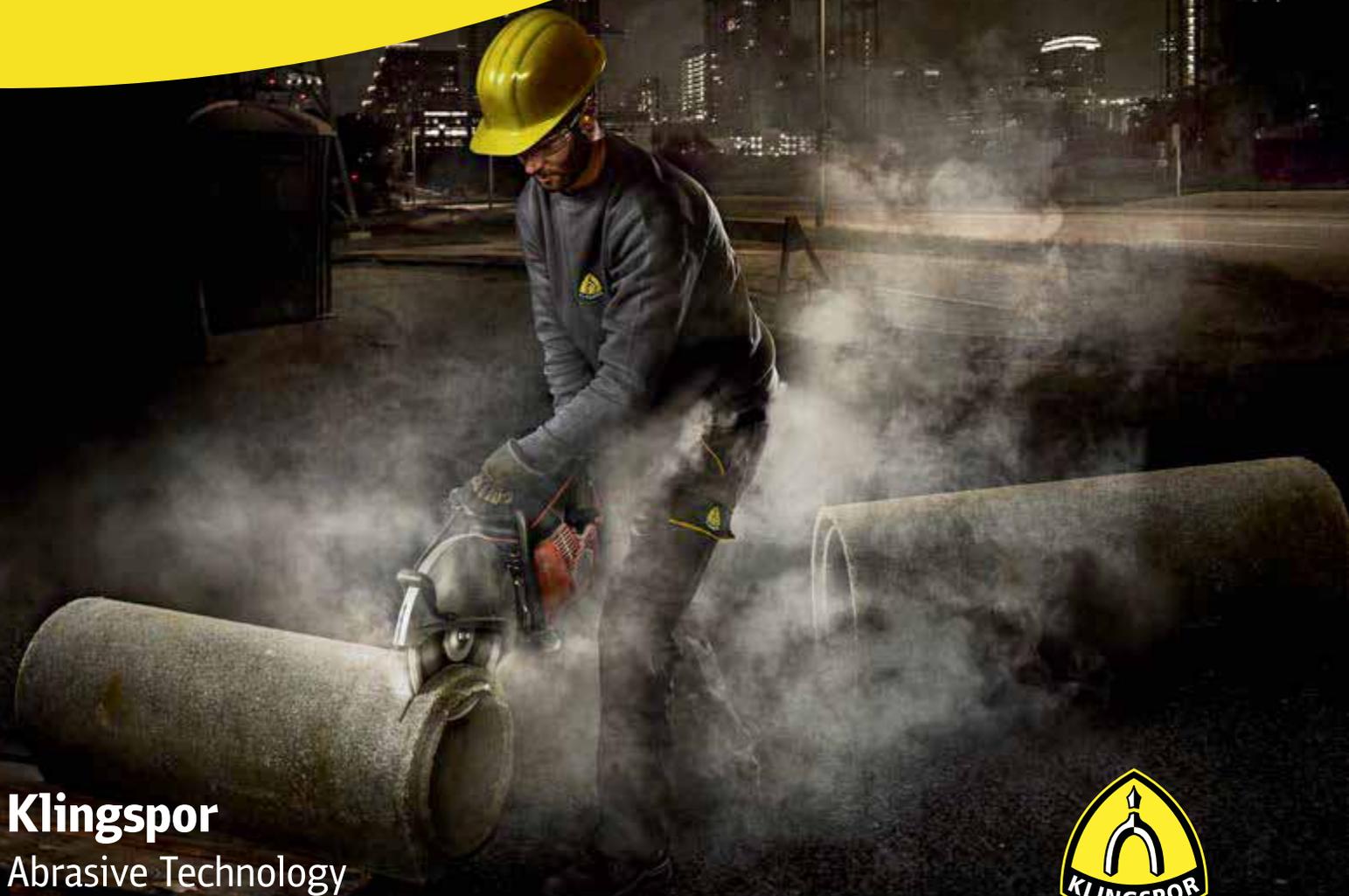


# Quality. Safety. Performance.

Catalogue  
KLS V 2.6



**Klingspor**  
Abrasive Technology



## Klingspor products are marked with the oSa label



### What does oSa mean?

In a host of applications, grinding and cutting require very high peripheral speeds from the rotating abrasive product. These products must therefore be particularly safe so as to stand up to the extreme mechanical and thermal stress.

Regrettably there are no globally binding safety requirements for abrasive products.

This is why responsible manufacturers of abrasive products from a number of European countries set up the Organisation for the Safety of Abrasives (oSa) in 2000 and thus setting a clear signal against inferior and dangerous products.

The user recognises these quality grade products from the oSa trade name. They signify to the manufacturer and trader a reduced liability risk, a market and competitive benefit and an image gain.

As a part of their in-house quality management system, the manufacturers see to it that the exact provisions are kept to and that only safe, high quality abrasive products are produced and marketed. The fact that the oSa – Organisation for the Safety of Abrasives - issues the worldwide protected oSa trademark to members is confirmation of this internal commitment.

The oSa label does not mean that the Organisation for the Safety of Abrasives or its institutions assume any liability of the designated products.



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## General Information

Product overview

# The product groups at a glance

With this catalogue, Klingspor makes it quick and easy to select the products you need from our wide range of top quality abrasives. The clear and logical layout in 11 product groups makes it easy for you to find what you are looking for.

State-of-the-art manufacturing techniques ensure that our coated abrasives fulfill the most demanding standards of surface finish, long life and stock removal.



### Rolls

Klingspor rolls for hand sanding or use with handheld machines are available in a number of special grades designed for a wide variety of materials – from wood, to metal, to paint.



### Belts

Klingspor abrasive belts are available in various sizes and grades to meet all sanding and grinding requirements for a wide range of materials and applications.



### Abrasive strips, sheets and discs

Klingspor strips, sheets and discs are available in various qualities and designs.



### D.I.Y. range

The complete range available with relevant grit ranges and assortments in customised packing units. Uniform packing design with precise product identification for quick access.



### Abrasive mop wheels

The abrasive mop wheel is particularly suitable for finishing where flexibility is a must. It matches the contours of any workpiece perfectly. Klingspor has the right abrasive mop wheel for virtually every application and for nearly all types of material.



### Fibre discs

Klingspor fibre discs are exceptionally suited for rough grinding work, de-rusting metal parts, deburring and working on welded seams.

# General Information

Product overview



## Abrasive mop discs

The performance of the Klingspor abrasive mop disc, with its fan-shaped radial arrangement of the cloth grinding flaps, far exceeds that of other abrasive products.



## Kronenflex® Grinding discs and cut-off wheels

Continuous innovation and the development of specialized products for all application areas enables Klingspor to offer a range of grinding discs and cut-off wheels to satisfy every need.



## Diamond tools

Klingspor's comprehensive range of diamond tools makes it easy for any user to work faster and with greater precision and endurance. As they are made of carefully tested premium grade materials, the products included in each product line offer a wide range of possible applications and meet the highest safety standards.



## Flexible abrasives

Our comprehensive product programme is rounded off by flexible abrasives which were developed by Klingspor for precision finishing and polishing work on all kinds of surfaces.



## Carbide burs

Klingspor carbide burs are manufactured according to the highest quality standards and with utmost precision. The different cuts are adapted to meet the specific requirements of various materials and applications.

# General Information

## Machine pictograms



Hand sanding



Hand block



Orbital sander



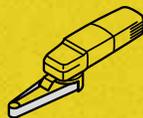
Random orbital sander



Delta sander



Portable belt sander



Hand tool belt grinder



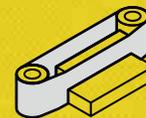
Back stand grinding machine



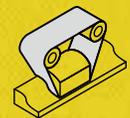
Centreless finishing machine



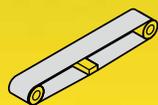
Through-feed grinding machine



Edge sanding machine



Contour finishing machine



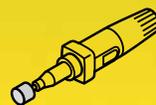
Pad / stroke sanding machine



Wide belt finishing machine



Drilling machine



Die grinder



Satin finishing machine



Floor-standing grinder

# General Information

## Machine pictograms



Angle grinder



Variable speed angle grinder



Angle grinder with cup grinding wheel



Petrol powered cutter



Stationary cutting machine  $\leq 5\text{kW}$



Chop saw



Wall chaser



Joint cutter



Lifting beam with mottling points



Right angle die grinder



Flexible shaft grinder



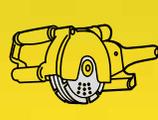
Petrol powered cutter with clamping device



Concave fillet weld grinder



Table saw



Joint router



Stationary cutting machine  $> 5\text{kW}$



Parquet Sander



Drill stand



Pole sander

# Product guide

## Coated abrasives

	Type	Properties	Backing	Grain type
Abrasive paper	<i>PS 10 A</i>	Garnet	A-paper	Aluminum oxide
	<i>PS 10 C</i>	Garnet	C-paper	Aluminum oxide
	<i>PS 10 D</i>	Garnet	D-paper	Aluminum oxide
	<i>PS 11 A</i>	waterproof	A-paper	SiC
	<i>PS 11 C</i>	waterproof	C-paper	SiC
	<i>PS 19 E</i>		E-paper	SiC
	<i>PS 19 F</i>		F-paper	SiC
	<i>PS 20 F</i>		F-paper	Aluminum oxide
	<i>PS 21 F</i>		F-paper	Zirconia alumina
	<i>PS 22 F ACT</i>	ANTISTATIC	F-paper	Aluminum oxide
	<i>PS 22 N</i>		E-paper	Aluminum oxide
	<i>PS 24 F ACT</i>	ANTISTATIC	F-paper	SiC
	<i>PS 27 DW</i>	Specially coated, ANTISTATIC	D-paper	SiC
	<i>PS 28 F</i>	ANTISTATIC	F-paper	Aluminum oxide
	<i>PS 29 F ACT</i>	ANTISTATIC	F-paper	Aluminum oxide
	<i>PL 31 B</i>		B-paper	Aluminum oxide
	<i>PS 33 B</i>		B-paper	Aluminum oxide
	<i>PS 33 C</i>		C-paper	Aluminum oxide
	<i>PL 35 B</i>		B-paper	SiC
	<i>PS 38 G ACT</i>	ANTISTATIC	G-paper	SiC
	<i>PS 524 E</i>	ANTISTATIC	E-paper	SiC
	<i>PS 61 F</i>		F-paper	Ceramic aluminium oxide
	<i>PS 729 F</i>		F-paper	Aluminium oxide-agglomerate
	<i>FP 73 W</i>	Specially coated	Film	Aluminium oxide
	<i>PS 73 BW</i>	specially coated	B-paper	Aluminum oxide
	<i>PS 73 CW</i>	specially coated	C-paper	Aluminum oxide
<i>PS 73 BWF</i>	Specially coated	B-paper + foam core	Aluminium oxide	
<i>PS 73 CWF</i>	Specially coated	C-paper + foam core	Aluminium oxide	
Self fastening	<i>PS 21 FK</i>		F-paper	Zirconia alumina
	<i>PS 22 K</i>		E-paper	Aluminum oxide
	<i>PS 33 BK</i>		B-paper	Aluminum oxide
	<i>PS 33 CK</i>		C-paper	Aluminum oxide
	<i>PS 36 CK / DK</i>		C-paper	Zirconia alumina
	<i>CS 411 XK</i>		X-cotton	Zirconia alumina
	<i>PS 61 FK</i>		F-paper	Ceramic aluminium oxide
	<i>FP 73 WK</i>	specially coated	Film	Aluminum oxide
	<i>PS 73 BWK</i>	specially coated	B-paper	Aluminum oxide
	<i>PS 73 CWK</i>	specially coated	C-paper	Aluminum oxide
	<i>PS 77 CK T-ACT</i>	T-ACT coating	C-paper	Aluminium oxide
<i>FP 77 K T-ACT</i>	T-ACT coating	Film	Aluminium oxide	
PSA	<i>PS 33 BS /Disc Roll</i>		B-/C-paper	Aluminum oxide
	<i>PS 33 CS /Disc Roll</i>		B-/C-paper	Aluminum oxide

### Cloth

JF	Cotton, light, highly flexible
GX	Blended cloth, light, flexible
J	Cotton, light
XF	Cotton, heavy, flexible
X	Cotton, heavy
Y	Polyester, heavy, highly firm
Z	Polyester, heavy, highly firm, can be divided into segments

### Paper

A	approx. 95 g/m <sup>2</sup>
B	approx. 105 g/m <sup>2</sup>
C	approx. 110 g/m <sup>2</sup>
D	approx. 130 g/m <sup>2</sup>
E	approx. 250 g/m <sup>2</sup>
F	approx. 300 g/m <sup>2</sup>
G	approx. 400 g/m <sup>2</sup>

# Product guide

## Coated abrasives



				Page									
Type	Coating	Bonding agent	Waterproof	Available grits	Rolls	File belts	Belts for handheld grinders	Short and long belts	Wide belts	Fibre discs	Strips	Sheets	Discs
<i>PS 10 A</i>	●	L		80-220								93	
<i>PS 10 C</i>	●	L		100-150								92	
<i>PS 10 D</i>	●	L		40-80								92	
<i>PS 11 A</i>	●	K	✓	220-2000								94	
<i>PS 11 C</i>	●	K	✓	60-400, 600, 1000								94	
<i>PS 19 E</i>	●	K		24, 36-40, 60-120, 220, 400, 800, 1200	20								116
<i>PS 19 F</i>	●	K		16, 20, 24, 36, 40, 60, 80									116
<i>PS 20 F</i>	●	K		60-240, 320, 400				38	74				
<i>PS 21 F</i>	●	K		40, 60-320, 400				38	74				
<i>PS 22 F ACT</i>	●	K		40, 60-400	20			38	75				
<i>PS 22 N</i>	○	K		40, 60-240, 320, 400	21								
<i>PS 24 F ACT</i>	●	K		80, 120-800				39	76				
<i>PS 27 DW</i>	○	K		180-320, 400, 600				39	76				
<i>PS 28 F</i>	○	K		40-240				40	77				
<i>PS 29 F ACT</i>	○	K		40-320, 400				40	77				
<i>PL 31 B</i>	○	L		40-320, 400	22							95	
<i>PS 33 B</i>	○	K		150-320, 400-600								96	
<i>PS 33 C</i>	○	K		40, 60-120								96	
<i>PL 35 B</i>	○	K		80 - 220, 280, 320, 400								99	
<i>PS 38 G ACT</i>	●	K		80-180					78				
<i>PS 524 E</i>	●	K		40, 60-800				39	75				
<i>PS 61 F</i>	●	K		40, 60, 80, 120-320, 400				40	79				
<i>PS 729 F</i>		K		180, 240, 320				41	79				
<i>FP 73 W</i>	○	K		80-180, 240, 320, 400, 600-1500				41					
<i>PS 73 BW</i>	○	K		150-1500								98	
<i>PS 73 CW</i>	○	K		40, 60-120								97	
<i>PS 73 BWF</i>	○	K		180, 240, 320, 400, 600	33								
<i>PS 73 CWF</i>	○	K		120	32								
<i>PS 21 FK</i>	●	K		40, 60-180, 240, 320, 400									119
<i>PS 22 K</i>	○	K		24, 40, 60-240, 320, 400							101		120
<i>PS 33 BK</i>	○	K		150-320, 400-600							100		125
<i>PS 33 CK</i>	○	K		40, 60-120							100		123
<i>PS 36 CK / DK</i>	○	K		36, 40, 60-220									135
<i>CS 411 XK</i>	●	K		24, 36, 40, 60, 80, 120									136
<i>PS 61 FK</i>	●	K		40, 60, 80, 120-180, 240, 280									127
<i>FP 73 WK</i>	○	K		80-180, 240, 320, 400, 600-1500									128
<i>PS 73 BWK</i>	○	K		150-1500									130
<i>PS 73 CWK</i>	○	K		40, 60-120									129
<i>PS 77 CK T-ACT</i>	○	K		60-220							102		133
<i>FP 77 K T-ACT</i>	○	K		240-2000							102		131
<b>PSA</b> <i>PS 33 BS /Disc Roll</i>	○	K		150-320, 400, 500, 600									138
<i>PS 33 CS /Disc Roll</i>	○	K		40, 60-320, 400, 600									138

● = close ○ = semi-open ○ = open

### Bonding agent

K Resin  
L Glue

# Product guide

## Coated abrasives

Type	Properties	Backing	Grain type
<i>HTJ 153 Z</i>	Crocus	JF-cloth	Aluminum oxide
<i>CS 308 Y</i>		Y-polyester	Aluminium oxide
<i>LS 309 J</i>		J-cotton	Aluminum oxide
<i>LS 309 JF</i>		JF-cotton	Aluminum oxide
<i>LS 309 X</i>		X-cotton	Aluminium oxide
<i>LS 309 XH</i>		X-cotton	Aluminum oxide
<i>CS 310 X</i>		X-cotton	Aluminum oxide
<i>CS 310 XF</i>		XF-cotton	Aluminum oxide
<i>CS 311 Y ACT</i>	ANTISTATIC	Y-polyester	Aluminum oxide
<i>LS 312 JF</i>		JF-cotton	Aluminum oxide
<i>LS 313 JF</i>	Multibond	JF-cotton	Aluminium oxide
<i>LS 314 JF</i>		JF-cotton	Aluminium oxide
<i>LS 318 JF ACT</i>	ANTISTATIC	JF-cotton, SUPERFLEX	Aluminum oxide
<i>CS 320 Y</i>	waterproof	Y-polyester	SiC
<i>CS 321 X</i>	waterproof	X-cotton	SiC
<i>CS 322 X</i>	waterproof	X-cotton	Cork
<i>CS 325 Y</i>	KULEX, waterproof	Y-polyester	SiC agglomerate
<i>CS 326 Y</i>	KULEX, waterproof	Y-polyester	Aluminum oxide-agglomerate
<i>CS 329 JF</i>	KULEX	JF-cotton	Aluminium oxide-agglomerate
<i>CS 329 Y</i>	KULEX	Y-polyester	Aluminium oxide-agglomerate
<i>CS 330 X</i>	waterproof	X-cotton	SiC / Cork
<i>CS 333 JF</i>		JF-cloth	SiC
<i>CS 333 X</i>		X-cotton	SiC
<i>CS 333 XF</i>		XF-cotton	SiC
<i>CS 336 Y</i>	ANTISTATIC	Y-polyester	SiC
<i>CS 341 X</i>	Waterproof	X-cotton	Aluminium oxide
<i>KL 361 JF</i>		JF-cotton	Aluminum oxide
<i>KL 371 X</i>		X-cotton	Aluminum oxide
<i>KL 385 JF</i>		JF-cotton	Aluminum oxide
<i>CS 409 Y</i>	multibond	Y-polyester	Zirconia alumina
<i>CS 410 X</i>	multibond	X-cotton	Aluminum oxide
<i>CS 411 X</i>		X-cotton	Zirconia alumina
<i>CS 411 Y</i>	waterproof	Y-polyester	Zirconia alumina
<i>CS 412 Y</i>	waterproof	Y-polyester	Aluminum oxide
<i>CS 416 Y</i>	waterproof	Y-polyester	Zirconia alumina
<i>CS 420 Y</i>	Waterproof, NOPPEX	Y-polyester	Aluminium oxide
<i>GX 533 JF</i>		JF-blended cloth	SiC
<i>CS 538 Z ACT</i>	ANTISTATIC	Z-polyester	SiC
<i>CS 631 XF</i>	multibond	XF-cotton	Ceramic aluminum oxide
<i>CS 710 XF</i>		XF-cotton	Aluminium oxide
<i>GX 712 JF</i>		JF-blended cloth	Aluminium oxide
<i>CS 811 Y ACT</i>	waterproof	Y-polyester	Zirconia alumina

Abrasive cloth

### Cloth

JF	Cotton, light, highly flexible
GX	Blended cloth, light, flexible
J	Cotton, light
XF	Cotton, heavy, flexible
X	Cotton, heavy
Y	Polyester, heavy, highly firm
Z	Polyester, heavy, highly firm, can be divided into segments

### Paper

A	approx. 95 g/m <sup>2</sup>
B	approx. 105 g/m <sup>2</sup>
C	approx. 110 g/m <sup>2</sup>
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F	approx. 300 g/m <sup>2</sup>
G	approx. 400 g/m <sup>2</sup>

# Product guide

## Coated abrasives



				Page									
Type	Coating	Bonding agent	Waterproof	Available grits	Rolls	File belts	Belts for handheld grinders	Short and long belts	Wide belts	Fibre discs	Strips	Sheets	Discs
<i>HTJ 153 Z</i>	●	K/L		2000 (very fine)									106
<i>CS 308 Y</i>	●	K		40, 60-180, 240				41	80				
<i>LS 309 J</i>	●	K		60-500	23			42					
<i>LS 309 JF</i>	●	K		60-400, 600, 800	23			42					
<i>LS 309 X</i>	●	K		40-360				42					
<i>LS 309 XH</i>	●	K		40-180, 240			43	44					
<i>CS 310 X</i>	●	K		16-24, 36-320, 400-600	24	46		47	80				
<i>CS 310 XF</i>	●	K		40-280		49							
<i>CS 311 Y ACT</i>	○	K		36-220	24			50	81				
<i>LS 312 JF</i>	●	K		60-320, 400				51					
<i>LS 313 JF</i>	●	K		80-240, 320, 400				51					
<i>LS 314 JF</i>	●	K		100, 120, 180, 240-320, 400				51					
<i>LS 318 JF ACT</i>	○	K		80-180, 240, 400				52					
<i>CS 320 Y</i>	●	K	✓	24, 40, 60-120, 180		53		53	82				
<i>CS 321 X</i>	●	K	✓	80-320, 400, 500, 800		54		54	82				
<i>CS 322 X</i>	●	K	✓	Polishing fineness		55		55					
<i>CS 325 Y</i>		K	✓	80, 120, 180, 240, 320, 400, 600, 800, 1200				56					
<i>CS 326 Y</i>		K	✓	60, 80, 120, 180, 240, 320, 400, 600, 800				56	83				
<i>CS 329 JF</i>		K		120, 180, 240				56					
<i>CS 329 Y</i>		K		80, 120, 180, 240, 320, 400, 600				57	83				
<i>CS 330 X</i>	●	K	✓	220, 400, 600, 800				57	84				
<i>CS 333 JF</i>	●	K		120-180, 240-320				58					
<i>CS 333 X</i>	●	K		24, 36, 40, 60-150, 240				57					
<i>CS 333 XF</i>	●	K		60-100, 240, 280				58					
<i>CS 336 Y</i>	○	K		36, 40, 50					84				
<i>CS 341 X</i>	●	K	✓	60-320, 400, 500, 600				58	85				
<i>KL 361 JF</i>	●	K		30, 40-600	25								104
<i>KL 371 X</i>	●	L		30-320, 400									104
<i>KL 385 JF</i>	●	K		40-320, 400, 600	27								105
<i>CS 409 Y</i>	●	K		36-120				59	85				
<i>CS 410 X</i>	●	K		40, 60-120, 180				59					
<i>CS 411 X</i>	●	K		24, 36-80, 120				60					
<i>CS 411 Y</i>	●	K	✓	24, 36-120		61		62	86				
<i>CS 412 Y</i>	●	K	✓	24, 36-180, 240		63		64	86				
<i>CS 416 Y</i>	○	K	✓	24, 36-120		65		65					
<i>CS 420 Y</i>		K	✓	120, 180, 240, 320, 400				66					
<i>GX 533 JF</i>	●	K		80-180, 240-400, 600				66					
<i>CS 538 Z ACT</i>	●	K		36-180					87				
<i>CS 631 XF</i>	○	K		60-120				66					
<i>CS 710 XF</i>	●	K		80-180, 240				67					
<i>GX 712 JF</i>	●	K		60-320, 400				67					
<i>CS 811 Y ACT</i>	●	K	✓	24, 36-80				68					

● = close ○ = semi-open ○ = open

### Bonding agent

K Resin  
L Glue

# Product guide

## Coated abrasives

	Type	Properties	Backing	Grain type
Abrasive cloth	<b>CS 910 Y ACT</b>	multibond	Y-polyester	Ceramic aluminum oxide
	<b>CS 912 Y ACT</b>	waterproof	Y-polyester	Ceramic aluminum oxide
	<b>CS 931 JF</b>	multibond	JF-cotton	Ceramic aluminum oxide
	<b>GX 931 JF</b>	Multibond	JF-blended cloth	Ceramic aluminium oxide
PSA	<b>CS 310 XS</b>		X-cotton	Aluminum oxide
	<b>CS 411 XS</b>		X-cotton	Aluminum oxide
Fibre discs	<b>CS 561</b>		Fibre	Aluminum oxide
	<b>CS 565</b>		Fibre	Zirconia alumina
	<b>CS 570</b>	multibond	Fibre	Zirconia alumina
	<b>FS 964 ACT</b>		Fibre	Ceramic aluminium oxide
	<b>FS 966 ACT</b>	multibond	Fibre	Ceramic aluminium oxide
Non-woven web	<b>NRO 400</b>		Non-woven web	Aluminum oxide/SiC
	<b>NRO 500</b>		Non-woven web	SiC
	<b>NPA 400</b>		Non-woven web	Aluminum oxide
	<b>NPA 500</b>		Non-woven web	SiC
	<b>SV 484</b>		Surface conditioning material	Aluminum oxide
	<b>NDS 400 K</b>	Waterproof	Non-woven web with self-fastening	Aluminium oxide / SiC
	<b>NDS 810</b>		Surface conditioning material	Aluminum oxide
	<b>NBF 800</b>	waterproof	Non-woven web with polyester lining	Aluminum oxide
	<b>NBS 800</b>	waterproof	Non-woven web with polyester lining	Aluminum oxide
	<b>AS 400 (Abrasive Screen)</b>		Abrasive Screen	SiC
	<b>AN 400 (Abrasive Screen)</b>	waterproof	Abrasive Screen	Aluminium oxide
	<b>FD 500</b>	waterproof	Foam core	Aluminium oxide / SiC
	<b>SW 309 (Foam)</b>	Foam		
	<b>CS 395 X (Graphite)</b>	Graphite coated cloth		
Hand blocks/ Sponges	<b>SK 500</b>	Abrasive hand block, flexible		Aluminum oxide
	<b>SK 700 A</b>	Abrasive hand block, waterproof	Sponge	Aluminium oxide
	<b>SW 501</b>	Abrasive sponge, waterproof	Sponge	Aluminium oxide
	<b>SW 501 TR</b>	Abrasive sponge, tear resistant, waterproof	Sponge	Aluminium oxide
	<b>SW 502</b>	Abrasive sponge, waterproof	Sponge	SiC
	<b>SW 510</b>	Abrasive sponge, waterproof	Sponge	Aluminium oxide
	<b>SW 512</b>	Abrasive sponge, waterproof	Sponge	SiC

### Cloth

JF	Cotton, light, highly flexible
GX	Blended cloth, light, flexible
J	Cotton, light
XF	Cotton, heavy, flexible
X	Cotton, heavy
Y	Polyester, heavy, highly firm
Z	Polyester, heavy, highly firm, can be divided into segments

### Paper

A	approx. 95 g/m <sup>2</sup>
B	approx. 105 g/m <sup>2</sup>
C	approx. 110 g/m <sup>2</sup>
D	approx. 130 g/m <sup>2</sup>
E	approx. 250 g/m <sup>2</sup>
F	approx. 300 g/m <sup>2</sup>
G	approx. 400 g/m <sup>2</sup>

# Product guide

## Coated abrasives



				Page									
Type	Coating	Bonding agent	Waterproof	Available grits	Rolls	File belts	Belts for handheld grinders	Short and long belts	Wide belts	Fibre discs	Strips	Sheets	Discs
Abrasive cloth	CS 910 Y ACT	●	K	24, 36-80				68					
	CS 912 Y ACT	●	K	✓ 36-180				68	87				
	CS 931 JF	○	K	80-120, 180, 240-320, 400				69					
	GX 931 JF	○	K	60-150, 280				69					
PSA	CS 310 XS	●	K	16-320, 400-600									140
	CS 411 XS	●	K	24, 36-80, 120									141
Fibre discs	CS 561	●	K	16-240, 320						122			
	CS 565	●	K	24, 36-100						123			
	CS 570	●	K	24, 36-120						124			
	FS 964 ACT	●	K	24, 36-80, 120									
	FS 966 ACT	●	K	24, 36-60, 80, 120						125			
Non-woven web	NRO 400		K	medium, very fine	30								
	NRO 500		K	Medium, ultra fine	31								
	NPA 400		K	coarse, general purpose, very fine, ultra fine									107
	NPA 500		K	medium, ultra fine, without grain									107
	SV 484		K	coarse, medium, very fine									142
	NDS 400 K		K	✓ very fine, ultra fine									143
	NDS 810		K	coarse, medium, very fine									143
	NBF 820		K	✓ coarse, medium, very fine		70							
	NBS 820		K	✓ coarse, medium, very fine				71					
	AS 400 (Abrasive Screen)		K	60, 80, 100, 120									118
AN 400 (Abrasive Screen)	○	K	✓ 80-800		30						113		117
FD 500	●	K	✓ 1000, 1500, 2000, 3000										145
SW 309 (Foam)			120, 150, 180		32								
CS 395 X (Graphite)					21								
Hand blocks/ Sponges	SK 500	●	K	✓ 60, 80, 100, 120, 180, 220, 280									109
	SK 700 A	●	K	✓ 60, 80, 100, 120									109
	SW 501	●	K	✓ 120, 220									110
	SW 501 TR	●	K	✓ 100-220									110
	SW 502	●	K	✓ 120, 220									111
	SW 510	●	K	✓ 100, 180, 220, 320									111
	SW 512	●	K	✓ 120, 180, 220, 320									112

● = close ○ = semi-open ○ = open

### Bonding agent

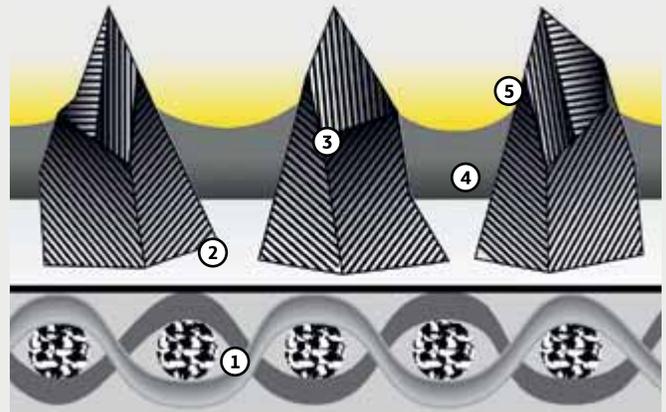
K Resin  
L Glue

# Coated abrasives

## Applications guide

Coated abrasives are abrasive products that are made out of more or less flexible backing material upon which grit is anchored with a bonding agent. The product family “coated abrasives” includes abrasive belts, rolls, sheets, strips and discs. They comprise of the following four, optionally also five, components (please refer to the illustration on the right):

- ▶ 1. Backing
- ▶ 2. Base coat
- ▶ 3. Grit
- ▶ 4. Topsize coat
- ▶ 5. Optional: additional coat



## Structure

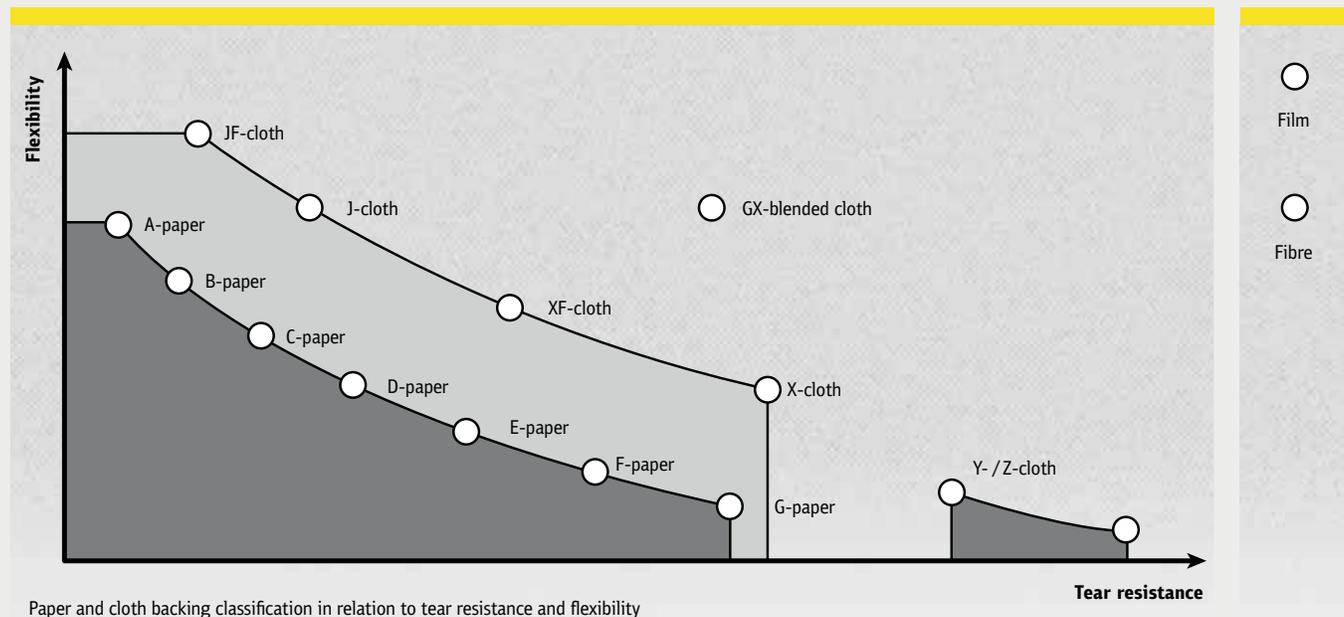
### 1. Coated abrasive backing

The backing is coated with grit and transfers stock removal forces onto the workpiece. The following backings are primarily used in the manufacture of coated abrasives:

- ▶ Paper
- ▶ Cotton cloth
- ▶ Polyester cloth

In addition, at Klingspor the following backings are used exclusively for individual products and/or for specific requirements/applications:

- ▶ Fibre (is used exclusively for fibre discs on portable angle grinders)
- ▶ Film (is used exclusively for the products FP 73 W and FP 73 WK)
- ▶ GX-blended cloth (special cotton/polyester blend for flexible yet highly tear resistant belts)



# Coated abrasives

## Applications guide



Backing	Description	Application examples
A – paper	approx. 95 g/m <sup>2</sup>	profile + surface finishing (hand)
B – paper	approx. 105 g/m <sup>2</sup>	profile + surface finishing (hand and machine)
C – paper	approx. 110 g/m <sup>2</sup>	surface finishing (hand and machine)
D – paper	approx. 130 g/m <sup>2</sup>	surface finishing (hand and machine)
E – paper	approx. 250 g/m <sup>2</sup>	surface grinding and sanding (machine)
F – paper	approx. 300 g/m <sup>2</sup>	surface grinding and sanding (machine)
G – paper	approx. 400 g/m <sup>2</sup>	surface grinding and sanding (machine)
JF – cloth	light, highly flexible	high profiled workpieces (hand and machine)
GX – blended cloth	light, flexible	profiled workpieces (machine)
J – cloth	light, flexible	profiled workpieces (hand and machine)
XF – cloth	heavy, flexible	hand tool belt grinder
X – cloth	heavy, firm	surface and edge grinding and sanding (hand and machine)
Y – polyester	heavy, highly firm	surface and edge grinding and sanding (machine)
Z – polyester	heavy, highly firm, can be segmented	surface grinding (machine)
Film	polyester film	finishing
Fibre	vulcanised fibre	grinding and finishing

## 2. Base coat

In the base coat step the grit is anchored. The basic bond is the connection between the grit and the backing. It is primarily formed using resin, this provides it with its consistent high quality properties. Glue is only added to a few abrasive papers that are used with hand operated machines and applications.

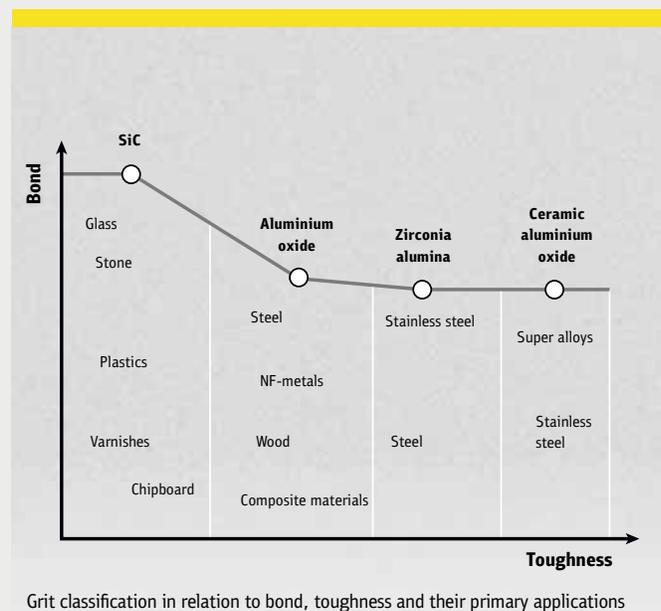
## 3. Grit

Grit is responsible for stock removal. When selecting the correct grit two properties are particularly important:

- ▶ Bond
- ▶ Toughness

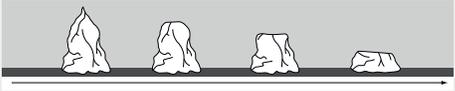
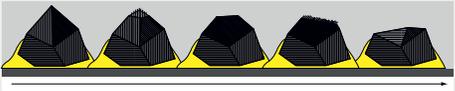
All Klingspor grit types are produced synthetically. This ensures a consistently high quality product. Four different grit types are used with coated abrasives:

- ▶ Silicon carbide
- ▶ Aluminum oxide
- ▶ Zirconia alumina
- ▶ Ceramic aluminum oxide

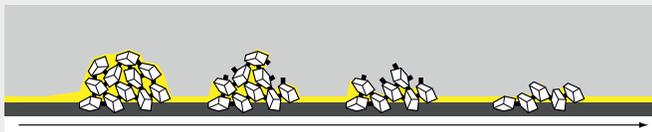


# Coated abrasives

## Applications guide

Grain type	Bond / toughness	Structure	Properties / wear properties
<b>Silicon carbide (SiC)</b>	very hard / less tough	crystalline	sharp-edged, brittle, highly friable / micro-wear 
<b>Aluminium oxide</b>	hard / tough	crystalline, irregular	wedge-shaped, block grain, even wear 
<b>Zirconia alumina</b>	hard / very tough	crystalline, even	wedge-shaped, block grain / micro-wear, self-sharpening 
<b>Ceramic aluminium oxide</b>	hard / very tough	micro-crystalline	sharp-edged, pointed grit / micro-wear, self-sharpening 

Grit type properties and their specific wear properties



Definition	Description
close coat	The entire surface of the backing is coated with grit
semi-open coat	Approx. 75% of the backing surface is coated with grit
open coat	Approx. 50% of the backing surface is coated with grit

In addition, there are also so-called grit agglomerates. This is not an independent grit type, rather it is a grit agglomeration, which is comprised of many individual aluminum-oxide or SiC-grits mixed with a resin bonding agent, which together form a large grit. Agglomerates are used almost exclusively on abrasive belts.

The advantage of agglomerates is that they provide an even finish from the first use to the last. Dull grit breaks off from the agglomerate and creates space for new, sharp grit. The objective is to attain an even finish through continual stock removal and an extremely long service life.

