

KLINGSPOR Quick Change Discs are designed for use on pneumatic and electric die grinders. The Quick Change Discs allow a fast and safe tool change.

Applications:

- Tool design and construction
- Aviation industry
- Engine construction
- Turbine blade construction
- Mold construction
- Container and apparatus construction
- Model building / model making







Advantages:

- Simple and fast disc changes reduce set-up times
- No clip or Velcro so no slipping or release caused by heat
- Disc stays centered
- Simple handling and smooth running characteristics
- Diverse applications thanks to different dimensions and backing plate hardnesses



Minimum order quantities for manufactured items

QCD	Diameter	Minimum order quantities
QRC / QMC 412 QRC / QMC 411 QRC / QMC 409 QRC / QMC 910	25 mm	1,700 pieces
	38 mm	1,200 pieces
	50 mm	900 pieces
	76 mm	600 pieces
QRC / QMC 800	38 mm	400 pieces
	50 mm	350 pieces
	76 mm	350 pieces
QRC / QMC 400	38 mm	700 pieces
	50 mm	500 pieces
	76 mm	375 pieces

Coated abrasive	Type	Page	Grain	Coating	Characteristics
	QMC/QRC 412	144, 149	Aluminium oxide	●	The versatile disc for coarse and intermediate grinding on metal
	QMC/QRC 411	145, 150	Zirconia alumina	●	High stock removal rate for rough grinding and deburring of stainless steel and steel
	QMC/QRC 409	146, 151	Zirconia alumina	●	Extremely high stock removal rate and long service life for stainless steel and high-alloy steels with multibond for cool grinding
	QMC/QRC 910	147, 152	Ceramic aluminium oxide	●	Extremely sharp ceramic grain for highest aggressivity and multibond for cool grinding
	QMC/QRC 400	148, 152	Aluminium oxide		Soft non-woven web disc for finishing and cleaning work
	QMC/QRC 800	148, 153	Aluminium oxide		Firm surface conditioning disc for cleaning and light de-burring work, blending and processing of grinding marks



The right choice of the backing pad

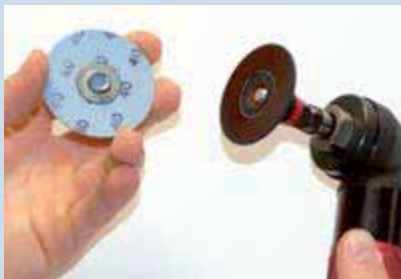
Backing pads for quick change discs are available in grades according to the required application. The firmer the backing pad the higher the stock removal rate. Softer backing plates are suited to working on contoured surfaces and finish sanding.

The QCA 555 (art. no. 308693) allows use on a regular angle grinder.

Please observe the max. RPM for the backing pads in the product chart.

Two fastening systems have prevailed on the market for the product group 'Quick Change Discs'. KLINGSPOR can offer you both, Quick Metal Connect and Quick Roll Connect, for all available types.

The system QMC (Quick Metal Connect)



The Quick Change Discs with metal locking are fixed on the backing pad by means of an internal thread.

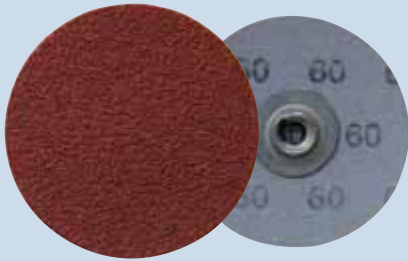
The system QRC (Quick Roll Connect)



Fix the Quick Change Disc to the backing plate using the plastic threaded bushing and secure by turning 180° clockwise.

