	\$30.20
6" x 48"	100+	\$102.89
10/Box	80	\$106.82
	60	\$111.72
	50	\$117.13
5/Box	40	\$61.02

Size	Grit/Item#	Box Price
3" x 18"	411120X03001804	\$61.10
10/Box	411080X03001804	\$63.10
	411060X03001804	\$65.80
5/Box	411040X03001804	\$22.83
	411036X03001804	\$24.67
	411024X03001804	\$26.64
3" x 21"	411120Y03002104	\$44.21
10/Box	411080Y03002104	\$45.38
	411060Y03002104	\$47.47
5/Box	411040Y03002104	\$25.35
	411036Y03002104	\$27.40
	411024Y03002104	\$29.59

Size	Grit/Item#	Box Price
3" x 24"	120	\$47.24
10/Box	80	\$48.64
	60	\$50.96
5/Box	40	\$27.35
	36	\$29.54
	24	\$31.91

Size	Grit/Item#	Box Price
4" x 24"	120	\$77.49
10/Box	80	\$79.59
	60	\$82.37
5/Box	40	\$43.75
	36	\$47.26
	24	\$51.04

FLAP DISCS  
FIBRE DISCS  
BONDED  
NON-WOVEN  
QUICK CHANGE  
ROLLS  
BELTS  
DISCS  
SHEETS  
FLAPWHEELS  
SPECIALTY  
POWER TOOLS

# 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 corporates 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

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

(1,2) \$0.3946 x 24" = \$10.9464

(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	Price
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
1"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	
2"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	
3"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	
4"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	
5"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	
6"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	
7"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	
8"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	

Width	Grit
9"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	
12"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	
14"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	
19"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	
25"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	
30"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	
36"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	
38"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	

Width	Grit
42"	40
	36
	24
	Joining Charge
	100+
	80
	60
50"	50
	40
	36
	24
	Joining Charge
	100+
	80
51"	60
	50
	40
	36
	24
	Joining Charge
	100+
52"	80
	60
	50
	40
	36
	24
	Joining Charge
53"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	
54"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	
60"	100+
	80
	60
	50
	40
	36
	24
Joining Charge	

FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS

# 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.

**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	Price Per Belt
1" x 18"	100+	\$4.20
	80	\$4.09
	60	\$4.31
	50	\$4.39
	40	\$4.41
	36	\$4.51
	24	\$4.67
1" x 21"	100+	\$4.34
	80	\$4.39
	60	\$4.48
	50	\$4.54
	40	\$4.64
	36	\$4.71
	24	\$4.93
1" x 24"	100+	\$4.48
	80	\$4.51
	60	\$4.64
	50	\$4.76
	40	\$4.86
	36	\$4.93
	24	\$5.03
1" x 30"	100+	\$4.78
	80	\$4.84
	60	\$4.97
	50	\$5.10
	40	\$5.21
	36	\$5.35
	24	\$5.64
1-1/8" x 21"	100+	\$4.56
	80	\$4.64
	60	\$4.76
	50	\$4.86
	40	\$4.96
	36	\$5.10
	24	\$5.25
1" x 72"	100+	\$6.89
	80	\$7.00
	60	\$7.39
	50	\$7.73

Belt Size	Grit	Price Per Belt
1" x 72"	40	\$7.93
	36	\$8.28
	24	\$8.93
1" x 132"	100+	\$9.93
	80	\$10.17
	60	\$10.83
	50	\$11.31
	40	\$11.85
	36	\$12.48
	24	\$13.73
2" x 42"	100+	\$6.70
	80	\$7.49
	60	\$7.91
	50	\$8.23
	40	\$8.53
	36	\$8.92
	24	\$9.75
2" x 48"	100+	\$7.86
	80	\$8.21
	60	\$8.55
	50	\$8.86
	40	\$9.31
	36	\$9.71
	24	\$10.68
2" x 72"	100+	\$10.19
	80	\$10.63
	60	\$11.21
	50	\$11.73
	40	\$12.33
	36	\$13.00
	24	\$14.40
2" x 118"	100+	\$14.71
	80	\$15.29
	60	\$16.27
	50	\$17.16
	40	\$18.10
	36	\$19.14
	24	\$21.51

Belt Size	Grit	Price Per Belt
2" x 132"	100+	\$16.02
	80	\$16.70
	60	\$17.79
	50	\$18.26
	40	\$19.85
	36	\$21.04
	24	\$25.16
3" x 21"	100+	\$7.81
	80	\$7.99
	60	\$8.28
	50	\$8.53
	40	\$8.79
	36	\$9.17
	24	\$9.68
3" x 24"	100+	\$8.27
	80	\$8.42
	60	\$8.80
	50	\$9.00
	40	\$9.24
	36	\$9.66
	24	\$10.39
3" x 118"	100+	\$21.65
	80	\$22.60
	60	\$24.18
	50	\$25.46
	40	\$26.88
	36	\$28.55
	24	\$32.02
3" x 132"	100+	\$23.59
	80	\$24.70
	60	\$26.48
	50	\$27.80
	40	\$29.47
	36	\$31.37
	24	\$35.18
3-1/2" x 15-1/2"	100+	\$8.68
	80	\$8.85
	60	\$9.09

Belt Size	Grit	Price Per Belt
3-1/2" x 15-1/2"	50	\$9.32
	40	\$9.60
	36	\$9.85
	24	\$10.41
4" x 21"	100+	\$10.39
	80	\$10.64
	60	\$10.99
	50	\$11.31
	40	\$11.69
4" x 24"	100+	\$10.98
	80	\$11.26
	60	\$11.64
	50	\$12.00
4" x 36"	100+	\$13.18
	80	\$13.68
	60	\$14.27
	50	\$14.81
	40	\$15.34
4" x 54"	100+	\$16.60
	80	\$17.23
	60	\$18.10
	50	\$18.95
	40	\$19.77
4" x 60"	100+	\$17.75
	80	\$18.45
	60	\$19.41
	50	\$20.37
	40	\$21.29
	36	\$22.45
	24	\$24.73



# Cloth Belts - Standard Size

Belt Size	Grit	Price Per Belt
4" x 84"	100+	\$22.28
	80	\$23.28
	60	\$24.62
	50	\$25.92
	40	\$27.19
	36	\$28.85
	24	\$32.05
4" x 118"	100+	\$28.65
	80	\$30.08
	60	\$31.96
	50	\$33.86
	40	\$35.67
	36	\$37.90
	24	\$42.36
4" x 132"	100+	\$31.30
	80	\$32.92
	60	\$34.94
	50	\$37.06
	40	\$39.08
	36	\$41.65
	24	\$46.69

Belt Size	Grit	Price Per Belt
4" x 168"	100+	\$46.69
	80	\$38.08
	60	\$40.12
	50	\$42.79
	40	\$45.42
	36	\$48.00
	24	\$51.26
6" x 48"	100+	\$58.33
	80	\$23.17
	60	\$24.00
	50	\$25.17
	40	\$26.28
	36	\$27.40
	24	\$28.77
6" x 89"	100+	\$31.51
	80	\$34.71
	60	\$36.19
	50	\$38.40
	40	\$40.44
	36	\$42.62
	24	\$45.07

Belt Size	Grit	Price Per Belt
6" x 108"	100+	\$50.12
	80	\$40.03
	60	\$41.86
	50	\$44.54
	40	\$47.00
	36	\$49.66
	24	\$52.67
6" x 132"	100+	\$58.83
	80	\$46.77
	60	\$49.05
	50	\$52.26
	40	\$55.26
	36	\$57.06
	24	\$60.68
6" x 294"	100+	\$70.25
	80	\$92.33
	60	\$97.30
	50	\$104.52
	40	\$111.23
	36	\$118.44
	24	\$126.65

Belt Size	Grit	Price Per Belt
6" x 306"	100+	\$143.35
	80	\$95.72
	60	\$100.88
	50	\$108.37
	40	\$115.36
	36	\$122.88
	24	\$131.37
		\$148.90

## 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	Price Per Belt
4" x 376"	100+	\$1.28
	80	\$1.38
6" x 274"	100+	\$1.44
	80	\$1.55
6" x 288"	100+	\$1.50
	80	\$1.62
6" x 298"	100+	\$1.54
	80	\$1.66
6" x 328"	100+	\$1.67
	80	\$1.80
6" x 330"	100+	\$1.68
	80	\$1.81
6" x 335"	100+	\$1.70
	80	\$1.83
6" x 376"	100+	\$1.87
	80	\$2.02
6" x 396"	100+	\$1.96
	80	\$2.11

**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 10% to final price  
\*\*\* Add 20% to final price  
\*\*\*\* Add 40% to final price  
† Add 45% to final price

## JOINT RECOMMENDATIONS FOR PAPER BELTS

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

**PS 27W:** Silicon Carbide, open coat steatrated 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

FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

# Cloth Belts – Custom Sizes

**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, 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.

**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 16% to price shown

Belt Size	Grit	Price Per Belt
25" x 48"	100+	\$75.50
	80	\$77.95
	60	\$81.85
	50	\$85.25
	40	\$89.05
	36	\$93.37
	24	\$102.14
25" x 60"	100+	\$86.18
	80	\$89.29
	60	\$94.14
	50	\$98.40
	40	\$103.14
	36	\$108.58
	24	\$119.50
25" x 75"	100+	\$99.55
	80	\$103.46
	60	\$109.48
	50	\$114.87
	40	\$120.74
	36	\$127.54
	24	\$141.22

Belt Size	Grit	Price Per Belt
30" x 103"	100+	\$148.91
	80	\$155.39
	60	\$165.35
	50	\$174.20
	40	\$183.77
	36	\$195.18
	24	\$217.47
36" x 60"	100+	\$123.44
	80	\$127.99
	60	\$134.94
	50	\$141.10
	40	\$147.93
	36	\$155.77
	24	\$171.48
36" x 75"	100+	\$142.56
	80	\$148.22
	60	\$156.91
	50	\$164.62
	40	\$173.16
	36	\$182.97
	24	\$202.59

Belt Size	Grit	Price Per Belt
37" x 60"	100+	\$130.29
	80	\$135.06
	60	\$142.44
	50	\$148.97
	40	\$156.11
	36	\$164.43
	24	\$180.98
37" x 75"	100+	\$150.42
	80	\$156.44
	60	\$165.61
	50	\$173.77
	40	\$182.70
	36	\$193.12
	24	\$213.83
43" x 75"	100+	\$173.93
	80	\$180.79
	60	\$191.43
	50	\$200.89
	40	\$211.11
	36	\$223.37
	24	\$247.30

Belt Size	Grit	Price Per Belt
50" x 103"	100+	\$246.73
	80	\$257.59
	60	\$274.15
	50	\$288.93
	40	\$305.15
	36	\$323.86
	24	\$361.29
52" x 75"	100+	\$213.12
	80	\$221.64
	60	\$234.66
	50	\$246.31
	40	\$259.05
	36	\$273.76
	24	\$303.21
52" x 103"	100+	\$266.39
	80	\$278.03
	60	\$295.91
	50	\$311.96
	40	\$329.37
	36	\$349.62
	24	\$389.98



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 appli-

cations, 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 steared 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

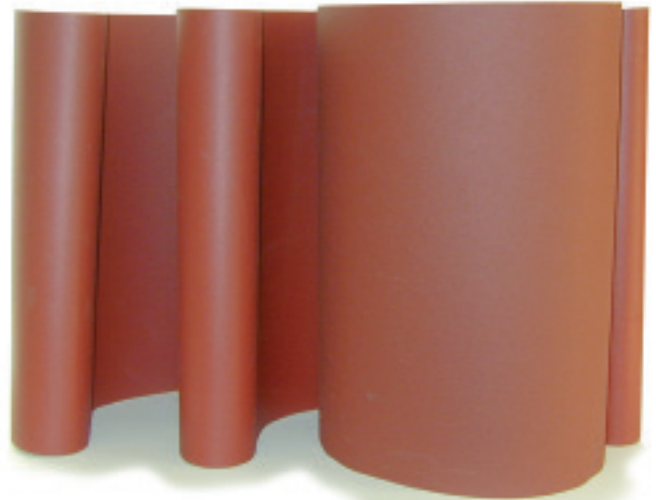
coat, resin-resin bond, F-weight paper material. Works well in any application where loading is a problem on soft woods or mix of hard and soft wood.

