



Product Guide Quick Change Products



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The Most Sanding Power For Your Money Since 1893!



The Company

KLINGSPOR is a manufacturer of sanding and grinding products for over 125 years. Our US headquarters in North Carolina offers high quality products for industrial applications including more than 50,000 tools for all your grinding, cutting, polishing and stock removal needs no matter which materials you need to work on.


Our Service

You will realize superior value with our combination of a great product line, a team of technical specialists and our factory-trained sales representatives all over the US helping you find the best product for your application.



Contact Information

Call Toll Free or visit us online.

 800-645-5555

 www.klingspor.com



The Quick Change System

Quick Change Discs are disposable discs with various backing and attachment methods. They offer instant disc changes and assure smooth running. The disc is always centered and does not shift on the machine. These products work well on flat and contoured surfaces.

Your Advantages

- ✓ Quick and safe product change
- ✓ Easy to use and smooth running
- ✓ No shifting of the product on the machine
- ✓ Long life discs
- ✓ Resistant to grinding heat
- ✓ Perfect for use in tight areas

Our Top Sellers

Connection Type	Abrasive Grain	Grit	Diameter	Item No.
QRC	non-woven	coarse	2"	QRCNWACRSE200
QRC	non-woven	coarse	3"	QRCNWACRSE300
QRC	non-woven	medium	2"	QRCNWAMED200
QRC	non-woven	medium	3"	QRCNWAMED300
QRC	Aluminum Oxide	grit 36	2"	QRC036AO200
QRC	Alumina Zirconia	grit 36	3"	QRC036ZR300
QMC	Alumina Zirconia Lubricated	grit 60	2"	QMC060ZRL200
QDC	Alumina Zirconia	grit 36	2"	QD036ZR200
QDC	Alumina Zirconia	grit 60	2"	QD060ZR200

Safety

oSa® - Organization for the Safety of Abrasives

Although defective abrasives can cause serious accidents, there are no globally binding safety requirements for abrasive products. KLINGSPOR is a founding member of the oSa® (Organization for the Safety of Abrasives). Abrasive manufacturers in this voluntary association commit to adhering all European safety standards applicable to abrasive tools and to promote and enforce stricter production and testing regulations.

The oSa label guarantees an extraordinary high level of safety.

The 7 criteria that guarantee oSa® safety

- ▶ Voluntary commitment of the manufacturer
- ▶ Testing facilities and expertise under the manufacturer's roof
- ▶ Certified quality management including documented processes
- ▶ Independent product tests
- ▶ Independent safety audits performed by external auditors
- ▶ Regular production monitoring and control
- ▶ Safety of products can be tracked all the way back to the manufacturer



Eye protection should always be worn when using any machine-operated abrasive product. Body protection should also be worn when appropriate. Look for safety warnings in your workplace and on abrasive products.

KLINGSPOR offers a full range of safety products.

RAD-SEQUEL



Light weight glasses with a full wraparound frame, comfortable to wear. Offer 'cheater' lenses in three different magnifications to bring small parts in focus. Magnifications: 1.5x / 2.0x / 2.5x

WORKER BEES



Scratch-resistant glasses with UV protection, fits over most prescription glasses.



BLUE LEATHER WELDING GLOVES

Blue regular split shoulder leather with a full sock jersey lining, cotton drill cuff lining and reinforced palm.

Industries

Aircraft

Materials: Soft Metals, Steel

Applications: Turbine weld grinding, cleaning, component polishing, interior restoration, painting, welding

Advantages: Our long lasting quick change discs are ideal for the usage in tight areas on all different shaped parts of an airplane, especially for working on interior components.



Marine

Materials: Fibre Glass, Gel Coats

Applications: Fibre glass and gelcoat applications, repair jobs, finishing

Advantages: Quick Change products offer instant disc changes for various sanding and grinding applications in the Marine Industry. The discs are ideal for the preparation and grinding of metal fiberglass and gel coats, but they also offer finishing solutions.



Fabricated Metal

Materials: Metal, Stainless Steel, Aluminum

Applications: Weld seams, polishing, stainless steel applications

Advantages: The Quick Change products work perfectly for weld seam applications in tight connection areas of pipes, railings or stair-cases. The Ceramic Lubricated grains are ideal to avoid discoloration on surfaces caused by the heat of the application.



Autobody

Materials: Sheet Steel, Hardened Steel

Applications: Smooth and remove burrs and weld seams

Advantages: Our double sided QDCs in particular help technicians in the Autobody Industry to access tight and difficult repair areas.