### Coat

Moreover, the coated abrasives are coated with different grit coverage densities. The term "grit density" describes the grit coverage density distributed on the backing.

One differentiates between:

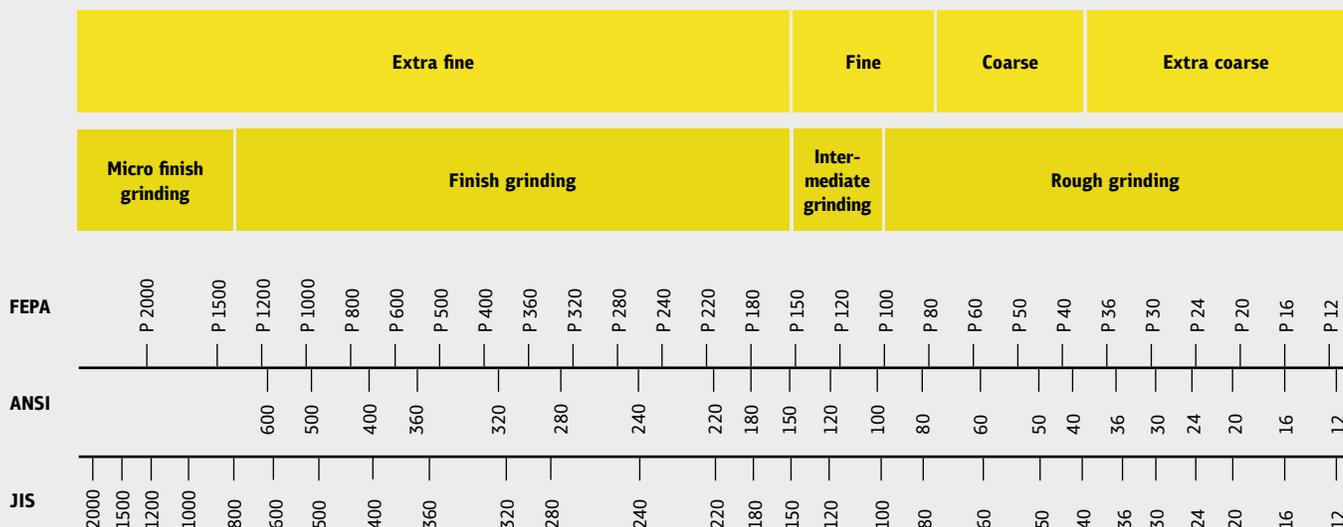
- ▶ close coat
- ▶ semi-open coat
- ▶ open coat

Open coat grit has a large space between the individual grits, such that the stock removal and the grinding dust can be extracted more easily from the grinding surface. This prevents premature clogging when working on long-chipping materials, such as e.g. wood.

The decision as to which grit density to use is primarily dependent upon how great the likelihood is that the grinding dust will clog the space between the grits.



## Grit size chart



## 4. Size coat

The size coat supports the base coat in the anchoring of the grit on the backing and against forces which affect the grit during grinding. The cover bonds are produced exclusively from resin and also provide the product with its typical colour (exceptions are coated abrasives with additional coats).

## 5. Special coats

Special coats with grinding aids provide the grinding tool properties that positively affect the grinding process and extends the service life of the coated abrasive. Special coats are applied as an additional layer.

### Stearate coat:

The stearate on a coated abrasive prevents the clogging and loading of the belt and is specifically suited for high quality varnish surface applications. Paints, varnishes and plastics can become soft and sticky through the heat generated from grinding, this can result in the premature clogging and loading of the belt. The dust clogs the space between the grits and this can result in additional “negative bond”. This clogs the grits and the sharp edges are no longer effective. To prevent this from happening or to slow the process down, the coated abrasives can be coated with a non-stick material, so-called stearates.

### Multibond:

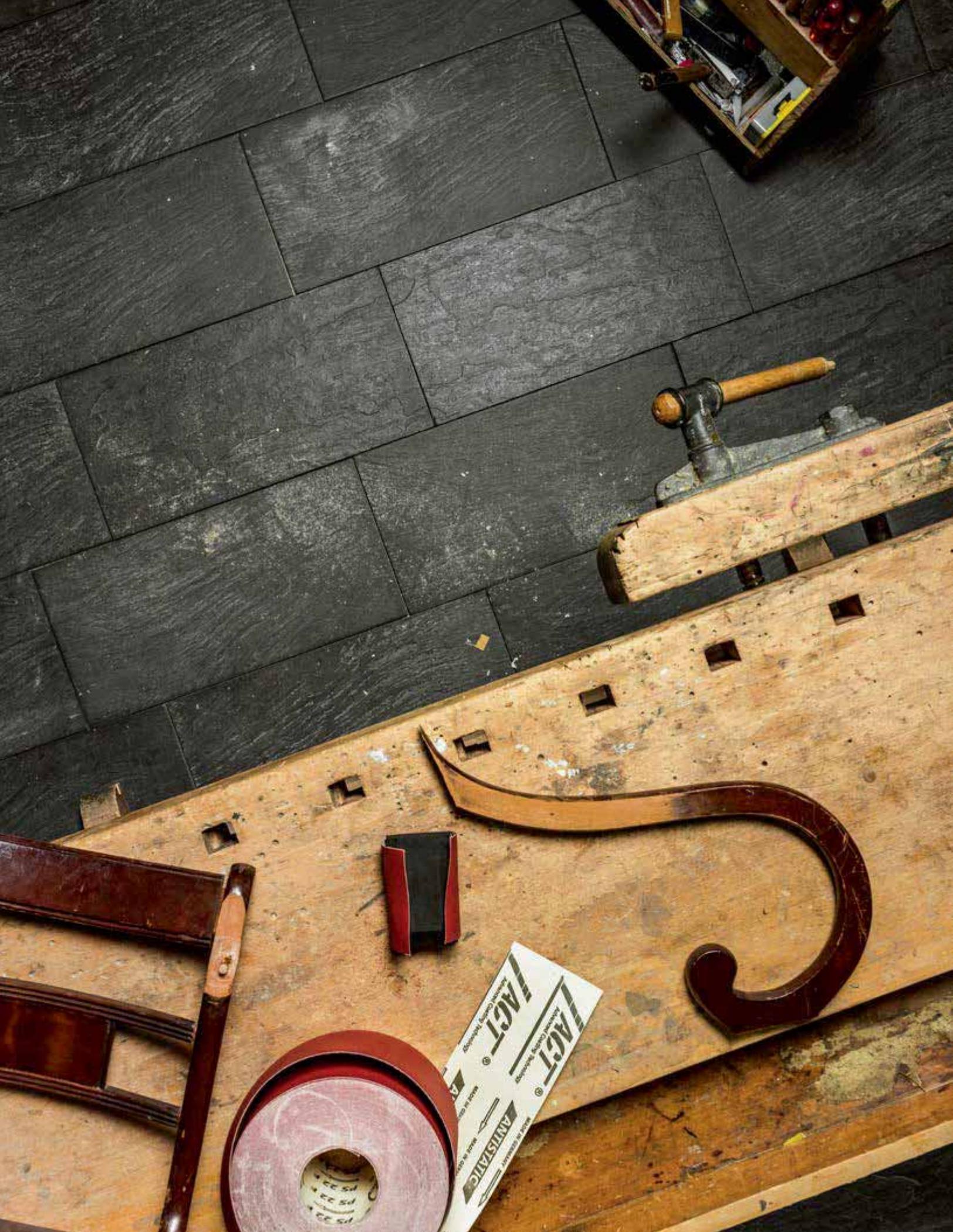
The multibond, like the stearate coat, is applied in an additional production step to the cover bond layer. This allows the cool grinding of stainless steel and high alloy steels, which in turn increases the stock removal rate and service life.

### ACT – Advanced Coating Technology:

Klingspor uses this technology to improve the properties of the coated abrasives. When working on metal, ACT provides significantly higher grit adhesion, e.g. for aggressive belt grinding of the edges of punched parts and castings. This significantly increases the life of the grinding belt. For belts that are used for wood and varnish grinding, ACT prevents the premature clogging of the coated abrasives and significantly increases the service life.

### Antistatic:

Electrode migration is the result of friction i.e. grinding between different materials, and in turn causes charge separation, which in the case of non-conductive materials, such as wood, results in the load differences not being balanced. In these cases, the coated abrasive is equipped with anti-static properties that ground the electrical charge through the coated abrasive and the machine. This prevents the grinding dust from adhering to the workpiece, belt and machine.



# Rolls



Rolls

Application	Type	Grain	Backing	Coating	Characteristics	Page
Wood	<b>PS 19 E</b>	SiC	E-paper	●	Standard product for wood parquet sanding and floor reconditioning	20
	<b>PS 22 F ACT</b>	Aluminum oxide	F-paper	●	Closed coat for maximum stock removal and uniform scratch pattern regarding surface treatment of hard, low-content woods. ACT and antistatic properties prevent premature clogging	20
	<b>PS 22 N</b>	Aluminum oxide	E-paper	○	Abrasive paper with semi-open coat for high stock removal capacity for the processing of wood	21
	<b>PL 31 B</b>	Aluminum oxide	B-paper	○	Flexible finishing paper with an optimal price-performance ratio for a wide range of applications for the processing of wood, paint and varnish. Provides a smooth surface finish	22
	<b>LS 309 J</b>	Aluminum oxide	J-cotton	●	Flexible abrasive cloth for processing slightly profiled workpieces, high stock removal rate, particularly suited for metal	23
	<b>LS 309 JF</b>	Aluminum oxide	JF-cotton	●	Highly flexible abrasive cloth for strongly profiled workpieces, for smooth surfaces in the metal and wood processing	23
	<b>CS 311 Y ACT</b>	Aluminum oxide	Y-polyester	○	Open coat aluminum oxide on tear-resistant polyester cloth for calibrating and intermediate sanding in woodworking. ACT and antistatic properties prevent premature clogging	24
	<b>CS 395 X</b>	Graphite	X-cloth		Graphite coated cloth designed to reduce friction between the back side of the belt and the contact element and to enable a smooth sanding	21
Wood, Varnish	<b>NRO 400</b>	Aluminum oxide	Non-woven web	–	Excellent suited to smoothing, cleaning and surface finishing	30
Paint	<b>PL 31 B</b>	Aluminum oxide	B-paper	○	Flexible finishing paper with an optimal price-performance ratio for a wide range of applications for the processing of wood, paint and varnish. Provides a smooth surface finish	22
	<b>PS 73 BWF</b>	Aluminium oxide	B-paper + foam core	○	Abrasive pads on rolls for de-nibbing and finishing of surfaces, moulded parts and contours. Foam backing for better pressure distribution and a very fine surface finish. The pads are supplied in a convenient dispenser that allows individual pads to be separated by tearing along the perforation	33
	<b>PS 73 CWF</b>	Aluminium oxide	C-paper + foam core	○	Abrasive pads on rolls for de-nibbing and finishing of surfaces, moulded parts and contours. Foam backing for better pressure distribution and a very fine surface finish. The pads are supplied in a convenient dispenser that allows individual pads to be separated by tearing along the perforation	33
Metals	<b>LS 309 J</b>	Aluminum oxide	J-cotton	●	Flexible abrasive cloth for processing slightly profiled workpieces, high stock removal rate, particularly suited for metal	23
	<b>LS 309 JF</b>	Aluminum oxide	JF-cotton	●	Highly flexible abrasive cloth for strongly profiled workpieces, for smooth surfaces in the metal and wood processing	23
	<b>SW 309 JF Foam</b>	Aluminum oxide	Graphite	●	Long life cloth with cushioning foam which prevents gouging and deep scratches. Suitable for hand and pole sanding in drywall applications	32
	<b>CS 310 X</b>	Aluminum oxide	X-cotton	●	Abrasive cloth for metal and wood working with stable cloth backing, for heavy duty with particular long service life	24
	<b>KL 361 JF</b>	Aluminum oxide	JF-cotton	●	High quality, highly flexible abrasive cloth for versatile applications in the metal processing industry, also suitable for stainless steel	25, 26
	<b>KL 385 JF</b>	Aluminum oxide	JF-cotton	●	Highly flexible universal abrasive cloth for the metal processing industry, good price-performance ratio	27, 28
	<b>NRO 400</b>	Aluminum oxide	Non-woven web	–	Excellent suited to smoothing, cleaning and surface finishing	30
	<b>NRO 500</b>	SiC	Non-woven web	–	Perfectly suited for light de-burring, cleaning and surface refinement, also suited for stainless steel	31
Composites, gel coats, coatings, plaster, plaster-board, wood fillers and varnish	<b>AN 400</b>	Aluminium oxide	Abrasive screen	●	Effective high extraction dust removal thanks to open grid structure	30

● = close ○ = semi-open ○ = open

Type	Grit range	Paper
<b>PS 22 F ACT</b>	40-150	B approx. 105 g/m <sup>2</sup>
<b>PS 28 F</b>	60-150	C approx. 110 g/m <sup>2</sup>
<b>PS 29 F ACT</b>	60-150	D approx. 130 g/m <sup>2</sup>
<b>CS 308 Y</b>	40-80, 120	E approx. 250 g/m <sup>2</sup>
<b>LS 309 X</b>	40-360	F approx. 300 g/m <sup>2</sup>
<b>LS 309 J</b>	60-320	
<b>LS 309 JF</b>	60-400	
<b>CS 310 X</b>	24-400	
<b>CS 310 XF</b>	40-280	
<b>CS 311 Y</b>	36-220	
<b>LS 312 JF</b>	60-320, 400	
<b>CS 321 X</b>	80-400	
<b>CS 333 X</b>	60, 80, 120, 150	
<b>CS 341 X</b>	50-320	
<b>KL 361 JF</b>	40-600	
<b>KL 385 JF</b>	40-600	
<b>CS 410 X</b>	60-120	
<b>CS 411 X</b>	24-120	
<b>CS 411 Y</b>	36-80	

Cloth	
X	Cotton, heavy
J	Cotton, light
JF	Cotton, light, highly flexible
Y	Polyester, heavy, high strength
XF	Cotton, heavy, flexible

## Minimum order quantities for non stock items

Width	Minimum order quantities
1"	12 pieces
1-1/8"	10 pieces
1-1/4"	9 pieces
1-1/2"	8 pieces
2"	6 pieces
2-1/4" to 3"	4 pieces
3-1/4" to 4"	3 pieces
4-1/4" to 6"	2 pieces
6-1/4" to 12"	1 piece

The standard length for production rolls is 1968" (inches) / (50M).



We reserve the right to over-deliver or under-deliver non stock items.

Other sizes and grits available on request.

# Rolls with paper backing

Coated abrasives

Abrasive paper

## PS 19 E



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	E-paper

### Applications:

Wood	●
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**Advantages:** Standard product for wood parquet sanding and floor reconditioning

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
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Width x Length	Grit	Packing unit/pcs.	Article number
8 x 1968	36	1	303879
8 x 1968	40	1	303878
8 x 1968	60	1	302572
8 x 1968	80	1	303880

Abrasive paper

## PS 22 F ACT



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	F-paper

### Applications:

Wood	●	NF metals	○
Metals	○	Paint/Varnish/Filler	○
Plastic	○		
Steel	○		

**Advantages:** High abrasive performance - Uniform, fine surface scratch pattern - Premium product for use on hardwood, varnish, filler - Long service life and minimal clogging due to ACT recipe - High edge stability

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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Packing unit/pcs.	Article number
6 x 1968	60	1	3013
6 x 1968	80	1	3014
6 x 1968	100	1	3015
6 x 1968	120	1	3016
6 x 1968	150	1	3017

**Metric to imperial measurement roll length conversion:**

1968" = 50 meters | 984" = 25 meters | 394" = 10 meters | 196-7/8" = 5 meters

# Rolls with paper backing

Coated abrasives



Abrasive paper

## PS 22 N



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	E-paper

### Applications:

Wood	●	Steel	○
Drywall	●	Plastic	○
Metals	○		
Paint/Varnish/Filler	○		

**Advantages:** Universal product for hand sanding and hand-held machine sanding of virtually any material - High stock removal capacity on hardwood and drywall

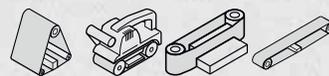
### Available grits:

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
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Width x Length	Grit	Packing unit/pcs.	Article number
3-1/2 x 984	80	1	293542
3-1/2 x 984	100	1	293543
3-1/2 x 984	120	1	293544
3-1/2 x 984	150	1	293555
3-1/2 x 1968	80	1	293557
3-1/2 x 1968	100	1	293558
3-1/2 x 1968	120	1	293559
3-1/2 x 1968	150	1	293560
3-1/2 x 1968	180	1	293561

Graphite coated canvas

## CS 395 X



### Properties

Grain	Graphite
Coating	Lamellar
Backing	X-cloth

**Advantages:** Reduces friction between the back side of the belt and the contact element and reduces the heat generation during the grinding process - Enables a smooth and constant grinding

**No self-fastening support**

Width x Length	Packing unit/pcs.	Article number
6 x 360-1/16 (10 yards)	1	300153

### Metric to imperial measurement roll length conversion:

1968" = 50 meters | 984" = 25 meters | 394" = 10 meters | 196-7/8" = 5 meters

# Rolls with paper backing

Coated abrasives

Finishing paper

## PL 31 B



### Properties

Bonding agent	Glue
Grain	Aluminium oxide
Coating	Semi-open
Backing	B-paper

### Applications:

Drywall	●
Paint/Varnish/Filler	●
Wood	●
Metals	○

**Advantages:** Product with optimal price-performance ratio - Optimized wear properties for hand sanding and hand-held machine sanding - Low clogging provides a long service life and a smooth surface finish

### 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
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Width x Length	Grit	Packing unit/pcs.	Article number
3-1/2 x 1968	80	1	350896
3-1/2 x 1968	100	1	298075
3-1/2 x 1968	120	1	302559
3-1/2 x 1968	150	1	351356

### Metric to imperial measurement roll length conversion:

1968" = 50 meters | 984" = 25 meters | 394" = 10 meters | 196-7/8" = 5 meters

# Rolls with cloth backing

Coated abrasives



Abrasive cloth

## LS 309 J



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	J-cotton

### Applications:

Metals	●
Wood	●
NF metals	●

**Advantages:** Good abrasive performance for working on slight contours on metal and wood

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth

## LS 309 JF



**NEW** !



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	JF-cotton

### Applications:

Metals	●
Wood	●

**Advantages:** High abrasive performance - Fine surface scratch pattern - Very good adaptation to contours, tight radiuses and profiles due to highly flexible cotton cloth

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

Width x Length	Grit	Packing unit/pcs.	Article number
4 x 1968	120	1	5138
4 x 1968	150	1	5139
4 x 1968	180	1	5140

**Metric to imperial measurement roll length conversion:**

1968" = 50 meters | 984" = 25 meters | 394" = 10 meters | 196-7/8" = 5 meters

# Rolls with cloth backing

Coated abrasives

Abrasive cloth

## CS 310 X



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	X-cotton

### Applications:

Metals	●
Wood	●
NF metals	○

**Advantages:** High-quality universal abrasive cloth for diverse applications in metal- and wood-working - Good price-performance ratio

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth ANTISTATIC for drum sanders

## CS 311 Y ACT



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Open
Backing	Y-polyester

### Applications:

Wood	●
Metals	○

**Advantages:** Good removal rate for working on wood under high stress - Minimal clogging and long service life due to ACT recipe and antistatic properties - Material designed for drum sanders

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

Width x Length	Grit	Packing unit/pcs.	Article number
3 x 1968	60	1	299054
3 x 1968	80	1	260886
3 x 1968	100	1	260675
3 x 1968	120	1	260864
3 x 1968	150	1	299763
3 x 1968	220	1	299764
4 x 1968	80	1	299775
4 x 1968	100	1	235570
4 x 1968	120	1	299776

**Metric to imperial measurement roll length conversion:**

1968" = 50 meters | 984" = 25 meters | 394" = 10 meters | 196-7/8" = 5 meters



# Rolls with cloth backing

Coated abrasives



## ►► Continuation of CS 311 Y ACT, Abrasive cloth ANTISTATIC

Width x Length	Grit	Packing unit/pcs.	Article number
4 x 1968	150	1	289359
4 x 1968	180	1	302462
5 x 1968	80	1	302476
5 x 1968	120	1	302470

Shop roll, brown

## KL 361 JF



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	JF-cotton

### Applications:

Stainless steel	●	Wood	●
Steel	●	Plastic	◐
Metals	●		
NF metals	●		

**Advantages:** High-quality universal abrasive cloth - Optimal adaptation to workpiece contours - Tears off cleanly and easily from the roll

### 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
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Width x Length	Grit	Packing unit/pcs.	Article number
1 x 1968	40	1	3769
1 x 1968	60	1	3771
1 x 1968	80	1	3772
1 x 1968	100	1	3773
1 x 1968	120	1	3774
1 x 1968	150	1	3775
1 x 1968	180	1	3776
1 x 1968	220	1	3777
1 x 1968	240	1	3778
1 x 1968	320	1	3780
1 x 1968	400	1	3782
1 x 1968	600	1	64825
1-1/2 x 1968	40	1	3833
1-1/2 x 1968	60	1	3835
1-1/2 x 1968	80	1	3836
1-1/2 x 1968	100	1	3837
1-1/2 x 1968	120	1	3838
1-1/2 x 1968	150	1	3839
1-1/2 x 1968	180	1	3840
1-1/2 x 1968	220	1	3841
1-1/2 x 1968	240	1	3842

### Metric to imperial measurement roll length conversion:

1968" = 50 meters | 984" = 25 meters | 394" = 10 meters | 196-7/8" = 5 meters



# Rolls with cloth backing

## Coated abrasives

### ►► Continuation of KL 361 JF, Shop roll, brown

Width x Length	Grit	Packing unit/pcs.	Article number
1-1/2 x 1968	280	1	3843
1-1/2 x 1968	320	1	3844
1-1/2 x 1968	360	1	3845
1-1/2 x 1968	400	1	3846
1-1/2 x 1968	600	1	64830
2 x 1968	40	1	3849
2 x 1968	50	1	3850
2 x 1968	60	1	3851
2 x 1968	80	1	3852
2 x 1968	100	1	3853
2 x 1968	120	1	3854
2 x 1968	150	1	3855
2 x 1968	180	1	3856
2 x 1968	220	1	3857
2 x 1968	240	1	3858
2 x 1968	280	1	3859
2 x 1968	320	1	3860
2 x 1968	400	1	3862
2 x 1968	600	1	64832

Abrasive cloth, brown

## KL 361 JF



#### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	JF-cotton

#### Applications:

Stainless steel	●	Wood	●
Steel	●	Plastic	◐
Metals	●		
NF metals	●		

**Advantages:** High-quality universal abrasive cloth - Optimal adaptation to workpiece contours - Tears off cleanly and easily from the roll

#### 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
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Width x Length	Grit	Packing unit/pcs.	Article number
3 x 1968	80	1	3900
3 x 1968	120	1	3902
3 x 1968	150	1	3903
3 x 1968	320	1	3908
4 x 1968	40	1	3913
4 x 1968	50	1	3914
4 x 1968	60	1	3915
4 x 1968	80	1	3916
4 x 1968	100	1	3917

#### Metric to imperial measurement roll length conversion:

1968" = 50 meters | 984" = 25 meters | 394" = 10 meters | 196-7/8" = 5 meters



# Rolls with cloth backing

Coated abrasives



## ►► Continuation of KL 361 JF, Abrasive cloth, brown

Width x Length	Grit	Packing unit/pcs.	Article number
4 x 1968	120	1	3918
4 x 1968	150	1	3919
4 x 1968	180	1	3920
4 x 1968	220	1	3921
4 x 1968	240	1	3922
4 x 1968	320	1	3924
4 x 1968	400	1	3926
4 x 1968	600	1	64835
4-1/2 x 1968	40	1	3945
4-1/2 x 1968	100	1	3949
4-1/2 x 1968	150	1	3951
6 x 1968	60	1	3979
6 x 1968	80	1	3980
6 x 1968	100	1	3981
6 x 1968	120	1	3982
6 x 1968	150	1	3983

Shop roll, brown

## KL 385 JF



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	JF-cotton

### Applications:

Metals	●	Wood	○
NF metals	●		
Stainless steel	○		
Plastic	○		

**Advantages:** Attractively priced universal product for profile sanding - Optimal adaptation to workpiece contours - Tears off cleanly and easily from the roll

### 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
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Width x Length	Grit	Packing unit/pcs.	Article number
1 x 1968	60	1	218196
1 x 1968	80	1	218197
1 x 1968	100	1	218198
1 x 1968	120	1	218199
1 x 1968	150	1	218200
1 x 1968	180	1	218201
1 x 1968	220	1	221136
1 x 1968	240	1	218202
1 x 1968	320	1	221138
1 x 1968	400	1	221140
1 x 1968	600	1	221142

### Metric to imperial measurement roll length conversion:

1968" = 50 meters | 984" = 25 meters | 394" = 10 meters | 196-7/8" = 5 meters



# Rolls with cloth backing

## Coated abrasives

### ►► Continuation of KL 385 JF, Shop roll, brown

Width x Length	Grit	Packing unit/pcs.	Article number
1-1/2 x 1968	40	1	218077
1-1/2 x 1968	60	1	218079
1-1/2 x 1968	80	1	218080
1-1/2 x 1968	100	1	218081
1-1/2 x 1968	120	1	218082
1-1/2 x 1968	150	1	218083
1-1/2 x 1968	180	1	218084
1-1/2 x 1968	220	1	218085
1-1/2 x 1968	240	1	218086
1-1/2 x 1968	320	1	218088
1-1/2 x 1968	400	1	218090
2 x 1968	40	1	218094
2 x 1968	60	1	218096
2 x 1968	80	1	218097
2 x 1968	100	1	218098
2 x 1968	120	1	218099
2 x 1968	150	1	218100
2 x 1968	180	1	218101
2 x 1968	220	1	218102
2 x 1968	240	1	218103
2 x 1968	320	1	218105
2 x 1968	400	1	218107

Abrasive cloth, brown

## KL 385 JF



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	JF-cotton

### Applications:

Metals	●
NF metals	●
Stainless steel	○
Plastic	○
Wood	○

**Advantages:** Attractively priced universal product for profile sanding - Optimal adaptation to workpiece contours - Tears off cleanly and easily from the roll

### 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
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Width x Length	Grit	Packing unit/pcs.	Article number
1-1/2 x 196-7/8 (5 meters)	80	1	328537
1-1/2 x 196-7/8 (5 meters)	120	1	328538
1-1/2 x 196-7/8 (5 meters)	180	1	328539
1-1/2 x 196-7/8 (5 meters)	240	1	328540

### Metric to imperial measurement roll length conversion:

1968" = 50 meters | 984" = 25 meters | 394" = 10 meters | 196-7/8" = 5 meters



# Rolls with cloth backing

Coated abrasives



►► Continuation of KL 385 JF, Abrasive cloth, brown

Width x Length	Grit	Packing unit/pcs.	Article number
4 x 1968	80	1	247300
4 x 1968	100	1	218208
4 x 1968	120	1	218210
4 x 1968	180	1	218212
4-1/2 x 196-7/8 (5 meters)	60	1	278789
4-1/2 x 196-7/8 (5 meters)	80	1	278790
4-1/2 x 196-7/8 (5 meters)	120	1	278791
4-1/2 x 196-7/8 (5 meters)	320	1	278792
4-1/2 x 1968	40	1	224650
4-1/2 x 1968	60	1	228151
4-1/2 x 1968	80	1	228363
4-1/2 x 1968	100	1	228364
4-1/2 x 1968	120	1	228365
4-1/2 x 1968	180	1	228366

ROLL-BOX

## ROLL-BOX

**NEW** !



**Advantages:** Handy and saves storage of economy rolls - Abrasive tears off cleanly and easily - Quick and simple replacement of rolls - For 5 rolls with a width of 50 mm each - For set-up or attachment to the wall

**Abrasives not included**

Width x Length x Height	Packing unit/pcs.	Article number
12 x 13-3/8 x 9	1	76403

**Metric to imperial measurement roll length conversion:**

1968" = 50 meters | 984" = 25 meters | 394" = 10 meters | 196-7/8" = 5 meters

# Abrasive screen / Rolls, non-woven web

Abrasive screen, self-fastening, waterproof

## AN 400



**NEW** !



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Backing	Polyester grid

### Applications:

Paint/Varnish/Filler	●	Composite materials	●
Gel coats	●	Wood	●
Plaster	●	Wood based materials	●
Plasterboard walls	●		

**Advantages:** Effective and full-surface dust extraction thanks to open grid structure - Dust-free grinding extends the service life of the abrasive - At the same time, improved health and safety thanks to reduced dust formation at the work station - Independent of existing extraction hole patterns - Waterproof

**Standard roll length: 394" = 10 meters**

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
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Width x Length	Grit	Packing unit/pcs.	Article number
4-1/2 x 394	80	1	348458
4-1/2 x 394	100	1	353063
4-1/2 x 394	120	1	348418
4-1/2 x 394	150	1	349059
4-1/2 x 394	180	1	353062
4-1/2 x 394	240	1	349058
4-1/2 x 394	320	1	353061
4-1/2 x 394	400	1	353060

Non-woven web

## NRO 400



### Properties

Bonding agent	Resin
Grain	Aluminium oxide

### Applications:

Stainless steel	●	Paint/Varnish/Filler	○
Metals	●		
Wood	●		
Plastic	○		

**Advantages:** Very good adaptation to surface contours - No clogging - Ideal for smoothing, cleaning, roughening and for general surface finishing - Can be used wet and dry

**Standard roll length: 394" = 10 meters**

Width x Length	Colour	Grade	Packing unit/pcs.	Article number
4 x 394	maroon	medium	1	258870
4 x 394	maroon	fine	1	258872
4 x 394	dark green	very fine general purpose	1	258871
4 x 394	maroon	very fine	1	258873
6 x 394	maroon	medium	1	258890
6 x 394	maroon	fine	1	258892
6 x 394	dark green	very fine general purpose	1	258891
6 x 394	maroon	very fine	1	258893

# Rolls, non-woven web



Non-woven web

## NRO 500



### Properties

Bonding agent	Resin
Grain	SiC

### Applications:

Stainless steel	●	Wood	○
Plastic	●		
Paint/Varnish/Filler	●		
Metals	○		

**Advantages:** Very good adaptation to surface contours - No clogging - Ideal for smoothing, cleaning, roughening and for general surface finishing - Can be used wet and dry

**Standard roll length: 394" = 10 meters**

Width x Length	Colour	Grade	Packing unit/pcs.	Article number
4 x 394	black	medium	1	260365
4 x 394	grey	ultra fine	1	258874
4-1/2 x 394	black	medium	1	260366
4-1/2 x 394	grey	ultra fine	1	258889
6 x 394	black	medium	1	260367
6 x 394	grey	ultra fine	1	258894

Grit	120 - 150	180 - 220	240 - 320	800 - 1000
Grade	medium	fine	very fine	ultra fine
Klingspor Rolls, non-woven web	medium SiC – black			
	medium A – maroon			
		fine A – maroon		
			very fine GP – dark green	
			very fine A – maroon	
				ultra fine SiC – grey

### Metric to imperial measurement roll length conversion:

1968" = 50 meters | 984" = 25 meters | 394" = 10 meters | 196-7/8" = 5 meters

# Rolls, foam

Abrasive cloth

## SW 309 JF (FOAM)



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	JF-cotton

### Applications:

Drywall	●
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**Advantages:** Long life cloth with cushioning foam which prevents gouging and deep scratches - Suitable for hand and pole sanding in drywall applications

**Standard roll length: 394" = 10 meters**

### 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
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Width x Length	Grit	Packing unit/pcs.	Article number
3-1/2 x 394	120	1	302629
3-1/2 x 394	150	1	302630
3-1/2 x 394	180	1	302631
3-1/2 x 394	220	1	302628

### Metric to imperial measurement roll length conversion:

1968" = 50 meters | 984" = 25 meters | 394" = 10 meters | 196-7/8" = 5 meters

Abrasive paper with foam backing

## PS 73 CWF



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	C-paper + foam core

### Applications:

Wood	●
Paint/Varnish/Filler	●
Plastic	●

**Advantages:** Very good distribution of sanding pressure because of elastic and conforming foam backing, which prevents over sanding of thin coatings and provides a very fine finish - High flexibility and very good adaptability to contours and profiles - Reduced clogging due to additional stearate coating and semi-open coated grain - Easy handling by tearing handy pads from a **perforated roll** out of a dispenser box - **Dimensions of abrasive pads: 4-1/2" x 5-1/2"** (115 x 140 mm), approx. 180 pcs

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
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Width x Length	Grit	Packing unit/pcs.	Article number
4-1/2 x 984 (25 meters)	120	1	321755

Abrasive paper with foam backing

## PS 73 BWF



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	B-paper + foam core

### Applications:

Wood	●
Paint/Varnish/Filler	●
Plastic	●

**Advantages:** Very good distribution of sanding pressure because of elastic and conforming foam backing, which prevents over sanding of thin coatings and provides a very fine finish - High flexibility and very good adaptability to contours and profiles - Reduced clogging due to additional stearate coating and semi-open coated grain - Easy handling by tearing handy pads from a **perforated roll** out of a dispenser box - **Dimensions of abrasive pads: 4-1/2" x 5-1/2"** (115 x 140 mm), approx. 180 pcs

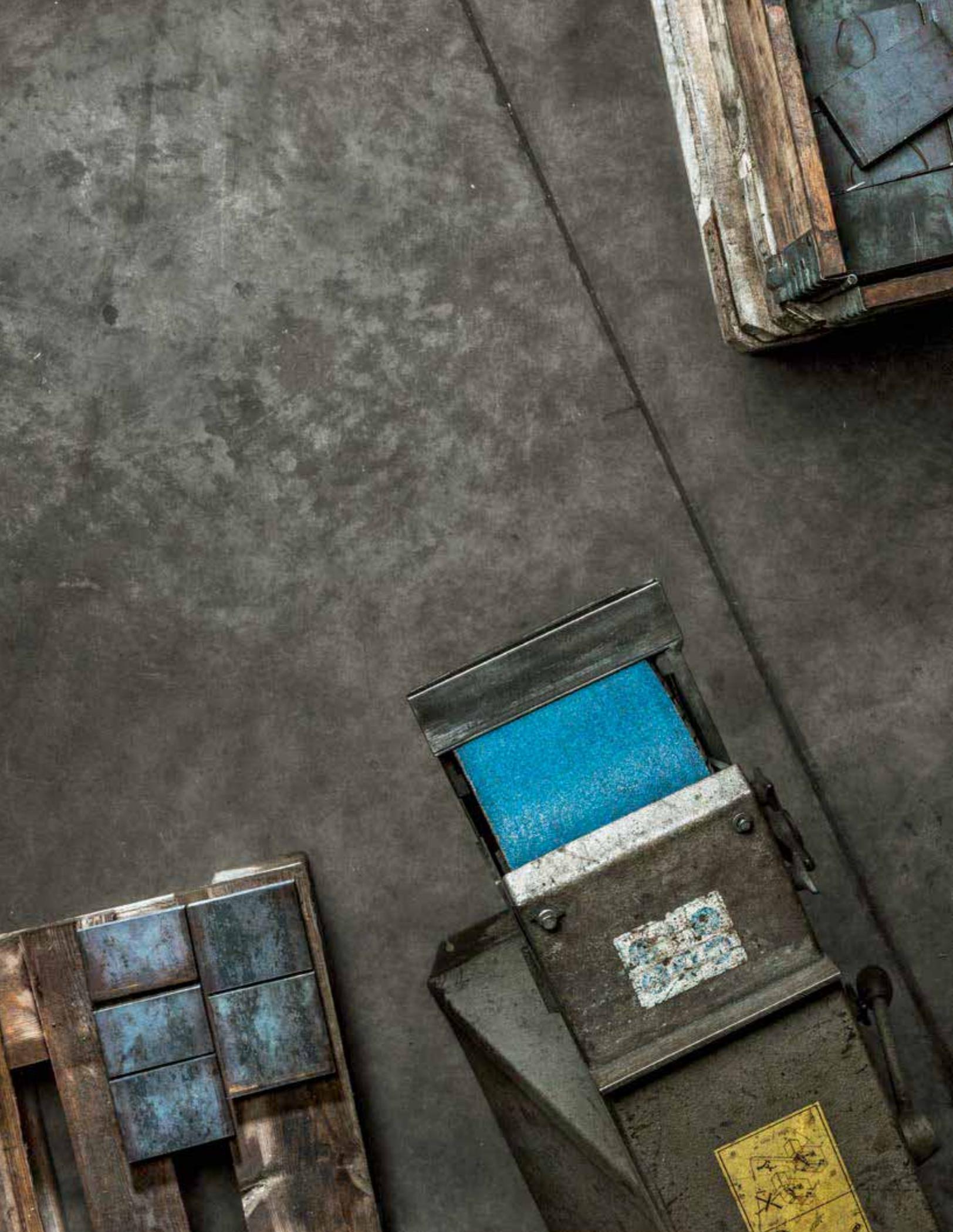
Available grits:

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
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Width x Length	Grit	Packing unit/pcs.	Article number
4-1/2 x 984 (25 meters)	180	1	321756
4-1/2 x 984 (25 meters)	240	1	321757
4-1/2 x 984 (25 meters)	320	1	321758
4-1/2 x 984 (25 meters)	400	1	321760

**Metric to imperial measurement roll length conversion:**

1968" = 50 meters | 984" = 25 meters | 394" = 10 meters | 196-7/8" = 5 meters



# Abrasive belts



## About the product

### Applications guide

- ▶ Suitable for all sanding and grinding operations: with unsupported belt, sander pad and contact wheel
- ▶ Special designs for customized applications, e.g. for furniture production to enable fast and clean preparation of large surfaces ready for painting
- ▶ Wide range of sizes
- ▶ Paper, cloth and film backed
- ▶ All products with high tensile strength and optimum stretching resistance

