



KLINGSPOR fibre discs have high material removal rates and service lives and produce an optimal finish. Suitable backing plates complete the product range.

Areas of use are steel, stainless steel, non-ferrous metal and cast iron. The comprehensive grit range makes it possible to select the right tool for every application. Even the most difficult of surfaces can be worked on easily with the fibre discs.

KLINGSPOR abrasive fibre discs are outstanding for rough grinding and sanding, de-rusting metal parts, de-burring and grinding welded seams. These discs are also suitable for precision finishing work on metals.

The state-of-the-art laser cutting technology allows special shapes for specific applications (see picture below)

Minimum order quantities for manufactured items

Disc diameter	Min. order quantities
up to 230 mm	1,000 pieces

Quality and performance

- Low clogging rate
- Above average long service life
- Even grinding finish
- Cool grinding

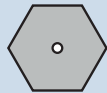
Hole pattern for fibre discs



10 = round hole



30 = star shaped hole



Additional special cutting shapes are available on request. Please ask us!



Applications Fibre Discs						
Application	Type	Grain	Backing	Coating	Characteristics	Page
Steel, NF metals	CS 561	Aluminium oxide	Fibre	●	Abrasive fibre disc for working on steel and NF metals	93, 95
Steel, stainless steel	FS 764 ACT	Aluminium oxide	Fibre	●	Abrasive fibre disc for processing steel and non-ferrous metals. High aggressiveness and long service life due to new Advanced Coating Technology	96
	CS 565	Zirconia alumina	Fibre	●	Abrasive fibre disc with high stock removal rate for rough grinding and deburring of steel and stainless steel	97, 98
Stainless steel	CS 570	Zirconia alumina	Fibre	●	High-performance fibre disc with additional multibond for high stock removal rate and long service life for cool grinding on stainless steel and high-alloy steel, especially for surface grinding	99
	FS 966 ACT	Ceramic aluminium oxide	Fibre	●	High-performance fibre disc with very high stock removal rate and extremely long service life, with self-sharpening ceramic grain for the processing of high-alloy steel, multibond for cool grinding. Improved grit adhesion due to new Advanced Coating Technology	101

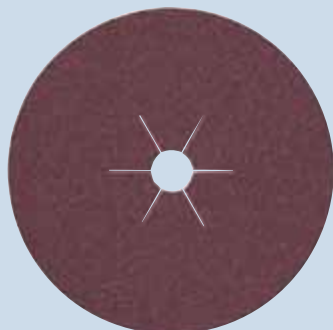
● = close ○ = semi-open ○ = open

Abrasive fibre disc

CS 561

Advantages

For universal use ■ Largest selection of diameters, grit sizes and hole patterns



Applications:

- Steel
- NF metals
- Metals
- Plastic
- Stainless steel
- Wood

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 x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number		
100 x 16	16	⊙ 10	25	65708		
100 x 16	24	⊙ 10	25	65713		
100 x 16	36	⊙ 10	25	65718		
100 x 16	40	⊙ 10	25	65720		
100 x 16	50	⊙ 10	25	65725		
100 x 16	60	⊙ 10	25	65730		
100 x 16	80	⊙ 10	25	65735		
100 x 16	100	⊙ 10	25	65739		
100 x 16	120	⊙ 10	25	65743		
115 x 22	16	⊙ 10	25	66302		
115 x 22	24	⊙ 10	25	72298		
115 x 22	36	⊙ 10	25	66308		
115 x 22	40	⊙ 10	25	72192		
115 x 22	50	⊙ 10	25	66313		
115 x 22	60	⊙ 10	25	66318		
115 x 22	80	⊙ 10	25	25472		
115 x 22	100	⊙ 10	25	66322		
115 x 22	120	⊙ 10	25	66327		
115 x 22	16	⊗ 30	25	10977		
115 x 22	24	⊗ 30	25	10978		
115 x 22	30	⊗ 30	25	10979		
115 x 22	36	⊗ 30	25	10980		
115 x 22	40	⊗ 30	25	10981		
115 x 22	50	⊗ 30	25	10982		
115 x 22	60	⊗ 30	25	10983		
115 x 22	80	⊗ 30	25	10984		
115 x 22	100	⊗ 30	25	10985		
115 x 22	120	⊗ 30	25	10986		
115 x 22	150	⊗ 30	25	10987		
115 x 22	180	⊗ 30	25	10988		
115 x 22	220	⊗ 30	25	10989		
115 x 22	240	⊗ 30	25	10990		
115 x 22	320	⊗ 30	25	10992		
125 x 22	16	⊙ 10	25	66354		

Dispenser see page 99 / Backing pads see page 102

Continuation →

Please observe: Minimum order quantities for manufactured items see page 92; Please see Applications Guide on page 92.