Connection Possibilities

QDC (Quick Disc Connect)

The QDC System replaces traditional quick change disc backings with a strong heat-resistant plastic that works in conjunction with the KLINGSPOR easy-to-use steel mandrel. Its T-lock top fits securely into the raised hub with a slot on the backing plate. Two different mandrels fit all disc sizes offered.



1. Utilize a unique locking system that is quick and dependable.
2. Our specially designed mandrel with a 1/4" shank has a T-Lock top that fits into a channel on the backing plate.
3. A simple 1/4 turn locks the mandrel in place.

Specials

Oversized

An oversized disc can be mounted on the backer of the disc. This gives flexibility to work corners that would normally cause damage to the mandrel or workpiece.



Double Sided

The system on our double sided discs allows the abrasive to be mounted on the reverse side of the disc. This supports grinding applications in very tight and difficult areas which you would not be able to reach otherwise.



QRC (Quick Roll Connect)

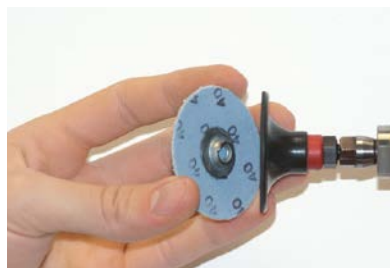
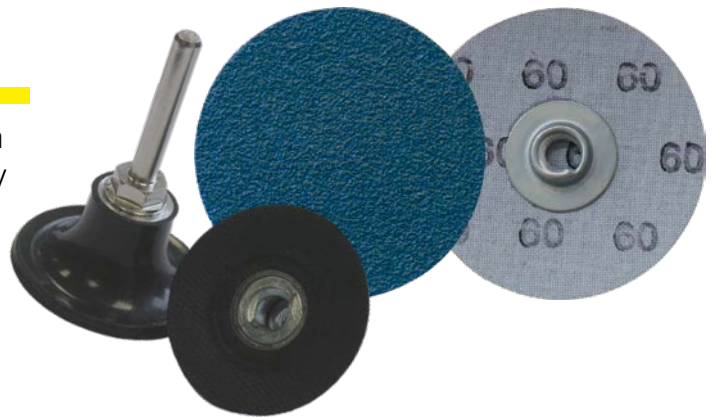
QRC discs have a common male hub directly on the disc back which mounts easily into our Quick Roll Connect holder or into the popular Roloc® holder pad. They are offered in several different grain types for the ideal result in different applications.



1. Make sure you have the correct holder pad for your disc.
2. Fix the disc to the holder pad using the threaded hub.
3. Secure by a clockwise half turn.

QMC (Quick Metal Connect)

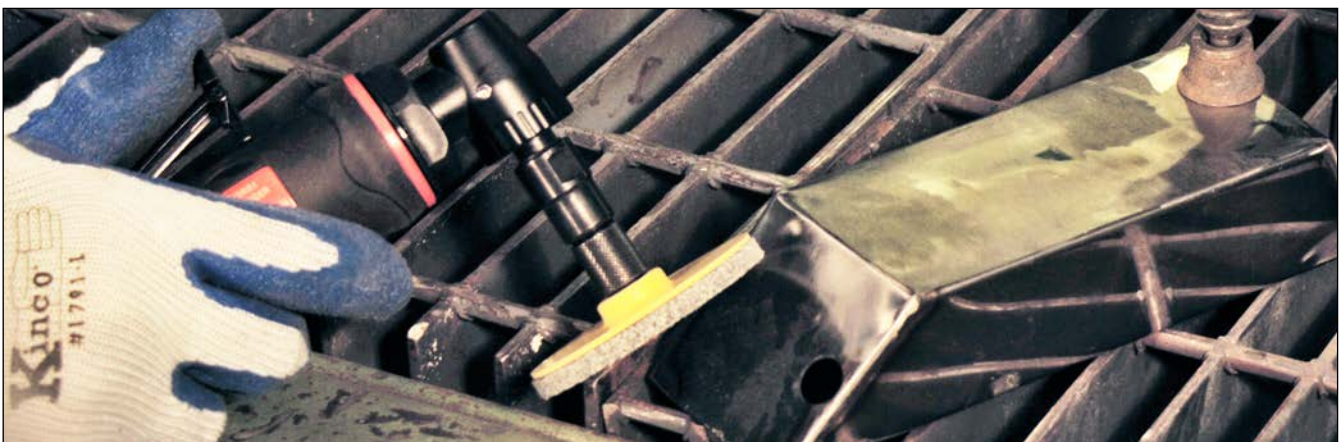
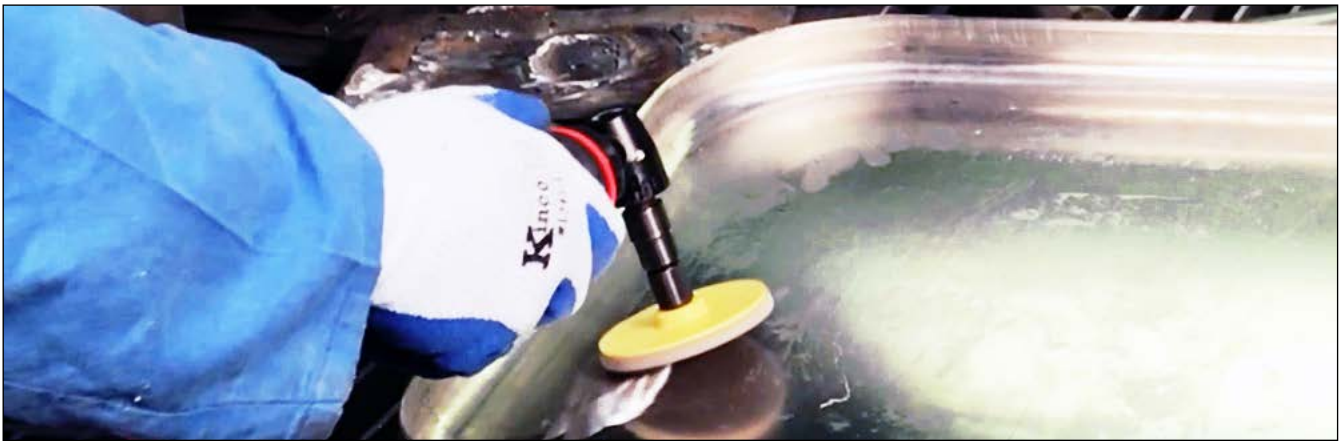
Quick Change Discs with metal locking are fixed on the holder pad by means of an internal thread. They are offered in several different grain types for the ideal result in different applications.