Quick Change Disc
QMC 412
Advantages

For universal use in coarse and intermediate grinding


Applications:

- Metals
- NF metals

Bonding agent

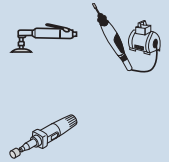
Resin

Grain

Aluminium oxide

Coating

Close


Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
			■	■	■	■	■	■	■	■	■		■		■										

Diameter in mm	Grit	Packing unit/pcs.	Cat. number		
25	36	100	295112		
25	40	100	295113		
25	50	100	295114		
25	60	100	295155		
25	80	100	295156		
25	100	100	295157		
25	120	100	295158		
25	150	100	295159		
25	180	100	295160		
25	240	100	295161		
25	320	100	295162		
38	36	100	295174		
38	40	100	295175		
38	50	100	295176		
38	60	100	295177		
38	80	100	295178		
38	100	100	295179		
38	120	100	295180		
38	150	100	295181		
38	180	100	295182		
38	240	100	295183		
38	320	100	295184		
50	36	100	295196		
50	40	100	295197		
50	50	100	295198		
50	60	100	295199		
50	80	100	295200		
50	100	100	295201		
50	120	100	295202		
50	150	100	295203		
50	180	100	295204		
50	240	100	295205		
50	320	100	295206		
76	36	50	295218		
76	40	50	295219		

Backing pad see page 149.

Continuation →

Other grits and sizes available on request.

Please observe: Minimum order quantities for manufactured items see page 142; Please see Applications Guide on page 142 - 143.



Continuation of QMC 412, Quick Change Disc

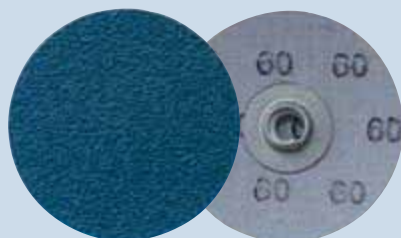
Diameter in mm	Grit	Packing unit/pcs.	Cat. number
76	50	50	295220
76	60	50	295221
76	80	50	295222
76	100	50	295223
76	120	50	295224
76	150	50	295225
76	180	50	295226
76	240	50	295227
76	320	50	295228

Backing pad see page 149.

Quick Change Disc QMC 411

Advantages

Aggressive abrasive behavior due to self-sharpening zirconia alumina ■ High removal rate on steel and stainless steel



Applications:

- Stainless steel
- Metals

Bonding agent

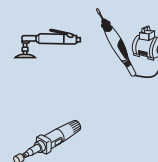
Resin

Grain

Zirconia alumina

Coating

Close



Strips / Sheets / Discs

Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
			■	■	■	■	■		■																

Diameter in mm	Grit	Packing unit/pcs.	Cat. number
38	36	100	295288
38	40	100	295289
38	60	100	295291
38	80	100	295292
38	120	100	295293
50	36	100	295300
50	40	100	295301
50	50	100	295302
50	60	100	295303
50	80	100	295304
50	120	100	295305
76	36	50	295312
76	40	50	295313
76	50	50	295314
76	60	50	295315
76	80	50	295316
76	120	50	295317

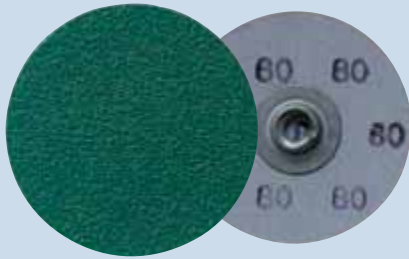
Backing pad see page 149.

Other grits and sizes available on request.

Please observe: Minimum order quantities for manufactured items see page 142; Please see Applications Guide on page 142 - 143.

Quick Change Disc
QMC 409
Advantages

High removal rate on stainless steel and high-alloy steels ■ Multibond allows cool grinding on stainless steel ■ Minimal clogging on aluminum


Applications:

- Stainless steel
- Metals

Bonding agent

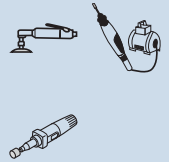
Resin

Grain

Zirconia alumina

Coating

Close


Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
			■	■	■	■	■		■																

Diameter in mm	Grit	Packing unit/pcs.	Cat. number		
38	36	100	295324		
38	60	100	295327		
38	80	100	295328		
38	120	100	297720		
50	36	100	295334		
50	40	100	295335		
50	60	100	295337		
50	80	100	295338		
50	120	100	295339		
76	36	50	295346		
76	40	50	295347		
76	60	50	295349		
76	80	50	295350		
76	120	50	297324		

Backing pad see page 149.