Continuation of CS 561, Abrasive fibre disc

Diameter x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number		
125 x 22	24	⊙ 10	25	66358		
125 x 22	36	⊙ 10	25	66364		
125 x 22	40	⊙ 10	25	66366		
125 x 22	50	⊙ 10	25	66371		
125 x 22	60	⊙ 10	25	66376		
125 x 22	80	⊙ 10	25	70439		
125 x 22	100	⊙ 10	25	66379		
125 x 22	120	⊙ 10	25	66383		
125 x 22	16	⊛ 30	25	11009		
125 x 22	24	⊛ 30	25	11010		
125 x 22	30	⊛ 30	25	11011		
125 x 22	36	⊛ 30	25	11012		
125 x 22	40	⊛ 30	25	11013		
125 x 22	50	⊛ 30	25	11014		
125 x 22	60	⊛ 30	25	11015		
125 x 22	80	⊛ 30	25	11016		
125 x 22	100	⊛ 30	25	11017		
125 x 22	120	⊛ 30	25	11018		
125 x 22	150	⊛ 30	25	11019		
125 x 22	180	⊛ 30	25	11020		
125 x 22	220	⊛ 30	25	11021		
125 x 22	240	⊛ 30	25	11022		
125 x 22	320	⊛ 30	25	11024		
150 x 22	24	⊛ 30	25	11042		
150 x 22	36	⊛ 30	25	11044		
150 x 22	40	⊛ 30	25	11045		
150 x 22	60	⊛ 30	25	11047		
150 x 22	80	⊛ 30	25	11048		
150 x 22	120	⊛ 30	25	11050		
180 x 22	16	⊙ 10	25	66443		
180 x 22	24	⊙ 10	25	66451		
180 x 22	36	⊙ 10	25	66459		
180 x 22	40	⊙ 10	25	70447		
180 x 22	50	⊙ 10	25	70448		
180 x 22	60	⊙ 10	25	70449		
180 x 22	80	⊙ 10	25	66465		
180 x 22	100	⊙ 10	25	66469		
180 x 22	120	⊙ 10	25	66472		
180 x 22	16	⊛ 30	25	11057		
180 x 22	24	⊛ 30	25	11058		
180 x 22	30	⊛ 30	25	11059		
180 x 22	36	⊛ 30	25	11060		
180 x 22	40	⊛ 30	25	11061		
180 x 22	50	⊛ 30	25	11062		
180 x 22	60	⊛ 30	25	11063		
180 x 22	80	⊛ 30	25	11064		
180 x 22	100	⊛ 30	25	11065		
180 x 22	120	⊛ 30	25	11066		
180 x 22	150	⊛ 30	25	11067		
180 x 22	180	⊛ 30	25	11068		
180 x 22	220	⊛ 30	25	11069		
180 x 22	240	⊛ 30	25	11070		
180 x 22	320	⊛ 30	25	11072		
235 x 22	24	⊙ 10	25	66497		

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Continuation →

Please observe: Minimum order quantities for manufactured items see page 92; Please see Applications Guide on page 92.

Continuation of CS 561, Abrasive fibre disc

Diameter x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number		
235 x 22	36	⊙ 10	25	66502		
235 x 22	40	⊙ 10	25	66504		
235 x 22	60	⊙ 10	25	66511		
235 x 22	80	⊙ 10	25	66514		

Abrasive fibre disc

CS 561



Advantages

For universal use ■ Largest selection of diameters, grit sizes and hole patterns ■ Special large package reduces storage costs

Applications:

- Steel
- NF metals
- Metals
- Plastic
- Stainless steel
- Wood

Bonding agent

Resin

Grain

Aluminium oxide

Coating

Close



Available grits:

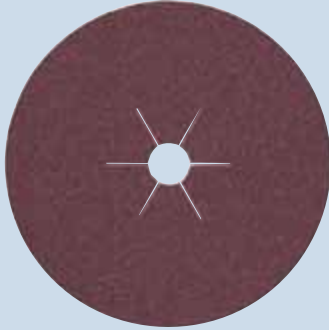
16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
■	■	■	■	■	■	■	■	■	■	■	■	■	■		■										

Diameter x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number		
115 x 22	24	⊗ 30	50	311520		
115 x 22	36	⊗ 30	50	311521		
115 x 22	40	⊗ 30	50	311518		
115 x 22	60	⊗ 30	50	311524		
125 x 22	36	⊗ 30	50	311523		
125 x 22	40	⊗ 30	50	311549		
125 x 22	60	⊗ 30	50	311547		
125 x 22	80	⊗ 30	50	311548		

Dispenser see page 99 / Backing pads see page 102

Abrasive fibre disc
FS 764 ACT
Advantages

For universal use ■ Increased removal rate and outstanding grit adhesion due to special ACT recipe ■ Long service life ■ Also suitable for stainless steel


Applications:

- Steel
- Stainless steel
- Metals
- Plastic
- NF metals
- Wood

Bonding agent

Resin

Grain

Aluminium oxide

Coating

Close


Available grits:

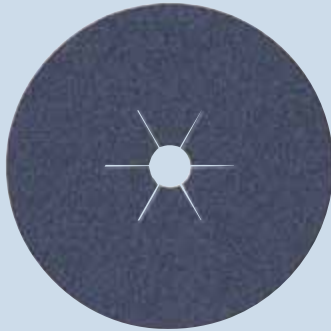
16	24	30	36	40	50	60	80	100	120	150	180	220	240	280	320	360	400	500	600	800	1000	1200	1500	2000	
	■		■	■	■	■	■		■																

Diameter x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number		
115 x 22	24	⊗ 30	25	316469		
115 x 22	36	⊗ 30	25	316470		
115 x 22	40	⊗ 30	25	316471		
115 x 22	50	⊗ 30	25	316472		
115 x 22	60	⊗ 30	25	316473		
115 x 22	80	⊗ 30	25	316474		
115 x 22	120	⊗ 30	25	316475		
125 x 22	24	⊗ 30	25	316476		
125 x 22	36	⊗ 30	25	316477		
125 x 22	40	⊗ 30	25	316478		
125 x 22	50	⊗ 30	25	316479		
125 x 22	60	⊗ 30	25	316480		
125 x 22	80	⊗ 30	25	316481		
125 x 22	120	⊗ 30	25	316482		
180 x 22	24	⊗ 30	25	316483		
180 x 22	36	⊗ 30	25	316484		
180 x 22	40	⊗ 30	25	316485		
180 x 22	50	⊗ 30	25	316486		
180 x 22	60	⊗ 30	25	316487		
180 x 22	80	⊗ 30	25	316488		
180 x 22	120	⊗ 30	25	316489		

Dispenser see page 99 / Backing pads see page 102

Abrasive fibre disc

CS 565



Advantages

Self-sharpening effect ■ High aggressiveness on steel and stainless steel ■ Ideal for rough grinding work ■ Excellent price/performance ratio

Applications:

- Stainless steel
- 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 x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number		
100 x 16	36	⊙ 10	25	23680		
100 x 16	60	⊙ 10	25	84604		
100 x 16	80	⊙ 10	25	188678		
115 x 22	24	⊙ 10	25	93409		
115 x 22	36	⊙ 10	25	65698		
115 x 22	40	⊙ 10	25	242800		
115 x 22	50	⊙ 10	25	85517		
115 x 22	60	⊙ 10	25	65700		
115 x 22	80	⊙ 10	25	65701		
115 x 22	24	⊗ 30	25	95335		
115 x 22	36	⊗ 30	25	6686		
115 x 22	40	⊗ 30	25	242801		
115 x 22	50	⊗ 30	25	92066		
115 x 22	60	⊗ 30	25	6687		
115 x 22	80	⊗ 30	25	6688		
115 x 22	100	⊗ 30	25	204609		
125 x 22	24	⊙ 10	25	95071		
125 x 22	36	⊙ 10	25	65681		
125 x 22	40	⊙ 10	25	242802		
125 x 22	60	⊙ 10	25	65707		
125 x 22	80	⊙ 10	25	23001		
125 x 22	24	⊗ 30	25	97643		
125 x 22	36	⊗ 30	25	6620		
125 x 22	40	⊗ 30	25	242803		
125 x 22	50	⊗ 30	25	93054		
125 x 22	60	⊗ 30	25	6721		
125 x 22	80	⊗ 30	25	23005		
125 x 22	100	⊗ 30	25	204611		
180 x 22	36	⊙ 10	25	65702		
180 x 22	40	⊙ 10	25	242805		
180 x 22	50	⊙ 10	25	85519		
180 x 22	60	⊙ 10	25	65705		
180 x 22	80	⊙ 10	25	65706		
180 x 22	24	⊗ 30	25	95993		