1. Make sure you have the correct holder pad for your disc.
2. Put the disc on the holder pad.
3. Screw it on the threaded pin.

Abrasive Options

Application	Recommended Material	Description	QDC	QMC	QRC	
Removal of material, Polishing		Aluminum Oxide	Preferred grain for wood applications, all-round solution for steel and NF metals	•	•	•
	Coated	Alumina Zirconia	Durable, aggressive grain for steel and stainless steel applications. Stainless steel applications often require a lubricated disc	•	•	•
		Ceramic	Aggressive grain for high stock removal on hard metals. Perfect for applications requiring aggression or disc longevity. Stainless steel applications require a lubricated disc.	•	•	•
Blending, Deburring	Non-woven	Heavy duty grade (Scrim backed)	Ideal option for light material removal and deburring	•	•	•
		Light grade (Buff&Blend)	Soft scratch pattern for surface conditioning and satin finish		•	•
Cleaning and surface conditioning	Power Disc	Compressed Nylon fibers embedded with silicon carbide grain	Recommended for removal of rust, scale, paint and other contaminants while leaving the workpiece intact	•		•
Polishing, Blending	Unitized	Compressed non-woven abrasive web	Excellent for polishing applications requiring a matte finish. Perfect to blend out scratches and for deburring and cleaning up harder metals	•		•



Our Product Range

QDC (Quick Disc Connect)

Must be used with the KLINGSPOR Steel mandrels (see page 11).



Standard

Grain	Diameter	Box Quantity	Max. Recommended RPM	Grit Range
Aluminum Oxide	3/4"	100	30,000	24-320
	1"	100	30,000	24-320
	1-1/2"	100	30,000	24-320
	2"	100	20,000	24-320
	3"	50	20,000	24-320
	4"	25	20,000	24-320
Alumina Zirconia	3/4"	100	30,000	24-120
	1"	100	30,000	24-120
	1-1/2"	100	30,000	24-120
	2"	100	20,000	24-120
	3"	50	20,000	24-120
	4"	25	20,000	24-120
Alumina Zirconia Lubricated	3/4"	100	30,000	36-120
	1"	100	30,000	36-120
	1-1/2"	100	30,000	36-120
	2"	100	20,000	36-120
	3"	50	20,000	36-120
	4"	25	20,000	36-120
Ceramic	2"	100	20,000	36-180
	3"	50	20,000	36-180
Ceramic Lubricated	2"	100	20,000	24-80
	3"	50	20,000	24-80
Non woven (Scrim backed)	2"	100	20,000	Coarse, Medium, Very Fine
	3"	50	20,000	Coarse, Medium, Very Fine
Non woven (Buff&Blend)	2"	100	18,000	Coarse, Medium, Very Fine
	3"	50	18,000	Coarse, Medium, Very Fine