Other grits and sizes available on request.

Please observe: Minimum order quantities for manufactured items see page 142; Please see Applications Guide on page 142 - 143.

Quick Change Discs

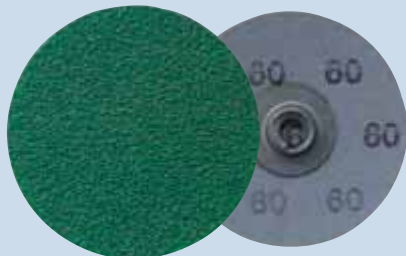
Quick Metal Connect



KLINGSPUR

Quick Change Disc

QMC 910



Advantages

Extremely high removal rate on stainless steel due to micro-crystalline and self-sharpening ceramic grit ■ Continuously aggressive abrasive properties ■ Multibond allows cool grinding on stainless steel

Applications:

- Stainless steel
- High alloy steel

Bonding agent

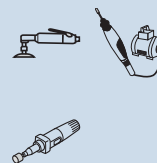
Resin

Grain

Ceramic Al. oxide

Coating

Close



Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
			■	■	■	■	■																		

Diameter in mm	Grit	Packing unit/pcs.	Cat. number		
38	40	100	295357		
38	60	100	295359		
38	80	100	295360		
50	36	100	295366		
50	40	100	295367		
50	50	100	295368		
50	60	100	295369		
50	80	100	295370		
76	36	50	295376		
76	40	50	295377		
76	50	50	295378		
76	60	50	295379		
76	80	50	295380		

Backing pad see page 149.

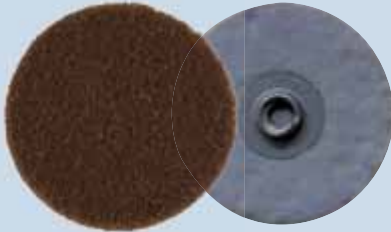
Strips / Sheets / Discs

Other grits and sizes available on request.

Please observe: Minimum order quantities for manufactured items see page 142; Please see Applications Guide on page 142 - 143.

Quick Change Disc
QMC 400
Advantages

Suitable for surface finishing work ■ For cleaning work on metals and painted surfaces


Applications:

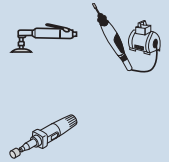
- Paint/Varnish/Filler
- Metals

Bonding agent

Resin

Grain

Aluminium oxide

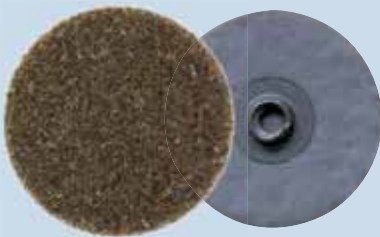


Diameter in mm	Grade	Packing unit/pcs.	Cat. number		
38	medium	100	295386		
38	fine	100	295387		
38	very fine	100	295388		
50	medium	50	295392		
50	fine	50	295393		
50	very fine	50	295394		
76	medium	25	295398		
76	fine	25	295399		
76	very fine	25	295400		

Backing pad see page 149.

Quick Change Disc
QMC 800
Advantages

For light deburring ■ For removal of rust and paint ■ Long life due to hard, stable quality of non-woven web material


Applications:

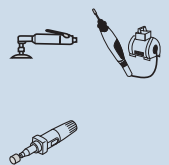
- Metals
- Paint/Varnish/Filler

Bonding agent

Resin

Grain

Aluminium oxide



Diameter in mm	Grade	Packing unit/pcs.	Cat. number		
38	coarse	100	295404		
38	medium	100	295405		
38	very fine	100	295406		
50	coarse	50	295410		
50	medium	50	295411		
50	very fine	50	295412		
76	coarse	25	295416		
76	medium	25	295417		
76	very fine	25	295418		

Backing pad see page 149.