Dispenser see page 99 / Backing pads see page 102

Continuation →

Please observe: Minimum order quantities for manufactured items see page 92; Please see Applications Guide on page 92.

Continuation of CS 565, Abrasive fibre disc

Diameter x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number		
180 x 22	36	⊗ 30	25	65703		
180 x 22	40	⊗ 30	25	242807		
180 x 22	50	⊗ 30	25	93045		
180 x 22	60	⊗ 30	25	6690		
180 x 22	80	⊗ 30	25	6691		

Dispenser see page 99 / Backing pads see page 102

Abrasive fibre disc
CS 565

Advantages

Self-sharpening effect ■ High aggressiveness on steel and stainless steel ■ Ideal for rough grinding work ■ Excellent price/performance ratio ■ Special large package reduces storage costs

Applications:

- Stainless steel
- 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 x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number		
115 x 22	36	⊗ 30	50	311522		
115 x 22	40	⊗ 30	50	311516		
115 x 22	60	⊗ 30	50	311546		
115 x 22	80	⊗ 30	50	311545		

Dispenser see page 99 / Backing pads see page 102

Dispenser for fibre discs

FS 555



Advantages

Easy stocking and removal of up to 100 fiber discs with diameter of 115 to 180 mm ■ Orderly and accessible storage at the workplace

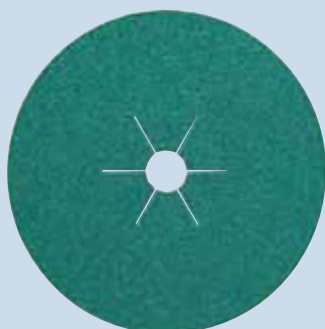
Fibre discs not included

Size in mm	Packing unit/pcs.	Cat. number		
170 x 140 x 196	1	316463		

Fibre discs

Fibre disc, multibond

CS 570



Advantages

Self-sharpening effect ■ High aggressiveness, especially suitable for stainless steel ■ Increase in performance due to low temperatures ■ Multibond prevents heat tinting ■ Also suitable for use on aluminum

Applications:

- Stainless steel
- Aluminium
- NF 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 x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number		
100 x 16	36	⊙ 10	25	204823		
100 x 16	60	⊙ 10	25	204825		
100 x 16	80	⊙ 10	25	204826		
100 x 16	120	⊙ 10	25	204828		
115 x 22	36	⊙ 10	25	204797		
115 x 22	50	⊙ 10	25	204798		
115 x 22	60	⊙ 10	25	204799		
115 x 22	80	⊙ 10	25	204800		
115 x 22	120	⊙ 10	25	204802		
115 x 22	24	⊗ 30	25	204085		
115 x 22	36	⊗ 30	25	204086		
115 x 22	40	⊗ 30	25	250258		

Dispenser see page 99 / Backing pads see page 102

Continuation →

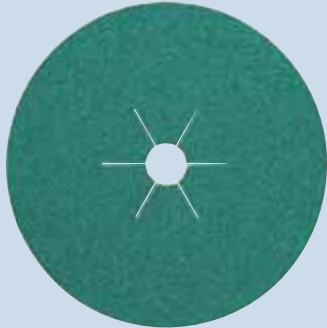
Please observe: Minimum order quantities for manufactured items see page 92; Please see Applications Guide on page 92.