Application	Type	Grain	Backing	Coating	Characteristics	Page
Steel	<b>LS 309 J</b>	Al. oxide	J-cotton	●	Flexible abrasive cloth for processing slightly profiled workpieces, high stock removal rate, particularly suited for metal	42
	<b>LS 309 JF</b>	Al. oxide	JF-cotton	●	Highly flexible abrasive cloth for highly profiled workpieces for the manufacture of fine surfaces in metal and wood working	42
	<b>LS 309 X</b>	Al. oxide	X-cotton	●	Universal abrasive cloth for metal and woodworking, good price-performance ratio	42
	<b>LS 309 XH</b>	Al. oxide	X-cotton	●	Standard quality for portable belt sanders, especially suited for the processing of metal, wood, paint and varnish	43, 44
	<b>CS 310 X</b>	Al. oxide	X-cotton	●	Abrasive cloth for metal and wood working with stable cloth backing, for heavy duty with particularly long service life	47, 80
	<b>CS 341 X</b>	Al. oxide	X-cotton waterproof	●	Waterproof abrasive cloth for wet grinding on steel and stainless steel, particularly suited for centreless and surface grinding	58, 85
	<b>CS 308 Y</b>	Al. oxide	Y-polyester	●	Polyester abrasive cloth with close coat for working with metal and surface grinding of hardwood	41, 80
Stainless steel	<b>PS 61 F</b>	Ceramic aluminium oxide	F-paper	●	Close coat, tear resistant backing and continuously self-sharpening ceramic grain, the perfect product for users with highest demands on service life, high stock removal rate and process reliability, for the processing of stainless steel surfaces	40, 79
	<b>LS 312 JF</b>	Al. oxide	JF-cotton	●	Highly versatile and flexible premium product for stainless steel components such as fixtures, fittings and surgical instruments	51
	<b>LS 313 JF</b>	Al. oxide	JF-cotton	●	Highly flexible high quality product for stainless steel shaped parts, additional multibond for cool grinding and long service life	51
	<b>CS 931 JF</b>	Ceramic aluminium oxide	JF-cotton	●	Special product with highly flexible backing for use on stainless steel and high alloy steels. Continuously aggressive abrasive performance with a long service life due to semi-open coat self-sharpening ceramic grit. Multibond for "cool grinding" with no discolouration	69
	<b>GX 931 JF</b>	Ceramic aluminium oxide	JF-blended cloth	●	Special highly flexible tear resistant polyester / cotton backed product for stainless steel and high alloy steels; ideal for robot applications. Micro-crystalline ceramic grit with multibond for "cool grinding" and continuously aggressive abrasive performance	69
	<b>GX 712 JF</b>	Al. oxide	JF-blended cloth	●	High performance belt with highly flexible, but nonetheless equipped with extremely tear resistant blended cloth backing, tempered aluminium oxide and coated materials	67
	<b>CS 329 JF</b>	Al. oxide agglomerate	JF-cotton	●	Long life belt with consistent scratch pattern. Special product for the dry grinding of strongly profiled parts in the stainless steel processing industry	56
	<b>CS 631 XF</b>	Ceramic aluminium oxide	XF-cotton	●	Flexible highly efficient belt for best grinding performance, long service life through self-sharpening ceramic grain for rough and intermediate grinding of contours, profiles and fittings, with multibond for cool grinding	66
	<b>CS 410 X</b>	Al. oxide	X-cotton	●	Abrasive cloth with tear resistant backing for heavy-duty, multibond for long service life, especially suited for stainless steel processing	59
	<b>CS 411 X</b>	Zirconia alumina	X-cotton	●	High performance belt with high stock removal rate for rough grinding and deburring of steel and stainless steel	60
	<b>CS 411 Y</b>	Zirconia alumina	Y-polyester	●	Particularly tear resistant high performance belt with high stock removal rate for rough grinding and deburring of stainless steel and steel	61, 62, 86
	<b>CS 416 Y</b>	Zirconia alumina	Y-polyester	●	Extra tear resistant abrasive belt with high stock removal rates for grinding steel and stainless steel with a semi-open coat	65
	<b>CS 409 Y</b>	Zirconia alumina	Y-polyester	●	Extremely tear resistant high performance belt with high stock removal efficiency and long service life due to additional multibond, for stainless steel and high alloy steels, cool grinding	59, 85
	<b>CS 912 Y ACT</b>	Ceramic aluminium oxide	Y-polyester	●	Extremely tear resistant high performance belt with self-sharpening ceramic grain for high stock removal efficiency and long service life for processing high alloy steels	68, 87
	<b>CS 910 Y ACT</b>	Ceramic aluminium oxide	Y-polyester	●	Extremely tear resistant high performance belt with self-sharpening ceramic grain for high stock removal efficiency and long service life for processing high alloy steels, multibond for cool grinding	68
	<b>CS 330 X</b>	SiC / cork	X-cotton waterproof	●	Special belt for steel and stainless steel on surface belt grinders and circular grinding machines, particularly suitable for satin polishing and finishing	57, 84
	<b>CS 326 Y</b>	Al. oxide agglomerate	Y-polyester	●	Long life belt for wet grinding with extremely long service and uniform scratch pattern for centerless circular and surface grinding	56, 83
	<b>CS 329 Y</b>	Al. oxide agglomerate	Y-polyester	●	Long life belt with consistent surface finish for centreless circular and surface grinding. Aggressive grinding behaviour with low tool pressure	57, 83
	<b>CS 420 Y</b>	Al. oxide agglomerate	Y-polyester	●	Special product with cylindrical-shaped structured abrasive grain for the centreless finishing of stainless steel. Very long service life and uniform scratch pattern	66
	<b>CS 325 Y</b>	SiC agglomerate	Y-polyester	●	Long life belt with consistent surface finish for centreless finishing	56
<b>NBF 820</b>	Al. oxide	Non-woven web + polyester lining	●	Special product for working metal and stainless steel surfaces with a tool belt grinder. Very high service life, no premature clogging, high edge stability, tear resistant belt joint	70	
<b>NBS 820</b>	Al. oxide	Non-woven web + polyester lining	●	Structure as for NBF 820, though for handheld machines with larger pulleys and stationary belt sanders	71	

● = close   ● = semi-open   ○ = open

Belts



# Abrasive belts

## Applications guide

Application	Type	Grain	Backing	Coating	Characteristics	Page
Steel / Stainless steel	<b>PS 20 F</b>	Al. oxide	F-paper	●	Closed coat and heavy, tear resistant backing for high stock removal rate and a long service life for metalworking	<b>38, 74</b>
	<b>PS 21 F</b>	Zirconia alumina	F-paper	●	Closed coat, tear resistant backing and high quality, self-sharpening zirconia alumina grain for a long service life and high grinding performance particularly on stainless steel surfaces	<b>38, 74</b>
	<b>PS 729 F</b>	Al. oxide agglomerate	F-paper	●	Long life belt for dry grinding applications, for a constant surface quality for pre-grinding until finishing. Specially developed for coil and sheet grinding with intermediate contact pressure	<b>41, 79</b>
	<b>CS 412 Y</b>	Al. oxide	Y-polyester	●	Sturdy and highly tear resistant polyester backing for coarse and intermediate grinding on metal	<b>63, 64, 86</b>
	<b>CS 310 XF</b>	Al. oxide	XF-cotton	●	Flexible abrasive cloth for profiled metal formed parts, standard quality for use with hand tool belt grinders	<b>49</b>
	<b>CS 411 X</b>	Zirconia alumina	X-cotton	●	High performance belt with high stock removal rate for rough grinding and deburring of steel and stainless steel	<b>60</b>
	<b>CS 411 Y</b>	Zirconia alumina	Y-polyester	●	Particularly tear resistant high performance belt with high stock removal rate for rough grinding and deburring of stainless steel and steel	<b>61, 62, 86</b>
	<b>CS 416 Y</b>	Zirconia alumina	Y-polyester	●	Extra tear resistant abrasive belt with high stock removal rates for grinding steel and stainless steel with a semi-open coat	<b>65</b>
	<b>CS 330 X</b>	SiC / cork	X-cotton waterproof	●	Special belt for steel and stainless steel on surface belt grinders and circular grinding machines, particularly suitable for satin polishing and finishing	<b>57, 84</b>
	<b>CS 710 XF</b>	Al. oxide	XF-cotton	●	Flexible abrasive belt with hardened aluminium oxide grains for working on surfaces and moulded parts	<b>67</b>
<b>CS 811 Y ACT</b>	Zirconia alumina	Y-polyester	●	Excellent grain adhesion, stable, highly tear-resistant polyester backing for particularly high duty during rough grinding and deburring of steel and stainless steel. High quality zirconia alumina for highest aggressiveness over the complete service life	<b>68</b>	
NF metals	<b>CS 333 JF</b>	SiC	JF-cotton	●	Highly flexible abrasive belt for metal shaped parts, particularly suited for NF metals	<b>58</b>
	<b>CS 333 XF</b>	SiC	XF-cotton	●	Flexible abrasive belt for metal shaped parts, particularly for NF metals	<b>58</b>
	<b>GX 533 JF</b>	SiC	JF-blended cloth	●	Flexible belt with aggressive, hard SiC grit and flexible blended cloth backing for grinding profiles, contours and formed/shaped parts, e.g. fittings	<b>66</b>
	<b>GX 712 JF</b>	Al. oxide	JF-blended cloth	●	High performance belt with highly flexible, but nonetheless equipped with extremely tear resistant blended cloth backing, tempered aluminium oxide and coated materials	<b>67</b>
	<b>LS 314 JF</b>	Al. oxide	JF-cotton	●	Flexible abrasive belt with hardened aluminium oxide grains for working on surfaces and moulded parts	<b>51</b>
Wood	<b>PS 22 F ACT</b>	Al. oxide	F-paper	●	Close coat for maximum stock removal and uniform scratch pattern regarding surface treatment of hard, low content woods. Advanced Coating Technology (ACT) and antistatic properties prevent premature clogging	<b>38, 75</b>
	<b>PS 28 F</b>	Al. oxide	F-paper	○	Open coat and antistatic properties prevent premature clogging of the belt with sanding dust, sturdy, tear resistant backing, for all kinds of wood, particularly soft and high resin woods, e.g. spruce, pine	<b>40, 77</b>
	<b>PS 29 F ACT</b>	Al. oxide	F-paper	○	Abrasive belt with outstanding service life. Open coat, antistatic properties as well as Advanced Coating Technology (ACT) prevent premature clogging. The abrasive paper is particularly suitable for processing soft and high resin woods	<b>40, 77</b>
	<b>PS 38 G ACT</b>	SiC	G-paper	●	Special product with very strong and robust G-weight paper backing, excellent antistatic properties and sharp-edged silicon carbide grain, for finishing of particle boards and fibreboards	<b>78</b>
	<b>LS 309 X</b>	Al. oxide	X-cloth	●	Universal abrasive cloth for metal and woodworking, good price-performance ratio	<b>42</b>
	<b>LS 309 XH</b>	Al. oxide	X-cloth	●	Standard quality for portable belt sanders, especially suited for the processing of metal, wood, paint and varnish	<b>43, 44</b>
	<b>CS 311 Y ACT</b>	Al. oxide	Y-polyester	○	Aluminium oxide quality with an open coat on tear resistant polyester backing for calibration and intermediate sanding when working with wood	<b>50, 81</b>
	<b>CS 308 Y</b>	Al. oxide	Y-polyester	●	Polyester abrasive cloth with close coat for working with metal and sanding of hardwood	<b>41, 80</b>
	<b>LS 318 JF ACT</b>	Al. oxide	JF-cloth	○	Highly flexible J-Flex backing for intermediate sanding and finishing of highly profiled and curved wooden parts. Advanced Coating Technology (ACT) and antistatic properties prevent premature clogging	<b>52</b>
	<b>CS 538 Z ACT</b>	SiC	Z-polyester (can be segmented)	●	Special product for the timber products industry. A close coat and antistatic technology ensure an optimal service life. The sharp silicon carbide easily penetrates high density material surfaces	<b>87</b>
<b>CS 336 Y</b>	SiC	Y-polyester	●	Special product for calibrating and sanding of chipboard	<b>84</b>	
Paint / Varnish / Filler	<b>PS 24 F ACT</b>	SiC	F-paper	●	Close coat, a stable backing with hard silicon carbide grit for painted and coated surfaces in the timber and especially the furniture industry	<b>39, 76</b>
	<b>PS 27 DW</b>	SiC	D-paper	○	Open coat and a special stearate coat prevent premature clogging and loading of the belt. Special product for high quality varnish surfaces, particularly UV varnish	<b>39, 76</b>
	<b>PS 524 E</b>	SiC	E-paper	●	Close coat with hard silicon carbide grain for painted and filled surfaces in the wood and furniture industry	<b>39, 75</b>
	<b>FP 73 W</b>	Aluminium oxide	Film	●	Special product with very tear resistant film backing for the processing of paint, varnish and filler with high service life through additional special coat	<b>41</b>

● = close   ● = semi-open   ○ = open



# Abrasive belts

## Applications guide



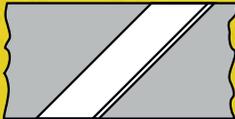
Application	Type	Grain	Backing	Coating	Characteristics	Page
Plastic	<b>GX 533 JF</b>	SiC	JF-blended cloth	●	Flexible belt with aggressive, hard SiC grit and flexible blended cloth backing for sanding profiles, contours and formed/shaped parts, e.g. fittings	<b>66</b>
Glass	<b>CS 322 X</b>	(Cork)	X-cloth waterproof		Special belt for polishing glass	<b>55</b>
	<b>CS 333 X</b>	SiC	X-cloth	●	Abrasive cloth with tear resistant backing for heavy duty and long service life for the processing of glass, ceramics, plastic and scale (dry grinding)	<b>57</b>
Plastic / Glass	<b>CS 320 Y</b>	SiC	Y-polyester	●	Highly tear resistant special belt for high demands for wet and dry grinding of glass, ceramic and plastic	<b>53, 82</b>
	<b>CS 321 X</b>	SiC	X-cloth	●	Special belt for wet and dry grinding of glass, ceramic and plastic	<b>54, 82</b>

● = close ○ = semi-open ○ = open

## Belt joints for long and short belts

Klingspor supplies belts with various types of joints. The type of joint you require depends on the work involved and the machine you are using. The following illustrations show the most common joints. The available types of joint are listed in the product charts on the following product pages.

**If the product you require is not in stock, we will manufacture it for you subject to a minimum order quantity.**

 	<p><b>Type 1</b> Diagonal cut, glued overlapped.</p>	 	<p><b>Type 5</b> Overlapping glued joint. Grit zone is completely ground off. Preferred joint for wood finishes with flat contact elements.</p>
 	<p><b>Type 2</b> Diagonal cut, glued overlapped. Grain tips are completely removed from the overlap to provide for a smoother running belt.</p>	 	<p><b>Type 6 G</b> Diagonal cut, butt joint with cloth-reinforced foil glued on grit side. Grit zone is completely ground off. Use on machines with planar contact elements.</p>
 	<p><b>Type 3 G</b> Zig zag joint, with cloth-reinforced foil backing, impact-free working at very sensitive parts, in particular glass.</p>	 	<p><b>Type 7 G</b> Sine joint, with cloth-reinforced foil backing, impact-free working at very sensitive parts, for demanding requirements.</p>
 	<p><b>Type 4 G</b> Diagonal cut. Butt joint with cloth-reinforced foil backing. Also suitable for working on unsupported belts, for demanding requirements.</p>		



**We reserve the right to over-deliver or under-deliver non stock items.**

### Minimum order quantities for non stock items:

Width	Minimum order quantities
Dynaflex belts: 1/8" to less than 1"	25 pieces
1" to 15"	10 pieces
16" and greater	5 pieces

### Minimum order quantities NBF 820 / NBS 820

Width	Minimum order quantities
Dynaflex up to 2"	10 pieces
2"	3 pieces
2" and greater	2 pieces

# Belts with paper backing

Coated abrasives

Abrasive paper

## PS 20 F



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	F-paper

### Applications:

Metals	●
NF metals	●
Stainless steel	●
Steel	◐

**Advantages:** Universal type for finish grinding of steel, stainless steel and other metals - High stock removal rate

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

All sizes and minimum purchasing quantities available on request

Abrasive paper

## PS 21 F



### Properties

Bonding agent	Resin
Grain	Zirconia alumin./ Al. oxide
Coating	Close
Backing	F-paper

### Applications:

Stainless steel	●
Metals	●
Steel	●

**Advantages:** High aggressiveness and long service life due to self-sharpening zirconia alumina - Specially developed for rough grinding through finish grinding of stainless steel surfaces

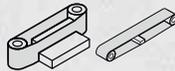
Available grits:

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

All sizes and minimum purchasing quantities available on request

Abrasive paper, ANTISTATIC

## PS 22 F ACT



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	F-paper

### Applications:

Wood	●	Plastic	◐
Metals	◐		
NF metals	◐		
Paint/Varnish/Filler	◐		

**Advantages:** High removal rate, fine surface scratch pattern - Specially developed for finish grinding of hardwood - Reduced clogging and longer service life due to ACT recipe and antistatic properties

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

All sizes and minimum purchasing quantities available on request

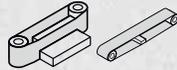
# Belts with paper backing

Coated abrasives



Abrasive paper, ANTISTATIC

## PS 524 E



**NEW** !

### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	E-paper

### Applications:

Paint/Varnish/Filler	●
Plastic	●
Wood	◐

**Advantages:** Universal belt for hard and tough workpiece surfaces - Fine sanding pattern in the wood and furniture industry - Long service life due to antistatic equipment - Very good price-performance ratio

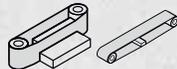
Available grits:

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

All sizes and minimum purchasing quantities available on request

Abrasive paper, ANTISTATIC

## PS 24 F ACT



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	F-paper

### Applications:

Paint/Varnish/Filler	●
Plastic	●
Wood	◐

**Advantages:** For hard and tough surfaces - Finely sanded and varnish surfaces in the wood and furniture industry - Long service life due to ACT recipe and antistatic properties

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

All sizes and minimum purchasing quantities available on request

Abrasive paper, ANTISTATIC

## PS 27 DW



**NEW** !

### Properties

Bonding agent	Resin
Grain	SiC
Coating	Open
Backing	D-paper

### Applications:

Paint/Varnish/Filler	●
Aluminium	●
Plastic	◐

**Advantages:** Special product for high-quality varnish surfaces, especially UV finishes - Substantially reduced clogging and longer service life due to additional special coating - Very fine surface scratch pattern

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

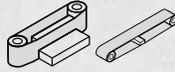
All sizes and minimum purchasing quantities available on request

# Belts with paper backing

Coated abrasives

Abrasive paper, ANTISTATIC

## PS 28 F



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Open
Backing	F-paper

### Applications:

Wood	●
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**Advantages:** Universal belt for general woodworking, especially softwood - Excellent price/performance ratio

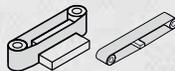
#### Available grits:

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

All sizes and minimum purchasing quantities available on request

Abrasive paper, ANTISTATIC

## PS 29 F ACT



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Open
Backing	F-paper

### Applications:

Wood	●
------	---

**Advantages:** High-quality universal belt for general woodworking, especially softwood - Reduced clogging and longer service life due to ACT recipe and antistatic properties

#### 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

All sizes and minimum purchasing quantities available on request

Abrasive paper

## PS 61 F



### Properties

Bonding agent	Resin
Grain	Ceramic Al. oxide
Coating	Close
Backing	F-paper

### Applications:

Stainless steel	●
Steel	●
Wood	●

**Advantages:** Continuously aggressive abrasive behaviour due to micro-crystalline and self-sharpening ceramic grit - High-performance abrasive belt for stainless steel finish grinding

**NEW !**

#### 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

All sizes and minimum purchasing quantities available on request

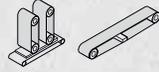
# Belts with paper / film / cloth backing

Coated abrasives



Abrasive paper, KULEX

## PS 729 F



**NEW** !



**Properties**

Bonding agent	Resin
Grain	Al. oxide agglom.
Backing	F-paper

**Applications:**

Stainless steel	●
Steel	●

**Advantages:** Long life belt for dry grinding applications - Extremely high service life - Constant surface quality for pre-grinding until finishing - Especially developed for grinding with intermediate contact pressure

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

All sizes and minimum purchasing quantities available on request

Abrasive film, active coated

## FP 73 W



**NEW** !



**Properties**

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	Film

**Applications:**

Paint/Varnish/Filler	●
Plastic	●

**Advantages:** Special product for processing varnish, plastic and composites - Highly tear-resistant film backing - Abrasive belt with extremely good adaptation, smooth surface and excellent grit adhesion - Substantially reduced clogging and significantly longer service life

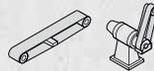
Available grits:

- 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

All sizes and minimum purchasing quantities available on request

Abrasive cloth

## CS 308 Y



**NEW** !



**Properties**

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	Y-polyester

**Applications:**

Stainless steel	●	Plastic	○
Wood	●		
Steel	●		
NF metals	●		

**Advantages:** Tear-resistant universal abrasive cloth for metalworking and for hardwood finish grinding - Excellent removal rate under high stress

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

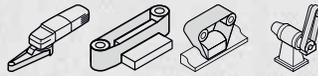
All sizes and minimum purchasing quantities available on request

# Belts with cloth backing

Coated abrasives

Abrasive cloth

## LS 309 J



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	J-cotton

### Applications:

Metals	●
NF metals	●
Wood	●

**Advantages:** Good abrasive performance for working on slight contours on metal and wood

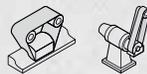
### Available grits:

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth

## LS 309 JF



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	JF-cotton

### Applications:

Metals	●
NF metals	●
Wood	●

**Advantages:** High removal rate in metalworking and woodworking - Very good adaptation to radiuses and contours due to highly flexible cotton backing

### 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

All sizes and minimum purchasing quantities available on request

Abrasive cloth

## LS 309 X



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	X-cotton

### Applications:

Metals	●
NF metals	●
Wood	●

**Advantages:** Universal belt for metalworking and woodworking - Excellent price-performance ratio

**NEW !**

### 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

All sizes and minimum purchasing quantities available on request

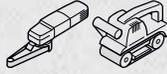
# Belts with cloth backing

Coated abrasives



Abrasive cloth

## LS 309 XH



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	X-cotton

### Applications:

Wood	●
Metals	●
NF metals	●
Paint/Varnish/Filler	●

**Advantages:** Special type for portable belt sanders - For universal use on wood, metal, paint and varnish - Large product mix of belts for all sanding machines

### 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

Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
3 x 21	40	F5	10	4137
3 x 21	50	F5	10	4138
3 x 21	60	F5	10	4139
3 x 21	80	F5	10	4140
3 x 21	100	F5	10	4141
3 x 21	120	F5	10	4142
3 x 21	150	F5	10	4143
3 x 21	180	F5	10	4144
3 x 21	240	F5	10	43614
3 x 24	40	F5	10	37285
3 x 24	50	F5	10	230923
3 x 24	60	F5	10	38842
3 x 24	80	F5	10	40365
3 x 24	100	F5	10	41576
3 x 24	120	F5	10	42642
3 x 24	150	F5	10	326488
3 x 24	180	F5	10	326489
4 x 24	40	F5	10	4478
4 x 24	50	F5	10	4479
4 x 24	60	F5	10	4480
4 x 24	80	F5	10	4481
4 x 24	100	F5	10	4482
4 x 24	120	F5	10	4483
4 x 24	150	F5	10	4484
4 x 24	180	F5	10	43302

# Belts with cloth backing

Coated abrasives

Abrasive cloth

## LS 309 XH



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	X-cotton

### Applications:

Metals	●
NF metals	●
Wood	●

**Advantages:** Universal belt for metalworking and woodworking - Excellent price/performance ratio

### 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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
1 x 30	60	F4G	10	302851
1 x 30	80	F4G	10	302852
1 x 30	100	F4G	10	302848
1 x 30	120	F4G	10	302849
1 x 30	150	F4G	10	302850
1 x 42	80	F4G	10	302855
1 x 42	100	F4G	10	302853
1 x 42	120	F4G	10	302854
2-1/2 x 14	60	F4G	10	302858
2-1/2 x 14	80	F4G	10	302859
2-1/2 x 14	100	F4G	10	302856
2-1/2 x 14	120	F4G	10	302857
3 x 18	80	F4G	10	302879
3 x 18	120	F4G	10	302878
4 x 21	60	F4G	10	302895
4 x 21	80	F4G	10	302896
4 x 21	120	F4G	10	302894
4 x 36	40	F4G	10	302863
4 x 36	50	F4G	10	302864
4 x 36	60	F4G	10	302865
4 x 36	80	F4G	10	302866
4 x 36	100	F4G	10	302860
4 x 36	120	F4G	10	302861
4 x 36	150	F4G	10	302862
6 x 48	40	F4G	10	326470
6 x 48	60	F4G	10	326471
6 x 48	80	F4G	10	315967
6 x 48	100	F4G	10	326472
6 x 48	120	F4G	10	326473
6 x 48	150	F4G	10	315966
6 x 48	180	F4G	10	326474



# Belts with cloth backing

Coated abrasives



## ►► Continuation of LS 309 XH, Abrasive cloth

Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
6 x 89	80	F4G	10	326475
6 x 89	100	F4G	10	326476
6 x 89	120	F4G	10	326477
6 x 89	150	F4G	10	326478
6 x 108	80	F4G	10	326479
6 x 108	100	F4G	10	326480
6 x 108	120	F4G	10	326481

# Belts with cloth backing

Coated abrasives

Abrasive cloth

## CS 310 X



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	X-cotton

### Applications:

Stainless steel	●	Plastic	●
Wood	●		
Steel	●		
NF metals	●		

**Advantages:** High-quality universal type for metalworking and woodworking - Good removal rate under high stress

### 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

Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
3/8 x 13	60	F4G	25	232770
3/8 x 13	80	F4G	25	302667
3/8 x 13	100	F4G	25	302665
3/8 x 13	120	F4G	25	302666
1/2 x 18	60	F4G	25	302635
1/2 x 18	80	F4G	25	302636
1/2 x 18	100	F4G	25	302632
1/2 x 18	120	F4G	25	302633
1/2 x 18	220	F4G	25	302634
1/2 x 24	40	F4G	25	329207
1/2 x 24	60	F4G	25	329209
1/2 x 24	80	F4G	25	302638
1/2 x 24	120	F4G	25	302637
3/4 x 18	36	F4G	25	302655
3/4 x 18	60	F4G	25	302656
3/4 x 18	80	F4G	25	302657
3/4 x 18	120	F4G	25	329240
3/4 x 20-1/2	36	F4G	25	297032
3/4 x 20-1/2	40	F4G	25	302661
3/4 x 20-1/2	50	F4G	25	302662
3/4 x 20-1/2	60	F4G	25	302663
3/4 x 20-1/2	80	F4G	25	302664
3/4 x 20-1/2	120	F4G	25	302658
3/4 x 20-1/2	180	F4G	25	302659
1-1/8 x 21	40	F4G	10	302640
1-1/8 x 21	60	F4G	10	302641
1-1/8 x 21	80	F4G	10	302642
1-1/8 x 21	120	F4G	10	302639

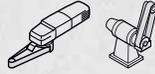
# Belts with cloth backing

Coated abrasives



Abrasive cloth

## CS 310 X



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	X-cotton

### Applications:

Stainless steel	●	Plastic	◐
Wood	●		
Steel	●		
NF metals	●		

**Advantages:** High-quality universal type for metalworking and woodworking - Good removal rate under high stress

### 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
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Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
1 x 30	80	F4G	10	316007
1 x 30	600	F4G	10	316006
1 x 42	60	F4G	10	303795
1 x 42	80	F4G	10	303794
1 x 42	100	F4G	10	302643
1 x 42	120	F4G	10	302644
1 x 42	320	F4G	10	302645
2 x 48	60	F4G	10	257202
2 x 48	80	F4G	10	257203
2 x 48	120	F4G	10	329318
2 x 72	36	F4G	5	302651
2 x 72	50	F4G	10	302652
2 x 72	60	F4G	10	302653
2 x 72	80	F4G	10	302654
2 x 72	120	F4G	10	302650
3 x 18	36	F4G	5	302674
3 x 21	36	F4G	5	302676
3 x 24	24	F4G	5	302677
3 x 24	36	F4G	5	302678
3 x 48	60	F4G	10	302680
3 x 48	80	F4G	10	302681
3-1/2 x 15-1/2	50	F4G	10	302671
3-1/2 x 15-1/2	60	F4G	10	302672
3-1/2 x 15-1/2	80	F4G	10	302673
3-1/2 x 15-1/2	120	F4G	10	302668
3-1/2 x 15-1/2	150	F4G	10	302669
3-1/2 x 15-1/2	180	F4G	10	302670
4 x 24	24	F4G	5	302682
4 x 24	36	F4G	5	302683
4 x 36	36	F4G	5	302686
4 x 36	60	F4G	10	302687
4 x 36	80	F4G	10	302688
4 x 36	120	F4G	10	302684
6 x 48	36	F4G	5	302699



# Belts with cloth backing

## Coated abrasives

### ►► Continuation of CS 310 X, Abrasive cloth

Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
6 x 48	40	F4G	10	302700
6 x 48	50	F4G	10	302701
6 x 48	60	F4G	10	302702
6 x 48	80	F4G	10	302703
6 x 48	100	F4G	10	302695
6 x 48	120	F4G	10	302696
6 x 48	180	F4G	10	302697
6 x 48	220	F4G	10	302698
6 x 60	60	F4G	10	302704
6 x 60	80	F4G	10	302705
6 x 89	60	F4G	10	302709
6 x 89	80	F4G	10	302710
6 x 89	100	F4G	10	302707
6 x 89	120	F4G	10	302708
6 x 108	60	F4G	10	302692
6 x 108	80	F4G	10	302693
6 x 108	100	F4G	10	302689
6 x 108	120	F4G	10	302690
6 x 158	80	F4G	10	302694
6 x 158	100	F4G	10	326513

# Belts with cloth backing

Coated abrasives



Abrasive cloth

## CS 310 XF



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	XF-cotton

### Applications:

Stainless steel	●
Metals	●
NF metals	●
Steel	●

**Advantages:** Universal type for working on radiuses and contours with belt files in all areas of metalworking

### 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

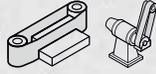
Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number	Characteristics
1/4 x 24	40	F4G	25	4644	
1/4 x 24	60	F4G	25	4645	
1/4 x 24	80	F4G	25	4646	
1/4 x 24	120	F4G	25	70595	
1/4 x 24	180	F4G	25	344510	
1/2 x 24	40	F4G	25	4652	
1/2 x 24	60	F4G	25	4653	
1/2 x 24	80	F4G	25	4654	
1/2 x 24	120	F4G	25	70591	
1/2 x 24	240	F4G	25	99182	
6 x 21	60	F4G	10	310857	TORN EDGE
6 x 21	80	F4G	10	314015	TORN EDGE
6 x 21	120	F4G	10	313972	TORN EDGE
6 x 21	150	F4G	10	313973	TORN EDGE
6 x 21	240	F4G	10	315333	TORN EDGE
6 x 48	60	F4G	10	310863	TORN EDGE
6 x 48	80	F4G	10	314019	TORN EDGE
6 x 48	120	F4G	10	315624	TORN EDGE
6 x 48	150	F4G	10	314017	TORN EDGE
6 x 48	240	F4G	10	315334	TORN EDGE

# Belts with cloth backing

Coated abrasives

Abrasive cloth ANTISTATIC

## CS 311 Y ACT



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Open
Backing	Y-polyester

### Applications:

Wood	●
Metals	○

**Advantages:** Good removal rate for working on wood under high stress - Minimal clogging and long service life due to ACT recipe and antistatic properties

### 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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
3 x 24	60	F4G	10	302714
3 x 24	80	F4G	10	302715
3 x 24	100	F4G	10	302712
3 x 24	120	F4G	10	302713
4 x 24	40	F4G	10	302718
4 x 24	60	F4G	10	302719
4 x 24	80	F4G	10	302720
4 x 24	100	F4G	10	302716
4 x 24	120	F4G	10	302717
6 x 48	60	F4G	10	283342
6 x 48	80	F4G	10	283343
6 x 48	100	F4G	10	284238
6 x 48	120	F4G	10	329496
6 x 89	80	F4G	10	302729
6 x 89	100	F4G	10	302727
6 x 89	120	F4G	10	302728
6 x 108	60	F4G	10	302723
6 x 108	80	F4G	10	302724
6 x 108	100	F4G	10	302721
6 x 108	120	F4G	10	302722
6 x 158	80	F4G	10	302726
6 x 158	100	F4G	10	302725
6 x 158	120	F4G	10	322528

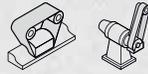
# Belts with cloth backing

Coated abrasives



Abrasive cloth

## LS 312 JF



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	JF-cotton

### Applications:

Stainless steel	●	Wood	○
Metals	●		
NF metals	●		
Steel	●		

**Advantages:** Outstanding removal rate and service life due to active abrasive substances - Very good adaptation to radiuses and contours due to highly flexible cotton backing

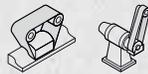
Available grits:

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth, multibond

## LS 313 JF



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	JF-cotton

### Applications:

Stainless steel	●
Aluminium	●
NF metals	○

**Advantages:** Top product for working on temperature-sensitive molded parts - Very good adaptation to radiuses and contours due to highly flexible cotton backing - Cool grinding due to additional multibond

**NEW** !

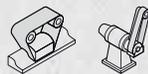
Available grits:

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth

## LS 314 JF



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	JF-cotton

### Applications:

Metals	●
Plastic	●
NF metals	●

**Advantages:** Specialized product with stearate coating to reduce clogging during work on lightly and heavily profiled parts made of brass, aluminum and composite materials (plastic/stainless steel or wood/stainless steel)

**NEW** !

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

All sizes and minimum purchasing quantities available on request

# Belts with cloth backing

Coated abrasives

Abrasive cloth ANTISTATIC, SUPERFLEX

## LS 318 JF ACT



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Open
Backing	JF-cotton

### Applications:

Wood	●
------	---

**Advantages:** Top product for working on profiles and contours, especially in woodworking - Outstanding adaptation, also to tight radiuses, due to highly flexible cotton backing - Reduced clogging and long service life to the ACT recipe

### 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

All sizes and minimum purchasing quantities available on request

# Belts with cloth backing

Coated abrasives



Abrasive cloth, waterproof

## CS 320 Y



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	Y-polyester

### Applications:

Glass/Stone	●
Mineral based materials	●
Plastic	●

**Advantages:** Outstanding abrasive performance on hard and difficult-to-machine materials - Ideal for high stress - Can be used wet or dry

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
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Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
1-1/8 x 21	40	F7G	40	302733
1-1/8 x 21	60	F7G	40	302734
1-1/8 x 21	80	F7G	40	302735
1-1/8 x 21	100	F7G	40	302730
1-1/8 x 21	120	F7G	40	302731
1-1/8 x 21	180	F7G	40	302732

Abrasive cloth, waterproof

## CS 320 Y



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	Y-polyester

### Applications:

Glass/Stone	●
Mineral based materials	●
Plastic	●

**Advantages:** Outstanding abrasive performance on hard and difficult-to-machine materials - Ideal for high stress - Can be used wet or dry

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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
3 x 21	80	F7G	10	302738
3 x 21	120	F7G	10	302736
3 x 21	180	F7G	10	302737
3 x 24	60	F7G	10	302741
3 x 24	80	F7G	10	302742
3 x 24	120	F7G	10	302739
3 x 24	180	F7G	10	302740
4 x 106	60	F7G	10	302746
4 x 106	80	F7G	10	302747
4 x 106	100	F7G	10	302743
4 x 106	120	F7G	10	302744
4 x 106	180	F7G	10	302745

# Belts with cloth backing

Coated abrasives

Abrasive cloth, waterproof

## CS 321 X



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	X-cotton

### Applications:

Glass/Stone	●
Mineral based materials	●
Plastic	●

**Advantages:** Outstanding abrasive performance on hard and difficult-to-machine materials - Ideal for wet grinding, but also suitable for dry grinding

### 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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
1-1/8 x 21	220	F7G	40	302749
1-1/8 x 21	240	F7G	40	302750
1-1/8 x 21	320	F7G	40	302751
1-1/8 x 21	400	F7G	40	302752
1-1/8 x 21	500	F7G	40	302753
1-1/8 x 21	800	F7G	40	302754

Abrasive cloth, waterproof

## CS 321 X



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	X-cotton

### Applications:

Glass/Stone	●
Mineral based materials	●
Plastic	●

**Advantages:** Outstanding abrasive performance on hard and difficult-to-machine materials - Ideal for wet grinding, but also suitable for dry grinding

### 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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
3 x 24	220	F7G	10	302755
3 x 24	240	F7G	10	302756
3 x 24	400	F7G	10	302757
4 x 106	220	F7G	10	302758
4 x 106	320	F7G	10	302759
4 x 106	400	F7G	10	302760

# Belts with cloth backing

Coated abrasives



Abrasive cloth, waterproof

## CS 322 X



### Properties

Bonding agent Resin	
Grain	Cork
Backing	X-cotton

### Applications:

Glass/Stone	●
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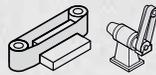
**Advantages:** Special product for polishing glass with high-quality cork/resin coating - Long life with consistent polishing effect - Waterproof

Width x Length	Belt joint	Packing unit/pcs.	Article number
1-1/8 x 21	F1	20	55830

Belts

Abrasive cloth, waterproof

## CS 322 X



### Properties

Bonding agent Resin	
Grain	Cork
Backing	X-cotton

### Applications:

Glass/Stone	●
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**Advantages:** Special product for polishing glass with high-quality cork/resin coating - Long life with consistent polishing effect - Waterproof

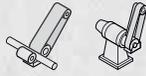
Width x Length	Belt joint	Packing unit/pcs.	Article number
4 x 106	F1	10	306319

# Belts with cloth backing

Coated abrasives

Abrasive cloth, KULEX

## CS 325 Y



**NEW** !

### Properties

Bonding agent	Resin
Grain	SiC agglom.
Backing	Y-polyester

### Applications:

Stainless steel	●
Glass/Stone	●
Metals	●

**Advantages:** Long-life abrasive belt for a brilliant, glossy finish, under medium to high grinding pressure - Extremely long life, with consistent surface roughness and finish - Suitable for dry and wet grinding

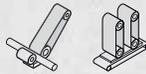
### Available grits:

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth, KULEX

## CS 326 Y



### Properties

Bonding agent	Resin
Grain	Al. oxide agglom.
Backing	Y-polyester

### Applications:

Stainless steel	●
Steel	●

**Advantages:** Long-life abrasive belt for a satin surface scratch pattern, under medium to high grinding pressure - Extremely long life, with consistent surface roughness and finish - Suitable for dry grinding

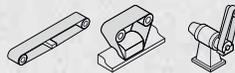
### Available grits:

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth, KULEX

## CS 329 JF



**NEW** !

### Properties

Bonding agent	Resin
Grain	Al. oxide agglom.
Backing	JF-cotton

### Applications:

Stainless steel	●
Steel	●

**Advantages:** Long-life abrasive belt for a satin surface scratch pattern, under low to medium grinding pressure - Very suitable for strongly profiled workpieces - Especially suitable for dry grinding

### 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

All sizes and minimum purchasing quantities available on request

# Belts with cloth backing

Coated abrasives



Abrasive cloth, KULEX

## CS 329 Y



**NEW** !



### Properties

Bonding agent	Resin
Grain	Al. oxide agglom.
Backing	Y-polyester

### Applications:

Stainless steel	●
Steel	●

**Advantages:** Long-life abrasive belt for a satin surface scratch pattern, under low to medium grinding pressure - Especially suitable for dry grinding

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth, waterproof

## CS 330 X



### Properties

Bonding agent	Resin
Grain	SiC/Cork
Coating	Close
Backing	X-cotton

### Applications:

Stainless steel	●
Steel	●

**Advantages:** Soft, very fine grinding and polishing with low surface roughness, polishable - Special belt for satin final finishing of stainless steel and steel surfaces with cork granulate with SiC/resin coating

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth

## CS 333 X



**NEW** !



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	X-cotton

### Applications:

Glass/Stone	●
Plastic	●
Metals	●

**Advantages:** Ideal for dry grinding of very hard or difficult-to-machine materials (castings, scales, ceramic, rubber, plastic)

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

All sizes and minimum purchasing quantities available on request

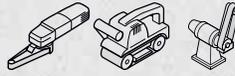
Belts

# Belts with cloth backing

Coated abrasives

Abrasive cloth

## CS 333 XF



**NEW** !

### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	XF-cotton

### Applications:

Metals	●
NF metals	●
Plastic	●

**Advantages:** Long service life and high abrasive performance - Top product for robot grinding of brass fittings - Optimal combination of flexibility and tear resistance

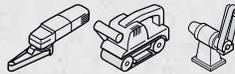
Available grits:

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth

## CS 333 JF



**NEW** !

### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	JF-cotton

### Applications:

NF metals	●
Metals	●
Plastic	●

**Advantages:** Long service life and high abrasive performance - Very good adaptation to radiuses and contours due to highly flexible cotton backing - Ideal for hand grinding of brass fittings and other molded parts