Other grits and sizes available on request.

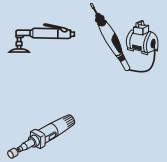
Please observe: Minimum order quantities for manufactured items see page 142; Please see Applications Guide on page 142 - 143.

Backing pad QMC 555



Advantages

For secure mounting of QMC discs ■ Optimized abrasive properties (aggressiveness, surface quality) due to three hardnesses



Diameter x Shaft in mm	Density	Colour	Max, RPM	Packing unit/pcs.	Cat. number		
25 x 6	soft	Grey	30,000 rpm	1	300056		
25 x 6	medium	Blue	30,000 rpm	1	295422		
38 x 6	soft	Grey	30,000 rpm	1	300058		
38 x 6	medium	Blue	30,000 rpm	1	295424		
38 x 6	firm	Red	30,000 rpm	1	300059		
50 x 6	soft	Grey	30,000 rpm	1	300060		
50 x 6	medium	Blue	30,000 rpm	1	295426		
50 x 6	firm	Red	30,000 rpm	1	295427		
76 x 6	soft	Grey	20,000 rpm	1	300061		
76 x 6	medium	Blue	20,000 rpm	1	295430		
76 x 6	firm	Red	20,000 rpm	1	295431		

Strips / Sheets / Discs

Quick Change Disc QRC 412



Advantages

For universal use in coarse and intermediate grinding

Applications:

- Metals
- NF metals

Bonding agent

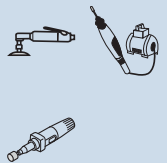
Resin

Grain

Aluminium oxide

Coating

Close



Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
			■	■	■	■	■	■	■	■	■		■		■										

Diameter in mm	Grit	Packing unit/pcs.	Cat. number		
25	80	100	295167		
25	120	100	295169		
38	80	100	295189		
38	120	100	295191		

Backing pad see page 153.

Continuation →

Other grits and sizes available on request.

Please observe: Minimum order quantities for manufactured items see page 142; Please see Applications Guide on page 142 - 143.

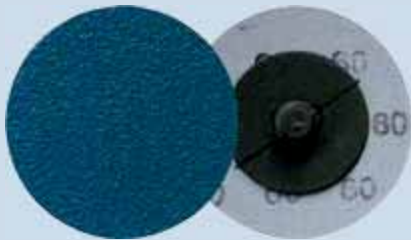
Continuation of QRC 412, Quick Change Disc

Diameter in mm	Grit	Packing unit/pcs.	Cat. number
50	36	100	295207
50	40	100	295208
50	60	100	295210
50	80	100	295211
50	120	100	295213
76	36	50	295229
76	60	50	295232
76	80	50	295233
76	120	50	295235

Backing pad see page 153.

Quick Change Disc
QRC 411
Advantages

Aggressive abrasive behavior due to self-sharpening zirconia alumina ■ High removal rate on steel and stainless steel


Applications:

- Stainless steel
- Metals

Bonding agent

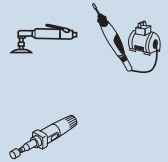
Resin

Grain

Zirconia alumina

Coating

Close


Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
			■	■	■	■	■		■																

Diameter in mm	Grit	Packing unit/pcs.	Cat. number
38	40	100	295295
38	60	100	295297
50	36	100	295306
50	40	100	295307
50	60	100	295309
50	80	100	295310
50	120	100	295311
76	36	50	295318
76	40	50	295319
76	60	50	295321
76	80	50	295322
76	120	50	295323

Backing pad see page 153.

Other grits and sizes available on request.