Continuation of CS 570, Fibre disc, multibond

Diameter x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number		
115 x 22	50	⊗ 30	25	204087		
115 x 22	60	⊗ 30	25	204088		
115 x 22	80	⊗ 30	25	204089		
115 x 22	100	⊗ 30	25	204090		
115 x 22	120	⊗ 30	25	204091		
125 x 22	36	⊙ 10	25	204806		
125 x 22	50	⊙ 10	25	204810		
125 x 22	60	⊙ 10	25	204811		
125 x 22	80	⊙ 10	25	204812		
125 x 22	100	⊙ 10	25	204813		
125 x 22	120	⊙ 10	25	204814		
125 x 22	24	⊗ 30	25	204092		
125 x 22	36	⊗ 30	25	204093		
125 x 22	40	⊗ 30	25	250259		
125 x 22	50	⊗ 30	25	204094		
125 x 22	60	⊗ 30	25	204095		
125 x 22	80	⊗ 30	25	204096		
125 x 22	100	⊗ 30	25	204097		
125 x 22	120	⊗ 30	25	204098		
180 x 22	36	⊙ 10	25	204816		
180 x 22	50	⊙ 10	25	204817		
180 x 22	60	⊙ 10	25	204818		
180 x 22	80	⊙ 10	25	204819		
180 x 22	120	⊙ 10	25	204821		
180 x 22	24	⊗ 30	25	204099		
180 x 22	36	⊗ 30	25	204100		
180 x 22	40	⊗ 30	25	250260		
180 x 22	50	⊗ 30	25	204101		
180 x 22	60	⊗ 30	25	204102		
180 x 22	80	⊗ 30	25	204103		
180 x 22	100	⊗ 30	25	204104		
180 x 22	120	⊗ 30	25	204105		

Dispenser see page 99 / Backing pads see page 102

Fibre disc, multibond
FS 966 ACT



Advantages

Micro-crystalline self-sharpening effect ■ High aggressiveness throughout the service life ■ Outstanding grit adhesion ■ Long service life, especially suitable for heavy-duty applications ■ Increase in performance due to low temperatures ■ Multibond prevents heat tinting

Applications:

- Stainless 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 x Hole in mm	Grit	Hole pattern	Packing unit/pcs.	Cat. number
115 x 22	36	⊛ 30	25	316490
115 x 22	40	⊛ 30	25	316491
115 x 22	50	⊛ 30	25	318504
115 x 22	60	⊛ 30	25	316492
115 x 22	80	⊛ 30	25	316493
125 x 22	36	⊛ 30	25	316494
125 x 22	40	⊛ 30	25	316495
125 x 22	50	⊛ 30	25	318655
125 x 22	60	⊛ 30	25	316496
125 x 22	80	⊛ 30	25	316497
180 x 22	36	⊛ 30	25	316498
180 x 22	40	⊛ 30	25	316499
180 x 22	50	⊛ 30	25	316500
180 x 22	60	⊛ 30	25	316501
180 x 22	80	⊛ 30	25	316502

Dispenser see page 99 / Backing pads see page 102

**Backing pad
ST 358**

Advantages

Medium-hard backing pad allows good adaptation to the workpiece ■ For universal use, especially for surface and finish grinding (grit 50 and finer) ■ High temperature resistance

Suitable for disc diameter	Thread/ Shaft	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number		
100 x 16	M 10	80 m/s	15,000 rpm	1	305190		
100 x 22	M 14	80 m/s	15,000 rpm	1	2774		
115 x 22	M 10	80 m/s	13,300 rpm	1	14859		
115 x 22	M 14	80 m/s	13,300 rpm	1	14838		
125 x 22	M 14	80 m/s	12,200 rpm	1	14835		
150 x 22	M 14	80 m/s	10,200 rpm	1	14836		
180 x 22	M 14	80 m/s	8,500 rpm	1	14840		
235 x 22	M 14	80 m/s	6,600 rpm	1	14841		

**Backing pad
ST 358 A**

Advantages

For rough grinding ■ Cool grinding ■ Increased aggressiveness due to hard, ribbed abrasive surface ■ High temperature resistance and stability

Suitable for disc diameter	Thread/ Shaft	Max. operating speed	Max. RPM	Packing unit/pcs.	Cat. number		
115	M 14	80 m/s	13,300 rpm	1	126346		
125	M 14	80 m/s	12,200 rpm	1	126347		
178	M 14	80 m/s	8,500 rpm	1	126348		