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth, waterproof

## CS 341 X



**NEW** !

### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	X-cotton

### Applications:

Metals	●
Stainless steel	●
Steel	●
NF metals	●

**Advantages:** High-quality universal type for wet grinding - Good service life and fine finish - Especially for rough through fine grinding in centreless and surface grinding applications

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

All sizes and minimum purchasing quantities available on request

# Belts with cloth backing

Coated abrasives



Abrasive cloth, multibond

## CS 409 Y



### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Close
Backing	Y-polyester

### Applications:

Stainless steel	●
NF metals	⦿

**Advantages:** Aggressive abrasive behavior - Cool grinding and increased grinding performance on stainless steel and high-alloy steels due to additional multibond - Very long service life also when used for grinding of non-ferrous metals

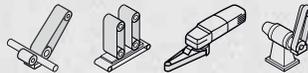
Available grits:

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
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All sizes and minimum purchasing quantities available on request

Abrasive cloth, multibond

## CS 410 X



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	X-cotton

### Applications:

Stainless steel	●
NF metals	⦿

**Advantages:** High aggressiveness and abrasive performance in rough grinding of steel and stainless steel - Very versatile in all areas of metalworking

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
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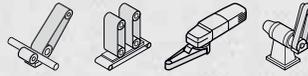
All sizes and minimum purchasing quantities available on request

# Belts with cloth backing

Coated abrasives

Abrasive cloth

## CS 411 X



### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Close
Backing	X-cotton

### Applications:

Stainless steel	●
Steel	●
Metals	●

**Advantages:** High aggressiveness and abrasive performance in rough grinding of steel and stainless steel - Very versatile in all areas of metalworking

### 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
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Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
1 x 42	80	F4G	10	302763
1 x 42	120	F4G	10	302762
2 x 72	50	F4G	10	302765
2 x 72	80	F4G	10	302766
2 x 72	120	F4G	10	302764
3 x 48	60	F4G	10	302768
3 x 48	80	F4G	10	302769
4 x 36	60	F4G	10	302771
4 x 36	80	F4G	10	302772
4 x 132	36	F4G	5	302770
6 x 48	36	F4G	5	302776
6 x 48	50	F4G	10	302777
6 x 48	60	F4G	10	302778
6 x 48	80	F4G	10	255426
6 x 48	120	F4G	10	322529
6 x 108	60	F4G	10	326482

# Belts with cloth backing

Coated abrasives



Abrasive cloth, waterproof

## CS 411 Y



### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Close
Backing	Y-polyester

### Applications:

Stainless steel	●
Steel	●
Metals	●

**Advantages:** Tear-resistant product for use on belt files - Especially high aggressiveness and abrasive performance due to active abrasive substances - Especially for stainless steel, but also for steel and metal in general

### 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
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Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
3/8 x 13	60	F4G	25	302797
3/8 x 13	80	F4G	25	302798
3/8 x 13	120	F4G	25	329179
1/2 x 18	36	F4G	25	326483
1/2 x 18	60	F4G	25	302780
1/2 x 18	80	F4G	25	302781
1/2 x 18	120	F4G	25	329206
1/2 x 24	40	F4G	25	322530
1/2 x 24	50	F4G	25	302783
1/2 x 24	60	F4G	25	302784
1/2 x 24	80	F4G	25	302785
1/2 x 24	120	F4G	25	302782
3/4 x 18	40	F4G	25	302787
3/4 x 18	60	F4G	25	302788
3/4 x 18	80	F4G	25	302789
3/4 x 18	120	F4G	25	329243
3/4 x 20-1/2	36	F4G	25	322531
3/4 x 20-1/2	50	F4G	25	302790
3/4 x 20-1/2	60	F4G	25	302791
3/4 x 20-1/2	80	F4G	25	302792
3/4 x 20-1/2	100	F4G	25	326419

# Belts with cloth backing

Coated abrasives

Abrasive cloth, waterproof

## CS 411 Y



### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Close
Backing	Y-polyester

### Applications:

Stainless steel	●
Steel	●
Metals	●

**Advantages:** Tear-resistant high performance belt - Especially high aggressiveness and abrasive performance due to active abrasive substances - Especially for stainless steel, but also for steel and metal in general

### 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

Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
2 x 72	36	F4G	5	329348
2 x 72	60	F4G	10	329350
2 x 72	80	F4G	10	329351
2 x 72	120	F4G	10	329352
3 x 90	36	F4G	5	302799
3 x 90	60	F4G	10	302800
3 x 90	80	F4G	10	302801
3-1/2 x 15-1/2	36	F4G	5	329437
3-1/2 x 15-1/2	60	F4G	10	329442
3-1/2 x 15-1/2	80	F4G	10	329444
3-1/2 x 15-1/2	120	F4G	10	329445
4 x 132	36	F4G	5	302802
4 x 132	60	F4G	10	302803
4 x 132	80	F4G	10	302804
7-7/8 x 29-1/2	24	F7G	5	294215
7-7/8 x 29-1/2	36	F7G	5	294216
7-7/8 x 29-1/2	40	F7G	5	294217
7-7/8 x 29-1/2	60	F7G	5	294218
7-7/8 x 29-1/2	80	F7G	5	294219
7-7/8 x 29-1/2	120	F7G	5	294221

# Belts with cloth backing

Coated abrasives



Abrasive cloth, waterproof

## CS 412 Y



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	Y-polyester

### Applications:

Metals	●	Wood	○
NF metals	●		
Stainless steel	●		
Steel	●		

**Advantages:** High-quality universal type for wet and dry grinding of stainless steel, steel and other metal surfaces

### 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

Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
1/2 x 18	40	F4G	25	322533
1/2 x 18	60	F4G	25	302805
1/2 x 18	80	F4G	25	302806
1/2 x 24	60	F4G	25	74434
1/2 x 24	80	F4G	25	302808
1/2 x 24	120	F4G	25	201590
3/4 x 18	40	F4G	25	302817
3/4 x 18	50	F4G	25	302818
3/4 x 18	60	F4G	25	302819
3/4 x 18	80	F4G	25	302820
3/4 x 18	120	F4G	25	302816
3/4 x 20-1/2	40	F4G	25	296977
3/4 x 20-1/2	60	F4G	25	302795
3/4 x 20-1/2	80	F4G	25	302796
3/4 x 20-1/2	120	F4G	25	302793
3/4 x 20-1/2	150	F4G	25	329245
3/4 x 20-1/2	180	F4G	25	302794
3/4 x 20-1/2	240	F4G	25	322534

# Belts with cloth backing

Coated abrasives

Abrasive cloth, waterproof

## CS 412 Y



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	Y-polyester

### Applications:

Metals	●	Wood	○
NF metals	●		
Stainless steel	●		
Steel	●		

**Advantages:** High-quality universal type for wet and dry grinding of stainless steel, steel and other metal surfaces

### 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
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Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
3 x 132	36	F4G	5	302826
3 x 132	60	F4G	10	302827
3 x 132	80	F4G	10	302828
3 x 132	120	F4G	10	302823
3 x 132	150	F4G	10	302824
3 x 132	240	F4G	10	302825
4 x 132	60	F4G	10	329469
4 x 132	80	F4G	10	302832
4 x 132	120	F4G	10	302830
4 x 132	240	F4G	10	302831
7-7/8 x 29-1/2	24	F4G	5	302834
7-7/8 x 29-1/2	36	F4G	5	302835
7-7/8 x 29-1/2	40	F4G	5	302836
7-7/8 x 29-1/2	50	F7G	5	302837
7-7/8 x 29-1/2	60	F7G	5	302838
7-7/8 x 29-1/2	80	F7G	5	302839
7-7/8 x 29-1/2	100	F7G	5	302833

# Belts with cloth backing

Coated abrasives



Abrasive cloth, waterproof

## CS 416 Y



### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Semi-open
Backing	Y-polyester

### Applications:

Stainless steel	●
Plastic	●
Leather	●
NF metals	○

**Advantages:** Very high aggressiveness and abrasive performance - Long service life also when used on materials that cause clogging

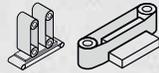
### Available grits:

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth, waterproof

## CS 416 Y



### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Semi-open
Backing	Y-polyester

### Applications:

Stainless steel	●
Plastic	●
NF metals	○

**Advantages:** Very high aggressiveness and abrasive performance - Long service life also when used on materials that cause clogging

### 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

Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
7-7/8 x 29-1/2	24	F7G	5	307073
7-7/8 x 29-1/2	36	F7G	5	307074
7-7/8 x 29-1/2	40	F7G	5	307085
7-7/8 x 29-1/2	60	F7G	5	307086
7-7/8 x 29-1/2	80	F7G	5	307087
7-7/8 x 29-1/2	100	F7G	5	307088
7-7/8 x 29-1/2	120	F7G	5	317715

# Belts with cloth backing

Coated abrasives

Abrasive cloth, NOPPEX

## CS 420 Y



**NEW** !



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Backing	Y-polyester

### Applications:

Stainless steel	●
Steel	●

**Advantages:** Long-life abrasive belt with knob structure for a satin surface scratch pattern, under high to medium grinding pressure - Very suitable for centreless circular and surface grinding - Suitable for dry and wet grinding

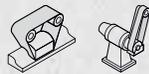
Available grits:

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
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All sizes and minimum purchasing quantities available on request

Abrasive cloth

## GX 533 JF



**NEW** !



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	JF-blended cloth

### Applications:

NF metals	●	Mineral based materials	●
Plastic	●		
Metals	●		
Titanium/Alloy	●		

**Advantages:** Special product for use on brass (sanitary fittings) and titanium (surgical instruments) - Good adaptation to radiuses and contours - High process reliability in robot applications or working with unsupported belts due to highly tear resistant blended fabric backing

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
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All sizes and minimum purchasing quantities available on request

Abrasive cloth, multibond

## CS 631 XF



### Properties

Bonding agent	Resin
Grain	Ceramic Al. oxide
Coating	Semi-open
Backing	XF-cotton

### Applications:

Stainless steel	●
Titanium/Alloy	●

**Advantages:** Continuously aggressive abrasive performance, with long service life due to ceramic grit - Good adaptation to radiuses and contours - Prevents heat tinting on stainless steel due to multibond

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
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All sizes and minimum purchasing quantities available on request

# Belts with cloth backing

Coated abrasives



Abrasive cloth

## CS 710 XF



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	XF-cotton

### Applications:

Steel	●
Stainless steel	●
NF metals	●

**Advantages:** Machine grinding of surfaces or molded parts in trade and industry - Flexible, yet tear-resistant backing - Abrasive belt with hardened and tempered aluminium oxide

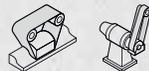
### Available grits:

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
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Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number	Characteristics
6 x 90	80	F4G	10	312103	TORN EDGE
6 x 90	120	F4G	10	324924	TORN EDGE
6 x 90	150	F4G	10	312104	TORN EDGE
6 x 90	240	F4G	10	330660	TORN EDGE
6 x 132	80	F4G	10	321977	TORN EDGE
6 x 132	120	F4G	10	308127	TORN EDGE
6 x 132	150	F4G	10	316600	TORN EDGE
6 x 132	180	F4G	10	317916	TORN EDGE
6 x 132	240	F4G	10	308128	TORN EDGE

Abrasive cloth

## GX 712 JF



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	JF-blended cloth

### Applications:

NF metals	●
Stainless steel	●
Steel	●
Metals	●

**NEW !**

**Advantages:** Active abrasive substances ensure outstanding abrasive performance - Special product for tough/hard and heat-sensitive materials - Good adaptation to radiuses and contours - High process reliability in robot applications or working with unsupported belts due to highly tear resistant blended fabric backing.

### 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
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All sizes and minimum purchasing quantities available on request

# Belts with cloth backing

Coated abrasives

Abrasive cloth, waterproof

## CS 811 Y ACT



### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Close
Backing	Y-polyester

### Applications:

Die-cast aluminium	●
Stainless steel	●
Steel	●

**Advantages:** High aggressiveness and abrasive performance; specially developed for applications under high stress - Especially good grain adhesion and service life due to ACT recipe

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth, multibond

## CS 910 Y ACT



### Properties

Bonding agent	Resin
Grain	Ceramic Al. oxide
Coating	Close
Backing	Y-polyester

### Applications:

Stainless steel	●
Titanium/Alloy	●

**Advantages:** Continuously aggressive abrasive performance, with long service life due to ceramic grit - High-performance abrasive belt for stainless steel finish grinding - Prevents heat tinting on stainless steel - No clogging/glazing when used on titanium and high-alloy steels

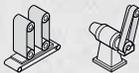
Available grits:

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth, waterproof

## CS 912 Y ACT



### Properties

Bonding agent	Resin
Grain	Ceramic Al. oxide
Coating	Close
Backing	Y-polyester

### Applications:

Stainless steel	●
Steel	●

**Advantages:** Continuously aggressive abrasive performance, with long service life due to ceramic grit - High-performance abrasive belt for stainless steel finish grinding

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

All sizes and minimum purchasing quantities available on request

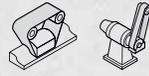
# Belts with cloth backing

Coated abrasives



Abrasive cloth, multibond

## CS 931 JF



### Properties

Bonding agent	Resin
Grain	Ceramic Al. oxide
Coating	Semi-open
Backing	JF-cotton

### Applications:

Stainless steel	●
Titanium/Alloy	●

**Advantages:** Special product with high flexible backing for the processing of stainless steel and high-alloyed steel - Continuously aggressive grinding properties with high lifetime due to semiopen coated self-sharpening ceramic grain - Very good adaptability to radiuses and edges through high flexible backing - The additional multibond provides a "cool grinding" in the processing of stainless steel and thus tempering colours are avoided

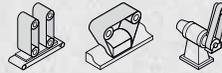
### Available grits:

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth, multibond

## GX 931 JF



### Properties

Bonding agent	Resin
Grain	Ceramic Al. oxide
Coating	Semi-open
Backing	JF-blended cloth

### Applications:

Stainless steel	●
Titanium/Alloy	●

**NEW !**

**Advantages:** Special product with flexible and tear resistant backing for the processing of stainless steel and high-alloyed steel - Continuously aggressive grinding properties with high lifetime due to semi-open coated self-sharpening ceramic grain - Good adaptability on radiuses and edges through flexible backing - High process reliability in robot applications or grinding slack of the belt because of extremely tear resistant polycotton backing - The additional multibond provides a cool grinding in the processing of stainless steel and avoids tempering colours

### 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

All sizes and minimum purchasing quantities available on request

# Non-woven web belts

Non-woven web belt

## NBF 820



### Properties

Bonding agent	Resin
Grain	Aluminium oxide

### Applications:

Stainless steel	●
NF metals	●
Metals	●

**Advantages:** Special product for working metal and stainless steel surfaces with hand-guided machinery - Very high service life, no premature clogging, high edge stability, tear-resistant belt joint

Width x Length	Belt joint	Colour	Grade	Packing unit/pcs.	Article number
1/4 x 18	F4G	brown	coarse	10	329171
1/4 x 24	F4G	brown	coarse	10	329172
1/4 x 24	F4G	maroon	medium	10	329174
1/2 x 12	F4G	maroon	medium	10	326540
1/2 x 18	F4G	brown	coarse	10	303596
1/2 x 18	F4G	maroon	medium	10	303597
1/2 x 18	F4G	blue	very fine	10	303598
1/2 x 24	F4G	brown	coarse	10	303599
1/2 x 24	F4G	maroon	medium	10	303600
1/2 x 24	F4G	blue	very fine	10	303601
3/4 x 18	F4G	blue	very fine	10	303606
3/4 x 18	F4G	brown	coarse	10	303610
3/4 x 18	F4G	maroon	medium	10	303611
3/4 x 20-1/2	F4G	brown	coarse	10	303602
3/4 x 20-1/2	F4G	maroon	medium	10	303603
3/4 x 20-1/2	F4G	blue	very fine	10	303604

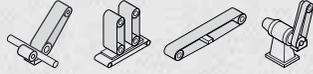
Information regarding grit range see chart on page 71.

# Non-woven web belts



Non-woven web belt

## NBS 820



### Properties

Bonding agent Resin	
Grain	Aluminium oxide

### Applications:

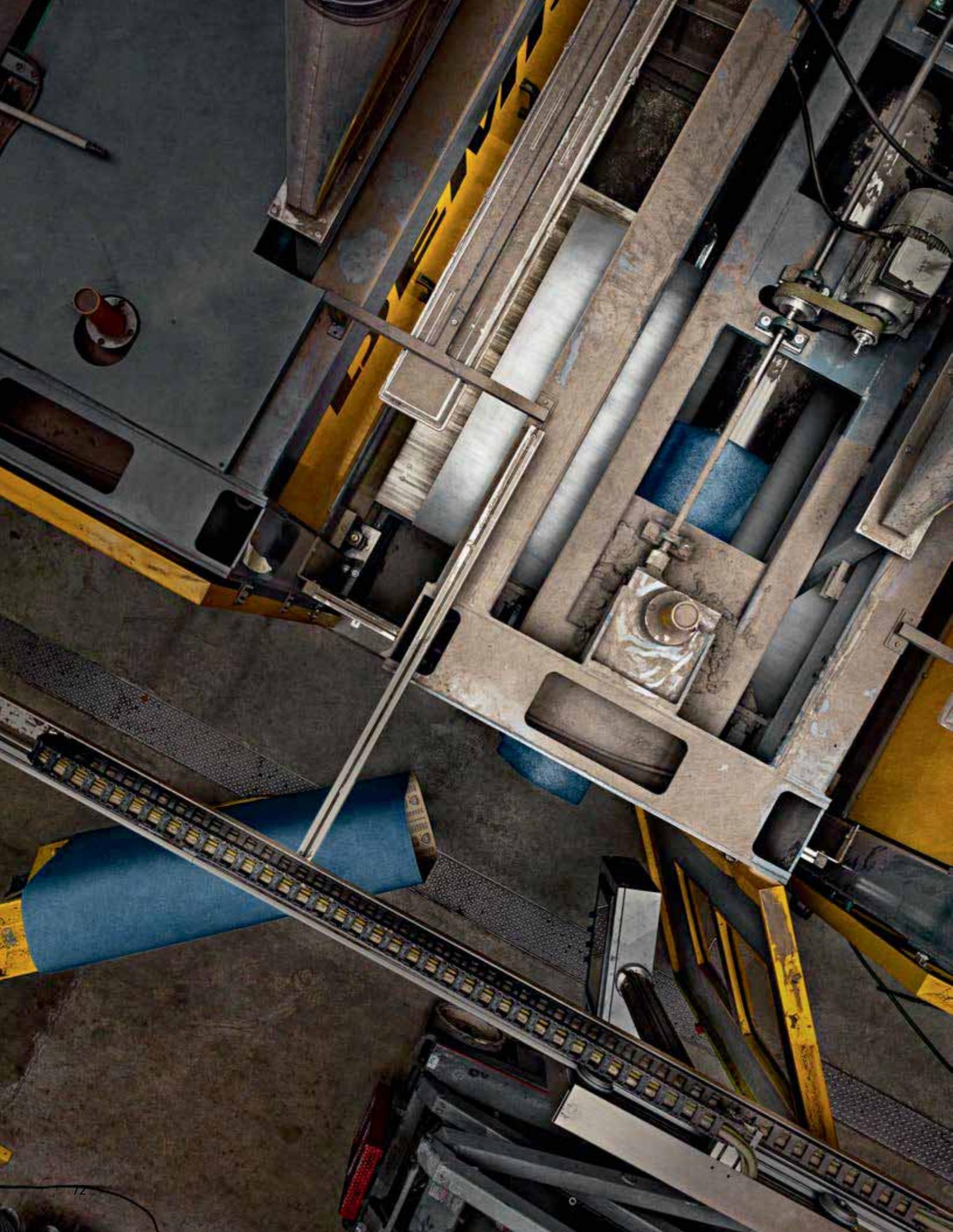
Stainless steel	●
NF metals	●
Metals	◐

**Advantages:** Special product for surface finishing with hand-operated machines (except hand tool belt grinders) and stationary machines - Ideal for removal of discolorations, for light deburring, leveling, matt finishing and roughening - Minimal clogging - Long service life - Suitable for dry and wet grinding

Width x Length	Belt joint	Colour	Grade	Packing unit/pcs.	Article number
3 x 132	F4G	brown	coarse	2	303618
3 x 132	F4G	maroon	medium	2	303619
3 x 132	F4G	blue	very fine	2	303620
3-1/2 x 15-1/2	F4G	brown	coarse	10	303613
3-1/2 x 15-1/2	F4G	maroon	medium	10	303615
3-1/2 x 15-1/2	F4G	blue	very fine	10	303616
5-3/8 x 11-5/8	F4G	brown	coarse	10	326541
5-3/8 x 11-5/8	F4G	maroon	medium	10	326542
6 x 48	F4G	maroon	medium	2	303608

Grit	60 - 80	120 - 150	180 - 240
Grade	coarse	medium	very fine
Klingspor Non-woven web belts	coarse A – brown		
		medium A – maroon	
			very fine – blue

Aggressiveness decreasing ↓

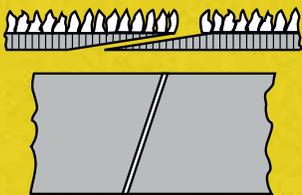


## Belt joints for wide belts

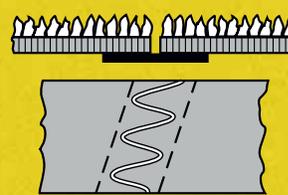
Klingspor supplies belts with various types of joint. The type of joint you require depends on the work involved and the machine you are using.

The following illustrations show the usual types of joint. The available types of joint are listed in the product charts on the following product pages.

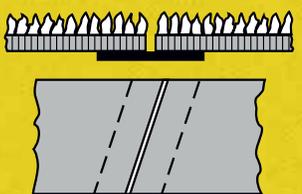
**If the product you require is not in stock, we will manufacture it for you subject to a minimum order quantity.**



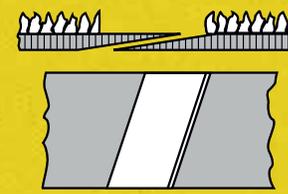
**Form 1**  
Overlapping glued joint. Standard joint for wide belts with paper backing.



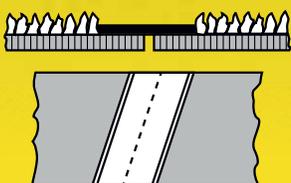
**Form 3 G**  
Zig zag joint, with foil backing for finishing surfaces that must be of the highest quality using wide belts with cloth backing.



**Form 4 G**  
Butt joint with cloth-reinforced foil backing. Standard joint for wide belts with cloth backing. High tear resistance.



**Form 5**  
Overlapping glued joint. Grit zone is completely ground off. For applications with flat contact elements, allows a gentle transition in the belt connection area.



**Form 6 G**  
Butt joint with cloth-reinforced foil glued on grit side. Grit zone is completely ground off. Use in the timber products industry.

# Wide belts with paper backing

Coated abrasives

Abrasive paper

## PS 20 F



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	F-paper

### Applications:

Stainless steel	●
Metals	●
NF metals	●
Steel	○

**Advantages:** Universal product for stainless steel finish grinding - High cutting rate

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

All sizes and minimum purchasing quantities available on request

Abrasive paper

## PS 21 F



### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Close
Backing	F-paper

### Applications:

Stainless steel	●
Metals	●
Steel	●

**Advantages:** Aggressive abrasive behavior due to self-sharpening alumina zirconia - Optimal recipe for rough grinding and finish grinding of stainless steel

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

All sizes and minimum purchasing quantities available on request

# Wide belts with paper backing

Coated abrasives



Abrasive paper, ANTISTATIC

## PS 22 F ACT



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	F-paper

### Applications:

Wood	●	Plastic	○
Metals	○		
NF metals	○		
Paint/Varnish/Filler	○		

**Advantages:** High removal rate, fine surface scratch pattern, especially suitable for hardwood, HPL panels and melamine and primer foil coatings - Reduced clogging and longer service life due to ACT recipe and antistatic properties

### 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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
37 x 60	120	F1	5	322535
37 x 60	150	F1	5	322536

Abrasive paper, ANTISTATIC

## PS 524 E



**NEW !**



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	E-paper

### Applications:

Stainless steel	●
Paint/Varnish/Filler	●
Plastic	●
Wood	○

**Advantages:** Universal belt for hard and tough workpiece surfaces - Produces a brilliant finish on stainless steel surfaces - Fine sanding pattern in the wood and furniture industry - Long service life due to antistatic equipment - Very good price-performance ratio

### 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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

All sizes and minimum purchasing quantities available on request

# Wide belts with paper backing

Coated abrasives

Abrasive paper, ANTISTATIC

## PS 24 F ACT



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	F-paper

### Applications:

Stainless steel	●
Paint/Varnish/Filler	●
Plastic	●
Wood	◐

**Advantages:** For hard and tough surfaces - Produces a brilliant, high-gloss finish of stainless steel surfaces due to the very hard and sharp-edged silicon carbide grit - Long service life on varnish surfaces in the wood and furniture industry due to ACT recipe and antistatic properties

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

All sizes and minimum purchasing quantities available on request

Abrasive paper, ANTISTATIC

## PS 27 DW



**NEW !**



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Open
Backing	D-paper

### Applications:

Paint/Varnish/Filler	●
Aluminium	●
Plastic	◐

**Advantages:** Special product for high-quality varnish surfaces, especially UV finishes - Substantially reduced clogging and significantly longer service life due to additional stearate coat and antistatic properties

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

All sizes and minimum purchasing quantities available on request

# Wide belts with paper backing

Coated abrasives



Abrasive paper, ANTISTATIC

## PS 28 F



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Open
Backing	F-paper

### Applications:

Wood	●
Leather	●

**Advantages:** Universal type for use on wood, especially softwood - Version for wide belts up to 1350 mm

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

All sizes and minimum purchasing quantities available on request

Abrasive paper, ANTISTATIC

## PS 29 F ACT



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Open
Backing	F-paper

### Applications:

Wood	●
------	---

**Advantages:** High-quality universal type for general woodworking - Large product mix - Reduced clogging and longer service life due to ACT recipe and antistatic properties

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

Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
25 x 60	120	F1	5	302915
25 x 60	150	F1	5	302916
25 x 60	180	F1	5	302917
36 x 75	80	F1	5	329554
36 x 75	120	F1	5	302918
36 x 75	150	F1	5	302919
36 x 75	180	F1	5	302920
37 x 60	120	F1	5	302921
37 x 60	150	F1	5	302922
37 x 75	100	F1	5	332020
37 x 75	120	F1	5	302923



# Wide belts with paper backing

Coated abrasives

►► Continuation of PS 29 F ACT, Abrasive paper, ANTISTATIC

Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
37 x 75	150	F1	5	302924
37 x 75	180	F1	5	302925
52 x 103	120	F1	5	306320
52 x 103	150	F1	5	306321
52 x 103	180	F1	5	306322
52 x 103	220	F1	5	306323
53 x 103	100	F1	5	329622
53 x 103	120	F1	5	322541
53 x 103	150	F1	5	322542
53 x 103	180	F1	5	322543
54 x 103	80	F1	5	326469
54 x 103	120	F1	5	326466
54 x 103	150	F1	5	326467
54 x 103	180	F1	5	326468

Abrasive paper, ANTISTATIC

## PS 38 G ACT



**NEW** !



**Properties**

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	G-paper

**Applications:**

Wood based materials	●
Wood	●
Composite materials	●
Mineral based materials	●

**Advantages:** High removal rate and fine surface scratch pattern - Developed for fine sanding of wood based materials with wide belts and segmented belts - Outstanding grit adhesion, very long service life due to perfect antistatic properties and ACT recipe

**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

All sizes and minimum purchasing quantities available on request

# Wide belts with paper backing

Coated abrasives

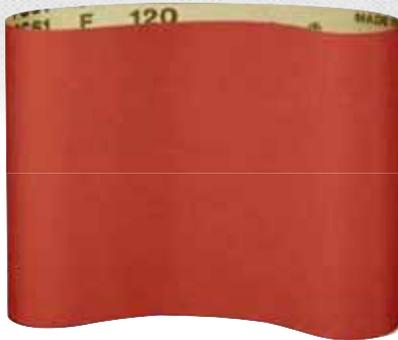


Abrasive paper

## PS 61 F



**NEW** !



**Properties**

Bonding agent	Resin
Grain	Ceramic Al. oxide
Coating	Close
Backing	F-paper

**Applications:**

Stainless steel	●
Steel	●
Wood	◐

**Advantages:** Continuously aggressive abrasive behaviour due to micro-crystalline and self-sharpening ceramic grit - High performance abrasive belt for stainless steel finish grinding

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

All sizes and minimum purchasing quantities available on request

Abrasive paper, KULEX

## PS 729 F



**NEW** !



**Properties**

Bonding agent	Resin
Grain	Al. oxide agglom.
Backing	F-paper

**Applications:**

Stainless steel	●
Steel	●

**Advantages:** Long life belt for dry grinding applications - Extremely high service life - Constant surface quality for pre-grinding until finishing - Especially developed grinding with intermediate contact pressure

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

All sizes and minimum purchasing quantities available on request

# Wide belts with cloth backing

Coated abrasives

Abrasive cloth

## CS 308 Y



**NEW** !



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	Y-polyester

### Applications:

Wood	●	Plastic	○
NF metals	●		
Stainless steel	●		
Steel	●		

**Advantages:** Universal product for metal and wood applications - High tear resistance - Moisture proof

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth

## CS 310 X



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	X-cotton

### Applications:

Metals	●	Plastic	○
Steel	●		
Stainless steel	●		
Wood	○		

**Advantages:** Universal product with optimal price-performance ratio - Available in a wide grit range

Available grits:

- 16
- 20
- 24
- 30
- 36
- 40
- 50
- 60
- 80
- 100
- 120
- 150
- 180
- 220
- 240
- 280
- 320
- 360
- 400
- 500
- 600
- 800
- 1000
- 1200
- 1500
- 2000

All sizes and minimum purchasing quantities available on request

# Wide belts with cloth backing

Coated abrasives



Abrasive cloth ANTISTATIC

## CS 311 Y ACT



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Open
Backing	Y-polyester

### Applications:

Wood	●
Metals	○

**Advantages:** Specially developed for calibration grinding of wood - Reduced clogging and longer service life due to Advanced Coating Technology (ACT) and antistatic properties

### 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

Width x Length	Grit	Belt joint	Packing unit/pcs.	Article number
25 x 60	80	F4G	5	302907
25 x 60	100	F4G	5	302904
25 x 60	120	F4G	5	302905
25 x 60	150	F4G	5	302906
36 x 75	60	F4G	5	329556
36 x 75	80	F4G	5	329557
36 x 75	120	F4G	5	329558
36 x 60	80	F4G	5	329543
36 x 60	120	F4G	5	329542
37 x 60	80	F4G	5	302910
37 x 60	100	F4G	5	282744
37 x 60	120	F4G	5	302908
37 x 60	150	F4G	5	302909
37 x 75	60	F4G	5	302913
37 x 75	80	F4G	5	302914
37 x 75	100	F4G	5	326487
37 x 75	120	F4G	5	302911
37 x 75	150	F4G	5	302912

# Wide belts with cloth backing

Coated abrasives

Abrasive cloth, waterproof

## CS 320 Y



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	Y-polyester

### Applications:

Mineral based materials	●
Plastic	●

**Advantages:** Very hard and sharp silicon carbide grain for hard and tough workpiece surfaces - High aggressiveness and abrasive performance - Especially suitable for wet grinding of glass, ceramic and plastic

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth, waterproof

## CS 321 X



**NEW !**



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	X-cotton

### Applications:

Mineral based materials	●
Plastic	●
Stainless steel	●

**Advantages:** Produces a brilliant, glossy finish on stainless steel surfaces due to the very hard and sharp-edged silicon carbide grit - Very high aggressiveness and abrasive performance - Especially suitable for wet grinding

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

All sizes and minimum purchasing quantities available on request

# Wide belts with cloth backing

Coated abrasives



Abrasive cloth, KULEX

## CS 326 Y



**NEW** !



**Properties**

Bonding agent	Resin
Grain	Al. oxide agglom.
Backing	Y-polyester

**Applications:**

Stainless steel	●
Steel	●

**Advantages:** Long-life abrasive belt for a satin surface scratch pattern, under medium to high grinding pressure - Extremely long life, with consistent surface roughness and finish - Suitable for dry grinding

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth, KULEX

## CS 329 Y



**NEW** !



**Properties**

Bonding agent	Resin
Grain	Al. oxide agglom.
Backing	Y-polyester

**Applications:**

Stainless steel	●
Steel	●

**Advantages:** Long-life abrasive belt for a satin surface scratch pattern, under low to medium grinding pressure - Especially suitable for dry grinding

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

All sizes and minimum purchasing quantities available on request

# Wide belts with cloth backing

Coated abrasives

Abrasive cloth

## CS 330 X



**NEW** !



### Properties

Bonding agent	Resin
Grain	SiC/Cork
Coating	Close
Backing	X-cotton

### Applications:

Steel	●
Stainless steel	●

**Advantages:** Special product for soft and fine grinding, polishable due to very hard and sharp edged silicon carbide grit on cork granulate - Special satin finish grinding on steel and stainless steel surfaces - Suitable for dry and wet grinding

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth ANTISTATIC

## CS 336 Y



**NEW** !



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Semi-open
Backing	Y-polyester

### Applications:

Wood	●
Mineral based materials	●
Wood based materials	●

**Advantages:** High removal rate, especially suitable for calibration and fine sanding of wood based materials (one piece wide belts up to 1620 mm) - Optimal static reduction - No dust accumulation due to perfect antistatic properties

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

All sizes and minimum purchasing quantities available on request

# Wide belts with cloth backing

Coated abrasives



Abrasive cloth, waterproof

## CS 341 X



**NEW** !



**Properties**

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	X-cotton

**Applications:**

Metals	●
Stainless steel	●
Steel	●
NF metals	●

**Advantages:** Universal product for wet and dry grinding of steel and stainless steel - Excellent wear properties in wet grinding

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth, multibond

## CS 409 Y



**NEW** !



**Properties**

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Close
Backing	Y-polyester

**Applications:**

Stainless steel	●
-----------------	---

**Advantages:** Aggressive abrasive behaviour due to self-sharpening zirconia alumina - Prevents heat tinting on stainless steel - Cool grinding due to additional multibond - Minimal clogging when used on aluminium and aluminium alloys

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

All sizes and minimum purchasing quantities available on request

# Wide belts with cloth backing

Coated abrasives

Abrasive cloth, waterproof

## CS 411 Y



**NEW** !



### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Close
Backing	Y-polyester

### Applications:

Steel	●
Stainless steel	●
Metals	●

**Advantages:** Aggressive abrasive behaviour - Universal product for use on steel and stainless steel

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth, waterproof

## CS 412 Y



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	Y-polyester

### Applications:

Stainless steel	●	Wood	⊙
Metals	●		
Steel	●		
NF metals	●		

**Advantages:** Universal product for rough and intermediate grinding of steel and non-ferrous metals

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

All sizes and minimum purchasing quantities available on request

# Wide belts with cloth backing

Coated abrasives



Abrasive cloth ANTISTATIC

## CS 538 Z ACT



**NEW** !



**Properties**

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	Z-polyester

**Applications:**

Wood based materials	●
Wood	●
Composite materials	●
Mineral based materials	●

**Advantages:** Exceptionally tear-resistant type of polyester - The perfectly balanced ACT recipe allows for a long service life combined with an excellent removal rate

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

All sizes and minimum purchasing quantities available on request

Abrasive cloth

## CS 912 Y ACT



**NEW** !



**Properties**

Bonding agent	Resin
Grain	Ceramic Al. oxide
Coating	Close
Backing	Y-polyester

**Applications:**

Stainless steel	●
Steel	●

**Advantages:** Continuously aggressive abrasive behaviour due to micro-crystalline and self-sharpening ceramic grit - High performance abrasive belt for stainless steel finish grinding

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

All sizes and minimum purchasing quantities available on request



# Strips/Sheets/Discs



## About the product

Klingspor manufactures a very large programme of high quality abrasive products for the strips, sheets and discs product sectors.