**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 10% to final price  
\*\*\* Add 20% to final price  
\*\*\*\* Add 40% to final price  
† Add 50% to final price

Width	Grit	Price Per Belt
19" x 48"	100+	\$54.06
	80	\$56.15
24" x 55"	100+	\$70.27
	80	\$73.24
24" x 60"	100+	\$73.04
	80	\$65.05
24" x 84"	100+	\$86.30
	80	\$68.99
25" x 48"	100+	\$67.22
	80	\$60.51
25" x 60"	100+	\$63.86
	80	\$66.78
25" x 75"	100+	\$82.36
	80	\$86.62
30" x 103"	100+	\$96.54
	80	\$102.38
36" x 60"	100+	\$88.72
	80	\$92.75
36" x 75"	100+	\$98.18
	80	\$103.29

Width	Grit	Price Per Belt
37" x 60"	100+	\$95.03
	80	\$99.42
37" x 75"	100+	\$105.41
	80	\$110.87
43" x 75"	100+	\$121.92
	80	\$128.08
50" x 103"	100+	\$163.47
	80	\$173.14
52" x 75"	100+	\$149.12
	80	\$156.76
52" x 103"	100+	\$176.40
	80	\$186.76
62" x 103"	100+	\$202.08
	80	\$214.03
64" x 103"	100+	\$208.44
	80	\$220.91



FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS



KLINGSPOR  
**WIDE**  
BELTS

# Kling-On Discs

## FP 77 GREEN TEC ALUMINUM OXIDE FILM



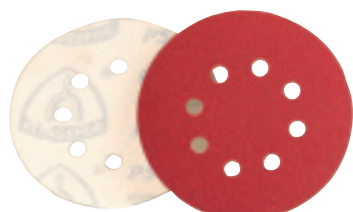
Aluminum Oxide on a 3 mil poly film in grits 320-2000. KLINGSPOR's proprietary coating technology makes this product the perfect choice when loading is an issue. Available in discs, sheets and rolls. FP 77 is waterproof. [Semi-Open Coat](#)

Diameter	Grit	Price Per Box
5"	80 - 2000	\$91.08
100/Box		
6"	320 - 2000	113.50
100/Box		



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	Price Per Box
5"	100+	\$101.66
50/Box	80	\$106.83
	60	\$109.69
6"	100+	\$143.59
50/Box	80	\$153.92
	60	\$162.53

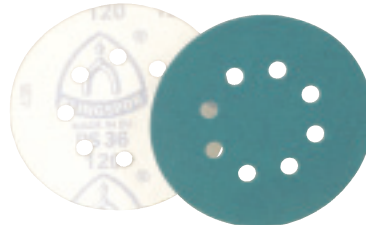
## PS 33 ALUMINUM OXIDE STEARATE PAPER



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

Diameter	Grit	Price Per Box
4"	60	\$67.05
100/Box	40	\$75.46
4-1/2"	60	\$67.05
100/Box	40	\$75.46
5"	60	\$67.05
100/Box	40	\$75.46
6"	60	\$86.59
100/Box	40	\$112.83
8"	60	\$76.96
50/Box	40	\$99.65
11"	60	\$151.50
25/Box	40	\$162.84

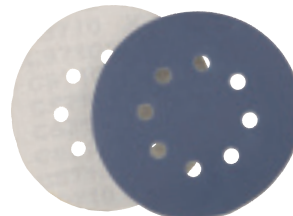
## PS 36 ALUMINA ZIRCONIA STEARATE PAPER



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	Grit	Price Per Box
5"	100+	\$72.13
100/Box	80	\$75.59
	60	\$75.59
	40	\$75.59
6"	100+	\$94.47
100/Box	80	\$98.88
	60	\$98.88
	40	\$98.88

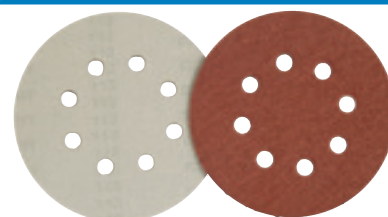
## CS 710 XF HEAT TREATED ALUMINUM OXIDE CLOTH



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

Diameter	Grit	Price Per Box
5"	100-180, 240	\$134.37
50/Box	80	\$145.51
6"	100-180, 240	\$187.93
50/Box	80	\$201.64

## 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	Price Per Box
5"	60	\$150.97
50/Box	40	\$172.11
	36	\$182.60
	24	\$206.51
6"	60	\$209.20
50/Box	40	\$240.96
	36	\$256.81
	24	\$291.08

**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	Price Per Box
5"	100+	\$58.65
	100/Box	80
	60	\$61.47
	40	\$61.47
6"	100+	\$76.86
	100/Box	80
	60	\$80.46
	40	\$80.46
8"	100+	\$68.00
	50/Box	80
	60	\$71.44
	40	\$71.44

## 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	Price Per Box
5"	100+	\$66.69
	100/Box	80
6"	100+	\$87.36
	100/Box	80
8"	100+	\$77.32
	50/Box	80

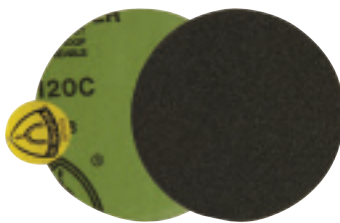
## PS 21 ALUMINA ZIRCONIA F WEIGHT PAPER



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

Diameter	Grit	Price Per Box
5"	100+	\$144.17
	100/Box	80
	60	\$150.72
	50/Box	40
6"	100+	\$209.64
	100/Box	80
	60	\$219.50
	50/Box	40
8"	100+	\$191.74
	50/Box	80
	60	\$203.17
	40	\$203.17

## 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	Price Per Box
5"	220A+	\$97.45
	100/Box	180
	150	102.62
	120	108.31
	100	113.79
	80	124.31
6"	80	130.85
	60	137.36
8"	220A+	\$140.07
	100/Box	180
	150	147.96
	120	155.84
	100	163.72
	80	179.17
50/Box	80	190.00
	60	201.73
8"	220A+	\$135.62
	180C	141.99
	150C	149.74
	120C	158.62
	100C	180.42
	80	181.67
	60	190.63

## 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	Grit	Price Per Box
5"	80 - 2000	\$90.92
	100/Box	
6"	80 - 2000	\$121.90
	100/Box	

## 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 workpieces. Best suited for polishing stainless steel and high alloy steels, other ferrous metals and non-ferrous metals.

Diameter	Grit	Price Per Box
5"	120-220	\$85.24
	50/Box	
6"	120-220	\$ 123.76
	50/Box	

FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS

NO PAPER  
PSA DISCS  
LARGER  
THAN 8"  
DIAMETER

# Disc Rolls

## 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	Price Per Box
5"	100+	\$58.67
100/Roll	80	\$61.46
6"	100+	\$76.86
100/Roll	80	\$80.45

## 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 wood-working, for sanding sealer, wash coats, bare softwoods and hardwoods, and between coats of furniture finishes.

Diameter	Grit	Price Per Box
5"	120+	\$51.13
100/Roll	80	\$56.39
6"	120+	\$65.94
100/Roll	80	\$74.09

## 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	Price Per Box
5"	100/Roll	120+ \$72.12
	100/Roll	80 \$75.55
	100/Roll	60 \$82.41
6"	100/Roll	120+ \$94.45
	100/Roll	80 \$98.89
	100/Roll	60 \$106.45

**NOTE: 36 & 40 Grit can not be ordered in no-liner version**

**Minimum order of 3 on Disc Rolls**

## 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	Grit	Price Per Box
5"	220+	\$100.27
100/Roll	180	\$105.58
	150	\$111.45
	120	\$117.07
	100	\$127.93
	80	\$134.65
	60	\$141.34
6"	220+	\$144.13
100/Roll	180	\$152.25
	150	\$160.36
	120	\$168.46
	100	\$184.36
	80	\$195.52
	60	\$207.55



Disc Roll Dispenser  
#DISPENSER981 ..... \$74.61



# 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	Price Per Pack
9" x 11"	100+	\$88.77
50/Pack	80	97.67

## KL 371 EMERY CLOTH • HEAVY COTTON CLOTH



Grits P40 - P400 contain emery grain, a natural form of Aluminum Oxide, glue-glue bond, medium weight cloth similar to X-weight for general purpose grinding and polishing of metals. The lightweight cloth backing is similar to J-weight.

Diameter	Grit	Price Per Pack
9" x 11"	400-80	\$123.51
50/Pack	60-50	\$140.25
	40	\$162.13

## 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	Price Per Pack
9" x 11"	600B-150B	\$77.21
50/Pack	120C-100C	\$77.21
	80	\$84.92
	60	\$96.50
	40	\$120.94

## 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	Price Per Pack
9" x 11"	100+	\$151.28
50/Pack	80	161.28
	60	195.05
	40	226.30

## 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	Price Per Pack
9" x 11"	80-2000	\$115.34
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	Price Per Pack
9" x 11"	2000A-220A	\$76.35
50/Pack	180C	\$82.68
	150C	\$87.76
	120C	\$92.87
	100C	\$92.87
	80C	\$106.84
	60C	\$122.11

## 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	Price Per Pack
9" x 11"	100C+	\$93.21
50/Pack	80C	\$102.52
	60C	\$116.50
	40D	\$145.97
25/Pack	36D	\$86.79

FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS



# Flapwheels

## SM 611 ABRASIVE FLAPWHEELS

Flapwheels in this column **REQUIRE**  
SMD 612 Mounting Plates

Diameter x Width	Grit	Price Per Flapwheel	Diameter x Width	Grit	Price Per Flapwheel
4" x 2"	180	\$47.53	12" x 1-3/16"	180	\$191.30
9,500 RPM	100	\$45.42	3,200 RPM	100	\$177.12
	60	\$39.87	12" x 2"	180	\$266.28
	50	\$39.87	3,200 RPM	120	\$223.05
5-1/2" x 1"	240	\$47.53		60	\$191.30
6,800 RPM	180	\$39.87		50	\$191.30
	100	\$35.83	12" x 3"	240	\$424.03
	80	\$35.83	3,200 RPM	60	\$258.64
	60	\$32.22	14" x 2"	220	\$358.52
5-1/2" x 2"	220	\$60.37	2,500 RPM	120	\$284.19
6,800 RPM	100	\$55.71		80	\$284.19
	80	\$55.71	16" x 3"	320	\$674.71
	60	\$47.53	2,300 RPM	180	\$674.71
	40	\$47.53		60	\$459.44
10" x 1"	240	\$140.98			
3,800 RPM	180	\$122.93			
	120	\$106.43			
	80	\$106.43			
10" x 2"	320	\$226.51			
3,800 RPM	240	\$226.51			
	120	\$172.94			
	80	\$172.94			
	60	\$148.40			
	40	\$148.40			
	320	\$292.95			
10" x 3"	120	\$223.05			
3,800 RPM	60	\$191.30			

• 4", 5", 5 1/2", & 12" wheels can be customized to be used with mounting plates. 2-3 week lead time.