Double Sided

Grain	Diameter	Box Quantity	Max. Recommended RPM	Grit Range
Aluminum Oxide	2"	100	20,000	24-80
	3"	50	20,000	24, 36, 80
Alumina Zirconia	2"	100	20,000	50, 60
	3"	50	20,000	24
Alumina Zirconia Lubricated	3"	50	20,000	60
Ceramic	2"	100	20,000	36, 40

Steel Mandrels for QDC

Shank: 1/4"



Type	Diameters in "
SL 100	3/4, 1, 1-1/2
SL 101	2, 3, 4



Our Tip:

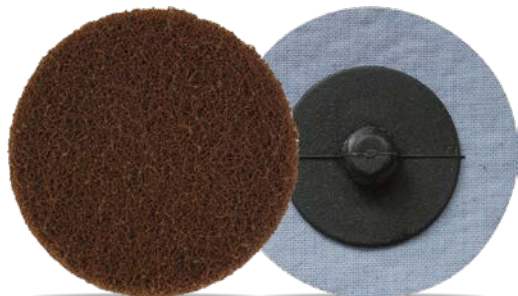
Due to the small steel mandrels QDC discs fit perfectly in tight areas like thin cavities.

The plastic bottom gives great support especially for grinding in coarse grits.

QRC (Quick Roll Connect)

Must be used with the KLINGSPOR Holder pads (see page 14).

Check the recommended speed ranges on our holder pads for maximum RPM of the discs.



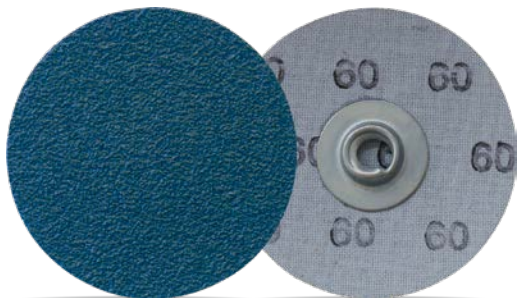
Grain	Diameter	Box Quantity	Grit Range
Aluminum Oxide	1-1/2"	100	24-320
	2"	100	24-320
	3"	50	24-320
Alumina Zirconia	1-1/2"	100	24-120
	2"	100	24-120
	3"	50	24-120
Alumina Zirconia Lubricated	2"	100	36-120
	3"	50	36-120
Ceramic	2"	100	36-180
	3"	50	36-180
Ceramic Lubricated	2"	100	24-80
	3"	50	24-80
Non woven (Scrim)	2"	25	Medium, Fine, Very Fine
	3"	25	Medium, Fine, Very Fine
Non woven (Buff&Blend)	2"	25	Medium, Fine, Very Fine
	3"	25	Medium, Fine, Very Fine

⚠ All products mentioned in this catalog can create dust by deburring, sanding, drilling, cleaning and brushing activities. This can contain chemicals that are known by the state of California to cause cancer and birth defects or other reproductive harm. Avoid inhaling particle dust or use a dust mask or other safety guards for personal protection. They can also expose you to Titanium Dioxide, or chemicals including Titanium Dioxide, which are known to the state of California to cause cancer. Have a look on the back side of this book to learn more about the California Proposition 65 warnings.

QMC (Quick Metal Connect)

Must be used with the KLINGSPOR Holder pads (see page 14).

Check the recommended speed ranges on our holder pads for maximum RPM of the discs.



Grain	Diameter	Box Quantity	Grit Range
Aluminum Oxide	1-1/2"	100	24-320
	2"	100	24-320
	3"	50	24-320
Alumina Zirconia	1-1/2"	100	24-120
	2"	100	24-120
	3"	50	24-120
Alumina Zirconia Lubricated	2"	100	36-120
	3"	50	36-120
Ceramic	2"	100	36-180
	3"	50	36-180
Ceramic Lubricated	2"	100	24-80
	3"	50	24-80
Non woven (Scrim)	2"	25	Medium, Fine, Very Fine
	3"	25	Medium, Fine, Very Fine
Non woven (Buff&Blend)	2"	25	Medium, Fine, Very Fine
	3"	25	Medium, Fine, Very Fine

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Holder Pads for QRC & QMC

Diameter	Density	Max. Recommended RPM
1-1/2"	Medium	25,000
1-1/2"	Firm	30,000
2"	Medium	25,000
2"	Firm	30,000
3"	Medium	25,000
3"	Firm	30,000



DENSITY

The density of the holder pad you should use depends on your application. Firm holder pads allow more aggression and support high stock removal rates. Medium holder pads are suitable for working on contoured surfaces and finish sanding.