## Strips/Sheets

- ▶ for general use with hand sanding and handheld power tools
- ▶ specially designed for particular materials (e.g. wood, metal, etc.)
- ▶ special sizes available on request
- ▶ for wet and dry grinding
- ▶ paper or cloth backed

## Discs

- ▶ for general use with many types of machines
- ▶ special designs with a wide range of hole patterns
- ▶ various sizes on customer's request
- ▶ for wet and dry grinding
- ▶ backings: paper, film and nylon fleece
- ▶ self-fastening products
- ▶ suitable backing plate for angle grinder / orbital sander

Application	Type	Grain	Backing	Coating	Characteristics	Page
Stainless steel	<b>NPA 400</b>	Aluminum oxide	Non-woven web with polyester lining		Grinding fleece, perfectly suited for deburring, cleaning and surface finishing	<b>107</b>
	<b>SV 484</b>	Aluminium oxide	Surface conditioning material		Standard surface conditioning disc, superb value for money for finishing surfaces, slightly contoured surfaces	<b>142</b>
	<b>NDS 810</b>	Aluminum oxide	Surface conditioning material		Premium non-woven web disc with extra strong edges for demanding applications. Suited for rough cleaning work, deburring and working on weld seams	<b>143</b>
Steel / stainless steel	<b>PS 21 FK</b>	Zirconia alumina	F-paper	●	Premium self-fastening disc for finish grinding stainless steel and other metal surfaces using hand-operated machines. Ultra high level of aggressiveness and outstanding service life thanks to self-sharpening zirconia alumina. Exceptional stability and excellent edge strength on the perimeter thanks to strong F-paper backing	<b>119</b>
	<b>PS 61 FK</b>	Ceramic aluminium oxide	F-paper	●	Close coat, strong backing and micro-crystalline, self-sharpening ceramic grain provide an aggressive grinding behaviour on steel and stainless steel	<b>127</b>
	<b>NDS 400 K</b>	Aluminium oxide / SiC	Non-woven web with self-fastening		Non-woven disc for work on ultra-fine surfaces. The velour back lining makes the disc suitable for use on self-fastening backing pads	<b>143</b>
Steel / metals	<b>PS 22 K</b>	Aluminum oxide	E-paper	○	Abrasive paper with semi-open coat and high stock removal rate for an uniform scratch pattern on wood and metal	<b>101, 120, 121</b>
	<b>PS 36 CK / DK</b>	Zirconia Al./ Aluminum oxide	C-paper	○	Abrasive paper with flexible backing and high, aggressive stock removal efficiency particularly with materials which are difficult to process, for example with mineralized materials and tropical wood	<b>135</b>
	<b>CS 310 XS</b>	Aluminum oxide	X-cotton	●	Abrasive cloth for metal and woodworking applications. Cotton backing provides stability for heavy duty use and long service life	<b>140</b>
	<b>CS 411 XK</b>	Zirconia alumina	X-cotton	●	Product for universal use during the processing of metal and stainless steel that offers a robust, tear resistant cloth-reinforced backing. Unrivalled versatility and a high level of aggressiveness and grinding performance during rough grinding applications on steel and stainless steel	<b>136</b>
	<b>CS 411 XS</b>	Aluminum oxide	X-cotton	●	High-performance disc with high stock removal rate for rough grinding and de-burring of steel and stainless steel	<b>141</b>
	<b>HTJ 153 Z</b>	Aluminum oxide	JF-cotton	●	Highly flexible abrasive cloth for hand processing of metal surfaces	<b>106</b>
	<b>KL 361 JF</b>	Aluminum oxide	JF-cotton	●	High quality, highly flexible abrasive cloth for versatile applications in the metal processing industry, also suitable for stainless steel	<b>104</b>
	<b>KL 371 X</b>	Aluminum oxide	X-cotton	●	Economical universal product for surface grinding in metal processing	<b>104</b>
	<b>KL 385 JF</b>	Aluminum oxide	JF-cotton	●	Highly flexible universal product for the metal processing industry, good price-performance ratio	<b>105</b>

● = close ○ = semi-open ○ = open

### Cloth

JF	Cotton, light, highly flexible
GX	Blended cloth, light, flexible
J	Cotton, light
XF	Cotton, heavy, flexible
X	Cotton, heavy
Y	Polyester, heavy, highly firm
Z	Polyester, heavy, highly firm, can be divided into segments

### Paper

A	approx. 95 g/m <sup>2</sup>
B	approx. 105 g/m <sup>2</sup>
C	approx. 110 g/m <sup>2</sup>
D	approx. 130 g/m <sup>2</sup>
E	approx. 250 g/m <sup>2</sup>
F	approx. 300 g/m <sup>2</sup>
G	approx. 400 g/m <sup>2</sup>

### Properties

K	Self-fastening
W	Coated with active agent



# Strips/Sheets/Discs

## Applications guide

Application	Type	Grain	Backing	Coating	Characteristics	Page
Wood	<b>PS 19 E</b>	SiC	E-paper	●	Special high-performance product for hardwood sanding, particularly suitable for parquet processing and floor reconditioning	<b>116</b>
	<b>PS 19 F</b>	SiC	F-paper	●	Special high-performance product for hardwood sanding, particularly suitable for parquet processing and floor reconditioning	<b>116</b>
	<b>PS 22 K</b>	Aluminum oxide	E-paper	○	Abrasive paper with semi-open coating and high stock removal rate for an uniform scratch pattern on wood and metal	<b>101</b>
	<b>PL 31 B</b>	Aluminum oxide	B-paper	○	Flexible finishing paper with an optimal price-performance ratio for a wide range of applications for the processing of wood, paint and varnish. Provides a smooth surface finish	<b>95</b>
	<b>PS 36 CK / DK</b>	Zirconia Al./ Aluminum oxide	C-paper	○	Abrasive paper with flexible backing and high, aggressive stock removal efficiency particularly with materials which are difficult to process, for example with mineralized materials and tropical wood	<b>135</b>
	<b>AS 400</b>	SiC			Abrasive screen for parquet processing and floor reconditioning	<b>118</b>
	<b>SW 501 TR</b>	Aluminium oxide	Sponge	●	Highly flexible abrasive sponge, coated on 2 sides, for hand sanding of profiles and contours, extremely resistant to creasing and tearing, washable and reusable, solvent-free bonding system with a colour scheme that varies with the grit size	<b>110</b>
Paint / Varnish / Filler	<b>PS 10 A</b>	Garnet	A-paper	●	Premium Garnet material used in hand, fine finish type sanding, or sanding undercoats of finishing materials. Offers a "softer" cut that leaves a smoother surface	<b>93</b>
	<b>PS 10 C</b>	Garnet	C-paper	●	Premium Garnet material used in hand, fine finish type sanding, or sanding undercoats of finishing materials. Offers a "softer" cut that leaves a smoother surface	<b>92</b>
	<b>PS 10 D</b>	Garnet	D-paper	●	Premium Garnet material used in hand, fine finish type sanding, or sanding undercoats of finishing materials. Offers a "softer" cut that leaves a smoother surface	<b>92</b>
	<b>PL 31 B</b>	Aluminum oxide	B-paper	○	Flexible finishing paper with an optimal price-performance ratio for a wide range of applications for the processing of wood, paint and varnish. Provides a smooth surface finish	<b>95</b>
	<b>PS 33 B</b>	Aluminum oxide	B-paper	○	High quality abrasive paper, especially suited for paint, varnish and filler	<b>96</b>
	<b>PS 33 BK</b>	Aluminium oxide	B-paper	○	High quality abrasive paper for outstanding results - especially on paint, varnish and filler	<b>100, 125</b>
	<b>PS 33 BS / CS</b>	Aluminium oxide	B-paper	○	Self-adhesive high quality abrasive paper, especially suited for paint, varnish and filler	<b>138</b>
	<b>PS 33 C</b>	Aluminum oxide	C-paper	○	High quality abrasive paper, especially suited for paint, varnish and filler	<b>96</b>
	<b>PS 33 CK</b>	Aluminium oxide	C-paper	○	High quality abrasive paper for outstanding results - especially on paint, varnish and filler	<b>100, 123, 124</b>
	<b>PS 33 CS</b>	Aluminium oxide	C-paper	○	Self-adhesive high quality abrasive paper, especially suited for paint, varnish and filler	
	<b>PS 73 BW</b>	Aluminum oxide	B-paper	○	High quality abrasive paper, especially suited for the processing of paint, varnish and filler, with a special coat for a long service life	<b>97</b>
	<b>PS 73 CW</b>	Aluminum oxide	C-paper	○	High quality abrasive paper, especially suited for the processing of paint, varnish and filler, with a special coat for a long service life	<b>97</b>
	<b>PS 73 BWK</b>	Aluminium oxide	B-paper	○	High quality sanding disc for outstanding results - especially on paint, varnish and filler - with a long service life thanks to added active agent coating	<b>130</b>
	<b>PS 73 CWK</b>	Aluminium oxide	C-paper	○	High quality sanding disc for outstanding results - especially on paint, varnish and filler - with a long service life thanks to added active agent coating	<b>129</b>
	<b>PS 77 CK T-ACT</b>	Aluminium oxide	C-paper	○	High performance abrasive paper with new innovative coat technology that prevents premature clogging during the sanding of strongly adhesive materials. Coarse and intermediate sanding with premium latex C-paper	<b>102, 133</b>
	<b>FP 73 WK</b>	Aluminum oxide	Film	○	Special product with very tear resistant film backing for the processing of paint, varnish and filler with high service life through additional special coat	<b>128</b>
	<b>FP 77 K T-ACT</b>	Aluminium oxide	Film	○	High performance abrasive paper with new innovative coat technology that prevents premature clogging during the sanding of strongly adhesive materials. Fine and finish sanding with an exceptionally level and tear resistant film backing	<b>102, 131</b>
	<b>PS 11 A</b>	SiC	A-paper	●	High quality, highly flexible, waterproof abrasive paper for working on paint, varnish and filler especially in the car repair sector	<b>94</b>
<b>PS 11 C</b>	SiC	C-paper	●	High quality, highly flexible, waterproof abrasive paper for working on paint, varnish and filler especially in the car repair sector	<b>94</b>	
<b>PL 35 B</b>	SiC	B-paper	○	Abrasive paper suitable for sanding contoured or flat surfaces. Primarily used for sanding primer, paint and varnish	<b>99</b>	

● = close ○ = semi-open ○ = open

### Cloth

JF	Cotton, light, highly flexible
GX	Blended cloth, light, flexible
J	Cotton, light
XF	Cotton, heavy, flexible
X	Cotton, heavy
Y	Polyester, heavy, highly firm
Z	Polyester, heavy, highly firm, can be divided into segments

### Paper

A	approx. 95 g/m <sup>2</sup>
B	approx. 105 g/m <sup>2</sup>
C	approx. 110 g/m <sup>2</sup>
D	approx. 130 g/m <sup>2</sup>
E	approx. 250 g/m <sup>2</sup>
F	approx. 300 g/m <sup>2</sup>
G	approx. 400 g/m <sup>2</sup>

### Properties

K	Self-fastening
W	Coated with active agent



# Strips/Sheets/Discs

## Applications guide



Application	Type	Grain	Backing	Coating	Characteristics	Page
Paint / Varnish / Filler	<b>SK 500</b>	Aluminium oxide	Sponge	●	Abrasive block coated on four sides for fine work on contoured and flat surfaces. The abrasive block is robust, can be washed and reused. It is suitable for wet and dry finishing	<b>109</b>
	<b>SK 700 A</b>	Aluminium oxide	Sponge	●	Suitable for flat or upright use on all four sides; the angled edge (approx. 45°) makes it an exceptional choice for narrow, tapering workpiece contours. Excellent contouring and pressure distribution thanks to flexible foam core. Robust, washable and reusable	<b>109</b>
	<b>SW 501</b>	Aluminium oxide	Sponge	●	Highly flexible hand finishing tool. Abrasive sponge coated on two sides with plastic foam core. Resistant to creases and breaks, can be washed and reused. Suitable for dry and wet finishing	<b>110</b>
	<b>SW 501 TR</b>	Aluminium oxide	Sponge	●	Extremely tear resistant version of the abrasive sponge SW 501. Extra long service life, solvent-free bonding system with a colour scheme that varies with the grit size	<b>110</b>
	<b>SW 502</b>	SiC	Sponge	●	Structure like SW 501, though with more aggressive SiC grit	<b>111</b>
	<b>SW 510</b>	Aluminium oxide	Sponge	●	Thin, ultra flexible sanding sponge for particularly hard-to-reach areas such as indentations, profiles and edges. Tight foam structure, allowing for exceptionally uniform pressure distribution and an extra fine finish. No bending, no creases. Can be used wet and dry	<b>111</b>
	<b>NPA 500</b>	SiC	Non-woven web		Non-woven web hand pad, excellently suited to deburring, cleaning and surface finishing	<b>107</b>
	<b>FD 500</b>	Aluminium oxide / SiC	Foam core		Foam-coated disc for finishing. Superior flexibility and adaptability on contours and profiles	<b>145</b>
Paint / Varnish / Filler / Plastic	<b>SW 512</b>	SiC	Sponge	●	Structure like SW 510, but including sharp-edged silicon carbide grit	<b>112</b>
Composites, gel coats, paints and coatings, plaster and plasterboard, wood fillers and varnish	<b>AN 400</b>	Aluminium oxide	Abrasive screen	●	Effective high extraction dust removal thanks to open grid structure	<b>113, 117</b>

● = close   ● = semi-open   ○ = open



**Please contact us for minimum order quantities for non-stock items.**

### Cloth

JF	Cotton, light, highly flexible
GX	Blended cloth, light, flexible
J	Cotton, light
XF	Cotton, heavy, flexible
X	Cotton, heavy
Y	Polyester, heavy, highly firm
Z	Polyester, heavy, highly firm, can be divided into segments

### Paper

A	approx. 95 g/m <sup>2</sup>
B	approx. 105 g/m <sup>2</sup>
C	approx. 110 g/m <sup>2</sup>
D	approx. 130 g/m <sup>2</sup>
E	approx. 250 g/m <sup>2</sup>
F	approx. 300 g/m <sup>2</sup>
G	approx. 400 g/m <sup>2</sup>

### Properties

K	Self-fastening
W	Coated with active agent

# Sheets with paper backing

Coated abrasives

Garnet paper

## PS 10 D



### Properties

Bonding agent	Resin
Grain	Garnet
Coating	Closed
Backing	D-paper

### Applications:

Paint/Varnish/Filler	●
Wood	○

**Advantages:** Premium Garnet material used in hand, fine finish type sanding, or sanding under coats of finishing materials - Offers a "softer" cut that leaves a smoother surface

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
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Width x Length	Grit	Packing unit/pcs.	Article number
9 x 11	40	50	302955
9 x 11	50	50	302956
9 x 11	60	50	302957
9 x 11	80	50	302958

Garnet paper

## PS 10 C



### Properties

Bonding agent	Resin
Grain	Garnet
Coating	Closed
Backing	C-paper

### Applications:

Paint/Varnish/Filler	●
Wood	○

**Advantages:** Premium Garnet material used in hand, fine finish type sanding, or sanding under coats of finishing materials - Offers a "softer" cut that leaves a smoother surface

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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Packing unit/pcs.	Article number
9 x 11	100	50	302960
9 x 11	120	50	302962
9 x 11	150	50	302964

# Sheets with paper backing

Coated abrasives



Garnet paper

## PS 10 A



### Properties

Bonding agent	Resin
Grain	Garnet
Coating	Closed
Backing	A-paper

### Applications:

Paint/Varnish/Filler	●
Wood	○

**Advantages:** Premium Garnet material used in hand, fine finish type sanding, or sanding under coats of finishing materials - Offers a "softer" cut that leaves a smoother surface

### 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
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Width x Length	Grit	Packing unit/pcs.	Article number
9 x 11	80	50	302959
9 x 11	100	50	302961
9 x 11	120	50	302963
9 x 11	150	50	302975
9 x 11	180	50	302976
9 x 11	220	50	302977

# Sheets with paper backing

Coated abrasives

Abrasive paper, waterproof

## PS 11 C



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	C-paper

### Applications:

Paint/Varnish/Filler	●
Plastic	●
Glass/Stone	○
Metals	○

**Advantages:** Special product for auto repair and painting . For hard and tough surfaces - Good adaptation and high stability - Wet and dry sanding

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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Packing unit/pcs.	Article number
9 x 11	60	50	2022
9 x 11	80	50	2023
9 x 11	100	50	2117
9 x 11	120	50	2116
9 x 11	150	50	2011
9 x 11	180	50	2012

Abrasive paper, waterproof

## PS 11 A



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	A-paper

### Applications:

Paint/Varnish/Filler	●
Plastic	●
Glass/Stone	○
Metals	○

**Advantages:** Special product for Auto repair and painting - For hard and tough surfaces - Good adaptation and high stability - Wet and dry sanding

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
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Width x Length	Grit	Packing unit/pcs.	Article number
9 x 11	220	50	2002
9 x 11	240	50	2003
9 x 11	280	50	2004
9 x 11	320	50	2005
9 x 11	360	50	2006



# Sheets with paper backing

Coated abrasives



►► Continuation of PS 11 A, Abrasive paper, waterproof

Width x Length	Grit	Packing unit/pcs.	Article number
9 x 11	400	50	2007
9 x 11	500	50	2008
9 x 11	600	50	2009
9 x 11	800	50	2010
9 x 11	1000	50	11892
9 x 11	1200	50	6616
9 x 11	1500	50	186794
9 x 11	2000	50	186795

Finishing paper

## PL 31 B



**Properties**

Bonding agent	Glue
Grain	Aluminium oxide
Coating	Semi-open
Backing	B-paper

**Applications:**

Drywall	●
Paint/Varnish/Filler	●
Wood	●
Metals	○

**Advantages:** Product with optimal price-performance ratio - Optimized wear properties for hand sanding - Very fine surface scratch pattern

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
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Width x Length	Grit	Packing unit/pcs.	Article number
9 x 11	40	50	2059
9 x 11	50	50	2060
9 x 11	60	50	2061
9 x 11	80	50	2062
9 x 11	100	50	2048
9 x 11	120	50	2049
9 x 11	150	50	2050
9 x 11	180	50	2051
9 x 11	220	50	2052
9 x 11	240	50	2053
9 x 11	280	50	2054
9 x 11	320	50	2055
9 x 11	400	50	2057

# Sheets with paper backing

Coated abrasives

Abrasive paper

## PS 33 C



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	C-paper

### Applications:

Paint/Varnish/Filler	●
Wood	●
Plastic	○

**Advantages:** High-quality abrasive paper for processing paints, varnish and filler

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
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Width x Length	Grit	Packing unit/pcs.	Article number
9 x 11	40	50	147849
9 x 11	60	50	147850
9 x 11	80	50	147851
9 x 11	100	50	149719
9 x 11	120	50	147852

Abrasive paper

## PS 33 B



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	B-paper

### Applications:

Paint/Varnish/Filler	●
Wood	●
Plastic	○

**Advantages:** High-quality abrasive paper for processing paints, varnish and filler

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
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Width x Length	Grit	Packing unit/pcs.	Article number
9 x 11	150	50	149528
9 x 11	180	50	147853
9 x 11	220	50	149529
9 x 11	240	50	147854
9 x 11	280	50	149793



# Sheets with paper backing

Coated abrasives



► Continuation of PS 33 B, Abrasive paper

Width x Length	Grit	Packing unit/pcs.	Article number
9 x 11	320	50	149530
9 x 11	400	50	148971
9 x 11	500	50	170667
9 x 11	600	50	170668

Abrasive paper, actively coated

## PS 73 CW



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	C-paper

### Applications:

Paint/Varnish/Filler	●
Plastic	●



**Advantages:** High-quality product for use on varnish, paint and filler - High removal rate - Substantially reduced clogging and significantly longer service life due to additional special coating

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
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Width x Length	Grit	Packing unit/pcs.	Article number
9 x 11	40	50	311106
9 x 11	60	50	311107
9 x 11	80	50	311108
9 x 11	100	50	311109
9 x 11	120	50	311110

# Sheets with paper backing

Coated abrasives

Abrasive paper, actively coated

## PS 73 BW



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	B-paper

### Applications:

Paint/Varnish/Filler	●
Plastic	●

**Advantages:** High-quality product for use on varnish, paint and filler - High removal rate - Substantially reduced clogging and significantly longer service life due to additional special coating

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
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Width x Length	Grit	Packing unit/pcs.	Article number
9 x 11	150	50	301196
9 x 11	180	50	301197
9 x 11	220	50	301198
9 x 11	240	50	301199
9 x 11	280	50	301200
9 x 11	320	50	301201
9 x 11	400	50	301202
9 x 11	500	50	301203
9 x 11	600	50	301204
9 x 11	800	50	308410
9 x 11	1000	50	308411
9 x 11	1200	50	311188
9 x 11	1500	50	308412

# Sheets with paper backing

Coated abrasives



Abrasive paper, actively coated

## PL 35 B



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Semi-open
Backing	B-paper

### Applications:

Paint/Varnish/Filler	●
Wood	○

**Advantages:** Specially coated abrasive paper suitable for sanding contoured or flat surfaces - Primarily used for sanding primer, paint and varnish

### 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
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Width x Length	Grit	Packing unit/pcs.	Article number
9 x 11	80	50	302978
9 x 11	100	50	302979
9 x 11	120	50	302980
9 x 11	150	50	302981
9 x 11	180	50	302982
9 x 11	220	50	302983
9 x 11	280	50	302984
9 x 11	320	50	302985
9 x 11	400	50	302986

# Strips with paper backing, self-fastening

Coated abrasives

Abrasive paper, self-fastening (Hook & Loop)

## PS 33 CK



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	C-paper

### Applications:

Paint/Varnish/Filler	●
Wood	●
Plastic	○

**Advantages:** High removal rate - For diverse applications

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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Packing unit/pcs.	Article number
2-3/4 x 5	80	100	155072
2-3/4 x 5	100	100	151786
2-3/4 x 5	120	100	151785
3 x 4-1/4	120	100	306646

Abrasive paper, self-fastening (Hook & Loop)

## PS 33 BK



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	B-paper

### Applications:

Paint/Varnish/Filler	●
Wood	●
Plastic	○

**Advantages:** High removal rate - For diverse applications

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
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Width x Length	Grit	Packing unit/pcs.	Article number
2-3/4 x 5	150	100	151784
2-3/4 x 5	180	100	148228
2-3/4 x 5	220	100	155500
2-3/4 x 5	240	100	152381
2-3/4 x 5	280	100	197133
2-3/4 x 5	320	100	156004
2-3/4 x 5	400	100	156005



# Strips with paper backing, self-fastening

Coated abrasives



►► Continuation of PS 33 BK, Abrasive paper, self-fastening (Hook & Loop)

Width x Length	Grit	Packing unit/pcs.	Article number
2-3/4 x 5	600	100	187526
3 x 4-1/4	150	100	306640
3 x 4-1/4	180	100	306641
3 x 4-1/4	220	100	306642
3 x 4-1/4	240	100	306643
3 x 4-1/4	320	100	306644
3 x 4-1/4	400	100	306645

Abrasive paper, self-fastening (Hook & Loop)

## PS 22 K



**NEW** !



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	E-paper

### Applications:

Wood	●	Steel	○
Metals	●		
Paint/Varnish/Filler	○		
Plastic	○		

**Advantages:** High removal rate - Uniform scratch pattern

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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Hole pattern	Packing unit/pcs.	Article number
3 x 5-1/4	40	GL 18	100	149852
3 x 5-1/4	60	GL 18	100	149853
3 x 5-1/4	80	GL 18	100	149854
3 x 5-1/4	100	GL 18	100	149855
3 x 5-1/4	120	GL 18	100	149857
3 x 5-1/4	150	GL 18	100	232741
3 x 5-1/4	180	GL 18	100	232742
3 x 5-1/4	220	GL 18	100	206371

# Strips with film / paper backing, self-fastening

Coated abrasives

Abrasive film, self fastening

## FP 77 K T-ACT



**NEW** !



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	Film

### Applications:

Paint/Varnish/Filler	●	Composite materials	●
Primer	●	Plastic	◐
Filler	●		
Gel coats	●		

**Advantages:** New high-performance product with optimized clogging behavior - Increased service life due to the new coating, which prevents the adhesion of paint and dust particles - For fine sanding in the fine grit range 240 - 2000, a highly flexible and absolutely flat film backing is used for highest surface quality

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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Hole pattern	Packing unit/pcs.	Article number
3 x 5-1/4	240	GL 18	100	353120
3 x 5-1/4	320	GL 18	100	353119
3 x 5-1/4	400	GL 18	100	353118

Abrasive paper, self-fastening (Hook & Loop)

## PS 77 CK T-ACT



**NEW** !



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	C-paper

### Applications:

Paint/Varnish/Filler	●	Composite materials	●
Primer	●	Plastic	◐
Filler	●		
Gel coats	●		

**Advantages:** New high-performance product with optimized clogging behavior - Increased service life due to the new coating, which prevents the adhesion of paint and dust particles - For aggressive grinding at high loads, a flexible and tear-resistant C-latex paper is used in the grit range 60-220

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
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Width x Length	Grit	Hole pattern	Packing unit/pcs.	Article number
3 x 5-1/4	60	GL 18	100	353113
3 x 5-1/4	80	GL 18	100	353126
3 x 5-1/4	100	GL 18	100	353125
3 x 5-1/4	120	GL 18	100	353124
3 x 5-1/4	150	GL 18	100	353123
3 x 5-1/4	180	GL 18	100	353122
3 x 5-1/4	220	GL 18	100	353121

# Hand block



Hand block

## HK 100



**NEW** !



**Advantages:** Excellent for flat and slightly convex surfaces - Fatigue-proof hand grinding due to ergonomic form - For 2-3/4 x 5 (70 x 125 mm) strips - Self-fastening

Width x Length x Height	Packing unit/pcs.	Article number
2-11/16 x 4-5/8 x 1-1/2	1	185320

# Sheets with cloth backing

Coated abrasives

Abrasive cloth, blue

## KL 371 X (Emery)



### Properties

Bonding agent	Glue
Grain	Aluminium oxide
Coating	Close
Backing	X-cotton

### Applications:

Metals	●
NF metals	●

**Advantages:** Economical universal product for surface grinding in metal processing

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
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Width x Length	Grit	Packing unit/pcs.	Article number
9 x 11	50	50	2101
9 x 11	80	50	2103
9 x 11	120	50	2105

Abrasive cloth, brown

## KL 361 JF



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	JF-cotton

### Applications:

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

**Advantages:** High-quality universal product - Optimal adaptation to the workpiece due to highly flexible cotton backing - Tears off cleanly and easily

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
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Width x Length	Grit	Packing unit/pcs.	Article number
9 x 11	40	50	2084
9 x 11	50	50	2085
9 x 11	60	50	2086
9 x 11	80	50	2087
9 x 11	100	50	2088
9 x 11	120	50	2089
9 x 11	150	50	2090
9 x 11	180	50	2091



# Sheets with cloth backing

Coated abrasives



► Continuation of KL 361 JF, Abrasive cloth, brown

Width x Length	Grit	Packing unit/pcs.	Article number
9 x 11	220	50	2092
9 x 11	240	50	2093
9 x 11	280	50	2094
9 x 11	320	50	2095
9 x 11	400	50	2097
9 x 11	600	50	5334

Abrasive cloth, brown

## KL 385 JF



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	JF-cotton

### Applications:

Wood	●	Plastic	○
Metals	●		
NF metals	●		
Stainless steel	○		

**Advantages:** Cost-effective universal product for profile grinding - Optimal adaptation to the workpiece due to maximum flexible cotton backing - Tears off cleanly and easily

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
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Width x Length	Grit	Packing unit/pcs.	Article number
9 x 11	40	50	218047
9 x 11	50	50	218048
9 x 11	60	50	218050
9 x 11	80	50	218051
9 x 11	100	50	218052
9 x 11	120	50	218053
9 x 11	150	50	218054
9 x 11	180	50	218055
9 x 11	220	50	218056
9 x 11	240	50	218057
9 x 11	280	50	218058
9 x 11	320	50	218059
9 x 11	400	50	218061
9 x 11	600	50	218063

# Sheets with cloth backing

Coated abrasives

Abrasive cloth

## HTJ 153 Z (Crocus)



### Properties

Bonding agent	Glue
Grain	Aluminium oxide
Coating	Close
Backing	J-cotton

### Applications:

Metals	<input checked="" type="checkbox"/>
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**Advantages:** Highly flexible abrasive cloth for hand processing of metal surfaces

### 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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Packing unit/pcs.	Article number
9 x 11	2000	50	292391

# Non-woven web hand pads



Non-woven web hand pad

## NPA 400



**NEW** !



### Properties

Bonding agent	Resin
Grain	Aluminium oxide

### Applications:

Stainless steel	●	Plastic	○
Metals	●		
Wood	●		
Paint/Varnish	○		

**Advantages:** Outstanding for surface finishing, e.g. adaptation to an existing surface scratch pattern - Can be used wet and dry

Width x Length	Colour	Grade	Packing unit/pcs.	Article number
6 x 9	brown	coarse	20	342852
6 x 9	maroon	medium	20	342855
6 x 9	maroon	fine	20	342856
6 x 9	maroon	very fine	20	342849
6 x 9	green	very fine heavy duty	20	342853
6 x 9	dark green	very fine general purpose	20	342854

Information regarding grit range see chart on page 108.

Non-woven web hand pad

## NPA 500



**NEW** !



### Properties

Bonding agent	Resin
Grain	SiC

### Applications:

Paint/Varnish	●	Wood	○
Plastic	●		
Stainless steel	●		
Metals	○		

**Advantages:** Outstanding for surface finishing, e.g. adaptation to an existing surface scratch pattern - Can be used wet and dry

Width x Length	Colour	Grade	Packing unit/pcs.	Article number
6 x 9	black	medium	20	342857
6 x 9	grey	ultra fine	20	342851
6 x 9	non abrasive white	without grain	20	342850

Information regarding grit range see chart on page 108.

# Non-woven web hand pads

Grit		80 - 100	120 - 150	180 - 220	240 - 320	800 - 1000	Without grain	
Grade		coarse	medium	fine	very fine	ultra fine	non-abrasive	
Klingspor Non-woven web hand pads	Aggressiveness decreasing ↓	coarse A – brown						
			medium SiC – black					
			medium A – maroon					
				fine A – maroon				
					very fine HD – green			
						very fine GP – dark green		
							very fine A – maroon	
								ultra fine SiC – grey
								non-abrasive – white

# Abrasive block



Abrasive block, flexible, coated on 4 sides

## SK 500



### Properties

Grain	Aluminium oxide
Coating	Close

### Applications:

Paint/Varnish/Filler	●
Wood	●
Plastic	○
Metals	○

**Advantages:** Can be used flat and upright (four usable sides) - For flat and profiled surfaces due to flexible foam core - Robust, washable and reusable

### 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
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Width x Length x Height	Grit	Density	Grit color	Foam color	Packing unit/pcs.	Article number
2-3/4 x 4 x 1	60	hard	brown	gray	100	125279
2-3/4 x 4 x 1	80	hard	brown	gray	100	225165
2-3/4 x 4 x 1	80 (60+100)	hard	brown	gray	100	327495
2-3/4 x 4 x 1	100	hard	brown	gray	100	125280
2-3/4 x 4 x 1	120	hard	brown	gray	100	225166
2-3/4 x 4 x 1	180	hard	brown	gray	100	225167
2-3/4 x 4 x 1	220	hard	brown	gray	100	225168
2-3/4 x 4 x 1	280	hard	brown	gray	100	225169

Abrasive block, flexible, coated on 4 sides

## SK 700 A



**NEW** !



### Properties

Grain	Aluminium oxide
Coating	Close

### Applications:

Paint/Varnish/Filler	●
Wood	●
Plastic	○
Metals	○

**Advantages:** Suitable for flat or upright use on all four sides - The angled edge (approx. 45°) makes it an exceptional choice for narrow, tapering workpiece contours - Excellent contouring and pressure distribution thanks to flexible foam core - Robust, washable and reusable

### 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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length x Height	Grit	Density	Grit color	Foam color	Packing unit/pcs.	Article number
3-1/2 x 5 x 1	60	hard	brown	gray	100	337846
3-1/2 x 5 x 1	80	hard	brown	gray	100	337847
3-1/2 x 5 x 1	100	hard	brown	gray	100	337848
3-1/2 x 5 x 1	120	hard	brown	gray	100	331019

# Abrasive sponge

Abrasive sponge, flexible, coated on 2 sides

## SW 501



**NEW** !



### Properties

Grain	Aluminium oxide
Coating	Close

### Applications:

Paint/Varnish/Filler	●
Wood	●
Plastic	○
Metals	○

**Advantages:** Satin surface scratch pattern - For low and high profiled surfaces (two usable sides) - Crease and break resistant - Washable and reusable

### 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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length x Height	Grit	Density	Grit color	Foam color	Packing unit/pcs.	Article number
4 x 5 x 1/2	120	soft	brown	yellow	100	125281
4 x 5 x 1/2	220	soft	brown	yellow	100	125282

Abrasive sponge, flexible, coated on 2 sides

## SW 501 TR



**NEW** !



### Properties

Grain	Aluminium oxide
Coating	Close

### Applications:

Paint/Varnish/Filler	●
Wood	●
Plastic	○
Metals	○

**Advantages:** Satin surface scratch pattern - For low and high profiled surfaces (two usable sides) - Crease and break resistant - Washable and reusable - Extremely tear-resistant - Solvent free bonding with grit size dependent colouring

### 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
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Width x Length x Height	Grit	Density	Grit color	Foam color	Packing unit/pcs.	Article number
4 x 5 x 1/2	100	soft	light brown	yellow	100	351573
4 x 5 x 1/2	120	soft	green	yellow	100	353264
4 x 5 x 1/2	150	soft	red	yellow	100	353263
4 x 5 x 1/2	180	soft	blue	yellow	100	351574
4 x 5 x 1/2	220	soft	brown	yellow	100	353262

# Abrasive sponge



Abrasive sponge, flexible, coated on 2 sides

## SW 502



### Properties

Grain	SiC
Coating	Close

### Applications:

Paint/Varnish/Filler	●
Plastic	●
Wood	○
Metal	○

**Advantages:** For low and high profiled surfaces (two usable sides) - Crease- and break-resistant - Washable and reusable

### 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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length x Height	Grit	Density	Grit color	Foam color	Packing unit/pcs.	Article number
4 x 5 x 1/2	120	soft	black	yellow	100	244377
4 x 5 x 1/2	220	soft	black	yellow	100	244379

Abrasive sponge, HI-FLEX, coated on 1 side

## SW 510



### Properties

Grain	Aluminium oxide
Coating	Close

### Applications:

Paint/Varnish/Filler	●
Wood	●
Plastic	○
Metals	○

**Advantages:** Thin, ultra flexible sanding sponge for particularly hard-to-reach areas such as indentations, profiles and edges - Tight foam structure, allowing for exceptionally uniform pressure distribution and an extra fine finish - No bending, no creases - Can be used wet and dry

### 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
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Width x Length x Height	Grit	Density	Grit color	Foam color	Packing unit/pcs.	Article number
4-1/2 x 5-1/2 x 3/16	100	hard	white	gray	100	303588
4-1/2 x 5-1/2 x 3/16	180	hard	white	gray	100	303589
4-1/2 x 5-1/2 x 3/16	220	hard	white	gray	100	303590
4-1/2 x 5-1/2 x 3/16	280	hard	white	gray	100	303591
4-1/2 x 5-1/2 x 3/16	320	hard	white	gray	100	337849

# Abrasive sponge

Abrasive sponge, flexible, coated on 1 side

## SW 512



**NEW** !



### Properties

Grain	SiC
Coating	Close

### Applications:

Paint/Varnish/Filler	●
Plastic	●
Wood	○
Metal	○

**Advantages:** Thin, ultra flexible sanding sponge for particularly hard-to-reach areas such as indentations, profiles and edges - Tight foam structure, allowing for exceptionally uniform pressure distribution and an extra fine finish - No bending, no creases - Can be used wet and dry - Sharp-edged silicon carbide for increased aggressiveness and processing of hard-to-machine materials

### 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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length x Height	Grit	Density	Grit color	Foam color	Packing unit/pcs.	Article number
4-1/2 x 5-1/2 x 3/16	120	hard	black	gray	100	337850
4-1/2 x 5-1/2 x 3/16	180	hard	black	gray	100	337851
4-1/2 x 5-1/2 x 3/16	220	hard	black	gray	100	337852
4-1/2 x 5-1/2 x 3/16	320	hard	black	gray	100	337853

Abrasive screen, self-fastening, waterproof

## AN 400



**NEW** !



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Backing	Polyester grid

### Applications:

Paint/Varnish/Filler	●	Composite materials	●
Gel coats	●	Wood	●
Plaster	●	Wood based materials	●
Plasterboard walls	●		

**Advantages:** Effective and full-surface dust extraction thanks to open grid structure - Dust-free grinding extends the service life of the abrasive - At the same time, improved health and safety thanks to reduced dust formation at the work station - Independent of existing extraction hole patterns - Waterproof

### 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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Packing unit/pcs.	Article number
2-3/4 x 16-1/2	80	50	340151
2-3/4 x 16-1/2	100	50	340145
2-3/4 x 16-1/2	120	50	340165
2-3/4 x 16-1/2	150	50	340150
2-3/4 x 16-1/2	180	50	340149
2-3/4 x 16-1/2	240	50	340156
2-3/4 x 16-1/2	320	50	340155
2-3/4 x 16-1/2	400	50	340154
3 x 5-1/4	80	50	337892
3 x 5-1/4	100	50	337891
3 x 5-1/4	120	50	337890
3 x 5-1/4	150	50	337894
3 x 5-1/4	180	50	337889
3 x 5-1/4	240	50	337893
3 x 5-1/4	320	50	337895
3 x 5-1/4	400	50	337896



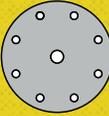
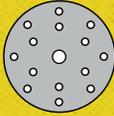
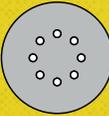
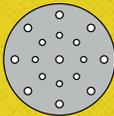
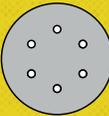
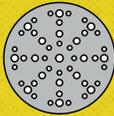


### Hole patterns for discs

Klingspor offers a wide range of products with hole patterns for dust extraction.

You will find the available hole patterns marked in the table below.

The chart on the following product pages shows the most popular types of machines and the required hole pattern.