• 14", & 16" wheels can be customized for use with mounting plates if "Intent to Purchase" of minimum QTY's is signed. 10 - 12 week lead time.

• Only most common items with purchase history are shown.

**\*\*While all SM 611 Flapwheels listed are available, not all are in-stock items. Be sure to inquire about availability. SM 611 Flap Wheels are difficult to stock – inventory costs are quite large.**

Flapwheels in these two columns **CANNOT USE**  
SMD 612 Mounting Plates

Diameter x Width	Grit	Price Per Flapwheel	Diameter x Width	Grit	Price Per Flapwheel
6" x 1" x 1"	320	\$52.88	8" x 1" x 1"	240	\$97.79
	180	\$48.83	4,800 RPM	120	\$77.26
	120	\$42.00		100	\$77.26
	80	\$41.99		80	\$77.26
	60	\$38.55		60	\$66.91
	40	\$37.86	8" x 1 3/16" x 1"	180	\$97.79
6" x 2" x 1"	120	\$73.51	4,800 RPM	120	\$84.61
	80	\$68.41		80	\$84.07
	60	\$55.71		60	\$77.26
	50	\$53.44	8" x 2" x 1"	320	\$179.98
	40	\$43.23	4,800 RPM	220	\$152.11
6-1/2" x 1" x 1"	320	\$58.21		180	\$149.13
5,800 RPM	240	\$58.21		120	\$120.73
	220	\$52.89		100	\$120.73
	180	\$52.89		80	\$120.73
	120	\$45.02		60	\$100.46
	100	\$45.02		50	\$102.49
	80	\$45.02	10" x 2" x 1"	320	\$231.05
	60	\$41.02	3,800 RPM	240	\$226.51
	50	\$41.02		180	\$204.14
	40	\$41.02			
6-1/2" x 2" x 1"	320	\$95.07			
5,800 RPM	240	\$95.07			
	220	\$84.48			
	180	\$84.48			
	120	\$74.19			
	100	\$74.19			
	80	\$74.18			
	60	\$62.13			
	50	\$62.13			
	40	\$62.13			

**\*\* 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.**

## 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)	Price Per Pair
4"	2-3/16"	3/8"	3/4"	\$25.35
5-1/2"	2-3/16"	3/8"	3/4"	\$25.35
* 6-1/2"	3-1/8"	1/2"	1-11/16"	\$25.35
10"	4-3/4"	9/16"	2"	\$60.03
12"	6"	3/4"	2"	\$91.68
† 14"	8"	1"	3-1/8"	\$305.78
†† 16"	9"	1"	3-1/8"	\$341.93

\* Mac Mop mounting plate size.

† Mounting Plate for 6 1/2" NCW 600

†† Mounting Plate for 8" SM611



# 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.

Dia x Width	Grit	Price Per Mop
7" x 1" x 1/4"	240	\$54.91
4,200 MAX RPM	180	\$54.91
	120	\$54.91
	80	\$54.91
7" x 2" x 1/4"	240	\$62.76
4,200 MAX RPM	180	\$62.76
	120	\$62.76
	80	\$62.76

## MAC MOP



Mac Mops can be "stacked" on the same spindle but each one requires its own set of SM612 mounting

The very best tool for final finishing, polishing, and making decorative finishes on severe profiles. **Must be used with KLINGSPOR SMD 612 - 6-1/2" mounting plates.**

Dia x Width	Grit	Price Per Mop
10" x 2"	180	\$219.43
3,400 MAX RPM	150	\$219.43
	120	\$189.69
	100	\$189.69
	80	\$189.69
10" x 4"	180	\$390.54
3,400 MAX RPM	150	\$390.54
	120	\$323.11
	100	\$323.11
	80	\$323.11

**Recommended RPM 1700 - 2500**

## KM 613 SPINDLE MOUNTED FLAPWHEEL



**VERY IMPORTANT NOT TO EXCEED RECOMMENDED RPM!**

Superb for finish-sanding of small metal contoured parts, in and around radii or into holes.

**Available Grits: 40, 60, 80, 120, 180, 240**

**Minimum Package:** 1 Box of 10 per size and grit  
\*Other sizes are available. Please call for pricing.

Dia x Width x Spindle	Max RPM	Price Per Flapwheel
1" x 1/2" x 1/4"	30,000	\$7.78
1" x 1" x 1/4"	30,000	\$8.31
1-1/2" x 1/2" x 1/4"	25,000	\$8.83
1-1/2" x 1" x 1/4"	25,000	\$9.89
2" x 1/2" x 1/4"	25,000	\$10.30
2" x 3/4" x 1/4"	25,000	\$10.83
2" x 1" x 1/4"	25,000	\$11.65
2-1/2" x 1/2" x 1/4"	20,000	\$11.03
2-1/2" x 1" x 1/4"	20,000	\$12.53
2-1/2" x 2" x 1/4"	20,000	\$18.12
3" x 1/2" x 1/4"	12,000	\$11.80
3" x 3/4" x 1/4"	12,000	\$13.60
3" x 1" x 1/4"	12,000	\$14.60
3" x 2" x 1/4"	12,000	\$20.49



## 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	Maximum 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	\$31.43	\$31.43	\$29.67	\$29.67

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



**SCAN TO WATCH  
Contour Sanding  
IN ACTION**

FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS



# Pads & Cross Buffs

## SQUARE PADS

**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**

Size	Available Grits	Price
1" x 1" x 8 ply 8-32 eyelet	60,80,120	\$2.50
1-1/2" x 1-1/2" x 1/2" 1/4-20 eyelet	60,80	\$4.60
2" x 2" x 1/2" 1/4-20 eyelet	60,80	\$6.19
2" x 2" x 3/4" 1/4-20 eyelet	50,80	\$6.19
3" x 3" x 1/4" 1/4-20 eyelet	80	\$6.79
3" x 3" x 1/2" 1/4-20 eyelet	50,60,80	\$6.79

## CROSS PADS

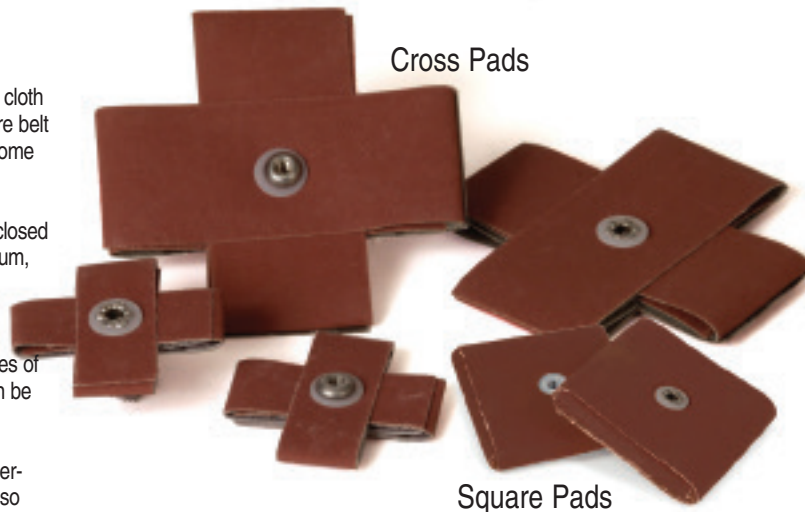
Size	Available Grits	Max RPMs	Price
1-1/2" x 1-1/2" x 1/2" 8 ply 8-32 eyelet	60,80,100,120	25,000	\$2.45
2" x 2" x 1/2" 8 ply 8-32 eyelet	60,80,120	20,000	\$2.46
2" x 2" x 3/4" 8 ply 8-32 eyelet	60,80,120	20,000	\$2.46
2" x 2" x 1" 8 ply 8-32 eyelet	120	20,000	\$2.47
2-1/4" x 2-1/4" x 1/2" 8 ply 8-32 eyelet	80	20,000	\$2.75
2-1/2" x 2-1/2" x 3/4" 8 ply 8-32 eyelet	80,120	20,000	\$2.91
3" x 3" x 1" 8 ply 1/4-20 eyelet	60,80,120	14,000	\$3.30
4" x 4" x 1" 8 ply 1/4-20 eyelet	60,80,120	14,000	\$4.35
4" x 4" x 1-1/2" 8 ply 1/4-20 eyelet	80,120	14,000	\$4.35

## CROSS BUFFS

Use same mandrels as Cross Pads

Size	Max RPMs	Available Grits	Price
1" x 1" x 2 ply w/ 8-32 threaded eyelet	20,000	Medium, Fine, Very Fine	\$4.18
1" x 1" x 3 ply w/ 8-32 threaded eyelet	20,000	Medium, Fine, Very Fine	\$4.18
1-1/2" x 1-1/2" x 2 ply w/ 8-32 threaded eyelet	20,000	Medium, Fine, Very Fine	\$3.45
1-1/2" x 1-1/2" x 3 ply w/ 8-32 threaded eyelet	20,000	Medium, Fine, Very Fine	\$4.63

Cross Pads

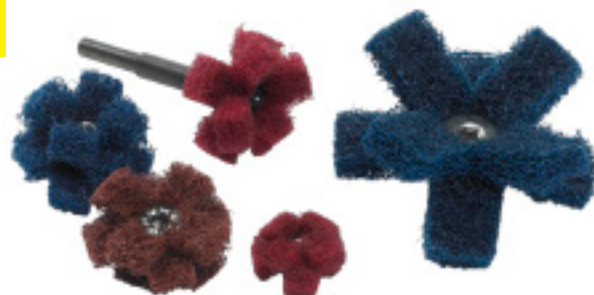


Square Pads



## CROSS PAD & BUFF MANDRELS

6" x 1/4" x 8-32	
CBMANDREL6X1/4X8-32	\$19.96
8" x 1/4" x 8-32	
CBMANDREL8X1/4X8-32	\$22.15
6" x 1/4" x 1/4"-20	
CPMANDREL6X1/4-20	\$15.81
2.92" x 1/4" x 8-32	
CPMANDREL2.92-1/4X8-32	\$9.25
3" x 1/4" x 1/4"-20	
CPMANDREL3-1/4-20	\$13.58