Quick Change Power Discs

Quick Change Power Discs consist of non-woven material which makes them the perfect option to strip paint, remove rust, scale and other surface contaminants. You can choose between a QDC and QRC connection. Sold in boxes of 10.

Diameter	Connection
2"	QRC
2" on 1-1/2" QD backer	QDC
3"	QRC
3" on 1-1/2" QD backer	QDC



Our Tip:

Discs with a backer smaller than the disc diameter offer more flexibility.

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Mini Flap Discs

Mini Flap Discs are ideal for removal and blending in tight areas. They are offered with a QRC connection for fast and convenient changeover. Sold in boxes of 10.

Grain	Diameter	Max. Recommended RPM	Grit Range
Alumina	2"	30,000	36-120
Zirconia	3"	20,000	36-120
Ceramic	2"	30,000	36-80
	3"	20,000	26-80



Quick Change Wheels (Unitized)

Unitized discs are excellent for polishing applications requiring a matte finish. They are perfect to blend out scratches or for deburring and cleaning up harder metals. We offer them with QDC and QRC connection. Thickness: 1/4"

Type	Density	Grit	Grain
2AM	Low	Medium	Aluminum Oxide
2SF	Low	Fine	Silicium Carbide
3SF	Medium / Low	Fine	Silicium Carbide
4AF	Medium	Fine	Aluminum Oxide
4SF	Medium	Fine	Silicium Carbide
6AF	Medium / High	Fine	Aluminum Oxide
6SF	Medium / High	Fine	Silicium Carbide
8AM	High	Medium	Aluminum Oxide
9AC	High	Coarse	Aluminum Oxide



Diameter	Max. Recommended RPM	Ideal Performance Speed
1"	30,000	18,000
1-1/2"	25,000	18,000
2"	25,000	18,000
3"	20,000	12,000
4"	20,000	12,000

DENSITY

Unitized Quick Change Wheels in a lower density are great for polishing. They are excellent to blend out scratches. Wheels with a higher density should be used for deburring and cleaning up of hard metals.

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⚠️ WARNINGS

for more information , go to www.P65Warnings.ca.gov.

All products mentioned in this catalog can create dust by deburring, sanding, drilling, cleaning and brushing activities. This can contain chemicals that are known by the state of California to cause cancer and birth defects or other reproductive harm. Avoid inhaling particle dust or use a dust mask or other safety guards for personal protection.

They can also expose you to Titanium Dioxide, or chemicals including Titanium Dioxide, which are known to the state of California to cause cancer.

All products have one or more of the following warning labels according to their ingredients.



WARNING: Dust created by deburring, sanding, sawing, drilling, cleaning, and brushing activities can contain chemicals that are known by the state of California to cause cancer and birth defects or other reproductive harm. Avoid inhaling particle dust or use a dust mask or other safeguards for personal protection. For more information, go to www.P65Warnings.ca.gov. **ADVERTENCIA:** El polvo creado por las actividades de desbarbado, lijado, aserrado, taladrado, limpieza y cepillado puede contener sustancias químicas que el estado de California sabe que causan cáncer y defectos de nacimiento u otros daños reproductivos. Evite inhalar polvo de partículas o use una máscara de polvo u otras protecciones para la protección personal. Para obtener más información, vaya a www.P65Warnings.ca.gov.



WARNING: This product can expose you to Titanium Dioxide, which is known to the state of California to cause cancer. For more information , go to www.P65Warnings.ca.gov. **ADVERTENCIA:** Este producto puede exponerle a Dióxido de titanio, que es conocido por el Estado de California como causante de cáncer. Para mayor información, visite www.P65warnings.ca.gov.



WARNING: This product can expose you to chemicals including Dimethylformamide, which are known to the state of California to cause cancer. For more information , go to www.P65Warnings.ca.gov. **ADVERTENCIA:** Este producto puede exponerle a productos químicos, incluido dimethylformamida, que el estado de California sabe que causa cáncer. Para obtener más información, visite www.P65warnings.ca.gov.

We also offer:



Fibre Discs



Flap Discs



**Abrasive Discs, Sheets,
Rolls & Belts**



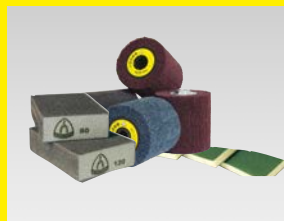
Flap Wheels



Carbide Burrs



**Cut-off wheels
& Grinding discs**



**Non-woven
Abrasives**



Power Tools



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