Please observe: Minimum order quantities for manufactured items see page 142; Please see Applications Guide on page 142 - 143.



Quick Change Disc

QRC 409



Advantages

High removal rate on stainless steel and high-alloy steels ■ Multibond allows cool grinding on stainless steel ■ Minimal clogging on aluminum

Applications:

- Stainless steel
- Metals

Bonding agent

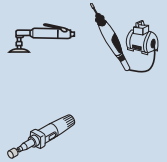
Resin

Grain

Zirconia alumina

Coating

Close



Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
			■	■	■	■	■		■																

Diameter in mm	Grit	Packing unit/pcs.	Cat. number		
50	36	100	295340		
50	60	100	295343		
50	80	100	295344		
50	120	100	295345		
76	36	50	295351		

Backing pad see page 153.

Strips / Sheets / Discs

Other grits and sizes available on request.

Please observe: Minimum order quantities for manufactured items see page 142; Please see Applications Guide on page 142 - 143.

Quick Change Disc
QRC 910

Advantages

Extremely high removal rate on stainless steel due to micro-crystalline and self-sharpening ceramic grit ■ Continuously aggressive abrasive properties ■ Multibond allows cool grinding on stainless steel

Applications:

- Stainless steel
- High alloy steel

Bonding agent

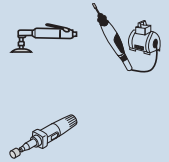
Resin

Grain

Ceramic Al. oxide

Coating

Close


Available grits:

16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
			■	■	■	■	■																		

Diameter in mm	Grit	Packing unit/pcs.	Cat. number
50	40	100	295372
50	60	100	295374
50	80	100	295375
76	40	50	295382
76	60	50	295384
76	80	50	295385

Backing pad see page 153.

Quick Change Disc
QRC 400

Advantages

Suitable for surface finishing work ■ For cleaning work on metals and painted surfaces

Applications:

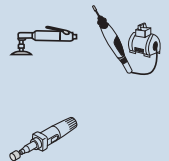
- Paint/Varnish/Filler
- Metals

Bonding agent

Resin

Grain

Aluminium oxide



All sizes and minimum purchasing quantities available on request

Backing pad see page 153.

Other grits and sizes available on request.

Please observe: Minimum order quantities for manufactured items see page 142; Please see Applications Guide on page 142 - 143.

Quick Change Discs

Quick Roll Connect

Quick Change Disc

QRC 800



Advantages

For light deburring ■ For removal of rust and paint ■ Long life due to hard, stable quality of non-woven web material

Applications:

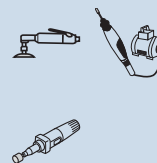
- Metals
- Paint/Varnish/Filler

Bonding agent

Resin

Grain

Aluminium oxide



Diameter in mm	Grade	Packing unit/pcs.	Cat. number		
50	coarse	50	295413		
50	medium	50	295414		
50	very fine	50	295415		
76	coarse	25	295419		
76	medium	25	295420		

Backing pad see page 153.

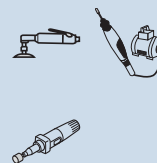
Backing pad

QRC 555



Advantages

For secure mounting of QRC discs ■ Optimized abrasive properties (aggressiveness, surface quality) due to two hardnesses



Diameter x Shaft in mm	Density	Colour	Max, RPM	Packing unit/pcs.	Cat. number		
25 x 6	medium	Blue	30,000 rpm	1	295423		
38 x 6	medium	Blue	30,000 rpm	1	295425		
50 x 6	medium	Blue	30,000 rpm	1	295428		
50 x 6	firm	Red	30,000 rpm	1	295429		
76 x 6	medium	Blue	20,000 rpm	1	295432		
76 x 6	firm	Red	20,000 rpm	1	295433		

Other grits and sizes available on request.

Please observe: Minimum order quantities for manufactured items see page 142; Please see Applications Guide on page 142 - 143.