# 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	\$54.09	\$92.99	\$170.66	\$287.52
		8"	6,000	\$70.51	\$121.23	\$222.66	\$284.85
		12"	3,000	\$91.05	\$162.57	\$349.69	\$646.58
2SM	Soft Density, Multi-Finishing, Medium Grain, SiC	6"	6,000	\$54.29	\$93.27	\$171.27	\$216.23
		8"	6,000	\$68.82	\$118.25	\$217.12	\$342.68
5AM	Medium-Soft Density, Metal Finishing, Medium Grain, AO	6"	6,000	\$78.81	\$135.61	\$249.26	\$407.76
		8"	6,000	\$86.11	\$148.17	\$272.30	\$479.72
		12"	3,000	\$150.83	\$251.93	\$416.15	\$910.93
7SF	Medium Density, Deburring, Fine Grain, SiC	6"	6,000	\$78.81	\$135.61	\$249.26	\$384.50
		8"	6,000	\$86.11	\$148.17	\$272.29	\$435.24
		12"	3,000	\$106.55	\$254.38	\$416.15	\$711.47
		14"	2,550	\$145.80	\$284.91	\$463.77	\$888.85
8AM	Medium-Hard Density, Deburring, Medium Grain, AO	6"	6,000	\$76.00	\$130.84	\$240.56	\$417.91
		8"	6,000	\$89.65	\$154.30	\$283.57	\$524.41
8SM	Medium-Hard Density, Deburring, Medium Grain, SiC	6"	6,000	\$76.00	\$130.85	\$240.55	\$441.22
		8"	6,000	\$89.64	\$154.30	\$283.57	\$486.78
		12"	3,000	\$150.83	\$254.39	\$407.91	\$823.15
8SF	Medium-Hard Density, Deburring, Fine Grain, SiC	6"	6,000	\$76.00	\$130.85	\$240.55	\$441.22
		8"	6,000	\$89.64	\$154.30	\$283.57	\$501.36
		12"	3,000	\$135.98	\$254.39	\$430.48	\$823.15
8SF-R	Medium-Hard Density, Rigid, Deburring, Fine Grain, SiC	6"	6,000	\$76.00	\$130.85	\$240.55	\$435.09
		8"	6,000	\$89.64	\$154.30	\$283.57	\$503.00
		12"	3,000	\$139.95	\$254.39	\$432.81	\$823.15
9SF	Hard Density, Deburring, Fine Grain, SiC	6"	6,000	\$76.00	\$130.85	\$240.55	\$471.36
		8"	6,000	\$89.64	\$154.30	\$283.57	\$565.05
		12"	3,000	\$150.83	\$254.39	\$432.80	\$862.85
9SF-R	Hard Density, Rigid, Deburring, Fine Grain, SiC	6"	6,000	\$76.00	\$130.85	\$240.55	\$484.48
		8"	6,000	\$89.64	\$154.30	\$283.57	\$571.17
		10"	3,600	\$101.76	\$204.45	\$354.47	\$615.41
10SF	Extra-Hard Density, Deburring, Fine Grain, SiC	12"	3,000	\$106.54	\$254.38	\$432.80	\$910.93

\* 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:



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

## MOUNTING BUSHINGS

Description	Item#	Price
6" Wheel Bushing 1" to 3/8"	611BUSH1X3/8	\$3.08
6" Wheel Bushing 1" to 1/2"	611BUSH1X1/2	\$3.08
6" Wheel Bushing 1" to 3/4"	611BUSH1X3/4	\$3.08
6" Wheel Bushing 1" to 5/8"	611BUSH1X5/8	\$4.70
8" Wheel Bushing 3" to 1"	CFVB004	\$116.91
8" Wheel Bushing 3" to 1-1/4"	CFVB005	\$116.91
10" & 12" Wheel Bushing 5" to 1"	CFVB006	\$246.91
10" & 12" Wheel Bushing 5" to 1-1/4"	CFVB007	\$246.90

FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

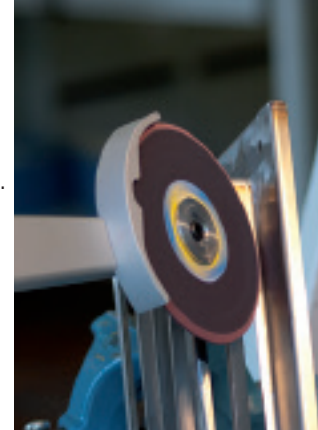
SPECIALTY

POWER TOOLS

# Unitized 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.
- Deburrs 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 3,200rpm.  
 Dynabrade Die Grinders: Dyna47201, Dyna47211, DYNA52101, Dyna52662, Dyna46000, Dyna47800, & Dyna48315

### DIE GRINDER WHEEL OPTIONS: 1/4" THICK

ARBOR1/2X1/4FH .....\$17.17 (Item# for arbor shown)



Size	Item #	Price Each	Size	Item #	Price Each	Size	Item #	Price Each
<b>2" X 1/4" X 1/2"</b>	UW2AM2X.25X.5	\$11.17	<b>3" X 1/4" X 1/2"</b>	UW2AM3X.25X.5	\$13.89	<b>4" X 1/4" X 1/2"</b>	UW2AM4X.25X.5	\$31.85
Max Safe Speed	UW2SF2X.25X.5	\$11.17	Max Safe Speed	UW2SF3X.25X.5	\$13.89	Max Safe Speed	UW2SF4X.25X.5	\$31.85
25,000 RPM	UW3SF2X.25X.5	\$11.17	20,000 RPM	UW3SF3X.25X.5	\$13.89	20,000 RPM	UW3SF4X.25X.5	\$31.85
Optimum Performance	UW4AF2X.25X.5	\$11.17	Optimum Performance	UW4AF3X.25X.5	\$13.89	Optimum Performance	UW4AF4X.25X.5	\$31.85
Speed 18,000 RPM	UW4SF2X.25X.5	\$11.17	Speed 12,000 RPM	UW4SF3X.25X.5	\$13.89	Speed 12,000 RPM	UW4SF4X.25X.5	\$31.85
<b>10 Per Box</b>	UW6AF2X.25X.5	\$11.17	<b>10 Per Box</b>	UW6AF3X.25X.5	\$13.89	<b>10 Per Box</b>	UW6AF4X.25X.5	\$31.85
	UW6SF2X.25X.5	\$11.17		UW6SF3X.25X.5	\$13.89		UW6SF4X.25X.5	\$31.85
	UW8AM2X.25X.5	\$11.17		UW8AM3X.25X.5	\$13.89		UW8AM4X.25X.5	\$31.85
	UW9AC2X.25X.5	\$11.17		UW9AC3X.25X.5	\$13.89		UW9AC4X.25X.5	\$31.85



ARBOR1/4-3/8X1/4SL .....\$17.17 (Item# for arbor shown)

Size	Item #	Price Each	Size	Item #	Price Each	Size	Item #	Price Each
<b>2" X 1/4" X 1/4"</b>	UW2AM2X.25X.25	\$11.17	<b>3" X 1/4" X 1/4"</b>	UW2AM3X.25X.25	\$13.89	<b>4" X 1/4" X 1/4"</b>	UW2AM4X.25X.25	\$31.85
Max Safe Speed	UW2SF2X.25X.25	\$11.17	Max Safe Speed	UW2SF3X.25X.25	\$13.89	Max Safe Speed	UW2SF4X.25X.25	\$31.85
25,000 RPM	UW3SF2X.25X.25	\$11.17	20,000 RPM	UW3SF3X.25X.25	\$13.89	20,000 RPM	UW3SF4X.25X.25	\$31.85
Optimum Performance	UW4AF2X.25X.25	\$11.17	Optimum Performance	UW4AF3X.25X.25	\$13.89	Optimum Performance	UW4AF4X.25X.25	\$31.85
Speed 18,000 RPM	UW4SF2X.25X.25	\$11.17	Speed 12,000 RPM	UW4SF3X.25X.25	\$13.89	Speed 12,000 RPM	UW4SF4X.25X.25	\$31.85
<b>10 Per Box</b>	UW6AF2X.25X.25	\$11.17	<b>10 Per Box</b>	UW6AF3X.25X.25	\$13.89	<b>10 Per Box</b>	UW6AF4X.25X.25	\$31.85
	UW6SF2X.25X.25	\$11.17		UW6SF3X.25X.25	\$13.89		UW6SF4X.25X.25	\$31.85
	UW8AM2X.25X.25	\$11.17		UW8AM3X.25X.25	\$13.89		UW8AM4X.25X.25	\$31.85
	UW9AC2X.25X.25	\$11.17		UW9AC3X.25X.25	\$13.89		UW9AC4X.25X.25	\$31.85

### TYPE 27 ANGLE GRINDER DISC OPTIONS

Size	Item #	Price	Size	Item #	Price
<b>4-1/2" X 7/8"</b>	UWSA6-4.5X.875	\$39.30	<b>4-1/2" X 5/8"-11</b>	UWSA6-4.5x.875A	\$41.32
Max RPM 12,200	UWMA8-4.5X.875	\$39.30	Max RPM 12,200	UWMA8-4.5X.875A	\$41.32



UNITIZED



## DIE GRINDER WHEEL OPTIONS: 1/2" THICK

Arbor 1/4" x 1/4" NL ....\$6.55 (Item# for arbor shown)

Size	Item #	Price Each	Size	Item #	Price Each	Size	Item #	Price Each
<b>2" X 1/2" X 1/4"</b> Max Safe Speed 25,000 RPM Optimum Performance Speed 18,000 RPM <b>10 Per Box</b>	UW2AM2X.5X.25	\$16.60	<b>3" X 1/2" X 1/4"</b> Max Safe Speed 20,000 RPM Optimum Performance Speed 12,000 RPM <b>10 Per Box</b>	UW2AM3X.5X.25	\$22.36	<b>4" X 1/2" X 1/4"</b> Max Safe Speed 20,000 RPM Optimum Performance Speed 12,000 RPM <b>10 Per Box</b>	UW2AM4X.5X.25	\$37.25
	UW2SF2X.5X.25	\$16.60		UW2SF3X.5X.25	\$22.36		UW2SF4X.5X.25	\$37.25
	UW3SF2X.5X.25	\$16.60		UW3SF3X.5X.25	\$22.36		UW3SF4X.5X.25	\$37.25
	UW4AF2X.5X.25	\$16.60		UW4AF3X.5X.25	\$22.36		UW4AF4X.5X.25	\$37.25
	UW4SF2X.5X.25	\$16.60		UW4SF3X.5X.25	\$22.36		UW4SF4X.5X.25	\$37.25
	UW6AF2X.5X.25	\$16.60		UW6AF3X.5X.25	\$22.36		UW6AF4X.5X.25	\$37.25
	UW6SF2X.5X.25	\$16.60		UW6SF3X.5X.25	\$22.36		UW6SF4X.5X.25	\$37.25
	UW8AC2X.5X.25	\$16.60		UW8AC3X.5X.25	\$22.36		UW8AC4X.5X.25	\$37.25
	UW8AM2X.5X.25	\$16.60		UW8AM3X.5X.25	\$22.36		UW8AM4X.5X.25	\$37.25

## QUICK CHANGE WHEELS – QRC'S AND QDC'S

Size	Item #	Price Each	Size	Item #	Price Each	Size	Item #	Price Each
<b>1" X 1/4"</b> Max Safe Speed 30,000 RPM Optimum Performance Speed 18,000 RPM <b>10 Per Box</b>	QDCUD2AM100	\$9.18	<b>1-1/2" X 1/4"</b> Max Safe Speed 25,000 RPM Optimum Performance Speed 18,000 RPM <b>10 Per Box</b>	(QR)(QD)CUD2AM150		<b>2" X 1/4"</b> Max Safe Speed 25,000 RPM Optimum Performance Speed 18,000 RPM <b>10 Per Box</b>	(QR)(QD)CUD2AM200	\$10.76
	QDCUD2SF100	\$9.18		(QR)(QD)CUD2SF150			(QR)(QD)CUD2SF200	\$10.76
	QDCUD3SF100	\$9.18		(QR)(QD)CUD3SF150			(QR)(QD)CUD3SF200	\$10.76
	QDCUD4AF100	\$9.18		(QR)(QD)CUD4AF150			(QR)(QD)CUD4AF200	\$10.76
	QDCUD4SF100	\$9.18		(QR)(QD)CUD4SF150			(QR)(QD)CUD4SF200	\$10.76
	QDCUD6AF100	\$9.18		(QR)(QD)CUD6AF150			(QR)(QD)CUD6AF200	\$10.76
	QDCUD6SF100	\$9.18		(QR)(QD)CUD6SF150			(QR)(QD)CUD6SF200	\$10.76
	QDCUD8AM100	\$9.18		(QR)(QD)CUD8AM150			(QR)(QD)CUD8AM200	\$10.76
	QDCUD9AC100	\$9.18		(QR)(QD)CUD9AC150			(QR)(QD)CUD9AC200	\$10.76