 <p><b>GLS 5 (5x8)</b>            Ø 5" (125 mm)            8 holes Ø 10 mm            on hole circle Ø 65 mm</p>	 <p><b>GLS 1 (6x9)</b>            Ø 6" (150 mm)            8 holes Ø 10 mm            on hole circle Ø 120 mm            + 1 centre hole Ø 17 mm</p>	 <p><b>GLS 47 (6x15)</b>            Ø 6" (150 mm)            8 holes Ø 9 mm            on hole circle Ø 120 mm,            6 holes Ø 9 mm            on hole circle Ø 80 mm            + 1 centre hole Ø 17 mm</p>
 <p><b>GLS 27 (5x9)</b>            Ø 5" (125 mm)            8 holes Ø 10 mm            on hole circle 90 mm            + 1 centre hole Ø 10 mm</p>	 <p><b>GLS 2 (6x8)</b>            Ø 6" (150 mm)            8 holes Ø 10 mm            on hole circle Ø 65 mm</p>	 <p><b>GLS 51 (6x17)</b>            Ø 6" (150 mm)            8 holes Ø 10 mm            on hole circle Ø 120 mm,            8 holes Ø 8 mm            on hole circle Ø 65 mm            + 1 centre hole Ø 10 mm</p>
 <p><b>GLS 19 (5x5)</b>            Ø 5" (125 mm)            5 holes Ø 10 mm            on hole circle 72 mm</p>	 <p><b>GLS 3 (6x6)</b>            Ø 6" (150 mm)            6 holes Ø 10 mm            on hole circle Ø 80 mm</p>	 <p><b>GLS 74 (6x49)</b>            Ø 6" (150 mm)            8 holes Ø 9,5 mm            on hole circle Ø 119 mm,            16 holes Ø 6 mm            on hole circle Ø 119 mm            8 holes Ø 7 mm            on hole circle Ø 95 mm            8 holes Ø 8,5 mm            on hole circle Ø 65 mm            8 holes Ø 6 mm            on hole circle Ø 39 mm            + 1 centre hole Ø 10 mm</p>
 <p><b>Shape 0</b>            no hole            different dimensions</p>	 <p><b>GLS 15</b>            Triangular Ø 3-3/4" (96 mm)            6 holes Ø 8 mm            on hole circle Ø 52 mm</p>	
 <p><b>Shape 10</b>            round hole            different dimensions</p>	 <p><b>GLS 24</b>            3-7/8 x 5-13/16"            (98 x 148 mm)            7 holes Ø 10 mm</p>	
 <p><b>Shape 30</b>            star-shaped hole            different dimensions</p>		 <p><b>GLS 44</b>            Ø 7 x 7/8" (180 mm)            cross-shaped hole</p>
		 <p><b>GLS 43</b>            Ø 15 x 2" (381 mm)            star-shaped hole</p>
		 <p><b>GLS 48</b>            Ø 16 x 2" (407 mm)            star-shaped hole</p>

**Other hole patterns available on request.**



**Please contact us for minimum order quantities for non-stock items.**

# Discs with paper backing

Coated abrasives

Floor sanding discs, Abrasive paper

## PS 19 E / PS 19 F



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	E-paper / F - paper + cloth

### Applications:

Wood	●
------	---

**Advantages:** Special high-performance product for parquet processing and floor reconditioning - Used on standard edger disc machines

### 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
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Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
7	16	⊙ GLS 44 - 7/8" hole	50	301794
7	24	⊙ GLS 44 - 7/8" hole	50	301815
7	36	⊙ GLS 44 - 7/8" hole	50	301816
7	40	⊙ GLS 44 - 7/8" hole	50	301817
7	50	⊙ GLS 44 - 7/8" hole	50	301818
7	60	⊙ GLS 44 - 7/8" hole	50	301819
7	80	⊙ GLS 44 - 7/8" hole	50	301820
7	100	⊙ GLS 44 - 7/8" hole	50	301821
7	120	⊙ GLS 44 - 7/8" hole	50	301822
15	16	⊙ GLS 43 - 2" hole	50	301786
15	24	⊙ GLS 43 - 2" hole	50	301789
15	36	⊙ GLS 43 - 2" hole	50	301787
15	80	⊙ GLS 43 - 2" hole	50	301788
16	16	⊙ GLS 48 - 2" hole	50	301823
16	24	⊙ GLS 48 - 2" hole	50	301824
16	36	⊙ GLS 48 - 2" hole	50	301825
16	60	⊙ GLS 48 - 2" hole	50	301828
16	80	⊙ GLS 48 - 2" hole	50	301829

# Discs with paper backing / Abrasive screen

Coated abrasives



Abrasive screen, self-fastening, waterproof

## AN 400



**NEW** !



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Backing	Polyester grid

### Applications:

Paint/Varnish/Filler	●	Composite materials	●
Gel coats	●	Wood	●
Plaster	●	Wood based materials	●
Plasterboard walls	●		

**Advantages:** Effective and full-surface dust extraction thanks to open grid structure - Dust-free grinding extends the service life of the abrasive - At the same time, improved health and safety thanks to reduced dust formation at the work station - Independent of existing extraction hole patterns - Waterproof

### 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
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Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
5	80	○ 0 - no hole	50	337898
5	100	○ 0 - no hole	50	337899
5	120	○ 0 - no hole	50	337900
5	150	○ 0 - no hole	50	337901
5	180	○ 0 - no hole	50	337905
5	240	○ 0 - no hole	50	337904
5	320	○ 0 - no hole	50	337903
5	400	○ 0 - no hole	50	337902
6	80	○ 0 - no hole	50	337886
6	100	○ 0 - no hole	50	337887
6	120	○ 0 - no hole	50	337885
6	150	○ 0 - no hole	50	337884
6	180	○ 0 - no hole	50	337883
6	240	○ 0 - no hole	50	337888
6	320	○ 0 - no hole	50	337876
6	400	○ 0 - no hole	50	337877

# Abrasive screen

Abrasive screen

## AS 400



### Properties

Bonding agent Resin

Grain SiC

### Applications:

Wood ●



**Advantages:** Special high-performance product for parquet processing and floor reconditioning

### 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	Grit	Hole pattern	Packing unit/pcs.	Article number
15	60	○ 0 - no hole	10	303682
15	80	○ 0 - no hole	10	303683
15	100	○ 0 - no hole	10	303677
15	120	○ 0 - no hole	10	303678
16	80	○ 0 - no hole	10	303689
16	100	○ 0 - no hole	10	303684
16	120	○ 0 - no hole	10	303685
17	80	○ 0 - no hole	10	303696

# Discs with paper backing, self-fastening

Coated abrasives

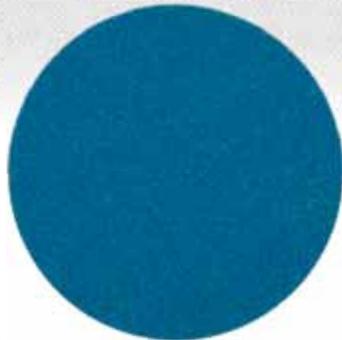


Abrasive paper, self-fastening (Hook & Loop)

## PS 21 FK



**NEW** !



### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Close
Backing	F-paper

### Applications:

Steel	●
Stainless steel	●
Metals	●

**Advantages:** Aggressive abrasive behavior due to self-sharpening zirconia alumina - Optimal recipe for rough grinding and finish grinding of stainless steel - Long service life

### 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
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Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
4-1/2	40	○ 0 - no hole	50	237224
4-1/2	60	○ 0 - no hole	50	248808
4-1/2	80	○ 0 - no hole	50	249326
4-1/2	120	○ 0 - no hole	50	249327
4-1/2	150	○ 0 - no hole	50	248809
4-1/2	240	○ 0 - no hole	50	255347
5	40	○ 0 - no hole	50	246857
5	60	○ 0 - no hole	50	237780
5	80	○ 0 - no hole	50	237781
5	100	○ 0 - no hole	50	236751
5	120	○ 0 - no hole	50	237782
5	150	○ 0 - no hole	50	255348
5	180	○ 0 - no hole	50	237783
5	240	○ 0 - no hole	50	237785
5	320	○ 0 - no hole	50	237786
5	400	○ 0 - no hole	50	237787
6	40	○ 0 - no hole	50	230312
6	60	○ 0 - no hole	50	230313
6	80	○ 0 - no hole	50	230314
6	100	○ 0 - no hole	50	246489
6	120	○ 0 - no hole	50	246488
6	150	○ 0 - no hole	50	239244

# Discs with paper backing, self-fastening (Hook & Loop)

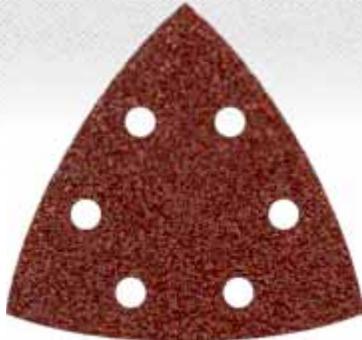
Coated abrasives

Abrasive paper, self-fastening (Hook & Loop)

## PS 22 K



**NEW** !



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	E-paper

### Applications:

Wood	●	Plastic	●
Metals	●		
Stainless steel	○		
Paint/Varnish/Filler	○		

**Advantages:** Universal abrasive disc for metalworking and woodworking - Uniform surface scratch pattern - Available in many grit sizes and dimensions

### 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	Grit	Hole pattern	Packing unit/pcs.	Article number
3-3/4	40	△ GLS 15	50	142134
3-3/4	60	△ GLS 15	50	142135
3-3/4	80	△ GLS 15	50	142136
3-3/4	100	△ GLS 15	50	145055
3-3/4	120	△ GLS 15	50	142137
3-3/4	150	△ GLS 15	50	146336
3-3/4	180	△ GLS 15	50	142138
3-3/4	240	△ GLS 15	50	142139

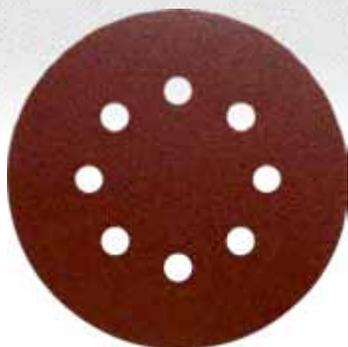
# Discs with paper backing, self-fastening (Hook & Loop)

Coated abrasives



Abrasive paper, self-fastening (Hook & Loop)

## PS 22 K



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	E-paper

### Applications:

Wood	●	Plastic	○
Metals	●		
Stainless steel	○		
Paint/Varnish/Filler	○		

**Advantages:** Universal abrasive disc for metalworking and woodworking - Uniform surface scratch pattern - Available in many grit sizes and dimensions

### 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
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Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
4-1/2	24	○ 0 - no hole	50	6754
4-1/2	40	○ 0 - no hole	50	2785
4-1/2	60	○ 0 - no hole	50	2786
4-1/2	80	○ 0 - no hole	50	6756
4-1/2	100	○ 0 - no hole	50	2787
4-1/2	120	○ 0 - no hole	50	6757
4-1/2	150	○ 0 - no hole	50	80046
4-1/2	220	○ 0 - no hole	50	88330
4-1/2	240	○ 0 - no hole	50	88333
5	24	○ 0 - no hole	50	7300
5	40	○ 0 - no hole	50	2294
5	60	○ 0 - no hole	50	2295
5	80	○ 0 - no hole	50	6774
5	100	○ 0 - no hole	50	2296
5	120	○ 0 - no hole	50	6775
5	150	○ 0 - no hole	50	78163
5	180	○ 0 - no hole	50	62107
5	220	○ 0 - no hole	50	97176
5	240	○ 0 - no hole	50	91922
5	320	○ 0 - no hole	50	93284
5	40	⊗ GLS 5 - 8 hole	50	89486
5	60	⊗ GLS 5 - 8 hole	50	89488
5	80	⊗ GLS 5 - 8 hole	50	89489
5	100	⊗ GLS 5 - 8 hole	50	89491
5	120	⊗ GLS 5 - 8 hole	50	89493
5	150	⊗ GLS 5 - 8 hole	50	89494
5	180	⊗ GLS 5 - 8 hole	50	89495
5	220	⊗ GLS 5 - 8 hole	50	90758
5	240	⊗ GLS 5 - 8 hole	50	92753
5	320	⊗ GLS 5 - 8 hole	50	89496



# Discs with paper backing, self-fastening (Hook & Loop)

Coated abrasives

## ►► Continuation of PS 22 K, Abrasive paper, self-fastening (Hook & Loop)

Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
5	400	⊙ GLS 5 - 8 hole	50	104778
5	40	⊙ GLS 27 - 8 + 1 hole	50	260795
5	60	⊙ GLS 27 - 8 + 1 hole	50	260796
5	80	⊙ GLS 27 - 8 + 1 hole	50	260797
5	100	⊙ GLS 27 - 8 + 1 hole	50	260798
5	120	⊙ GLS 27 - 8 + 1 hole	50	260799
5	150	⊙ GLS 27 - 8 + 1 hole	50	260800
5	180	⊙ GLS 27 - 8 + 1 hole	50	260801
5	240	⊙ GLS 27 - 8 + 1 hole	50	260802
6	40	○ 0 - no hole	50	20207
6	60	○ 0 - no hole	50	6649
6	80	○ 0 - no hole	50	6936
6	100	○ 0 - no hole	50	6697
6	120	○ 0 - no hole	50	6937
6	150	○ 0 - no hole	50	71140
6	180	○ 0 - no hole	50	4022
6	220	○ 0 - no hole	50	93324
6	240	○ 0 - no hole	50	91605
6	320	○ 0 - no hole	50	91721
6	400	○ 0 - no hole	50	129092
6	24	⊙ GLS 1 - 8 + 1 hole	50	6516
6	40	⊙ GLS 1 - 8 + 1 hole	50	6520
6	60	⊙ GLS 1 - 8 + 1 hole	50	6523
6	80	⊙ GLS 1 - 8 + 1 hole	50	6524
6	100	⊙ GLS 1 - 8 + 1 hole	50	6525
6	120	⊙ GLS 1 - 8 + 1 hole	50	6526
6	150	⊙ GLS 1 - 8 + 1 hole	50	80722
6	180	⊙ GLS 1 - 8 + 1 hole	50	6611
6	220	⊙ GLS 1 - 8 + 1 hole	50	98990
6	240	⊙ GLS 1 - 8 + 1 hole	50	89451
6	320	⊙ GLS 1 - 8 + 1 hole	50	89450
6	400	⊙ GLS 1 - 8 + 1 hole	50	129389
6	40	⊙ GLS 2 - 8 hole	50	74088
6	60	⊙ GLS 2 - 8 hole	50	72633
6	80	⊙ GLS 2 - 8 hole	50	72632
6	100	⊙ GLS 2 - 8 hole	50	73490
6	120	⊙ GLS 2 - 8 hole	50	72628
6	150	⊙ GLS 2 - 8 hole	50	79862
6	180	⊙ GLS 2 - 8 hole	50	72624
6	240	⊙ GLS 2 - 8 hole	50	91814
6	40	⊙ GLS 3 - 6 hole	50	89181
6	60	⊙ GLS 3 - 6 hole	50	86634
6	80	⊙ GLS 3 - 6 hole	50	86635
6	100	⊙ GLS 3 - 6 hole	50	97072
6	120	⊙ GLS 3 - 6 hole	50	86636
6	150	⊙ GLS 3 - 6 hole	50	86637
6	180	⊙ GLS 3 - 6 hole	50	87528



# Discs with paper backing, self-fastening (Hook & Loop)

Coated abrasives



## ► Continuation of PS 22 K, Abrasive paper, self-fastening (Hook & Loop)

Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
6	220	☉ GLS 3 - 6 hole	50	100157
6	240	☉ GLS 3 - 6 hole	50	97778
6	320	☉ GLS 3 - 6 hole	50	97779
6	400	☉ GLS 3 - 6 hole	50	128356
6	40	☼ GLS 74 - 48 + 1 hole	50	342419
6	60	☼ GLS 74 - 48 + 1 hole	50	342418
6	80	☼ GLS 74 - 48 + 1 hole	50	340766
6	100	☼ GLS 74 - 48 + 1 hole	50	342423
6	120	☼ GLS 74 - 48 + 1 hole	50	342159
6	150	☼ GLS 74 - 48 + 1 hole	50	342422
6	180	☼ GLS 74 - 48 + 1 hole	50	342421
6	240	☼ GLS 74 - 48 + 1 hole	50	340761

Abrasive paper, self-fastening (Hook & Loop)

## PS 33 CK

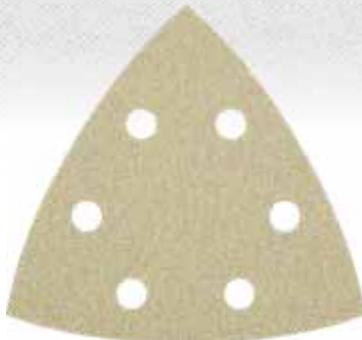


### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	C-paper

### Applications:

Paint/Varnish/Filler	●
Wood	●
Plastic	○



**Advantages:** High removal rate - For diverse applications

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
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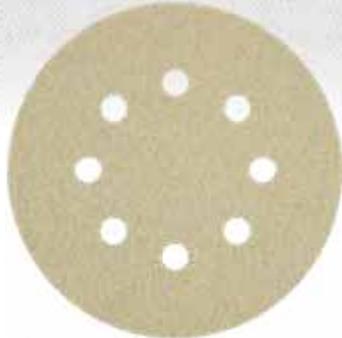
Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
3-3/4	40	☼ GLS 15	100	147163
3-3/4	60	☼ GLS 15	100	147164
3-3/4	80	☼ GLS 15	100	147165
3-3/4	100	☼ GLS 15	100	147166
3-3/4	120	☼ GLS 15	100	148195

# Discs with paper backing, self-fastening (Hook & Loop)

Coated abrasives

Abrasive paper, self-fastening (Hook & Loop)

## PS 33 CK



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	C-paper

### Applications:

Paint/Varnish/Filler	●
Wood	●
Plastic	⦿

**Advantages:** High removal rate - For diverse applications

### 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
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Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
2	60	○ 0 - no hole	100	235229
2	80	○ 0 - no hole	100	251050
2	100	○ 0 - no hole	100	300409
2	120	○ 0 - no hole	100	231931
3	40	○ 0 - no hole	100	303256
3	60	○ 0 - no hole	100	247442
3	80	○ 0 - no hole	100	241426
3	100	○ 0 - no hole	100	246087
3	120	○ 0 - no hole	100	243110
5	40	○ 0 - no hole	100	154113
5	60	○ 0 - no hole	100	147604
5	80	○ 0 - no hole	100	149055
5	100	○ 0 - no hole	100	150431
5	120	○ 0 - no hole	100	150433
5	40	⊙ GLS 19 - 5 hole	100	255154
5	60	⊙ GLS 19 - 5 hole	100	256636
5	80	⊙ GLS 19 - 5 hole	100	240593
5	100	⊙ GLS 19 - 5 hole	100	240594
5	120	⊙ GLS 19 - 5 hole	100	240597
5	40	⊙ GLS 5 - 8 hole	100	146954
5	60	⊙ GLS 5 - 8 hole	100	147642
5	80	⊙ GLS 5 - 8 hole	100	147643
5	100	⊙ GLS 5 - 8 hole	100	147977
5	120	⊙ GLS 5 - 8 hole	100	147170
6	40	○ 0 - no hole	100	147922
6	60	○ 0 - no hole	100	147107
6	80	○ 0 - no hole	100	146739
6	100	○ 0 - no hole	100	147106
6	120	○ 0 - no hole	100	146740
6	60	⊙ GLS 2 - 8 hole	100	147226



# Discs with paper backing, self-fastening (Hook & Loop)

Coated abrasives

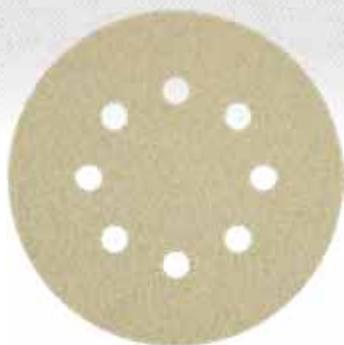


## ►► Continuation of PS 33 CK, Abrasive paper, self-fastening (Hook & Loop)

Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
6	80	☉ GLS 2 - 8 hole	100	143132
6	100	☉ GLS 2 - 8 hole	100	143133
6	120	☉ GLS 2 - 8 hole	100	147225
6	40	☉ GLS 3 - 6 hole	100	147647
6	60	☉ GLS 3 - 6 hole	100	147124
6	80	☉ GLS 3 - 6 hole	100	146946
6	100	☉ GLS 3 - 6 hole	100	143694
6	120	☉ GLS 3 - 6 hole	100	146947
6	40	☉ GLS 51 - 16 + 1 hole	100	310531
6	60	☉ GLS 51 - 16 + 1 hole	100	301874
6	80	☉ GLS 51 - 16 + 1 hole	100	301925
6	100	☉ GLS 51 - 16 + 1 hole	100	301926
6	120	☉ GLS 51 - 16 + 1 hole	100	301927
6	40	☉ GLS 74 - 48 + 1 hole	100	340853
6	60	☉ GLS 74 - 48 + 1 hole	100	340370
6	80	☉ GLS 74 - 48 + 1 hole	100	340371
6	100	☉ GLS 74 - 48 + 1 hole	100	342046
6	120	☉ GLS 74 - 48 + 1 hole	100	340375

Abrasive paper, self-fastening (Hook & Loop)

## PS 33 BK



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	B-paper

### Applications:

Paint/Varnish/Filler	●
Wood	●
Plastic	○

**Advantages:** High removal rate - For diverse applications

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
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Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
2	150	○ 0 - no hole	100	300234
2	180	○ 0 - no hole	100	284041
2	220	○ 0 - no hole	100	235230
2	240	○ 0 - no hole	100	284042
2	320	○ 0 - no hole	100	231932
3	150	○ 0 - no hole	100	243111
3	180	○ 0 - no hole	100	212780
3	220	○ 0 - no hole	100	300315
3	240	○ 0 - no hole	100	243112
3	280	○ 0 - no hole	100	303257



# Discs with paper backing, self-fastening (Hook & Loop)

Coated abrasives

## ►► Continuation of PS 33 BK, Abrasive paper, self-fastening (Hook & Loop)

Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
3	320	○ 0 - no hole	100	243113
5	150	○ 0 - no hole	100	153152
5	180	○ 0 - no hole	100	150435
5	220	○ 0 - no hole	100	155143
5	240	○ 0 - no hole	100	150460
5	280	○ 0 - no hole	100	236962
5	320	○ 0 - no hole	100	150461
5	400	○ 0 - no hole	100	150462
5	600	○ 0 - no hole	100	239700
5	150	⊗ GLS 19 - 5 hole	100	262265
5	180	⊗ GLS 19 - 5 hole	100	298362
5	220	⊗ GLS 19 - 5 hole	100	262244
5	240	⊗ GLS 19 - 5 hole	100	264785
5	320	⊗ GLS 19 - 5 hole	100	264786
5	400	⊗ GLS 19 - 5 hole	100	264060
5	150	⊗ GLS 5 - 8 hole	100	150760
5	180	⊗ GLS 5 - 8 hole	100	147837
5	220	⊗ GLS 5 - 8 hole	100	150259
5	240	⊗ GLS 5 - 8 hole	100	147838
5	280	⊗ GLS 5 - 8 hole	100	304836
5	320	⊗ GLS 5 - 8 hole	100	147839
5	400	⊗ GLS 5 - 8 hole	100	147644
5	600	⊗ GLS 5 - 8 hole	100	175988
6	150	○ 0 - no hole	100	148375
6	180	○ 0 - no hole	100	146958
6	220	○ 0 - no hole	100	149916
6	240	○ 0 - no hole	100	146959
6	280	○ 0 - no hole	100	149057
6	320	○ 0 - no hole	100	146716
6	400	○ 0 - no hole	100	147108
6	500	○ 0 - no hole	100	169682
6	600	○ 0 - no hole	100	169683
6	150	⊗ GLS 2 - 8 hole	100	148377
6	180	⊗ GLS 2 - 8 hole	100	147224
6	240	⊗ GLS 2 - 8 hole	100	147280
6	320	⊗ GLS 2 - 8 hole	100	147721
6	150	⊗ GLS 3 - 6 hole	100	149151
6	180	⊗ GLS 3 - 6 hole	100	146948
6	220	⊗ GLS 3 - 6 hole	100	149255
6	240	⊗ GLS 3 - 6 hole	100	146907
6	280	⊗ GLS 3 - 6 hole	100	149978
6	320	⊗ GLS 3 - 6 hole	100	147126
6	400	⊗ GLS 3 - 6 hole	100	147125
6	150	⊗ GLS 51 - 16 + 1 hole	100	301928
6	180	⊗ GLS 51 - 16 + 1 hole	100	304084
6	220	⊗ GLS 51 - 16 + 1 hole	100	301929
6	240	⊗ GLS 51 - 16 + 1 hole	100	304815



# Discs with paper backing, self-fastening (Hook & Loop)

Coated abrasives



## ►► Continuation of PS 33 BK, Abrasive paper, self-fastening (Hook & Loop)

Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
6	320	⊗ GLS 51 - 16 + 1 hole	100	301930
6	400	⊗ GLS 51 - 16 + 1 hole	100	310898
6	150	⊗ GLS 74 - 48 + 1 hole	100	342045
6	180	⊗ GLS 74 - 48 + 1 hole	100	340598
6	220	⊗ GLS 74 - 48 + 1 hole	100	342044
6	240	⊗ GLS 74 - 48 + 1 hole	100	340599
6	320	⊗ GLS 74 - 48 + 1 hole	100	342043
6	400	⊗ GLS 74 - 48 + 1 hole	100	342042
6	600	⊗ GLS 74 - 48 + 1 hole	100	342041

Abrasive paper, self-fastening (Hook & Loop)

## PS 61 FK



**NEW** !



### Properties

Bonding agent	Resin
Grain	Ceramic Al. oxide
Coating	Close
Backing	F-paper

### Applications:

Stainless steel	●
Steel	●
Wood	○

**Advantages:** Continuously aggressive abrasive performance - High-performance abrasive disc for stainless steel grinding - Also very good results in repair grinding of parquet flooring

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
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Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
5	40	○ 0 - no hole	50	334235
5	60	○ 0 - no hole	50	322468
5	80	○ 0 - no hole	50	321597
5	120	○ 0 - no hole	50	322469
5	150	○ 0 - no hole	50	322470
5	180	○ 0 - no hole	50	322471
5	240	○ 0 - no hole	50	324331
5	280	○ 0 - no hole	50	324332
6	40	○ 0 - no hole	50	334236
6	60	○ 0 - no hole	50	322036
6	80	○ 0 - no hole	50	321325
6	120	○ 0 - no hole	50	322472
6	150	○ 0 - no hole	50	322473
6	180	○ 0 - no hole	50	321797

# Discs with film backing, self-fastening (Hook & Loop)

Coated abrasives

Abrasive film, active coated, self-fastening  
(Hook & Loop)

## FP 73 WK



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	Film

### Applications:

Paint/Varnish/Filler	●
Plastic	○

**Advantages:** Special product with highly tear-resistant film backing for use on paint, varnish and fillers - Very good adaptation of the discs with excellent grit adhesion also in the edge area - Substantially reduced clogging and significantly longer service life

### 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
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Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
5	80	○ 0 - no hole	100	321596
5	100	○ 0 - no hole	100	321398
5	120	○ 0 - no hole	100	321941
5	150	○ 0 - no hole	100	321541
5	180	○ 0 - no hole	100	321942
5	240	○ 0 - no hole	100	321943
5	320	○ 0 - no hole	100	321944
5	400	○ 0 - no hole	100	321995
5	500	○ 0 - no hole	100	321996
5	600	○ 0 - no hole	100	321997
5	800	○ 0 - no hole	100	321998
5	1000	○ 0 - no hole	100	321999
5	1200	○ 0 - no hole	100	322000
5	1500	○ 0 - no hole	100	322001
6	80	○ 0 - no hole	100	322374
6	100	○ 0 - no hole	100	322309
6	120	○ 0 - no hole	100	322375
6	150	○ 0 - no hole	100	322376
6	180	○ 0 - no hole	100	321728
6	240	○ 0 - no hole	100	322397
6	320	○ 0 - no hole	100	316152
6	400	○ 0 - no hole	100	316153
6	500	○ 0 - no hole	100	322377
6	600	○ 0 - no hole	100	316154
6	800	○ 0 - no hole	100	316175
6	1000	○ 0 - no hole	100	316176
6	1200	○ 0 - no hole	100	316177
6	1500	○ 0 - no hole	100	316178

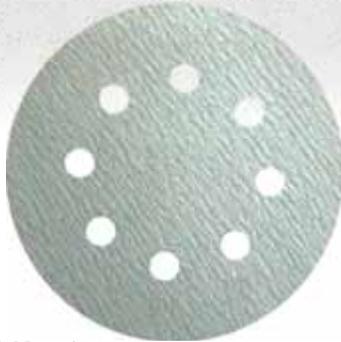
# Discs with paper backing, self-fastening (Hook & Loop)

Coated abrasives



Abrasive paper, active coated, self-fastening (Hook & Loop)

## PS 73 CWK



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	C-paper

### Applications:

Paint/Varnish/Filler	●
Plastic	○

**Advantages:** High-quality product for use on varnish, paint and filler - High removal rate - Substantially reduced clogging and significantly longer service life due to additional special coating

### 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
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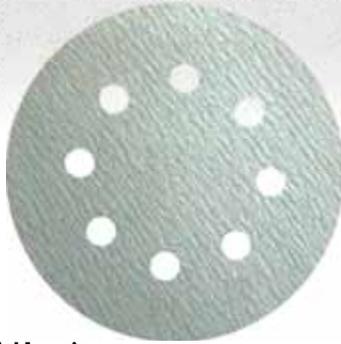
Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
5	40	○ 0 - no hole	100	308975
5	60	○ 0 - no hole	100	308976
5	80	○ 0 - no hole	100	308506
5	100	○ 0 - no hole	100	308977
5	120	○ 0 - no hole	100	308507
5	40	⊗ GLS 5 - 8 hole	100	307092
5	60	⊗ GLS 5 - 8 hole	100	307093
5	80	⊗ GLS 5 - 8 hole	100	307094
5	100	⊗ GLS 5 - 8 hole	100	307095
5	120	⊗ GLS 5 - 8 hole	100	307096
6	40	○ 0 - no hole	100	301231
6	60	○ 0 - no hole	100	301232
6	80	○ 0 - no hole	100	301233
6	100	○ 0 - no hole	100	301234
6	120	○ 0 - no hole	100	301235

# Discs with paper backing, self-fastening (Hook & Loop)

Coated abrasives

Abrasive paper, active coated, self-fastening  
(Hook & Loop)

## PS 73 BWK



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	B-paper

### Applications:

Paint/Varnish/Filler	●
Plastic	○

**Advantages:** High-quality product for use on varnish, paint and filler - High removal rate - Substantially reduced clogging and significantly longer service life due to additional special coating

### 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
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Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
5	150	○ 0 - no hole	100	302074
5	180	○ 0 - no hole	100	302099
5	220	○ 0 - no hole	100	302100
5	240	○ 0 - no hole	100	302101
5	280	○ 0 - no hole	100	302102
5	320	○ 0 - no hole	100	302103
5	400	○ 0 - no hole	100	302104
5	500	○ 0 - no hole	100	302105
5	600	○ 0 - no hole	100	302106
5	800	○ 0 - no hole	100	306613
5	1000	○ 0 - no hole	100	308978
5	1200	○ 0 - no hole	100	308979
5	1500	○ 0 - no hole	100	312647
5	150	⊗ GLS 5 - 8 hole	100	307101
5	180	⊗ GLS 5 - 8 hole	100	307102
5	220	⊗ GLS 5 - 8 hole	100	307103
5	240	⊗ GLS 5 - 8 hole	100	307104
5	280	⊗ GLS 5 - 8 hole	100	307105
5	320	⊗ GLS 5 - 8 hole	100	307106
5	360	⊗ GLS 5 - 8 hole	100	307107
5	400	⊗ GLS 5 - 8 hole	100	307108
5	500	⊗ GLS 5 - 8 hole	100	307109
5	600	⊗ GLS 5 - 8 hole	100	307110
5	800	⊗ GLS 5 - 8 hole	100	307114
5	1000	⊗ GLS 5 - 8 hole	100	307111
5	1200	⊗ GLS 5 - 8 hole	100	307112
5	1500	⊗ GLS 5 - 8 hole	100	307113
6	150	○ 0 - no hole	100	301236
6	180	○ 0 - no hole	100	301237
6	220	○ 0 - no hole	100	301238



# Discs with paper / film backing, self-fastening (Hook & Loop)

Coated abrasives



►► Continuation of PS 73 BWK, Abrasive paper, active coated, self-fastening (Hook & Loop)

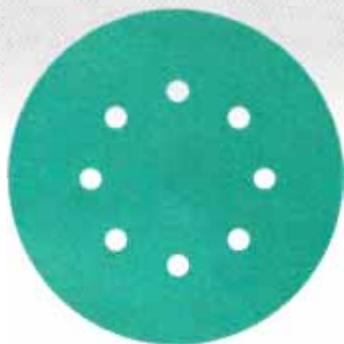
Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
6	240	○ 0 - no hole	100	301239
6	320	○ 0 - no hole	100	301240
6	400	○ 0 - no hole	100	301241
6	500	○ 0 - no hole	100	301937
6	600	○ 0 - no hole	100	306614
6	800	○ 0 - no hole	100	301886
6	1000	○ 0 - no hole	100	301891
6	1200	○ 0 - no hole	100	306625
6	180	⊗ GLS 1 - 8 + 1 hole	100	301211
6	220	⊗ GLS 1 - 8 + 1 hole	100	301212
6	240	⊗ GLS 1 - 8 + 1 hole	100	301213
6	320	⊗ GLS 1 - 8 + 1 hole	100	301214
6	400	⊗ GLS 1 - 8 + 1 hole	100	301215
6	500	⊗ GLS 1 - 8 + 1 hole	100	301216
6	800	⊗ GLS 1 - 8 + 1 hole	100	301890

Abrasive film, self fastening

## FP 77 K T-ACT



**NEW** !



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	Film

### Applications:

Paint/Varnish/Filler	●	Composite materials	●
Primer	●	Plastic	●
Filler	●		
Gel coats	●		

**Advantages:** New high-performance disc with optimized clogging behavior - Increased service life due to the new coating, which prevents the adhesion of paint and dust particles - For fine sanding in the fine grit range 240 - 2000, a highly flexible and absolutely flat film backing is used for highest surface quality

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	Grit	Hole pattern	Packing unit/pcs.	Article number
5	240	○ 0 - no hole	100	353177
5	320	○ 0 - no hole	100	353175
5	400	○ 0 - no hole	100	353174
5	500	○ 0 - no hole	100	353173
5	600	○ 0 - no hole	100	353172
5	240	⊗ GLS 27 - 8 + 1 hole	100	353168
5	320	⊗ GLS 27 - 8 + 1 hole	100	353166
5	400	⊗ GLS 27 - 8 + 1 hole	100	353165
5	500	⊗ GLS 27 - 8 + 1 hole	100	353164
5	600	⊗ GLS 27 - 8 + 1 hole	100	353163
5	240	⊗ GLS 5 - 8 hole	100	353162
5	280	⊗ GLS 5 - 8 hole	100	353161
5	320	⊗ GLS 5 - 8 hole	100	353169



# Discs with film backing, self-fastening (Hook & Loop)

Coated abrasives

## ►► Continuation of FP 77 K T-ACT, Abrasive film, self fastening

Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
5	400	⊙ GLS 5 - 8 hole	100	353160
5	500	⊙ GLS 5 - 8 hole	100	353159
5	600	⊙ GLS 5 - 8 hole	100	353158
6	240	○ 0 - no hole	100	353157
6	320	○ 0 - no hole	100	353156
6	400	○ 0 - no hole	100	353155
6	600	○ 0 - no hole	100	353153
6	240	⊙ GLS 1 - 8 + 1 hole	100	353152
6	320	⊙ GLS 1 - 8 + 1 hole	100	353151
6	400	⊙ GLS 1 - 8 + 1 hole	100	353150
6	500	⊙ GLS 1 - 8 + 1 hole	100	353149
6	600	⊙ GLS 1 - 8 + 1 hole	100	353148
6	800	⊙ GLS 1 - 8 + 1 hole	100	353147
6	240	⊙ GLS 3 - 6 hole	100	353146
6	320	⊙ GLS 3 - 6 hole	100	353145
6	400	⊙ GLS 3 - 6 hole	100	353144
6	500	⊙ GLS 3 - 6 hole	100	353143
6	600	⊙ GLS 3 - 6 hole	100	353142
6	240	⊙ GLS 47 - 14 + 1 hole	100	353141
6	320	⊙ GLS 47 - 14 + 1 hole	100	353138
6	360	⊙ GLS 47 - 14 + 1 hole	100	353137
6	400	⊙ GLS 47 - 14 + 1 hole	100	353136
6	500	⊙ GLS 47 - 14 + 1 hole	100	353135
6	600	⊙ GLS 47 - 14 + 1 hole	100	353140
6	800	⊙ GLS 47 - 14 + 1 hole	100	353134
6	1000	⊙ GLS 47 - 14 + 1 hole	100	353133
6	1200	⊙ GLS 47 - 14 + 1 hole	100	353132
6	1500	⊙ GLS 47 - 14 + 1 hole	100	353131
6	2000	⊙ GLS 47 - 14 + 1 hole	100	353130
6	240	⊙ GLS 51 - 16 + 1 hole	100	353129
6	320	⊙ GLS 51 - 16 + 1 hole	100	353128
6	400	⊙ GLS 51 - 16 + 1 hole	100	353127

# Discs with paper backing, self-fastening (Hook & Loop)

Coated abrasives

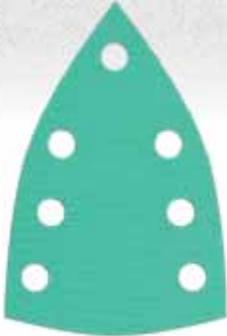


Abrasive paper, self-fastening (Hook & Loop)

## PS 77 CK T-ACT



**NEW** !



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	C-paper

### Applications:

Paint/Varnish/Filler	●	Composite materials	●
Primer	●	Plastic	◐
Filler	●		
Gel coats	●		

**Advantages:** New high-performance disc with optimized clogging behavior - Increased service life due to the new coating, which prevents the adhesion of paint and dust particles - For aggressive grinding at high loads, a flexible and tear-resistant C-latex paper is used in the grit range 60-220

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
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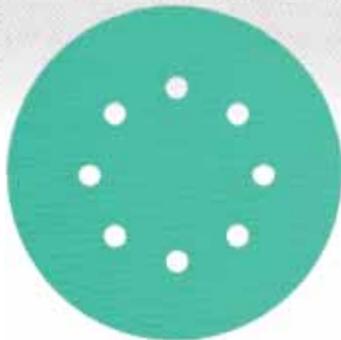
Width x Length	Grit	Hole pattern	Packing unit/pcs.	Article number
3-7/8 x 5-13/16	60	⚙️ GLS 24	100	353117
3-7/8 x 5-13/16	80	⚙️ GLS 24	100	353116
3-7/8 x 5-13/16	100	⚙️ GLS 24	100	353115
3-7/8 x 5-13/16	120	⚙️ GLS 24	100	353114
3-7/8 x 5-13/16	180	⚙️ GLS 24	100	353112

Abrasive paper, self-fastening (Hook & Loop)

## PS 77 CK T-ACT



**NEW** !



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	C-paper

### Applications:

Paint/Varnish/Filler	●	Composite materials	●
Primer	●	Plastic	◐
Filler	●		
Gel coats	●		

**Advantages:** New high-performance disc with optimized clogging behavior - Increased service life due to the new coating, which prevents the adhesion of paint and dust particles - For aggressive grinding at high loads, a flexible and tear-resistant C-latex paper is used in the grit range 60-220

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
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Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
5	60	○ 0 - no hole	100	353219
5	80	○ 0 - no hole	100	353224
5	100	○ 0 - no hole	100	353221
5	120	○ 0 - no hole	100	353223
5	150	○ 0 - no hole	100	353225
5	180	○ 0 - no hole	100	353222

Strips / Sheets / Discs



# Discs with paper backing, self-fastening (Hook & Loop)

Coated abrasives

## ► Continuation of PS 77 CK T-ACT, Abrasive paper, self-fastening (Hook & Loop)

Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
5	220	○ 0 - no hole	100	353218
5	60	⊗ GLS 27 - 8 + 1 hole	100	353220
5	80	⊗ GLS 27 - 8 + 1 hole	100	353235
5	100	⊗ GLS 27 - 8 + 1 hole	100	353234
5	120	⊗ GLS 27 - 8 + 1 hole	100	353233
5	150	⊗ GLS 27 - 8 + 1 hole	100	353232
5	180	⊗ GLS 27 - 8 + 1 hole	100	353231
5	220	⊗ GLS 27 - 8 + 1 hole	100	353211
5	60	⊗ GLS 5 - 8 hole	100	353217
5	80	⊗ GLS 5 - 8 hole	100	353216
5	100	⊗ GLS 5 - 8 hole	100	353215
5	120	⊗ GLS 5 - 8 hole	100	353214
5	150	⊗ GLS 5 - 8 hole	100	353213
5	180	⊗ GLS 5 - 8 hole	100	353212
5	220	⊗ GLS 5 - 8 hole	100	353209
6	60	○ 0 - no hole	100	353208
6	80	○ 0 - no hole	100	353207
6	100	○ 0 - no hole	100	353210
6	120	○ 0 - no hole	100	353206
6	150	○ 0 - no hole	100	353205
6	180	○ 0 - no hole	100	353204
6	220	○ 0 - no hole	100	353203
6	60	⊗ GLS 1 - 8 + 1 hole	100	353202
6	80	⊗ GLS 1 - 8 + 1 hole	100	353201
6	100	⊗ GLS 1 - 8 + 1 hole	100	353200
6	120	⊗ GLS 1 - 8 + 1 hole	100	353199
6	150	⊗ GLS 1 - 8 + 1 hole	100	353198
6	180	⊗ GLS 1 - 8 + 1 hole	100	353197
6	220	⊗ GLS 1 - 8 + 1 hole	100	353196
6	60	⊗ GLS 3 - 6 hole	100	353195
6	80	⊗ GLS 3 - 6 hole	100	353194
6	100	⊗ GLS 3 - 6 hole	100	353193
6	120	⊗ GLS 3 - 6 hole	100	353192
6	150	⊗ GLS 3 - 6 hole	100	353191
6	180	⊗ GLS 3 - 6 hole	100	353190
6	220	⊗ GLS 3 - 6 hole	100	353189
6	60	⊗ GLS 47 - 14 + 1 hole	100	353188
6	80	⊗ GLS 47 - 14 + 1 hole	100	353187
6	100	⊗ GLS 47 - 14 + 1 hole	100	353186
6	120	⊗ GLS 47 - 14 + 1 hole	100	353185
6	150	⊗ GLS 47 - 14 + 1 hole	100	353182
6	180	⊗ GLS 47 - 14 + 1 hole	100	353181
6	220	⊗ GLS 47 - 14 + 1 hole	100	353180
6	80	⊗ GLS 51 - 16 + 1 hole	100	353184
6	100	⊗ GLS 51 - 16 + 1 hole	100	353179
6	120	⊗ GLS 51 - 16 + 1 hole	100	353183
6	180	⊗ GLS 51 - 16 + 1 hole	100	353178

# Discs with paper backing, self-fastening (Hook & Loop)

Coated abrasives



Abrasive paper

## PS 36 CK / DK



### Properties

Bonding agent	Resin
Grain	Zirconia alumin./ Al. oxide
Coating	Semi-open
Backing	D/C-paper

### Applications:

Stainless steel	●
Wood	●
Plastic	●
Steel	●

**Advantages:** Flexible backing and high, aggressive stock removal efficiency particularly with materials which are difficult to process, for example with mineralized materials and tropical wood

### 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
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Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
5	80	○ 0 - no hole	50	236855
5	100	○ 0 - no hole	50	236856
5	120	○ 0 - no hole	50	236857
5	150	○ 0 - no hole	50	253036
5	180	○ 0 - no hole	50	236858
5	60	⊗ GLS 5 - 8 hole	50	250996
5	80	⊗ GLS 5 - 8 hole	50	253575
5	100	⊗ GLS 5 - 8 hole	50	253576
5	120	⊗ GLS 5 - 8 hole	50	299003
5	150	⊗ GLS 5 - 8 hole	50	253860
5	220	⊗ GLS 5 - 8 hole	50	300452
6	36	○ 0 - no hole	50	242060
6	60	○ 0 - no hole	50	242062
6	80	○ 0 - no hole	50	242063
6	100	○ 0 - no hole	50	249276
6	120	○ 0 - no hole	50	242064
6	150	○ 0 - no hole	50	242065
6	180	○ 0 - no hole	50	242066

# Discs with paper / cloth backing, self-fastening (Hook & Loop)

Coated abrasives

Abrasive cloth, self-fastening (Hook & Loop)

## CS 411 XK



**NEW** !



### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Close
Backing	X-cotton

### Applications:

Stainless steel	●
Steel	●
Metals	●
Wood	●

**Advantages:** Aggressive abrasive behavior due to self-sharpening zirconia alumina - Resistant high-Performance abrasive disc with tear-resistant cotton backing for rough and intermediate sanding on edges and surfaces

### 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
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Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
4-1/2	24	○ 0 - no hole	50	301371
4-1/2	40	○ 0 - no hole	50	291979
4-1/2	60	○ 0 - no hole	50	278073
4-1/2	80	○ 0 - no hole	50	279638
4-1/2	120	○ 0 - no hole	50	292166
5	24	○ 0 - no hole	50	310461
5	40	○ 0 - no hole	50	291980
5	60	○ 0 - no hole	50	182412
5	80	○ 0 - no hole	50	238954
5	120	○ 0 - no hole	50	326051
6	24	○ 0 - no hole	50	294918
6	40	○ 0 - no hole	50	301271
6	60	○ 0 - no hole	50	64647
6	80	○ 0 - no hole	50	285565
6	120	○ 0 - no hole	50	285566

# Back-up pads

Coated abrasives



Back-up pad for Hook & Loop discs

## HST 359



**Advantages:** Good adhesion for all hook & loop discs

Diameter	Specification/ Hole pattern	Packing unit/pcs.	Article number
2	MED /○ 0 - no hole	1	304892
3	MED /○ 0 - no hole	1	304891
5	MED /⊙ GLS5 - 8 hole	1	303759
5	MED /⊙ GLS 19 - 5 hole	1	303760
5	LOW /○ 0 - no hole	1	303761
5	MED /⊙ GLS 19 - 5 hole	1	303762
5	MED /○ 0 - no hole	1	303763
6	LOW /⊙ GLS3 - 6 hole	1	303764
6	LOW /○ 0 - no hole	1	303765
6	MED /○ 0 - no hole	1	303766
6	LOW /⊙ GLS3 - 6 hole	1	303767

# Discs with paper backing, self-adhesive (PSA) / Self-fastening support

Coated abrasives

Self-fastening support

## CS 396 Y



**NEW** !



### Properties

Engaging elements	Self-fastening
Thickness	1,5
Temperature range	-30° to +80°

**Advantages:** Can be cut to size easily - Simple and safe fixing on smooth and even surfaces - Allows a quick change of the abrasive

Diameter	Hole pattern	Packing unit/pcs.	Article number
5	○ 0 - no hole	1	116594
6	○ 0 - no hole	1	78325
10	○ 0 - no hole	1	110229
12	○ 0 - no hole	1	81565

Abrasive paper, self-adhesive (PSA)

## PS 33 BS / CS



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	B / C-paper

### Applications:

Paint/Varnish/Filler	●
Wood	○

**Advantages:** High-quality abrasive paper, especially suited for paint, varnish and filler

**Disc Rolls:** discs are adhered on a liner roll and conveniently pulled as needed from a dispensing box

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
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Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
5	40	○ 0 - no hole	1 roll = 50 pcs	303273
5	40	○ 0 - no hole	100	303321
5	60	○ 0 - no hole	100	244958
5	60	○ 0 - no hole	1 roll = 100 pcs	303322
5	80	○ 0 - no hole	100	244955
5	80	○ 0 - no hole	1 roll = 100 pcs	303323
5	100	○ 0 - no hole	100	249462
5	100	○ 0 - no hole	1 roll = 100 pcs	303324
5	120	○ 0 - no hole	100	249463



# Discs with paper backing, self-fastening

Coated abrasives



## ►► Continuation of PS 33 BS /CS, Abrasive paper, self-adhesive (PSA)

Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
5	120	○ 0 - no hole	1 roll = 100 pcs	303325
5	150	○ 0 - no hole	100	249054
5	150	○ 0 - no hole	1 roll = 100 pcs	303447
5	180	○ 0 - no hole	100	250986
5	180	○ 0 - no hole	1 roll = 100 pcs	303450
5	220	○ 0 - no hole	100	249515
5	220	○ 0 - no hole	1 roll = 100 pcs	303449
5	240	○ 0 - no hole	1 roll = 100 pcs	303451
5	320	○ 0 - no hole	100	249067
5	320	○ 0 - no hole	1 roll = 100 pcs	303448
5	400	○ 0 - no hole	100	252973
6	40	○ 0 - no hole	100	303326
6	40	○ 0 - no hole	1 roll = 100 pcs	303430
6	60	○ 0 - no hole	100	251703
6	60	○ 0 - no hole	1 roll = 100 pcs	303453
6	80	○ 0 - no hole	100	242239
6	80	○ 0 - no hole	1 roll = 100 pcs	303438
6	100	○ 0 - no hole	100	242269
6	100	○ 0 - no hole	1 roll = 100 pcs	303439
6	120	○ 0 - no hole	100	242270
6	120	○ 0 - no hole	1 roll = 100 pcs	303440
6	150	○ 0 - no hole	100	251216
6	150	○ 0 - no hole	1 roll = 100 pcs	303452
6	180	○ 0 - no hole	100	244945
6	180	○ 0 - no hole	1 roll = 100 pcs	303441
6	220	○ 0 - no hole	100	244946
6	220	○ 0 - no hole	1 roll = 100 pcs	303442
6	240	○ 0 - no hole	100	244947
6	240	○ 0 - no hole	1 roll = 100 pcs	303443
6	320	○ 0 - no hole	100 ST	244949
6	320	○ 0 - no hole	1 roll = 100 pcs	303444
6	400	○ 0 - no hole	100 ST	244950
6	400	○ 0 - no hole	1 roll = 100 pcs	303445
6	600	○ 0 - no hole	1 roll = 100 pcs	303446

# Discs with cloth backing, self-adhesive (PSA)

Coated abrasives

Abrasive cloth, self-adhesive (PSA)

## CS 310 XS



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	X-cotton

### Applications:

Metals	●
Wood	○
Plastic	○
Leather	○

**Advantages:** Abrasive cloth for metal and woodworking applications - Cotton backing provides stability for heavy duty use and long service life

### 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
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Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
5	50	○ 0 - no hole	50	303132
5	80	○ 0 - no hole	50	303134
5	120	○ 0 - no hole	50	303136
6	60	○ 0 - no hole	50	303147
6	80	○ 0 - no hole	50	303148
6	120	○ 0 - no hole	50	303150
9	60	○ 0 - no hole	50	303180
9	80	○ 0 - no hole	50	303181
10	60	○ 0 - no hole	25	303193
10	80	○ 0 - no hole	25	303194
12	36	○ 0 - no hole	10	303201
12	40	○ 0 - no hole	10	303202
12	50	○ 0 - no hole	10	303203
12	60	○ 0 - no hole	10	303204
12	80	○ 0 - no hole	10	303205
12	100	○ 0 - no hole	10	303206
12	120	○ 0 - no hole	10	303207
16	40	○ 0 - no hole	10	303222
16	80	○ 0 - no hole	10	303225
20	36	○ 0 - no hole	10	303234
20	60	○ 0 - no hole	10	303237

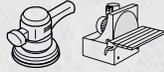
# Discs with cloth backing, self-adhesive (PSA) / Back-up pads

Coated abrasives



Abrasive cloth, self-adhesive (PSA)

## CS 411 XS



### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Close
Backing	X-cotton

### Applications:

Metals	●
Leather	○



**Advantages:** High-performance disc with high stock removal rate for rough grinding and deburring of steel and stainless steel

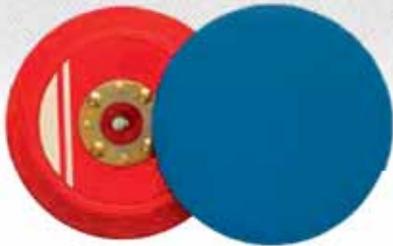
### Available grits:

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
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Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
12	36	○ 0 - no hole	10	303339
12	60	○ 0 - no hole	10	303342
12	80	○ 0 - no hole	10	303343
12	120	○ 0 - no hole	10	303344

Back-up pad for PSA discs

## ST 359 S



**Advantages:** Good adhesion for all PSA discs

Diameter	Max. operating speed	Density	Max. RPM	Packing unit/pcs.	Article number
5	80 m/s	LOW-PRO / ○ 0 - no hole	12200 rpm	1	303786
5	80 m/s	MED-PRO / ○ 0 - no hole	12200 rpm	1	303787
6	80 m/s	LOW-PRO / ○ 0 - no hole	10200 rpm	1	303788
6	80 m/s	MED-PRO / ○ 0 - no hole	10200 rpm	1	303789

# Discs, non-woven web

Non-woven web disc

## SV 484



**NEW** !



**Properties**

Bonding agent	Resin
Grain	Aluminium oxide
Backing	Non-woven web with polyester lining

**Applications:**

Paint/Varnish/Filler	●	Stainless steel	●
Wood	●		
Plastic	●		
Metals	●		

**Advantages:** Universal surface conditioning disc with outstanding price-performance ratio - Soft and elastic grinding - Can be used wet and dry - With centre hole for easy mounting, secure hold and smooth running on backing plates with centering - Also suited for backing pads without centering and fibre discs backing plates with clamping screw

**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
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Diameter x Bore	Grit	Grade	Packing unit/pcs.	Article number
4-1/2 x 7/8	80	coarse	10	353413
4-1/2 x 7/8	100	medium	10	353415
4-1/2 x 7/8	180	medium	10	353409
4-1/2 x 7/8	280	very fine	10	353410
5 x 7/8	80	coarse	10	353414
5 x 7/8	100	medium	10	353416
5 x 7/8	180	medium	10	353411
5 x 7/8	280	very fine	10	353412



Non-woven web disc (Surface Conditioning), self-fastening

## NDS 400 K



**NEW** !



### Properties

Bonding agent	Resin
Grain	Aluminium oxide/SiC
Backing	Non-woven web

### Applications:

Metals	●	Paint/Varnish/Filler	●
Steel	●		
Stainless steel	●		
Plastic	●		

**Advantages:** Creates an omnidirectional, ultra-fine satin finish on stainless steel surfaces - Effortless cleaning of metal surfaces - Removal of thin layers of oxidation on NF metal - Preparation of surfaces for subsequent coating - Roughening of painted and plastic surfaces - Available in ultra fine (SiC) and very fine (Aluminium oxide)

### 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
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Diameter	Grit	Colour	Grade	Packing unit/pcs.	Article number
6	320	maroon	very fine	20	342640
6	600	grey	ultra fine	20	342641

Non-woven web disc (Surface Conditioning)

## NDS 810



### Properties

Bonding agent	Resin
Grain	Aluminium oxide

### Applications:

Metals	●	Wood	○
Stainless steel	●		
Paint/Varnish/Filler	○		
Plastic	○		

**Advantages:** High edge stability - Aggressive abrasive behavior - Long service life - Perfectly suited for rough cleaning, deburring and grinding of welded seams - Can be used for wet and dry grinding

Diameter x Bore	Colour	Grade	Packing unit/pcs.	Article number
4-1/2	brown	coarse	10	303630
4-1/2	red	medium	10	303631
4-1/2	blue	very fine	10	303629
4-1/2 x 3/8	brown	coarse	10	303632
4-1/2 x 3/8	red	medium	10	303633
4-1/2 x 3/8	blue	very fine	10	303635
4-1/2 x 7/8	brown	coarse	10	303636
4-1/2 x 7/8	red	medium	10	303637
4-1/2 x 7/8	blue	very fine	10	303639
5	brown	coarse	10	303645
5	red	medium	10	303648



## Discs, non-woven web / Back-up pads

### ►► Continuation of NDS 810, Non-woven web disc (Surface Conditioning)

Diameter	Colour	Grade	Packing unit/pcs.	Article number
5	blue	very fine	10	303650
5 x 7/8	brown	coarse	10	303654
5 x 7/8	red	medium	10	303655
5 x 7/8	blue	very fine	10	303657
7	brown	coarse	10	303664
7	red	medium	10	303665
7	blue	very fine	10	303667
7 x 7/8	brown	coarse	10	303671
7 x 7/8	red	medium	10	303672
7 x 7/8	blue	very fine	10	303674

Back-up pad for Surface Conditioning discs

## NDS 555



**Advantages:** Good adhesion for all for discs (non-woven web)

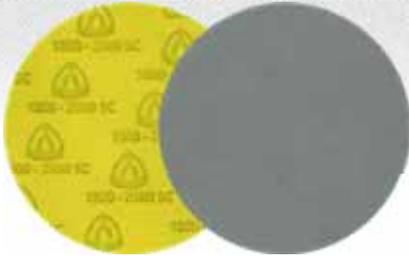
Diameter	Thread/Shaft	Packing unit/pcs.	Article number
4-1/2	thread 5/8-11	1	303771
5	thread 5/8-11	1	303769
7	thread 5/8-11	1	303770

# Discs with foam backing



Grinding disc with foam material,  
self-fastening

## FD 500



**NEW** !

### Properties

Bonding agent	Resin
Grain	Aluminium oxide/SiC
Backing	Foam material/velours

### Applications:

Paint/Varnish/Filler ●

**Advantages:** Uniform pressure distribution thanks to elastic foam coating - Soft grinding and extremely fine scratch pattern - Superior flexibility and adaptability on contours and profiles - Exceptionally well suited for finish grinding - Suitable for wet and dry use - Available in grit 1000, 1500 (Aluminium oxide) and 2000, 3000 (SiC)

### 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	3000
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Diameter	Grit	Hole pattern	Packing unit/pcs.	Article number
5	1000	○ 0 - no hole	10	342291
5	1500	○ 0 - no hole	10	342290
5	2000	○ 0 - no hole	10	342289
5	3000	○ 0 - no hole	10	342288
6	1000	○ 0 - no hole	10	342294
6	1500	○ 0 - no hole	10	342293
6	2000	○ 0 - no hole	10	342295
6	3000	○ 0 - no hole	10	342292



# Quick Change Discs



## About the product

Klingspor Quick Change Discs are designed for use on pneumatic and electric die grinders. The Quick Change Discs allow for 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 due to various dimensions and back-up pad hardness

Coated abrasive	Type	Grain	Coating	Characteristics	Page
	<b>QMC/QRC/ QDC 412</b>	Aluminium oxide	●	The versatile disc for coarse and intermediate grinding on metal	<b>150, 155, 160</b>
	<b>QMC/QRC/ QDC 411</b>	Zirconia alumina	●	High stock removal rate for rough grinding and deburring of stainless steel and steel	<b>151, 156, 161</b>
	<b>QMC/QRC 409</b>	Zirconia alumina	●	Extremely high stock removal rate and long service life for stainless steel and high alloy steels with multibond for cool grinding	<b>152, 157</b>
	<b>QMC/QRC 910</b>	Ceramic aluminium oxide	●	Extremely sharp ceramic grain for highest aggressivity and multibond for cool grinding	<b>152, 158</b>
	<b>QMC/QRC 400</b>	Aluminium oxide		Soft surface conditioning disc for finishing and cleaning work	<b>159</b>
	<b>QMC/QRC 800</b>	Aluminium oxide		Firm surface conditioning disc for cleaning and light deburring work, blending and processing of grinding marks	<b>153, 159</b>

# Quick Change Discs

Applications guide

## Minimum order quantities for non stock items

QCD	Diameter	Minimum order quantities
<i>QRC/QMC 412</i>	1"	1,700 pieces
<i>QRC/QMC 411</i>	1-1/2"	1,200 pieces
<i>QRC/QMC 409</i>	2"	900 pieces
	3"	600 pieces

QCD	Diameter	Minimum order quantities
<i>QRC/QMC 800</i>	1-1/2"	400 pieces
	2"	350 pieces
	3"	350 pieces
<i>QRC/QMC 400</i>	1-1/2"	700 pieces
	2"	500 pieces
	3"	375 pieces



We reserve the right to over-deliver or under-deliver made to order items.

## The right choice of the back-up pad/fastening device

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

**Please observe the max. RPM for the back-up 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.

Additionally Klingspor offers a third fastening system: QDC. QDCs must be used with Klingspor's Steel Mandrels



# Quick Change Discs

Applications guide



## The system QMC (Quick Metal Connect)

The Quick Change Discs with metal locking are fastened to the back-up pad by an internal thread.



## The system QRC (Quick Roll Connect)

Attach the Quick Change Disc to the back-up pad using the plastic threaded bushing and secure by turning 180° clockwise.



## The system QDC (Quick Disc Connect)

QDCs (Quick Disc Connect) are staple items in many production shops because they offer instant disc changes with assurance that the disc is centered and smooth running. They work on many applications including general purpose grinding, blending, deburring and removal of weld beads and flash. The QDCs are available in aluminum oxide, alumina zirconia, alumina zirconia lubed and ceramic aluminum oxide (Must be used with Klingspor's Steel Mandrels). **Please contact us for more information on availability.**

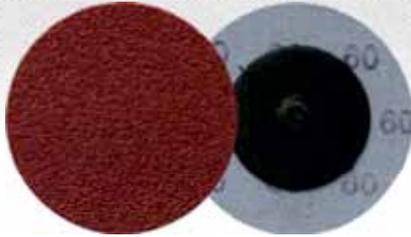


# Quick Change Discs

Quick Roll Connect

Quick Change Disc

## QRC 412



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close

### Applications:

Metals	●
NF metals	●

**Advantages:** For universal use in coarse and intermediate grinding

### 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
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Diameter	Grit	Packing unit/pcs.	Article number
1	120	100	295169
1-1/2	80	100	295189
1-1/2	120	100	295191
2	36	100	295207
2	40	100	295208
2	50	100	295209
2	60	100	295210
2	80	100	295211
2	100	100	295212
2	120	100	295213
2	180	100	295215
2	240	100	295216
3	36	50	295229
3	40	50	295230
3	60	50	295232
3	80	50	295233
3	120	50	295235
3	180	50	295237

**Back-up pad see page 154.**

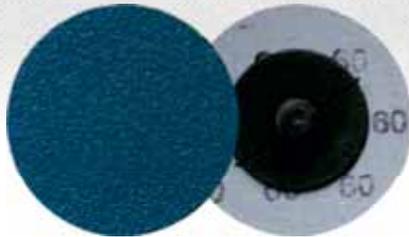
# Quick Change Discs

Quick Roll Connect



Quick Change Disc

## QRC 411



### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Close

### Applications:

Stainless steel	●
Metals	●

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

### 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
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Diameter	Grit	Packing unit/pcs.	Article number
2	36	100	295306
2	40	100	295307
2	50	100	295308
2	60	100	295309
2	80	100	295310
2	120	100	295311
3	36	50	295318
3	40	50	295319
3	60	50	295321
3	80	50	295322
3	120	50	295323

Back-up pad see page 154.

# Quick Change Discs

Quick Roll Connect

Quick Change Disc

## QRC 409



### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Close

### Applications:

Stainless steel	●
Metals	●

**Advantages:** High removal rate on stainless steel - Multibond allows cool grinding on stainless steel - Minimal clogging on aluminium

### 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
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Diameter	Grit	Packing unit/pcs.	Article number
2	36	100	295340
2	50	100	295342
2	60	100	295343
2	80	100	295344
2	120	100	295345
3	36	50	295351
3	40	50	295352

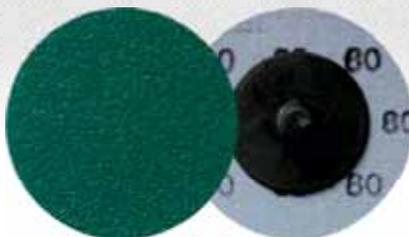
Back-up pad see page 154.

Quick Change Disc

## QRC 910



**NEW !**



### Properties

Bonding agent	Resin
Grain	Ceramic Al. oxide
Coating	Close

### Applications:

Stainless steel	●
High alloy steel	●

**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

### 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
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Diameter	Grit	Packing unit/pcs.	Article number
2	40	100	295372
2	60	100	295374
2	80	100	295375
3	36	50	295381



# Quick Change Discs

Quick Roll Connect



► Continuation of QRC 910, Quick Change Disc

Diameter	Grit	Packing unit/pcs.	Article number
3	40	50	295382
3	50	50	295383
3	60	50	295384
3	80	50	295385

Back-up pad see page 154.

Quick Change Disc

## QRC 800

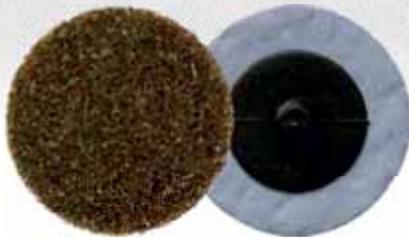


### Properties

Bonding agent Resin	
Grain	Aluminium oxide

### Applications:

Metals	●
Stainless steel	●
Paint/Varnish/Filler	○



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

Diameter	Colour	Grade	Packing unit/pcs.	Article number
2	brown	coarse	50	295413
2	maroon	medium	50	295414
2	blue	very fine	50	295415
3	brown	coarse	25	295419
3	maroon	medium	25	295420
3	blue	very fine	25	295421

Back-up pad see page 154.

Grit	60 - 80	120 - 150	180 - 240
Grade	coarse	medium	very fine
Klingspor Quick Change Discs	Aggressiveness decreasing ↓	coarse A – brown	
			medium A – maroon
			very fine – blue

# Quick Change Discs

Quick Roll Connect / Back-up pad

Back-up pad

## QRC 555



**Advantages:** For secure mounting of QRC discs

Diameter x Mandrel	Density	Max. RPM	Packing unit/pcs.	Article number
1-1/2 x 1/4	medium	30000 rpm	1	303776
2 x 1/4	medium	30000 rpm	1	303777
3 x 1/4	medium	20000 rpm	1	303778

# Quick Change Discs

Quick Metal Connect



Quick Change Disc

## QMC 412



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close

### Applications:

Metals	●
NF metals	●

**Advantages:** For universal use in coarse and intermediate grinding

### 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	Grit	Packing unit/pcs.	Article number
1	36	100	295112
1	50	100	295114
1	80	100	295156
1	120	100	295158
1	150	100	295159
1	180	100	295160
1-1/2	36	100	295174
1-1/2	40	100	295175
1-1/2	60	100	295177
1-1/2	80	100	295178
1-1/2	120	100	295180
1-1/2	180	100	295182
1-1/2	240	100	295183
2	36	100	295196
2	40	100	295197
2	50	100	295198
2	60	100	295199
2	80	100	295200
2	100	100	295201
2	120	100	295202
2	180	100	295204
2	240	100	295205
2	320	100	295206
3	36	50	295218
3	40	50	295219
3	50	50	295220
3	60	50	295221
3	80	50	295222



# Quick Change Discs

## Quick Metal Connect

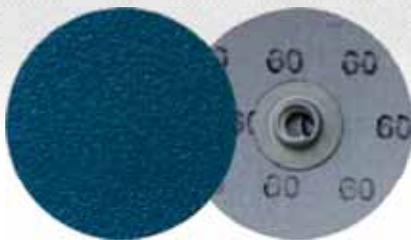
### ► Continuation of QMC 412, Quick Change Disc

Diameter	Grit	Packing unit/pcs.	Article number
3	100	50	295223
3	120	50	295224
3	150	50	295225
3	180	50	295226

Back-up pad see page 160.

Quick Change Disc

## QMC 411



### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Close

### Applications:

Stainless steel	●
Metals	●

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

### 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	Grit	Packing unit/pcs.	Article number
1	40	100	295277
1-1/2	80	100	295292
1-1/2	120	100	295293
2	36	100	295300
2	40	100	295301
2	50	100	295302
2	60	100	295303
2	80	100	295304
2	120	100	295305
3	36	50	295312
3	40	50	295313
3	80	50	295316
3	120	50	295317

Back-up pad see page 160.

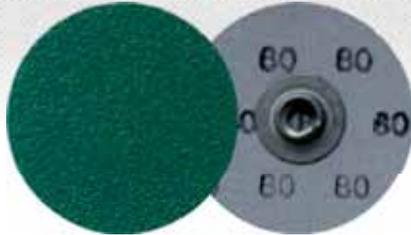
# Quick Change Discs

Quick Metal Connect



Quick Change Disc

## QMC 409



### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Close

### Applications:

Stainless steel	●
Metals	●

**Advantages:** High removal rate on stainless steel - Multibond allows cool grinding on stainless steel - Minimal clogging on aluminium

### 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
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Diameter	Grit	Packing unit/pcs.	Article number
1-1/2	36	100	295324
1-1/2	50	100	295326
1-1/2	60	100	295327
1-1/2	80	100	295328
1-1/2	120	100	297720
2	36	100	295334
2	50	100	295336
2	60	100	295337
2	80	100	295338
2	120	100	295339
3	36	50	295346
3	40	50	295347
3	50	50	295348
3	60	50	295349
3	80	50	295350
3	120	50	297324

Back-up pad see page 160.

# Quick Change Discs

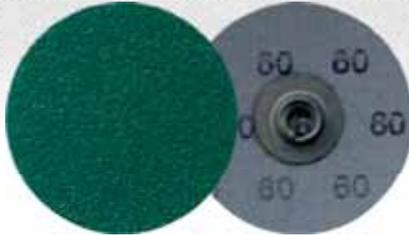
Quick Metal Connect

Quick Change Disc

## QMC 910



**NEW** !



### Properties

Bonding agent	Resin
Grain	Ceramic Al. oxide
Coating	Close

### Applications:

Stainless steel	●
High alloy steel	●

**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

### 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	Grit	Packing unit/pcs.	Article number
1-1/2	50	100	295358
1-1/2	60	100	295359
1-1/2	80	100	295360
2	36	100	295366
2	40	100	295367
2	50	100	295368
2	60	100	295369
2	80	100	295370
3	36	50	295376
3	50	50	295378
3	60	50	295379
3	80	50	295380

Back-up pad see page 160.

# Quick Change Discs

Quick Metal Connect

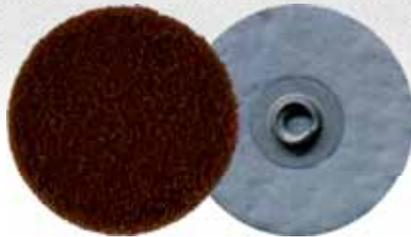


Quick Change Disc

## QMC 400



**NEW** !



**Properties**

Bonding agent Resin	
Grain	Aluminium oxide

**Applications:**

Paint/Varnish/Filler	●
Stainless steel	●
Metals	○

**Advantages:** Suitable for surface finishing work - For cleaning work on metals and painted surfaces

Diameter	Colour	Grade	Packing unit/pcs.	Article number
2	maroon	medium	50	295392
2	maroon	fine	50	295393
2	maroon	very fine	50	295394
3	maroon	medium	25	295398
3	maroon	fine	25	295399
3	maroon	very fine	25	295400

Back-up pad see page 160. Information regarding grit range see chart on page 153.

Quick Change Disc

## QMC 800



**Properties**

Bonding agent Resin	
Grain	Aluminium oxide

**Applications:**

Metals	●
Stainless steel	●
Paint/Varnish/Filler	○

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

Diameter	Colour	Grade	Packing unit/pcs.	Article number
2	brown	coarse	50	295410
2	maroon	medium	50	295411
2	blue	very fine	50	295412
3	brown	coarse	25	295416
3	maroon	medium	25	295417
3	blue	very fine	25	295418

Back-up pad see page 160. Information regarding grit range see chart on page 153.

Quick Change Discs

# Quick Change Discs

## Quick Metal Connect / Back-up pad

Back-up pad

### QMC 555



**Advantages:** For secure mounting of QMC discs - Optimized abrasive properties (aggressiveness, surface quality) due to three hardnesses

Diameter x Mandrel	Density	Max. RPM	Packing unit/pcs.	Article number
1 x 1/4	medium	40000 rpm	1	303773
1-1/2 x 1/4	medium	30000 rpm	1	303772
2 x 1/4	medium	30000 rpm	1	303774
3 x 1/4	medium	20000 rpm	1	303775

Quick Change Disc

### QDC 412



**Properties**

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close

**Applications:**

Metals	●
NF metals	●

**Advantages:** For universal use in coarse and intermediate grinding

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

All sizes and minimum purchasing quantities available on request

**Must be used with Klingspor's Steel Mandrels**

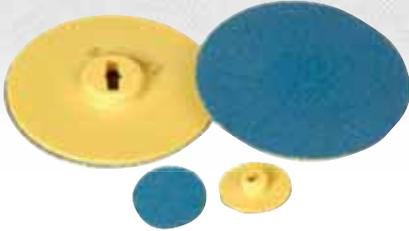
# Quick Disc Connect

Quick Disc Connect / Steel mandrel



Quick Change Disc

## QDC 411



### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Close

### Applications:

Stainless steel	●
Metals	●

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

### Available grits:

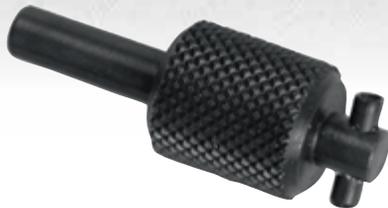
16 24 30 36 40 50 60 80 100 120 150 180 220 240 280 320 360 400 500 600 800 1000 1200 1500 2000

All sizes and minimum purchasing quantities available on request

**Must be used with Klingspor's Steel Mandrels**

Steel mandrels for QDC discs

## QDC



**Advantages:** For secure mounting of QDC discs

Diameter x Mandrel	For diameter	Packing unit/pcs.	Article number
1 x 1/4	1" & 1-1/2"	1	320932
1-3/4 x 1/4	2" - 3"	1	318786



# Small abrasive mop



## About the product

The small abrasive mop comprises of grinding flaps coated with aluminum oxide. The fan-shaped abrasive flaps are securely fixed to a central mounting spindle. The flap's fan-shaped radial arrangement adapts perfectly to the contours of the workpiece.

The wide range of grits (40 – 320) and top size coat additives (with and without multibonds) make the Klingspor small abrasive mop perfect for a wide range of applications.

## Application examples

- ▶ Grinding work for tool and mould making
- ▶ Processing of profiled workpieces
- ▶ Processing of internal surfaces on pipework, fittings and difficult-to-reach areas
- ▶ Grinding work on small parts and casing

Type	Material applications														Machine applications		Page		
	Metal	Apparatus / container engineering	Precision engineering	Mould making	Fittings	Pipes	Profiled sections	Tools	Mountings	Cutlery	Wood	Contoured wood	Model construction	Profiled sections	Plastics	Flexible shafts		Drilling machines	Die grinders
<i>KM 613</i>	●	●	●	●	●	●	●	●	●	●	○	○	○	○	○	●	●	●	165
<i>KM 615</i>	●	●	●	●	●	●	●	●	●	●			○	○		●	●	●	167
<i>KMT 614</i>	●	●	●	●	●	●	●	●	●	○	○	○	○	○	●	●	●	●	168
<i>NCS 600</i>	●	●	●	●	●	●	●	●	●						○	●	●	●	169
<i>NFS 600</i>	●	●	●	●	●	●	●	●	●							●	●	●	170

● = main application   ○ = possible application

## Minimum order quantities for non stock items

Product	Grit	Minimum order quantities
<i>KM 613</i>	40–320	250 pieces
	from 360	500 pieces
<i>KM 615</i>	40–180	250 pieces

Product	Grit	Minimum order quantities
<i>KMT 614</i>	40–320	250 pieces
	from 360	500 pieces
Product	Diameter	Minimum order quantities
<i>NCS 600/</i>	1-1/8" to 2-3/4"	150 pieces
<i>NFS 600</i>	3" and larger	100 pieces

# Small abrasive mop

## Applications guide

### Application recommendations

- ▶ The small abrasive mop can be used with flexible shaft grinders, stroke grinders (pneumatic, electric) or drilling machines.
- ▶ Their optimum performance is achieved at a cutting rate between 20 – 25 m/s. By observing these speeds, the product will perform efficiently in regard to tool wear, stock removal, surface finish and thermal load of the workpiece.

### Factors influencing the grinding result

#### Stock removal:

An increase in stock removal should only occur as a result of using rougher grit and not as a result of increased tool / grinding pressure.

Steady increased tool / grinding pressure

- ▶ results in unnecessary tool wear and tear
- ▶ results in increased work piece temperature load
- ▶ can result in tool failure

#### Surface finish:

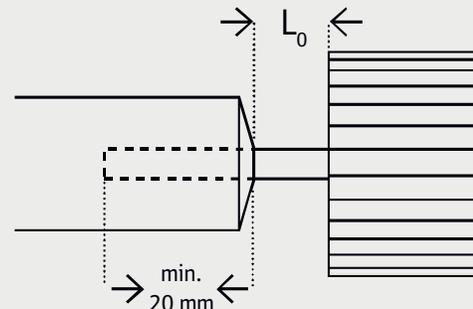
- ▶ The wear of the outer edge of the grinding flaps results in the presentation of new sharp abrasive grain and provides an uniform surface finish
- ▶ The surface roughness decreases through an increase in the cutting rate
- ▶ An increase in tool / grinding pressure results in a coarser surface roughness
- ▶ The small abrasive mop achieves a significantly smoother surface finish compared to that of a belt grinder

#### Temperature load:

- ▶ By reducing the tool / grinding pressure and the peripheral speeds, the temperature load of the workpiece and the tool is reduced.

ø [mm]	Height [mm]	Maximum operating speed [m/s]*	RPM [1/min]		
			L <sub>0</sub> = 0 mm	L <sub>0</sub> = 10 mm	L <sub>0</sub> = 20 mm
10	≤ 15	40	76,300	55,000	35,000
15	≤ 25	40	50,500	37,000	28,000
20	≤ 20	40	38,150	28,600	21,900
25	≤ 15	40	30,500	22,900	17,500
30	≤ 15	40	25,400	19,000	14,600
40	≤ 20	40	19,000	14,300	10,900
50	≤ 30	40	15,200	11,400	8,700
60	≤ 40	40	12,700	9,500	7,300
	50	32	10,150	7,900	6,300
80	≤ 40	40	9,500	7,100	5,400
	50	32	7,650	6,000	4,800

\* for exposed shank length L<sub>0</sub>=0 mm



#### Tool wear:

- ▶ Tool wear is reduced by working at a lower grinding pressure.

To ensure the optimal and most efficient use of a tool

- ▶ maximum revolutions per minute may not be exceeded
- ▶ fixing spindle length of the small abrasive mop in the mounting device must be at least 20 mm
- ▶ the set revolutions per minute may not be exceeded when using an exposed shaft length L<sub>0</sub> (please refer to the table above)

For additional information please refer to the safety information provided with the product.