Size	Item #	Price Each	Size	Item #	Price Each
<b>3" X 1/4"</b> Max Safe Speed 20,000 RPM Optimum Performance Speed 12,000 RPM <b>10 Per Box</b>	(QR)(QD)CUD2AM300	\$13.29	<b>4" X 1/4"</b> Max Safe Speed 20,000 RPM Optimum Performance Speed 12,000 RPM <b>10 Per Box</b>	(QR)(QD)CUD2AM400	\$30.39
	(QR)(QD)CUD2SF300	\$13.29		(QR)(QD)CUD2SF400	\$30.39
	(QR)(QD)CUD3SF300	\$13.29		(QR)(QD)CUD3SF400	\$30.39
	(QR)(QD)CUD4AF300	\$13.29		(QR)(QD)CUD4AF400	\$30.39
	(QR)(QD)CUD4SF300	\$13.29		(QR)(QD)CUD4SF400	\$30.39
	(QR)(QD)CUD6AF300	\$13.29		(QR)(QD)CUD6AF400	\$30.39
	(QR)(QD)CUD6SF300	\$13.29		(QR)(QD)CUD6SF400	\$30.39
	(QR)(QD)CUD8AM300	\$13.29		(QR)(QD)CUD8AM400	\$30.39
	(QR)(QD)CUD9AC300	\$30.39		(QR)(QD)CUD9AC400	\$30.39



## FILET WELD GRINDER OPTIONS – 1/4" THICK

Size	Item #	Price Each	Size	Item #	Price Each	Size	Item #	Price Each
<b>6" X 1/4" X 1/2"</b> Max RPM 6,000	UW2AM6X.25X.5	\$43.65	<b>6" X 1/4" X 5/8"</b> Max RPM 6,000	UW2AM6X.25X.625	\$43.65	<b>6" X 1/4" X 7/8"</b> Max RPM 6,000	UW2AM6X.25X.875	\$43.65
	UW2SF6X.25X.5	\$43.65		UW2SF6X.25X.625	\$43.65		UW2SF6X.25X.875	\$43.65
	UW3SF6X.25X.5	\$43.65		UW3SF6X.25X.625	\$43.65		UW3SF6X.25X.875	\$43.65
	UW4AF6X.25X.5	\$43.65		UW4AF6X.25X.625	\$43.65		UW4AF6X.25X.875	\$43.65
	UW4SF6X.25X.5	\$43.65		UW4SF6X.25X.625	\$43.65		UW4SF6X.25X.875	\$43.65
	UW6AF6X.25X.5	\$43.65		UW6AF6X.25X.625	\$43.65		UW6AF6X.25X.875	\$43.65
	UW6SF6X.25X.5	\$43.65		UW6SF6X.25X.625	\$43.65		UW6SF6X.25X.875	\$43.65
	UW8AM6X.25X.5	\$43.65		UW8AM6X.25X.625	\$43.65		UW8AM6X.25X.875	\$43.65
	UW9AC6X.25X.5	\$43.65		UW9AC6X.25X.625	\$43.65		UW9AC6X.25X.875	\$43.65

## FILET WELD GRINDER WHEEL OPTIONS – 1/8" THICK

Size	Item #	Price Each	Size	Item #	Price Each	Size	Item #	Price Each
<b>6" x 1/8" x 5/8"</b> Max RPM 6,000	UW2SF6X.125X.625	\$27.54	<b>6" x 1/8" x 7/8"</b> Max RPM 6,000	UW2SF6X.125X.875	\$27.54	<b>6" x 1/8" x 1"</b> Max RPM 6,000	UW2SF6X.125X1	\$27.54
	UW4AF6X.125X.625	\$27.54		UW4AF6X.125X.875	\$27.54		UW4AF6X.125X1	\$27.54
	UW4AM6X.125X.625	\$27.54		UW4AM6X.125X.875	\$27.54		UW4AM6X.125X1	\$27.54
	UW6AF6X.125X.625	\$27.54		UW6AF6X.125X.875	\$27.54		UW6AF6X.125X1	\$27.54
	UW6AM6X.125X.625	\$27.54		UW6AM6X.125X.875	\$27.54		UW6AM6X.125X1	\$27.54

FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS



# Flap Brushes

## KLINGSPOR Flap Brush Part Order Number Reference Key

1ST AND 2ND LETTERS: Flap Brush Type	3RD LETTER: Arbor attachment	4TH AND 5TH LETTER: Material Grade	6TH LETTER: Base Material	7TH LETTER / NUMBER: Brush Density
NF - Full Non-Woven	A - 1/4" Spindle shank	XC - Extra Coarse	T - Light Weight C&P	M - Medium Density (Standard)
NI - Interleafed Non-Woven	B - 5/8"-11	CR - Coarse	Z - Zirconia	3 - Digit Grit: Grit of the Interleaves
FB - Felt Brush	C - 3/4" Keyway	MD - Medium	B - High Strength Premium	3 - Digit Diameter: Brush Diameter in mm
	E - 1" Arbor Hole	VF - Very Fine	D - High Density Premium	3 - Digit Width: Brush Width in mm
	F - 2" Arbor Hole	UF - Ultra Fine	F - FMM or Felt	
	G - 3" Arbor Hole	NA - No Abrasive	A - Light Weight C&P in Very Fine Only	
	H - 5" Arbor Hole			
	N - 1/4" - 20 Male			

Part Number Example:

**NI H MD T M 120 - 300 125**

\*\*\* The above key provides a general format to search for products currently set up in our system. Only items listed on this page and the next are actually stock items. Non-stock items may take 1-2 weeks for production. New items can be configured with adequate potential volume and Technical approval

### SPINDLE MOUNTED BRUSHES

#### Max RPM - 12,000

1" x 1/2" .....\$9.46 each

NFACRTM-025015

NFAMDTM-025015

NFAVFTM-025015

NIACRTM060-025015

NIAMDTM120-025015

NIAVFTM180-025015

**SOLD IN BOXES OF 10**

1" x 1" .....\$9.46 each

NFACRTM-025025

NFAMDTM-025025

NFAVFTM-025025

NIACRTM060-025025

NIAMDTM120-025025

NIAVFTM180-025025

**SOLD IN BOXES OF 10**

2" x 1" .....\$16.80 each

NFACRTM-050025

NFAMDTM-050025

NFAVFTM-050025

NIACRTM060-050025

NIAMDTM100-050025

NIAMDTM150-050025

NIAVFAM240-050025

**SOLD IN BOXES OF 5**

2" x 2" .....\$33.60 each

NFACRTM-050050

NFAMDTM-050050

NFAVFTM-050050

NIACRTM060-050050

NIAMDTM120-050050

NIAVFTM180-050050

**SOLD IN BOXES OF 3**

2-3/8" x 2" .....\$18.87 each

NFAMDTM-060050

NFAVFAM-060050

**SOLD IN BOXES OF 5**



#### Max RPM - 8,000

3" x 1" .....\$23.10 each

NFACRTM-075025

NFAMDTM-075025

NFAVFTM-075025

NIACRTM060-075025

NIAMDTM120-075025

NIAMDTM080-075025

NIAVFTM180-075025

**SOLD IN BOXES OF 3**

3-1/8" x 2" Full Non-Woven

.....\$43.59 each

NFAMDTM-079050

NFAVFAM-079050

3-1/8" x 2" Interleaf

.....\$43.59 each

NIACRTM060-079050

NIAMDTM100-079050

NIAMDTM150-079050

NIAVFAM240-079050

**SOLD IN BOXES OF 3**

4" x 1-3/4" .....\$50.66 each

NIACRTM060-100045

NIAMDTM100-100045

NIAMDTM150-100045

NIAVFAM240-100045

**SOLD IN BOXES OF 2**



## 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	Price
NFBXCTM-100050	\$69.29
NFBCRTM-100050	\$69.29
NFBMDTM-100050	\$69.29
NFBVFTM-100050	\$69.29
NIBCRTM060-100050	\$69.29
NIBMDTM120-100050	\$69.29
NIBVFTM180-100050	\$69.29

4-1/4" x 4" x 5/8"-11	Price
NFBXCTM-110100	\$107.63
NFBCRTM-110100	\$107.63
NFBMDTM-110100	\$107.63
NFBMDZM-110100	\$107.63
NFBVFTM-110100	\$107.63
NIBCRTM060-110100	\$114.34
NIBMDTM120-110100	\$114.34
NIBVFTM180-110100	\$114.34



Brushes with 3/4" Keyway Arbor Hole  
Max RPM - 4,500

4-1/4" x 4" x 3/4" keyway	Price
NFCXCTM-110100	\$107.63
NFCCRTM-110100	\$107.63
NFCMDTM-110100	\$107.63
NFCMDZM-110100	\$107.63
NFCVFTM-110100	\$107.63
NICCRTM060-110100	\$114.34
NICMDTM120-110100	\$114.34
NICVFTM180-110100	\$114.34

## BENCH & PEDESTAL GRINDER BRUSHES



6" x 2" x 1"	Price
NFEMDTM-150050	\$140.07
NIECRTM080-150050	\$147.06
NIEVFAM180-150050	\$147.06

12" x 1" x 5"	Price
NFHMDBM-300025	\$98.04

12" x 1.75" x 5"	Price
NFHMDBH-300045	\$179.74
NFHMDDM-300045	\$179.74

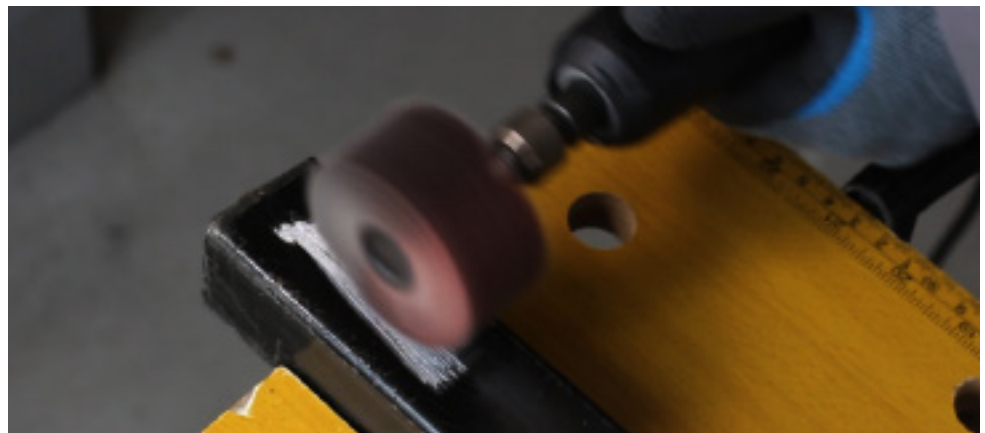
12" x 2" x 5"	Price
NFHMDBM-300050	\$176.48
NFHMDBX-300050	\$134.75

12" x 4" x 5"	Price
NFHMDTM-300100	\$301.36
NFHXCTM-300100	\$301.36

## FLAP WHEELS FOR BUFFING TOOLS

Description	Item#	Price
40 grit 4" x 4" x 5/8"-11	SM611040100100A	\$85.68
60 grit 4" x 4" x 5/8"-11	SM611060100100A	\$90.72
80 grit 4" x 4" x 5/8"-11	SM611080100100A	\$95.68
120 grit 4" x 4" x 5/8"-11	SM611120100100A	\$90.84
40 grit 4" x 2" x 5/8"-11	SM61104010050A	\$44.48
60 grit 4" x 2" x 5/8"-11	SM61106010050A	\$41.18
80 grit 4" x 2" x 5/8"-11	SM61108010050A	\$41.18

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.



FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS

# Wire Brushes & Wheels



## CRIMP WIRE WHEEL

Item Number	Dia	Description	Wire Size	Shank	Max RPM	Price Each
KWW-9160036	1-1/2"	Crimp Wheel CS	.006	1/4" shank	15,000	\$14.58
KWW-9165746	2"	Crimp Wheel CS	.006	1/4" shank	15,000	\$22.49
KWW-382006	2"	Crimp Wheel CS	.012	1/4" shank	15,000	\$18.48
KWW-164830	2-1/2"	Crimp Wheel CS	.014	1/4" shank	15,000	\$25.64
KWW-382007	3"	Crimp Wheel CS	.012	1/4" shank	15,000	\$19.82
KWW-381726	3"	Crimp Wheel SS	.014	1/4" shank	15,000	\$28.14



## KNOT WHEEL WITH SHANK

Item Number	Dia	Description	Wire Size	Shank	Max RPM	Price Each
KWW-9038861	3"	Knot Wheel CS	.014	1/4" shank	25,000	\$36.63
KWW-9039831	4"	Knot Wheel CS	.014	1/4" Shank	20,000	\$42.18



## SMALL DIAMETER CRIMP WIRE WHEEL

Item Number	Dia	Description	Wire Size	Shank	Max RPM	Price Each
KWW-110461	2-1/2"	Crimp Wheel CS	.008	1/2"	20,000	\$15.58
KWW-110581	3"	Crimp Wheel CS	.008	1/2"	20,000	\$17.52
* KWW-9111791	3"	Crimp Wheel CS	.012	1/2"-3/8"	20,000	\$13.96
KWW-9162651	3"	Crimp Wheel SS	.006	1/2"	20,000	\$32.24
* KWW-9110971	3"	Crimp Wheel SS	.014	1/2"-3/8"	20,000	\$22.27

\* COMES WITH BUSHING



## LARGE DIAMETER CRIMP WIRE WHEEL

Item Number	Dia	Description	Wire Size	Arbor	Max RPM	Price Each
• KWW-9099521	6"	Crimp Wheel CS	1/2" .014	1/2"-5/8"	6,000	\$60.53
• KWW-210332	8"	Crimp Wheel CS	1" .014	1-1/4"*	4,500	\$50.76
* KWW-220911	8"	Crimp Wheel CS	1-1/2" .014	5/8"	4,500	\$104.33

\* COMES WITH ADAPTOR • USES ADAPTOR BELOW IN YELLOW



## CRIMPED CUP BRUSH

Item Number	Dia	Description	Wire Size	Arbor	Max RPM	Price Each
KWW-322351	3"	Crimp Cup CS	.014	3/8-24	12,500	\$36.88
KWW-381930	3"	Crimp Cup CS	.014	5/8-11	12,500	\$30.43
KWW-381932	4"	Crimp Cup CS	.014	5/8-11	8,500	\$39.00
KWW-099641	6"	Crimp Cup CS	.014	5/8-11	6,600	\$47.18



## TWISTED KNOT CUP BRUSH

Item Number	Dia	Description	Wire Size	Arbor	Max RPM	Price Each
KWW-381997	2-3/4"	Knot Cup CS	.014	5/8-11	12,500	\$33.71
KWW-381996	2-3/4"	Knot Cup CS	.020	5/8-11	12,500	\$34.62
KWW-381999	2-3/4"	Knot Cup SS	.020	5/8-11	12,500	\$59.96
KWW-382000	4"	Knot Cup CS	.025	5/8-11	9,000	\$75.71
KWW-381730	6"	Knot Cup CS	.035	5/8-11	6,600	\$120.47

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







## WIRE BRUSHES AND WHEELS

### KNOT WHEEL

Item Number	Dia	Description	Wire Size	Arbor	Max RPM	Price Each
KWW-9265871	4"	Knot Wheel CS	.014	5/8-11	20,000	\$25.54
KWW-382070	4"	Knot Wheel CS	.020	5/8-11	20,000	\$24.70
KWW-9265931	4"	Knot Wheel SS	.014	5/8-11	20,000	\$38.32
KWW-382001	4"	Knot Wheel SS	.020	5/8-11	20,000	\$45.30
KWW-381734	6"	Knot Wheel CS	.025	5/8-11	12,500	\$42.13
KWW-9264871	4"	Cable Knot Wheel CS	.020	5/8-11	20,000	\$29.18
KWW-9263411	4"	Cable Knot Wheel SS	.020	5/8-11	20,000	\$56.48

### STRINGER BEAD

Item Number	Dia	Description	Wire Size	Arbor	Max RPM	Price Each
KWW-382065	4"	Stringer Bead Wheel CS	.020	5/8-11	20,000	\$30.15
KWW-382066	4"	Stringer Bead Wheel SS	.020	5/8-11	20,000	\$42.67
KWW-382068	6"	Stringer Bead Wheel CS	.020	5/8-11	12,500	\$40.52
KWW-382069	6"	Stringer Bead Wheel SS	.020	5/8-11	12,500	\$45.96

### CRIMPED SMALL GRINDER WIRE WHEEL

Item Number	Dia	Description	Wire Size	Arbor	Max RPM	Price Each
KWW-9213171	4"	Crimped Wheel CS	.014	5/8-11	15,000	\$27.82

### CRIMP END BRUSH

Item Number	Dia	Description	Wire Size	Arbor	Max RPM	Price Each
KWW-9029501	1"	Crimp End CS	.008	1/4" shank	20,000	\$14.75
KWW-381928	1"	Crimp End CS	.014	1/4" shank	20,000	\$6.76
KWW-026511	1"	Crimp End CS	.020	1/4" shank	20,000	\$7.11
KWW-381929	1"	Crimp End SS	.014	1/4" shank	20,000	\$25.60
KWW-381925	3/4"	Crimp End CS	.006	1/4" shank	20,000	\$8.57
KWW-381926	3/4"	Crimp End CS	.014	1/4" shank	20,000	\$8.57
KWW-301611	3/4"	Crimp End CS	.020	1/4" shank	20,000	\$10.98
KWW-381927	3/4"	Crimp End SS	.014	1/4" shank	20,000	\$9.06
KWW-301911	1/2"	Crimp End CS	.006	1/4" shank	25,000	\$8.20
KWW-301941	1/2"	Crimp End CS	.014	1/4" shank	20,000	\$8.20
KWW-301951	1/2"	Crimp End CS	.020	1/4" shank	20,000	\$8.20
KWW-914798	1/2"	Crimp End SS	.006	1/4" shank	20,000	\$10.93
KWW-9301971	1/2"	Crimp End SS	.014	1/4" shank	20,000	\$8.83

ONDED  
NON-WOVEN  
QUICK CHANGE  
ROLLS  
BELTS  
DISCS  
SHEETS  
FLAPWHEELS  
SPECIALTY  
POWER TOOLS

## WIRE BRUSHES AND WHEELS

### CRIMP END BRUSH WITH SCUFF GUARD

Item Number	Dia	Description	Wire Size	Shank	Max RPM	Price Each
KWW-301341	3/4"	Crimp End CS	.006	1/4" shank SCUF	22,000	\$27.87
KWW-027251	3/4"	Crimp End SS	.014	1/4" shank SCUF	22,000	\$29.48

### KNOT END BRUSH

Item Number	Dia	Description	Wire Size	Shank	Max RPM	Price Each
KWW-381830	1"	Knot End CS	.014	1/4" shank	20,000	\$13.25
KWW-381832	1"	Knot End CS	.020	1/4" shank	20,000	\$13.76
KWW-381831	1"	Knot End SS	.014	1/4" shank	20,000	\$7.95
KWW-027441	1"	Knot End SS	.020	1/4" shank	20,000	\$23.93
KWW-381833	3/4"	Knot End CS	.014	1/4" shank	20,000	\$12.40
KWW-381835	3/4"	Knot End CS	.020	1/4" shank	20,000	\$10.59
KWW-381834	3/4"	Knot End SS	.014	1/4" shank	20,000	\$6.89

### SCRATCH BRUSHES

Item Number	Description	Area Length	Area Width	Overall Length	Fill Diameter	Fill Material	Wire Rows	Trim Length	Price Each
A KWW-381940	Angle Back Wood	1-3/8"	1/4"	7-3/4"	.014	Stainless Steel	3" x 7"	1/2"	\$4.06
B KWW-381944	Long Handle Wood	5-1/2"	3/4"	13-3/4"	.014	Steel	3" x 19"	1-1/8"	\$5.64
C KWW-381942	Shoe Handle Wood	4-1/2"	7/8"	9-1/2"	.014	Steel	4" x 16"	1-1/8"	\$5.30
D KWW-381938	Angle Back Plastic	1-1/2"	1/4"	7-1/4"	.006	Brass	3" x 7"	7/16"	\$4.92
E KWW-381941	Long Handle Wood	1-1/2"	1/4"	7-3/4"	.006	Brass	3" x 7"	7/16"	\$3.01

## Power Wheels

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.

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.

Size & Description	Recommended RPM	Maximum RPM	Price Per Wheel
4" dia. with 1/2" arbor	3,700 - 4,200	7,600	\$17.28
6" dia. with 1/2" arbor	2,500 - 3,000	5,000	\$29.61

#### Other sizes available.

Reusable arbor - 5/16"	\$17.26	Reusable arbor - 1/4"	\$17.26
------------------------	---------	-----------------------	---------

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.

### NCD 200 SPECIAL

#### SPECIFICATIONS

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

Diameter	Bore Size	Recommended RPM	Pkg/box	Price
4 1/2"	7/8"	10,450	5/Box	\$16.89

Always use with lock nut flange.

### POWER WHEEL FLAP DISC

#### APPLICATIONS

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

### 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

Diameter	Bore Size	Recommended RPM	Pkg/box	Price
4 1/2"	7/8"	10,450	5/Box	\$22.01

Always use with lock nut flange.

### 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 plastics

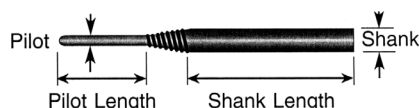


**SPECIALTY**

# Cartridge Rolls

Item #	Size	Max RPM	Grit	Mandrel#	Description	Price Per 100
CR0601038AST	3/8" x 1-1/2" x 1/8"	25,000	60	2	Straight A/O	\$84.52
CR0801038AST	3/8" x 1-1/2" x 1/8"	25,000	80	2	Straight A/O	\$87.09
CR1201038AST	3/8" x 1-1/2" x 1/8"	25,000	120	2	Straight A/O	\$87.09
CR1801038AST	3/8" x 1-1/2" x 1/8"	25,000	180	2	Straight A/O	\$92.47
CR0601225AST	1/2" x 1" x 1/8"	25,000	60	1	Straight A/O	\$76.57
CR0801225AST	1/2" x 1" x 1/8"	25,000	80	1	Straight A/O	\$79.26
CR1201225AST	1/2" x 1" x 1/8"	25,000	120	1	Straight A/O	\$81.86
CR2401225AST	1/2" x 1" x 1/8"	25,000	240	1	Straight A/O	\$84.52
CR0401238AST	1/2" x 1-1/2" x 1/8"	25,000	40	2	Straight A/O	\$108.30
CR0601238AST	1/2" x 1-1/2" x 1/8"	25,000	60	2	Straight A/O	\$105.61
CR0801238AST	1/2" x 1-1/2" x 1/8"	25,000	80	2	Straight A/O	\$108.30
CR1201238AST	1/2" x 1-1/2" x 1/8"	25,000	120	2	Straight A/O	\$108.30
CR1801238AST	1/2" x 1-1/2" x 1/8"	25,000	180	2	Straight A/O	\$116.22
CR2401238AST	1/2" x 1-1/2" x 1/8"	25,000	240	2	Straight A/O	\$118.85
CR0601250AST	1/2" x 2" x 1/8"	25,000	60	3	Straight A/O	\$129.40
CR0801250AST	1/2" x 2" x 1/8"	25,000	80	3	Straight A/O	\$132.04
CR1201250AST	1/2" x 2" x 1/8"	25,000	120	3	Straight A/O	\$134.73
CR0602038AST	3/4" x 1-1/2" x 1/8"	25,000	60	2	Straight A/O	\$179.60
CR0802038AST	3/4" x 1-1/2" x 1/8"	25,000	80	2	Straight A/O	\$179.60
CR0602038BST	3/4" x 1-1/2" x 1/4"	25,000	60	4	Straight A/O	\$179.60
CR0802038BST	3/4" x 1-1/2" x 1/4"	25,000	80	4	Straight A/O	\$182.23
CR1202038BST	3/4" x 1-1/2" x 1/4"	25,000	120	4	Straight A/O	\$187.51
CR1002050AST	3/4" x 2" x 1/8"	25,000	100	3	Straight A/O	\$248.41
CR1202050AST	3/4" x 2" x 1/8"	25,000	120	3	Straight A/O	\$248.29
CR0601025AFT	3/8" x 1" x 1/8"	25,000	60	1	Full Taper A/O	\$79.22
CR0801025AFT	3/8" x 1" x 1/8"	25,000	80	1	Full Taper A/O	\$82.40
CR1201025AFT	3/8" x 1" x 1/8"	25,000	120	1	Full Taper A/O	\$137.30
CR1801025AFT	3/8" x 1" x 1/8"	25,000	180	1	Full Taper A/O	\$140.00
CR0501038AFT	3/8" x 1-1/2" x 1/8"	25,000	50	2	Full Taper A/O	\$145.26
CR0801038AFT	3/8" x 1-1/2" x 1/8"	25,000	80	2	Full Taper A/O	\$87.09
CR1201038AFT	3/8" x 1-1/2" x 1/8"	25,000	120	2	Full Taper A/O	\$87.09
CR0601225AFT	1/2" x 1" x 1/8"	25,000	60	1	Full Taper A/O	\$76.57
CR0801225AFT	1/2" x 1" x 1/8"	25,000	80	1	Full Taper A/O	\$79.26
CR0361238AFT	1/2" x 1-1/2" x 1/8"	25,000	36	2	Full Taper A/O	\$110.54
CR0601238AFT	1/2" x 1-1/2" x 1/8"	25,000	60	2	Full Taper A/O	\$105.61
CR0801238AFT	1/2" x 1-1/2" x 1/8"	25,000	80	2	Full Taper A/O	\$108.30
CR1201238AFT	1/2" x 1-1/2" x 1/8"	25,000	120	2	Full Taper A/O	\$108.30
CR1801238AFT	1/2" x 1-1/2" x 1/8"	25,000	180	2	Full Taper A/O	\$116.22
CR0601250AFT	1/2" x 2" x 1/8"	25,000	60	3	Full Taper A/O	\$129.40
CR0801250AFT	1/2" x 2" x 1/8"	25,000	80	3	Full Taper A/O	\$132.04
CR1201250AFT	1/2" x 2" x 1/8"	25,000	120	3	Full Taper A/O	\$134.73

SEARCH "CR411" FOR AZ CARTRIDGE ROLLS



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

## 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"	\$5.95
2	CRMANDREL710190	1/8"	1"	1/4"	1-1/4"	2-3/4"	\$5.94
3	CRMANDREL708875	1/8"	1-1/2"	1/4"	1-1/4"	3-1/4"	\$5.94
4	CRMANDREL712584	1/4"	1"	1/4"	1-1/4"	3"	\$5.93



Also available in  
Alumina Zirconia  
- call for pricing

When ordering  
cartridge rolls,  
be sure to specify  
whether it needs to  
be straight (ST) or  
fully tapered (FT).



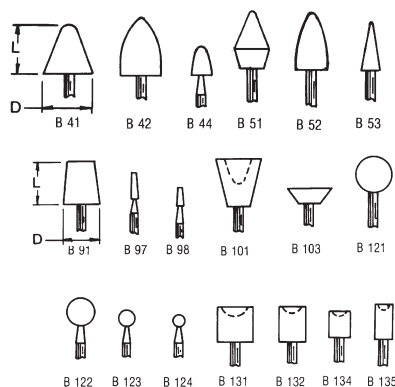
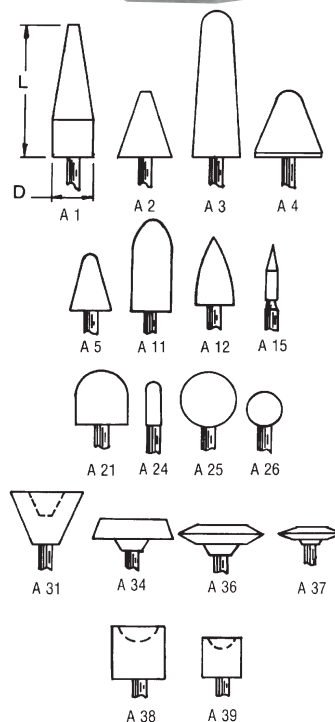
# Mounted Points

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.

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

All Mounted Points must be purchased in quantities of 10

Shape	Dia x Length	Max RPM	Red	Blue	Price Per Pack of 10
A1	3/4" x 2-1/4"	19,800	60	60	\$91.58
A2	1" x 1-1/4"	38,200	60	60	\$57.62
A3	1" x 2-3/4"	16,100	60	60	\$99.30
A3	1" x 2-3/4"	16,100	36	36	\$62.25
A4	1-1/4" x 1-1/4"	30,560	60	60	\$53.41
A5	3/4" x 1-1/8"	45,000	60	60	\$67.50
A11	7/8" x 2"	19,860	60	60	\$67.50
A11	7/8" x 2"	19,860	36	36	\$67.50
A12	1-1/16" x 1-1/4"	48,000	60	60	\$61.53
A14	1-1/16" x 7/8"	55,560	60	60	\$38.79
A15	1/4" x 1-1/16"	72,750	60	60	\$51.55
A21	1" x 1"	34,500	60	60	\$43.73
A24	1/4" x 3/4"	76,500	60	60	\$36.84
A25	1" x 1"	35,620	60	60	\$44.56
A26	5/8" x 5/8"	61,120	60	60	\$39.72
A31	1-3/8" x 1"	27,780	60	60	\$53.41
A32	1" x 5/8"	38,000	60	60	\$38.79
A34	1-1/2" x 3/8"	25,470	60	60	\$41.98
A36	1-5/8" x 3/8"	23,520	60	60	\$51.86
A37	1-1/4" x 1/4"	30,560	60	60	\$38.79
A38	1" x 1"	34,500	60	60	\$36.84
A39	3/4" x 3/4"	47,250	60	60	



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

Shape	Dia x Length	Max RPM	Red	Blue	Price Per Pack of 10
B41	5/8" x 5/8"	33,750	60	60	\$37.87
B42	1/2" x 3/4"	33,750	60	60	\$36.22
B44	7/32" x 3/8"	68,400	60	60	\$34.68
B44	7/32" x 3/8"	68,400	90	90	\$34.68
B51	7/16" x 3/4"	45,370	60	60	\$30.56
B52	3/8" x 3/4"	45,370	60	60	\$36.84
B53	1/4" x 5/8"	60,000	60	60	\$36.84
B91	1/2" x 5/8"	34,500	60	60	\$36.84
B96	1/8" x 1/4"	105,000	90	90	\$66.47
B97	1/8" x 3/8"	105,000	90	90	\$33.03
B97	1/8" x 3/8"	105,000	120	120	\$33.03
B98	3/32" x 1/4"	105,000	90	90	\$37.87
B101	5/8" x 11/16"	33,750	60	60	\$35.81
B103	5/8" x 3/16"	61,120	60	60	\$35.09
B121	1/2" x 1/2"	45,370	60	60	\$36.53
B122	3/8" x 3/8"	61,650	60	60	\$34.57
B123	3/16" x 3/16"	104,250	90	90	\$27.17
B124	1/8" x 1/8"	105,000	90	90	\$29.42
B131	1/2" x 1/2"	34,500	60	60	\$27.17
B132	3/8" x 1/2"	45,370	60	60	\$27.17
B134	5/16" x 3/8"	61,650	60	60	\$26.45
B135	1/4" x 1/2"	60,000	60	60	\$27.17



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

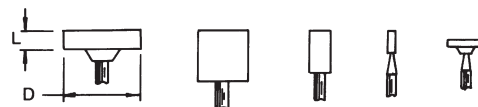


**MOUNTED POINTS**

# Mounted 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	Price per Pack of 10
W142	3/32" x 1/4"	1/8"	105,000	120	120	\$23.67
W144	3/32" x 1/4"	1/8"	105,000	120	60	\$24.80
W145	1/8" x 3/8"	1/8"	105,000	60	60	\$26.45
W146	1/8" x 1/2"	1/8"	105,000	60	60	\$24.39
W152	3/16" x 1/4"	1/8"	105,000	60	60	\$25.42
W153	3/16" x 3/8"	1/8"	80,850	60	60	\$26.45
W154	3/16" x 1/2"	1/8"	70,500	60	60	\$26.45
W160	1/4" x 1/4"	1/8"	81,370	60	60	\$25.42
W162	1/4" x 3/8"	1/8"	68,400	60	60	\$26.45
W163	1/4" x 1/2"	1/8"	60,000	60	60	\$27.17
W164	1/4" x 3/4"	1/8"	45,900	60	60	\$28.71
W175	3/8" x 3/8"	1/8"	54,000	60	60	\$27.99
W176	3/8" x 1/2"	1/8"	45,370	60	60	\$26.45
W178	3/8" x 1"	1/8"	26,250	60	60	\$30.87
W179	3/8" x 1-1/4"	1/8"	45,750+	60	60	\$40.00
W185	1/2" x 1/2"	1/4"	34,500	60	60	\$24.39
W186	1/2" x 1"	1/8"	20,620	60	60	\$30.87
W187	1/2" x 1-1/2"	1/8"	30,370+	60	60	\$46.41
W188	1/2" x 2"	1/4"	24,000+	60	60	\$58.45
W189	3/4" x 3/4"	1/4"	18,900+	60	60	\$30.87
W204	3/4" x 1"	1/4"	34,900+	60	60	\$38.79
W205	3/4" x 1-1/4"	1/4"	28,720	60	60	\$39.93
W206	1" x 1/8"	1/4"	38,200	60	60	\$29.43
W215	1" x 1/2"	1/8"	38,200+	60	60	\$30.87
W218	1" x 1"	1/4"	25,500+	60	60	\$36.84
W220	1" x 1-1/2"	1/4"	19,120+	60	60	\$51.04
W221	1" x 2"	1/4"	15,900+	60	60	\$62.77
W222	1-1/4" x 1/4"	1/4"	30,560+	60	60	\$25.42
W225	1-1/2" x 1/4"	1/4"	25,470+	60	60	\$36.84
W235	1-1/2" x 1/2"	1/4"	25,470+	60	60	\$34.99
W236	2" x 1"	1/4"	25,470+	60	60	\$58.45
W242	2" x 1"	1/4"	25,470+	60	60	\$58.45

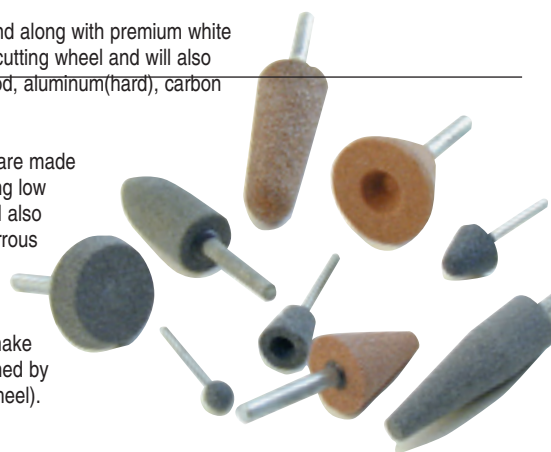
**Red General Purpose Mounted Points** - These vitrified wheels are made with a clay bond along with premium white ALUMINUM OXIDE. They are best suited for grinding hardened tool steels which require a softer cutting wheel and will also effectively grind other materials such as hardened steels, glass, 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.
- USE FACE PROTECTION AT ALL TIMES.
- DO NOT OPERATE A MOUNTED WHEEL WHICH IS NOT CAREFULLY MOUNTED AND RUNNING TRUE.

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.



# Heavy Duty Graphite Rolls

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

Price Per Roll



Size	Price
3" x 10 yards	\$92.15
4" x 10 yards	\$143.34
6" x 10 yards	\$184.30
9" x 10 yards	\$276.44
12" x 10 yards	\$373.98



## Graphite Sticks

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

Graphite Sticks \$33.39 each



## Grease Sticks

Grease Sticks \$20.51 each



## KLINGSPOR BACKING PADS



5" Kling-On  
No Hole  
SBP5K.....\$24.97



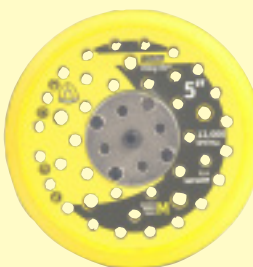
6" Kling-On  
No Holes  
SBP6K.....\$28.26



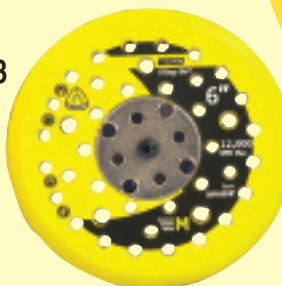
5" PSA  
No Hole  
SBP5P.....\$24.97



6" PSA  
No Holes  
SBP6P.....\$28.26



5" Kling-On  
Multi-Hole  
SBP5KMP ..\$33.23



6" Kling-On  
Multi-Hole  
SBP6KMP ..\$47.47

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



5" x No Hole Hook & Loop  
FJ70515 ..... \$27.08  
5" x 5 Hole Hook & Loop  
FJ70515-H5 ..... \$27.08

5" x No Hole PSA  
FJ70515V ..... \$38.23  
6" x No Hole Hook & Loop  
FJ70516 ..... \$30.96



**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**



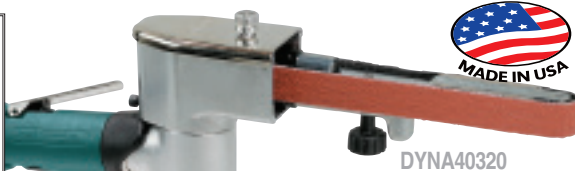
## Dynacushion Pneumatic Wheels

	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	92644	Heavy Duty			13204/205/209, 13515/519/520
		92848		1/2"-13 Thread					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	92647	Heavy Duty			13204, 13505, 13515, 13520
		92827		1/2"-13 Thread					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					
		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		92656	Heavy Duty			Not applicable
		92805		5/8"-11 Thread	94481	Standard			1/2": 13206, 13507
		92803	Aluminum	M14 x 2 Thread					
		92937	Aluminum	Universal 1/2", 5/8" or 3/4" Bore					
		92938	Composite	Universal 1/2", 5/8" or 3/4" Bore					

## 4" Diameter Extension Right Angle Cut-Off Wheel DYNAECU4



- Model accepts 4" (76 mm) diameter Type 01/41 reinforced
- Cut-Off Wheels, with 3/8" (9.5 mm) center hole
- Composite grip absorbs vibration and reduces cold air transmission to operator
- Quick change lever controls, multi-position guard
- Adjustable exhaust



DYNA40320

# Dynaflex® 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

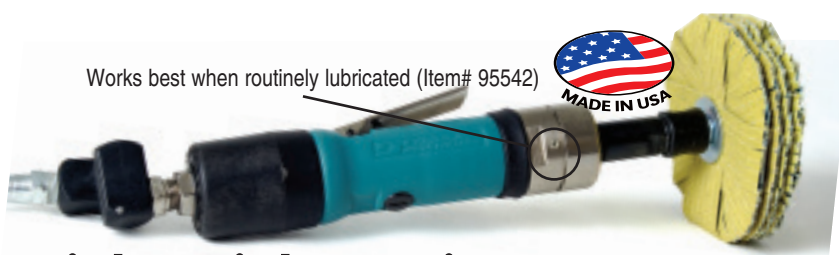
### KLINGSPOR PRODUCTS

- 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
<b>11203</b> Order 11312 for heavy-duty version. 	<ul style="list-style-type: none"> <li><b>Standard on Models 40335, 40610 and 40615</b></li> <li>Grind over contact wheel or platen</li> </ul>	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide; Soft
<b>11204, 11305</b> 	<ul style="list-style-type: none"> <li>Unique offset design</li> <li>Strap polishing is easy with this arm</li> </ul>	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
<b>11206</b> Order 11326 for heavy-duty version. 	<ul style="list-style-type: none"> <li><b>Standard on Models 15400, 40320, 40330 and 40381</b></li> </ul>	5/8" or 3/4" x 18"	11282 3/4" dia. x 5/8" wide, rubber	11109 3/4" wide; Hard
<b>11280</b> 	<ul style="list-style-type: none"> <li>Grind corners, enter grooves, strap polish</li> <li>"V" shape wheel</li> </ul>	1/8" or 1/4" x 18"	11086 1" dia. x 3/8" wide, urethane, tapered	None
<b>11304</b> "The Banana Arm" 	<ul style="list-style-type: none"> <li>Work on broad areas; levels in-line scratch; blend stainless</li> </ul>	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	11132 1/2" wide; Hard
<b>11312</b> 	<ul style="list-style-type: none"> <li>Heavy-duty steel</li> <li>Grind over contact wheel or platen</li> </ul>	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	11025 1/2" wide; Soft
<b>11320</b> Offset Arm 	<ul style="list-style-type: none"> <li>For flat grinding using platen at or near corners and edges of large radius round</li> <li>Contact wheel is offset to prevent gouging</li> </ul>	1/2" x 18"	5/8" dia. x 3/8" wide, rubber	11026 1/2" wide; Hard
<b>11321</b> 	<ul style="list-style-type: none"> <li><b>45 PSIG maximum</b></li> <li>Work on contact wheel or platen pad</li> </ul>	1/2" x 18"	11070 7/16" dia. x 3/8" wide, rubber	11025 1/2" wide; Soft
<b>11325</b> 	<ul style="list-style-type: none"> <li>For flat grinding and heavy stock removal</li> </ul>	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	11024 Steel Platen
<b>11360</b> 	<ul style="list-style-type: none"> <li>Unique offset design</li> <li>Grind over contact wheels or strap polish</li> </ul>	1/2" x 18"	11078 5/8" dia. x 3/8" wide, rubber	None



Works best when routinely lubricated (Item# 95542)



## Lightweight Dyninger DYNA52050

### 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



### ALSO AVAILABLE:

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

## Dynastraight® DYNA13204

### FEATURES

- 3,400 rpm
- Ideal set-up for Dynacushion® Wheel
- 5/8"-11 threaded arbor for use with pneumatic wheels
- Available combo arbor for wheels up to 3" wide and 5/8" or 1" diameter center hole
- Great for stainless steel work

### KLINGSPOR PRODUCTS

- 3 1/2" wide Non-Woven Belts
- SM611 Abrasive Flapwheels (up to 3,800 rpm) or 10" diameter
- VKM 630 Small Finishing Flapwheels
- 8" Sanding Stars
- Flutter Sheets
- 4" and 6" diameter Power Wheels

### ALSO AVAILABLE: Model 13205

13071 Combo Arbor for up to 3" wide wheels which have either 5/8" or 1" diameter center hole. Any Dynacushion® pneumatic wheel with 5/8" bore may also be mounted.



### DYNADGR31 - .3 HP

#### FEATURES:

- .3 hp / 16,000 RPM
- 1/4" collet / rear exhaust
- Gearless, smooth running air motor

#### KLINGSPOR PRODUCTS:

- 1" - 4" QDC's, QRC's, & QMC's
- Mini Flap Discs
- Unitized wheels
- Wire brushes with 1/4" shank

### DYNADGR51 - .5 HP

#### FEATURES:

- .5 hp / 14,000 RPM
- 1/4" collet / rear exhaust
- Gearless, smooth running air motor

#### KLINGSPOR PRODUCTS:

- 1" - 4" QDC's, QRC's, & QMC's
- Mini Flap Discs
- Unitized wheels
- Wire brushes with 1/4" shank



### 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)



### 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

FLAP DISCS

FIBRE DISCS

BONDED

NON-WOVEN

QUICK CHANGE

ROLLS

BELTS

DISCS

SHEETS

FLAPWHEELS

SPECIALTY

POWER TOOLS



## GRIT GRADING SYSTEMS

FEPA (P-Grade)	CAMI	Finishing Scale	Average Particle Size In Inches	Micron Scale $\mu$	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	•	•	.00018	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. 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  $\pm 10\%$  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. Custom size items cannot be returned. All products authorized for return must be properly packaged 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 non-refundable after one year.

## PRODUCT WARRANTY:

**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.

## 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	24-40
		Hard Metals: CS 308, CS 310, CS 412, CS 411, CS 922, CS 811YY	
Wide Belts:	Primary	Soft Metals: CS 311, CS 416, CS 920	40-60
		Hard Metals: CS 308, CS 310, CS 412, CS 411, CS 922	
	Intermediate	Soft Metals: CS 311, CS 416, CS 920	80-120
		Hard Metals: CS 308, CS 310, CS 412, CS 411, CS 922	
	Finish	Soft Metals: CS 311, CS 416	120 & Finer
		Hard Metals: CS 308, CS 310, CS 412, PS 20, PS 21	
Edge Sanding:		Soft Metals: CS 311, CS 416	80-180
		Hard Metals: CS 308, CS 310, CS 412, CS 411	
Stroke Sanding:		Soft Metals: CS 311, CS 922	80-180
		Hard Metals: CS 308, CS 310, CS 920, CS631	
Backstand:		Grinding CS 308, CS 310, CS 412, CS 311, CS 411, CS 920, CS 922, CS 811YY	24-60
		Finishing LS 309JF, LS 312, CS 922, GX 931, GX 712	80-400
Portable Belts:		CS 308, CS 310, CS 311, CS 412, CS 411	24-120



National Glass Association Member

KLINGSPOR Abrasives, Inc.  
PO Box 2367  
Hickory, North Carolina 28603-2367



American Welding Society Member



American Clean Power  
Association Member



2555 Tate Boulevard, S.E.,  
PO Box 2367  
Hickory, North Carolina 28603-2367

**Toll Free 800-645-5555**

Corporate 828-322-3030

Toll Free Fax 800-524-6758

**[www.klingspor.com](http://www.klingspor.com)**