# Small abrasive mop

Abrasive mop



Small abrasive mop

## KM 613



### Properties

Bonding agent Resin	
Grain	Aluminium oxide

### Applications:

Stainless steel	●
Metals	●
Wood	◐
Plastic	◐

**Advantages:** Universal product for steel and stainless steel materials - Even removal rate - Suitable for use in hard-to-reach areas

### 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
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Diameter x Width x Shaft	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
3/8 x 3/8 x 1/8	80	40 m/s	76300 rpm	10	303545
3/8 x 3/8 x 1/8	120	40 m/s	76300 rpm	10	303540
5/8 x 5/8 x 1/8	80	40 m/s	50900 rpm	10	303578
5/8 x 5/8 x 1/8	120	40 m/s	50900 rpm	10	303575
3/4 x 3/4 x 1/8	60	40 m/s	38150 rpm	10	303534
3/4 x 3/4 x 1/8	80	40 m/s	38150 rpm	10	303535
3/4 x 3/4 x 1/8	120	40 m/s	38150 rpm	10	303530
3/4 x 3/4 x 1/4	80	40 m/s	38150 rpm	10	303529
3/4 x 3/4 x 1/4	120	40 m/s	38150 rpm	10	303526
1 x 3/8 x 1/4	80	40 m/s	30500 rpm	10	278871
1 x 1/2 x 1/4	40	40 m/s	30500 rpm	10	278877
1 x 1/2 x 1/4	60	40 m/s	30500 rpm	10	278878
1 x 1/2 x 1/4	80	40 m/s	30500 rpm	10	278879
1 x 1/2 x 1/4	120	40 m/s	30500 rpm	10	278881
1 x 3/4 x 1/4	60	40 m/s	30500 rpm	10	278894
1 x 3/4 x 1/4	80	40 m/s	30500 rpm	10	278895
1 x 3/4 x 1/4	120	40 m/s	30500 rpm	10	278897
1 x 1 x 1/4	40	40 m/s	30500 rpm	10	278902
1 x 1 x 1/4	60	40 m/s	30500 rpm	10	278905
1 x 1 x 1/4	80	40 m/s	30500 rpm	10	278907
1 x 1 x 1/4	120	40 m/s	30500 rpm	10	278910
1 x 1 x 1/4	180	40 m/s	30500 rpm	10	278912
1 x 1 x 1/4	240	40 m/s	30500 rpm	10	278913
1 x 1 x 1/4	320	40 m/s	30500 rpm	10	278914
1-3/16 x 3/16 x 1/4	60	40 m/s	25400 rpm	10	278928
1-3/16 x 3/16 x 1/4	120	40 m/s	25400 rpm	10	278930
1-3/16 x 1 x 1/4	60	40 m/s	25400 rpm	10	278924
1-3/16 x 1 x 1/4	120	40 m/s	25400 rpm	10	278927
1-1/2 x 1/2 x 1/4	40	40 m/s	19000 rpm	10	278946



# Small abrasive mop

## Abrasive mop

### ►► Continuation of KM 613, Small abrasive mop

Diameter x Width x Shaft	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
1-1/2 x 1/2 x 1/4	60	40 m/s	19000 rpm	10	278947
1-1/2 x 1/2 x 1/4	80	40 m/s	19000 rpm	10	278948
1-1/2 x 1/2 x 1/4	120	40 m/s	19000 rpm	10	278950
1-1/2 x 3/4 x 1/4	60	40 m/s	19000 rpm	10	278956
1-1/2 x 3/4 x 1/4	80	40 m/s	19000 rpm	10	278957
1-1/2 x 3/4 x 1/4	120	40 m/s	19000 rpm	10	278959
1-1/2 x 1 x 1/4	40	40 m/s	19000 rpm	10	278964
1-1/2 x 1 x 1/4	60	40 m/s	19000 rpm	10	278966
1-1/2 x 1 x 1/4	80	40 m/s	19000 rpm	10	278967
1-1/2 x 1 x 1/4	120	40 m/s	19000 rpm	10	278971
1-1/2 x 1 x 1/4	180	40 m/s	19000 rpm	10	278972
1-1/2 x 1 x 1/4	240	40 m/s	19000 rpm	10	278973
1-1/2 x 1-1/2 x 1/4	40	40 m/s	19000 rpm	10	278975
1-1/2 x 1-1/2 x 1/4	60	40 m/s	19000 rpm	10	278976
1-1/2 x 1-1/2 x 1/4	80	40 m/s	19000 rpm	10	278977
1-1/2 x 1-1/2 x 1/4	120	40 m/s	19000 rpm	10	278979
2 x 3/8 x 1/4	60	40 m/s	15200 rpm	10	278984
2 x 3/8 x 1/4	80	40 m/s	15200 rpm	10	278985
2 x 1/2 x 1/4	40	40 m/s	15200 rpm	10	278991
2 x 1/2 x 1/4	60	40 m/s	15200 rpm	10	278992
2 x 1/2 x 1/4	80	40 m/s	15200 rpm	10	278993
2 x 1/2 x 1/4	120	40 m/s	15200 rpm	10	278995
2 x 3/4 x 1/4	40	40 m/s	15200 rpm	10	278999
2 x 3/4 x 1/4	60	40 m/s	15200 rpm	10	279000
2 x 3/4 x 1/4	80	40 m/s	15200 rpm	10	279001
2 x 3/4 x 1/4	120	40 m/s	15200 rpm	10	279003
2 x 1 x 1/4	40	40 m/s	15200 rpm	10	279008
2 x 1 x 1/4	60	40 m/s	15200 rpm	10	279011
2 x 1 x 1/4	80	40 m/s	15200 rpm	10	279013
2 x 1 x 1/4	100	40 m/s	15200 rpm	10	279015
2 x 1 x 1/4	120	40 m/s	15200 rpm	10	279017
2 x 1 x 1/4	180	40 m/s	15200 rpm	10	279019
2 x 1 x 1/4	240	40 m/s	15200 rpm	10	279020
2 x 1 x 1/4	320	40 m/s	15200 rpm	10	279021
2 x 1-1/2 x 1/4	40	40 m/s	15200 rpm	10	279022
2 x 1-1/2 x 1/4	60	40 m/s	15200 rpm	10	279023
2 x 1-1/2 x 1/4	80	40 m/s	15200 rpm	10	279024
2 x 1-1/2 x 1/4	120	40 m/s	15200 rpm	10	279026
2 x 2 x 1/4	40	40 m/s	15200 rpm	10	279031
2 x 2 x 1/4	60	40 m/s	15200 rpm	10	279032
2 x 2 x 1/4	80	40 m/s	15200 rpm	10	279033
2 x 2 x 1/4	120	40 m/s	15200 rpm	10	279035
2-1/2 x 1/2 x 1/4	60	40 m/s	12700 rpm	10	279041
2-1/2 x 1/2 x 1/4	80	40 m/s	12700 rpm	10	279042
2-1/2 x 1 x 1/4	40	40 m/s	12700 rpm	10	279058
2-1/2 x 1 x 1/4	60	40 m/s	12700 rpm	10	279061
2-1/2 x 1 x 1/4	80	40 m/s	12700 rpm	10	279063
2-1/2 x 1 x 1/4	120	40 m/s	12700 rpm	10	279154



# Small abrasive mop

## Abrasive mop



### ►► Continuation of KM 613, Small abrasive mop

Diameter x Width x Shaft	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
2-1/2 x 1-1/2 x 1/4	40	40 m/s	12700 rpm	10	279168
2-1/2 x 1-1/2 x 1/4	60	40 m/s	12700 rpm	10	279169
2-1/2 x 1-1/2 x 1/4	80	40 m/s	12700 rpm	10	279170
2-1/2 x 1-1/2 x 1/4	120	40 m/s	12700 rpm	10	279172
2-1/2 x 2 x 1/4	60	32 m/s	10150 rpm	10	279177
3 x 1/2 x 1/4	40	40 m/s	10150 rpm	10	279233
3 x 1/2 x 1/4	60	40 m/s	10150 rpm	10	279185
3 x 1/2 x 1/4	80	40 m/s	10150 rpm	10	279186
3 x 1/2 x 1/4	120	40 m/s	10150 rpm	10	279236
3 x 3/4 x 1/4	60	40 m/s	10150 rpm	10	279193
3 x 3/4 x 1/4	80	40 m/s	10150 rpm	10	279194
3 x 3/4 x 1/4	120	40 m/s	10150 rpm	10	279196
3 x 1 x 1/4	40	40 m/s	10150 rpm	10	279103
3 x 1 x 1/4	60	40 m/s	10150 rpm	10	279105
3 x 1 x 1/4	80	40 m/s	10150 rpm	10	279107
3 x 1 x 1/4	120	40 m/s	10150 rpm	10	279200
3 x 1 x 1/4	180	40 m/s	10150 rpm	10	279201
3 x 1 x 1/4	240	40 m/s	10150 rpm	10	303553
3 x 1 x 1/4	320	40 m/s	10150 rpm	10	303554
3 x 1-1/2 x 1/4	60	40 m/s	10150 rpm	10	279205
3 x 1-1/2 x 1/4	80	40 m/s	10150 rpm	10	279206
3 x 1-1/2 x 1/4	120	40 m/s	10150 rpm	10	279208
3 x 2 x 1/4	40	40 m/s	10150 rpm	10	279212
3 x 2 x 1/4	60	40 m/s	10150 rpm	10	279213
3 x 2 x 1/4	80	40 m/s	10150 rpm	10	279214
3 x 2 x 1/4	120	40 m/s	10150 rpm	10	279216

Small abrasive mop

## KM 615



**NEW** !

### Properties

Bonding agent Resin  
Grain Aluminium oxide

### Applications:

Stainless steel ●

**Advantages:** Cool grinding due to multibond - Increased removal rate on stainless steel



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 Width x Shaft	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
1-3/16 x 3/8 x 1/4	60	40 m/s	25400 rpm	10	253615
1-3/16 x 3/8 x 1/4	80	40 m/s	25400 rpm	10	253620
1-3/16 x 3/8 x 1/4	120	40 m/s	25400 rpm	10	253610
1-1/2 x 3/4 x 1/4	60	40 m/s	19000 rpm	10	253616



# Small abrasive mop

## Abrasive mop

### ►► Continuation of KM 615, Small abrasive mop

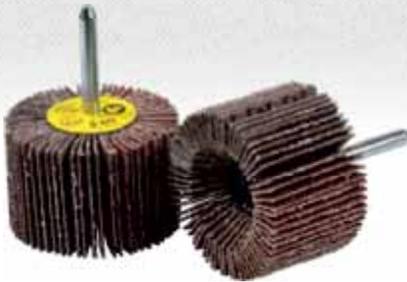
Diameter x Width x Shaft	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
1-1/2 x 3/4 x 1/4	80	40 m/s	19000 rpm	10	253621
1-1/2 x 3/4 x 1/4	120	40 m/s	19000 rpm	10	253611
2 x 3/4 x 1/4	60	40 m/s	15200 rpm	10	253617
2 x 3/4 x 1/4	80	40 m/s	15200 rpm	10	253622
2 x 3/4 x 1/4	120	40 m/s	15200 rpm	10	253612
2-1/2 x 1-3/16 x 1/4	60	40 m/s	12700 rpm	10	253618
2-1/2 x 1-3/16 x 1/4	80	40 m/s	12700 rpm	10	253623
2-1/2 x 1-3/16 x 1/4	120	40 m/s	12700 rpm	10	253613
3 x 1-1/2 x 1/4	60	40 m/s	9500 rpm	10	253619
3 x 1-1/2 x 1/4	80	40 m/s	9500 rpm	10	253624
3 x 1-1/2 x 1/4	120	40 m/s	9500 rpm	10	253614

Small abrasive mop, cup-shaped

## KMT 614



**NEW** !



#### Properties

Bonding agent	Resin
Grain	Aluminium oxide

#### Applications:

Metals	●
Wood	◐
Plastic	◑

**Advantages:** Can be used in radial and front position

### 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 Width x Shaft	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
2-1/2 x 1-1/2 x 1/4	40	40 m/s	12700 rpm	10	13194
2-1/2 x 1-1/2 x 1/4	60	40 m/s	12700 rpm	10	13195

# Small abrasive mop

Abrasive mop



Small finishing mop

## NCS 600



### Properties

Bonding agent	Resin
Grain	Aluminium oxide

### Applications:

Stainless steel	●
Metals	●
Plastic	○

**Advantages:** High removal rate and fine surface scratch pattern due to combination of non-woven and abrasive cloth flaps - Long Service life

Diameter x Width x Shaft	Grit	Grade	Colour	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
1-1/2 x 1 x 1/4	60	coarse	maroon	32 m/s	15200 rpm	10	299880
1-1/2 x 1 x 1/4	100	medium	maroon	32 m/s	15200 rpm	10	299881
2 x 1 x 1/4	60	coarse	maroon	32 m/s	12200 rpm	10	299882
2 x 1 x 1/4	100	medium	maroon	32 m/s	12200 rpm	10	299754
2 x 1 x 1/4	150	medium	maroon	32 m/s	12200 rpm	10	299170
2 x 1-3/16 x 1/4	60	coarse	maroon	32 m/s	12200 rpm	10	258932
2 x 1-3/16 x 1/4	100	medium	maroon	32 m/s	12200 rpm	10	258933
2 x 1-3/16 x 1/4	150	medium	maroon	32 m/s	12200 rpm	10	258934
2 x 1-3/16 x 1/4	240	very fine	maroon	32 m/s	12200 rpm	10	258935
2-3/8 x 1-3/16 x 1/4	60	coarse	maroon	32 m/s	10200 rpm	10	258936
2-3/8 x 1-3/16 x 1/4	100	medium	maroon	32 m/s	10200 rpm	10	258937
2-3/8 x 1-3/16 x 1/4	150	medium	maroon	32 m/s	10200 rpm	10	258938
2-3/8 x 1-3/16 x 1/4	240	very fine	maroon	32 m/s	10200 rpm	10	258939
2-3/8 x 2 x 1/4	60	coarse	maroon	32 m/s	10200 rpm	10	258940
2-3/8 x 2 x 1/4	100	medium	maroon	32 m/s	10200 rpm	10	258941
2-3/8 x 2 x 1/4	150	medium	maroon	32 m/s	10200 rpm	10	258942
2-3/8 x 2 x 1/4	240	very fine	maroon	32 m/s	10200 rpm	10	258943
3 x 2 x 1/4	60	coarse	maroon	32 m/s	7600 rpm	10	299500
3 x 2 x 1/4	100	medium	maroon	32 m/s	7600 rpm	10	299883
3 x 2 x 1/4	150	medium	maroon	32 m/s	7600 rpm	10	258946
3 x 2 x 1/4	240	very fine	maroon	32 m/s	7600 rpm	10	258947
4 x 2 x 1/4	60	coarse	maroon	32 m/s	6100 rpm	4	258948
4 x 2 x 1/4	100	medium	maroon	32 m/s	6100 rpm	4	258949
4 x 2 x 1/4	150	medium	maroon	32 m/s	6100 rpm	4	258950
4 x 2 x 1/4	240	very fine	maroon	32 m/s	6100 rpm	4	258951

# Small abrasive mop

Abrasive mop

Small finishing mop

## NFS 600



### Properties

Bonding agent	Resin
Grain	Aluminium oxide

### Applications:

Metals	●
Stainless steel	●

**Advantages:** Even finish throughout the entire service life - Optimal tool with high-quality non-woven flaps for creating a matt or satin finish

Diameter x Width x Shaft	Grade	Colour	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
1-1/2 x 1 x 1/4	fine	maroon	32 m/s	15200 rpm	10	299102
1-1/2 x 1 x 1/4	medium	maroon	32 m/s	15200 rpm	10	299905
1-1/2 x 1 x 1/4	very fine	maroon	32 m/s	15200 rpm	10	299906
2 x 1 x 1/4	fine	maroon	32 m/s	12200 rpm	10	299907
2 x 1 x 1/4	medium	maroon	32 m/s	12200 rpm	10	299908
3 x 2 x 1/4	medium	maroon	32 m/s	7600 rpm	10	297517
3 x 2 x 1/4	fine	maroon	32 m/s	7600 rpm	10	298428
3 x 2 x 1/4	very fine	maroon	32 m/s	7600 rpm	10	299406

# Notes



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# Abrasive mop wheels

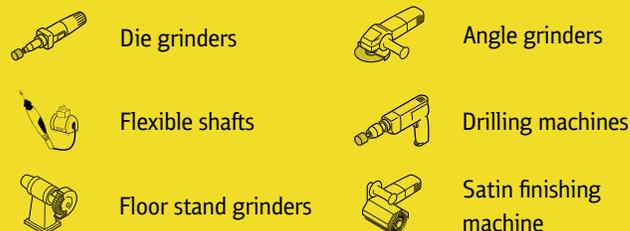
## About the product

Developed by Klingspor over 40 years ago, the abrasive mop wheel has found many practical and economical uses in surface finishing work. The Klingspor abrasive mop wheel comprises of high quality grinding flaps coated with aluminum oxide. The fan-shaped radial arrangement is firmly anchored by a resin core at the centre of the abrasive mop wheel. The structure of the abrasive mop wheel provides for very soft, comfortable grinding behaviour and adapts optimally to the contours of the workpiece. Klingspor abrasive mop wheels are especially suited for achieving a very smooth surface finish.

Klingspor has the perfect abrasive mop wheel to suit every surface, ranging from even to profiled surfaces, and is suited for nearly every material.

## Machines

Klingspor abrasive mop wheels can, depending on the dimensions, be used with the following machines:



## Minimum order quantities for non stock items

Product	Diameter	Minimum order quantities
<b>SM 611</b>	4" to 6-1/2"	20 pieces
<b>SM 611 W/H/S*</b>	8" to 12"	10 pieces
<b>WSM 617*</b>	14" to 16"	4 pieces
<b>NFW 600 / NCW 600</b>	4" to 6-1/2"	20 pieces
	8" to 12"	10 pieces
	14" to 16"	4 pieces

Product	Diameter	Minimum order quantities
<b>FSR 618</b>	6-1/2"	20 pieces
	8" to 12"	10 pieces
	14" to 16"	4 pieces
<b>MM 650</b>	4" to 6-1/2"	20 pieces
	8" to 12"	10 pieces
	>12"	4 pieces

\* Available dimensions on request



We reserve the right to over-deliver or under-deliver made to order items.

Type	Page	Material applications														Machine applications								
		Metal	Apparatus / container engineering	Precision engineering	Mould making	Fittings	Pipes	Profiled sections	Tools	Mountings	Cutlery	Wood	Contoured wood	Model construction	Profiled sections	Paint / varnish / fillers	Plastics	Flexible shafts	Drilling machines	Die grinders	Automatic grinders	Floor stand grinders	Angle grinders	Satin finishing machine
SM 611 W	176	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SM 611 H	177	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SM 611 S	183	●	●				●																	●
MM 630	179	●	○		○		○	○			●	●	●	●	●	○	●	●	●	●				
MM 650	178	●	●	○	○	○	○	●		○	●	●	●	●	●	○	●		●			●		
WSM 617	179	●	●	●	●	●	●	●	●	●	○	○	●	●	●	○	●						●	
FSR 618	180	●	○	●	●	●	●	●	●	●	○	○	○	○	○	○	●			●	●			
NCW 600	181	●	●	●	●	●	●	●	●	●						○	●		●					
NFW 600	181	●	●	●	●	●	●	●	●	●														
NCW 600 S	184	●	●				●																	●
NFW 600 S	185	●	●				●																	●

● = main application ○ = possible application

# Abrasive mop wheels

Applications guide



## Mounting

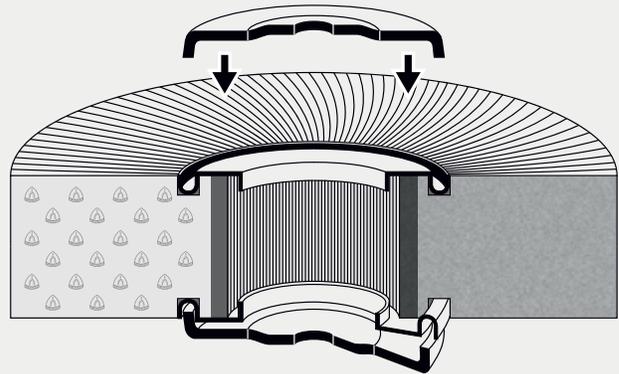
### **Abrasive mop wheels SM 611, MM 650, Abrasive cloth mop wheels NCW/NFW 600**

These abrasive mop wheels are mounted to the machine spindle with two SMD 612 mounting plates.

#### **Correct mounting is important**

To ensure that the abrasive mop wheel runs smoothly, please check that the mounting plates are mounted evenly and fit tightly to the inner edge of the metal side mounting plate retaining groove. The mounting plates are equipped with mounting bore holes. Making bore hole adjustments to fit the respective shaft diameter easy and quick – by simply drilling the appropriate bore hole diameter. Please refer to product text SMD 612 for more information on maximum bore hole diameters.

**The special abrasive mop and finishing mop models listed below are designed in such a way that they can be fitted on top of the respective machine shafts without any additional SMD 612 mounting plates.**



#### **Abrasive mop wheel SM 611 H**

The abrasive mop wheel with a wooden core is preferred for work on floor stand grinders with cone shaped mounting spindles. It can be mounted directly on the machine spindle without the use of a mounting plate. Abrasive mop wheel SM 611 H is equipped with a 1/2" bore hole. Making bore hole adjustments to fit the respective shaft diameter easy and quick - by simply drilling the appropriate bore hole diameter.



#### **Abrasive mop wheel SM 611 W**

This abrasive mop wheel is equipped with a 1" mounting bore hole and can be mounted to a machine without the use of a mounting plate.



#### **WSM 617**

WSM 617 is a second generation abrasive mop wheel with integrated M14 and 5/8" internal threads. This wheel can be mounted and demounted to an angle grinder without the use of any additional tools.



#### **Abrasive flap drum SM 611 S, Abrasive mop drum NCW / NFW 600 S**

These drums are equipped with mounting bore holes starting from 3/4" for all standard satin finishing machines with the corresponding machine spindles.

# Abrasive mop wheels

## Applications guide

### The surface scratch pattern

The abrasive mop wheel's construction makes it perfect for achieving a smooth surface finish.

The abrasive mop wheel achieves a significantly smoother surface finish compared to that of a belt grinder. When choosing a grit size please select a grit size that is 2-3 sizes coarser than that used with a belt grinder.



**Abrasive belt 40 grit**

- ▶ short distinctive line pattern
- ▶ rough surface
- ▶ high contrast finish



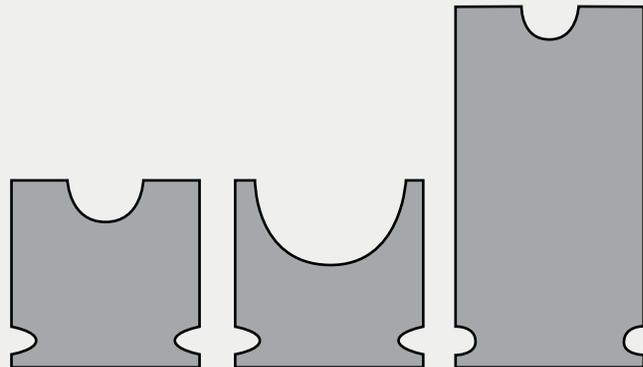
**Abrasive mop wheel 40 grit**

- ▶ long continuous line pattern
- ▶ minimum depression
- ▶ smooth finish

### Common profilings

Pre-profiled abrasive mop wheels are designed to adapt perfectly to the contours of your individual workpiece and provide excellent results from the very beginning. Time consuming pre-profiling of the abrasive mop is no longer needed.

If you require an individualised abrasive mop wheel, we would be pleased to assist you with this.



# Abrasive mop wheels

Applications guide



## Packet assembling

Another way to influence the grinding result is packet assembling. During packet assembling an intermediate layer is stamped between the cloth flaps. This creates space between the individual flaps, which influences the grinding behaviour of the wheel. The higher the ratio of grinding flaps to intermediate layers, the harder the abrasive mop wheel.

The standard abrasive mop wheel is manufactured without packet assembling.

Exception: Starting at a diameter of  $\geq 10''$  (250 mm), a width of  $\geq 2''$  (50 mm), and a grit size of 220 and finer, abrasive mop wheels are manufactured with a packet assembly ratio of 5:1.



5:1



3:1



1:1

## Factors influencing the grinding result

The surface finish is dependent upon a wide range of process parameters. The table below illustrates the different influencing factors and their affect on the grinding result.

Influencing factor	Grinding result			
		Stock removal*	Surface finish	Service life
Cutting rate	high	increases	finer	shorter
	low	decreases	coarser	longer
Tool / grinding pressure	high	increases	coarser	shorter
	marginal	decreases	finer	longer
Grit size	rough	increases	coarser	shorter
	fine	decreases	finer	longer
Grinding aids (oils, lubricants)	without	increases	coarser	shorter
	with	decreases	finer	longer

\* Note: the essential parameters that affect the stock removal rate are the selection of a coarser (more stock removal) or finer (less stock removal) grit.

## The safe use of Klingspor abrasives

Klingspor abrasive mops are manufactured in accordance with the oSa and EN 13743 standards, this ensures the highest level of user safety.



Wear safety goggles or glasses to protect the eyes



Wear safety gloves to protect hands



Wear a dust mask



Observe safety instructions



Use ear muffs



Do not use for wet grinding

# Abrasive mop wheels

## Abrasive mop

Abrasive mop

### SM 611 W



#### Properties

Bonding agent	Resin
Grain	Aluminium oxide

#### Applications:

Paint/Varnish/Filler	●
Wood	●
Plastic	●
Metals	●

**Advantages:** Even surface scratch pattern due to continuously fresh, unused abrasive grit - For universal use on all materials - Adapts optimally to workpiece contour

#### 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 Width x Bore	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
6 x 1 x 1	40	50 m/s	6300 rpm	5	290416
6 x 1 x 1	60	50 m/s	6300 rpm	5	280604
6 x 1 x 1	80	50 m/s	6300 rpm	5	280605
6 x 1 x 1	120	50 m/s	6300 rpm	5	280606
6 x 1 x 1	180	50 m/s	6300 rpm	5	288275
6 x 2 x 1	40	50 m/s	6300 rpm	3	289118
6 x 2 x 1	60	50 m/s	6300 rpm	3	280607
6 x 2 x 1	80	50 m/s	6300 rpm	3	280608
6 x 2 x 1	120	50 m/s	6300 rpm	3	289271
6 x 2 x 1	150	50 m/s	6300 rpm	3	295048
6 x 2 x 1	240	50 m/s	6300 rpm	3	320153
6 x 2 x 1	320	50 m/s	6300 rpm	3	295049

Accessories for SM 611

### SMD 254



**Advantages:** Secure mounting of the abrasive mop SM 611

Diameter x Bore	Suitable for	Packing unit/pcs.	Article number
1-3/16 x 1/2	SM 611	2	303780
1-3/16 x 5/8	SM 611	2	303781

# Abrasive mop wheels

Abrasive mop



Abrasive mop

## SM 611 H



### Properties

Bonding agent	Resin
Grain	Aluminium oxide

### Applications:

Paint/Varnish/Filler	●
Wood	●
Plastic	●
Metals	●

**Advantages:** Wooden core with mounting bore diameter of 1/2" for fast mounting - Can be used without mounting plate SMD 612 - Enlargement of the mounting bore is relatively uncomplicated

### 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 Width x Bore	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
6-1/2 x 1 x 1/2	40	50 m/s	5800 rpm	5	10030
6-1/2 x 1 x 1/2	60	50 m/s	5800 rpm	5	10005
6-1/2 x 1 x 1/2	80	50 m/s	5800 rpm	5	10004
6-1/2 x 1 x 1/2	120	50 m/s	5800 rpm	5	10006
6-1/2 x 1 x 1/2	240	50 m/s	5800 rpm	5	10027
6-1/2 x 2 x 1/2	40	50 m/s	5800 rpm	3	10022
6-1/2 x 2 x 1/2	60	50 m/s	5800 rpm	3	10017
6-1/2 x 2 x 1/2	80	50 m/s	5800 rpm	3	10018
6-1/2 x 2 x 1/2	120	50 m/s	5800 rpm	3	15990

# Abrasive mop wheels

## Abrasive mop

Abrasive mop

### MM 650



#### Properties

Bonding agent	Resin
Grain	Aluminium oxide

#### Applications:

Paint/Varnish/Filler	●
Wood	●
Metals	●
Plastic	○

**Advantages:** Very suitable for workpieces with high profiles due to grinding flaps with longitudinal slots - Produces a very fine surface

#### 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 Width x Bore	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
10 x 2 x 1-11/16	80	32 m/s	2450 rpm	2	2750
10 x 2 x 1-11/16	100	32 m/s	2450 rpm	2	2486
10 x 2 x 1-11/16	120	32 m/s	2450 rpm	2	2485
10 x 2 x 1-11/16	150	32 m/s	2450 rpm	2	2483
10 x 2 x 1-11/16	180	32 m/s	2450 rpm	2	2482
10 x 4 x 1-11/16	80	32 m/s	2450 rpm	1	10210
10 x 4 x 1-11/16	120	32 m/s	2450 rpm	1	2740
10 x 4 x 1-11/16	150	32 m/s	2450 rpm	1	2741
10 x 4 x 1-11/16	180	32 m/s	2450 rpm	1	2742

# Abrasive mop wheels

Abrasive mop



Abrasive mop

## MM 630



### Properties

Bonding agent	Resin
Grain	Aluminium oxide

### Applications:

Paint/Varnish/Filler	●
Wood	●
Metals	●
Plastic	○

**Advantages:** Very suitable for workpieces with high profiles due to grinding flaps with longitudinal slots - For use on hand operated machines - Fine surface pattern

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 Width x Shaft	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
7 x 1 x 1/4	80	40 m/s	4200 rpm	2	262630
7 x 1 x 1/4	120	40 m/s	4200 rpm	2	262631
7 x 1 x 1/4	180	40 m/s	4200 rpm	2	262632
7 x 2 x 1/4	80	40 m/s	4200 rpm	2	262634
7 x 2 x 1/4	120	40 m/s	4200 rpm	2	262635
7 x 2 x 1/4	180	40 m/s	4200 rpm	2	262636

Angle grinder mop

## WSM 617



### Properties

Bonding agent	Resin
Grain	Aluminium oxide

### Applications:

Steel	●	Wood	●
Stainless steel	●		
Paint	●		
Plastic	●		

**Advantages:** Can be used on all standard angle grinders (80 m/s) - For universal use; in front and side position - Easy tool changing by hand without additional aids

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
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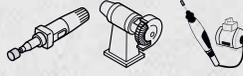
Diameter x Width	Grit	Arbor	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
5 x 3/4	40	5/8-11 thread	80 m/s	12200 rpm	2	280236
5 x 3/4	60	5/8-11 thread	80 m/s	12200 rpm	2	280237
5 x 3/4	80	5/8-11 thread	80 m/s	12200 rpm	2	280238

# Abrasive mop wheels

Abrasive mop

Pleated mop

## FSR 618



### Properties

Bonding agent	Resin
Grain	Aluminium oxide

### Applications:

Metals	●
Wood	○
Paint/Varnish/Filler	○
Plastic	○

**Advantages:** Pleated mop wheel consisting of pleated aluminium oxide cloth flaps allows easy access to joints, grooves and slots - Very large Immersion depth

### 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 Bore	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number														
6-1/2 x 9/16	40	50 m/s	5800 rpm	10	10187														
6-1/2 x 9/16	60	50 m/s	5800 rpm	10	5830														
6-1/2 x 9/16	80	50 m/s	5800 rpm	10	5831														
6-1/2 x 9/16	150	50 m/s	5800 rpm	10	25998														
6-1/2 x 9/16	220	50 m/s	5800 rpm	10	26033														

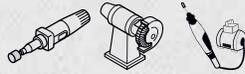
# Finishing mop

Abrasive mop



Abrasive mop

## NCW 600



### Properties

Bonding agent	Resin
Grain	Aluminium oxide

### Applications:

Stainless steel	●
Metals	●
Plastic	○

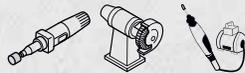
**Advantages:** High removal rate and fine surface scratch pattern due to combination of non-woven and abrasive cloth flaps - Long service life

Diameter x Width x Bore	Grit	Grade	Colour	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
6-1/2 x 2 x 1-11/16	80	coarse	maroon	32 m/s	3700 rpm	3	258909
6-1/2 x 2 x 1-11/16	100	medium	maroon	32 m/s	3700 rpm	3	258910
6-1/2 x 2 x 1-11/16	150	medium	maroon	32 m/s	3700 rpm	3	258911
6-1/2 x 2 x 1-11/16	180	very fine	maroon	32 m/s	3700 rpm	3	258912
7-7/8 x 2 x 2-11/16	80	coarse	maroon	32 m/s	3050 rpm	2	258913
7-7/8 x 2 x 2-11/16	100	medium	maroon	32 m/s	3050 rpm	2	258914
7-7/8 x 2 x 2-11/16	150	medium	maroon	32 m/s	3050 rpm	2	258915

Use only with mounting plate SMD 612 (page 182)!

Nylon webbed mop

## NFW 600



### Properties

Bonding agent	Resin
Grain	Aluminium oxide

### Applications:

Metals	●
Stainless steel	●

**Advantages:** Even finish throughout the entire service life - Optimal tool with high-quality non-woven flaps for creating a matte or satin finish

Diameter x Width x Bore	Grade	Colour	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
6-1/2 x 2 x 1-11/16	coarse	maroon	32 m/s	3700 rpm	3	258898
6-1/2 x 2 x 1-11/16	very fine	maroon	32 m/s	3700 rpm	3	258900
7-7/8 x 2 x 2-11/16	coarse	maroon	32 m/s	3050 rpm	2	258901
7-7/8 x 2 x 2-11/16	medium	maroon	32 m/s	3050 rpm	2	258902
7-7/8 x 2 x 2-11/16	very fine	maroon	32 m/s	3050 rpm	2	258903

Use only with mounting plate SMD 612 (page 182)!

# Mounting plate

Mounting plate

## SMD 612



**Advantages:** Ensures a smooth running and the safe mounting on the machine

Diameter x Bore	Suitable for	Max. enlargement of bore	Packing unit/pcs.	Article number
3-1/8 x 1/2	SM 611/NCW/NFW 600 (Ø150+Ø165)	1-1/2"	2	14823
4-3/4 x 9/16	SM 611/NCW/NFW 600 (Ø200+Ø250)	2"	2	14824

# Abrasive flap drums

Abrasive mop



Satin finishing drum

## SM 611 S



### Properties

Bonding agent	Resin
Grain	Aluminium oxide

### Applications:

Paint/Varnish/Filler	●
Wood	●
Plastic	●
Metals	●

**Advantages:** Even surface scratch pattern - Special product for fine surface finishing

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 Width x Bore	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4 x 2 x 3/4	40	19 m/s	3700 rpm	3	60868
4 x 2 x 3/4	60	19 m/s	3700 rpm	3	60899
4 x 2 x 3/4	80	19 m/s	3700 rpm	3	60943
4 x 2 x 3/4	120	19 m/s	3700 rpm	3	61045
4 x 4 x 3/4	40	19 m/s	3700 rpm	1	83167
4 x 4 x 3/4	60	19 m/s	3700 rpm	1	7325
4 x 4 x 3/4	80	19 m/s	3700 rpm	1	7326
4 x 4 x 3/4	120	19 m/s	3700 rpm	1	93076
4 x 4 x 3/4	180	19 m/s	3700 rpm	1	93021
4 x 4 x 3/4	240	19 m/s	3700 rpm	1	104999

Adapter AS 612 for 5/8-11 thread required (part number 357434)

# Abrasive flap drums

## Abrasive mop

Satin finishing drum

### NCW 600 S



#### Properties

Bonding agent	Resin
Grain	Aluminium oxide

#### Applications:

Stainless steel	●
Metals	●
Plastic	○

**Advantages:** High removal rate and fine surface scratch pattern due to combination of non-woven and abrasive cloth flaps - Long service life

Diameter x Width x Bore	Grit	Grade	Colour	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4 x 2 x 3/4	80	coarse	maroon	19 m/s	3700 rpm	3	259896
4 x 2 x 3/4	100	medium	maroon	19 m/s	3700 rpm	3	259897
4 x 2 x 3/4	150	medium	maroon	19 m/s	3700 rpm	3	259898
4 x 2 x 3/4	180	very fine	maroon	19 m/s	3700 rpm	3	259899
4 x 4 x 3/4	80	coarse	maroon	19 m/s	3700 rpm	1	258905
4 x 4 x 3/4	100	medium	maroon	19 m/s	3700 rpm	1	258906
4 x 4 x 3/4	150	medium	maroon	19 m/s	3700 rpm	1	258907
4 x 4 x 3/4	180	very fine	maroon	19 m/s	3700 rpm	1	258908
4-5/16 x 4 x 3/4	80	coarse	maroon	19 m/s	3300 rpm	1	320246
4-5/16 x 4 x 3/4	100	medium	maroon	19 m/s	3300 rpm	1	320247
4-5/16 x 4 x 3/4	150	medium	maroon	19 m/s	3300 rpm	1	320248
4-5/16 x 4 x 3/4	180	very fine	maroon	19 m/s	3300 rpm	1	320249

**Adapter AS 612 for 5/8-11 thread required (part number 357434)**

# Abrasive flap drums / Adapter for satin finishing drums



Satin finishing drum

## NFW 600 S



### Properties

Bonding agent	Resin
Grain	Aluminium oxide

### Applications:

Metals	●
Stainless steel	●

**Advantages:** Even finish throughout the entire service life - Optimal tool with high-quality non-woven flaps for creating a matte or satin finish

Diameter x Width x Bore	Grade	Colour	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4 x 2 x 3/4	coarse	maroon	19 m/s	3700 rpm	3	259853
4 x 2 x 3/4	medium	maroon	19 m/s	3700 rpm	3	259854
4 x 2 x 3/4	very fine	maroon	19 m/s	3700 rpm	3	259895
4 x 4 x 3/4	coarse	maroon	19 m/s	3700 rpm	1	258895
4 x 4 x 3/4	medium	maroon	19 m/s	3700 rpm	1	258896
4 x 4 x 3/4	very fine	maroon	19 m/s	3700 rpm	1	258897
4-5/16 x 4 x 3/4	coarse	maroon	19 m/s	3300 rpm	1	320253
4-5/16 x 4 x 3/4	medium	maroon	19 m/s	3300 rpm	1	320254
4-5/16 x 4 x 3/4	very fine	maroon	19 m/s	3300 rpm	1	320255

**Adapter AS 612 for 5/8-11 thread required (part number 357434)**

Adapter

## AS 612



**Advantages:** Steel adapter for mounting satin finishing wheels - Provides perfect fit and security

Width x Lengths x Height	Mounting	Packing unit/pcs.	Article number
1-1/2 x 4-1/2 x 1-1/2	5/8-11 thread	1	357434



# Fibre discs



## About the product

Klingspor fibre discs have high material removal rates and service life, producing 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 fibre discs are outstanding for rough grinding and sanding, de-rusting metal parts, deburring and grinding welded seams. These discs are also suitable for precision finishing work on metals.

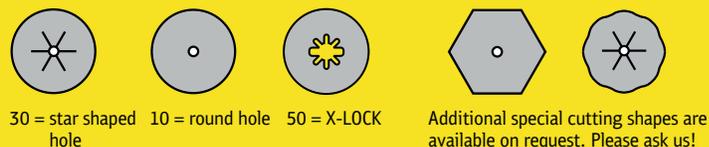
The state-of-the-art laser cutting technology allows special shapes for specific applications.

## Quality and performance

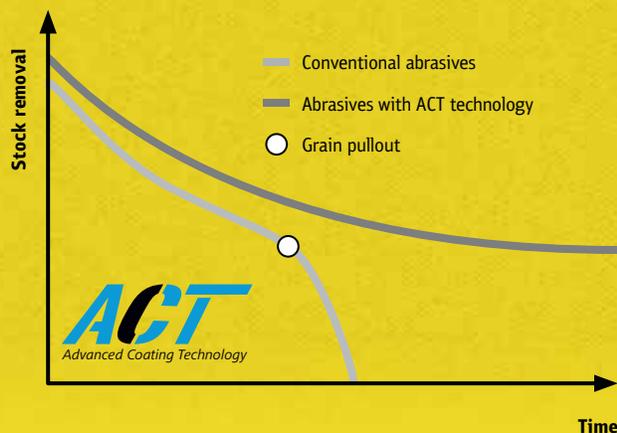
- ▶ Low clogging rate
- ▶ Market leading service life
- ▶ Even grinding finish
- ▶ Cool grinding

## Hole pattern for fibre discs

### Standard stock pattern



**Please contact us for pricing and availability of non stock items.**



### ACT-Advanced Coating Technology:

Provides a significantly higher grit adhesion, when working on metal with fibre discs. This significantly increases the life

Applications Fibre Discs

Application	Type	Grain	Backing	Coating	Characteristics	Page
Steel / NF metals	<b>CS 561</b>	Aluminium oxide	Fibre	●	Abrasive fibre disc for working on steel and NF metals	<b>188</b>
	<b>CS 565</b>	Zirconia alumina	Fibre	●	Abrasive fibre disc with high stock removal rate for rough grinding and deburring of steel and stainless steel	<b>190</b>
Steel / Stainless steel	<b>FS 964 ACT</b>	Ceramic aluminium oxide	Fibre	●	Premium fibre disc with micro-crystalline, self-sharpening ceramic grit delivering superior aggressiveness and removal on construction steel and high alloy steels. Outstanding grit adhesion and service life thanks to Advanced Coating Technology	<b>192</b>
Stainless steel	<b>CS 570</b>	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	<b>191</b>
	<b>FS 966 ACT</b>	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 Advanced Coating Technology	<b>193</b>

● = close    ● = semi-open    ○ = open

# Fibre discs

## Coated abrasives

Abrasive fibre disc

### CS 561



#### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close

#### Applications:

Steel	●	Stainless steel	○
NF metals	●	Wood	○
Metals	●		
Plastic	○		

**Advantages:** For universal use - Largest selection of diameters, grit sizes and hole patterns

#### 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	Grit	Hole pattern	Packing unit/pcs.	Article number
4 x 5/8	16	⊙ 10	25	65708
4 x 5/8	24	⊙ 10	25	65713
4 x 5/8	36	⊙ 10	25	65718
4 x 5/8	40	⊙ 10	25	65720
4 x 5/8	50	⊙ 10	25	65725
4 x 5/8	60	⊙ 10	25	65730
4 x 5/8	80	⊙ 10	25	65735
4-1/2 x 7/8	16	⊗ 30	25	10977
4-1/2 x 7/8	24	⊗ 30	25	10978
4-1/2 x 7/8	36	⊗ 30	25	10980
4-1/2 x 7/8	40	⊗ 30	25	10981
4-1/2 x 7/8	50	⊗ 30	25	10982
4-1/2 x 7/8	60	⊗ 30	25	10983
4-1/2 x 7/8	80	⊗ 30	25	10984
4-1/2 x 7/8	100	⊗ 30	25	10985
4-1/2 x 7/8	120	⊗ 30	25	10986
4-1/2 x 7/8	180	⊗ 30	25	10988
4-1/2 x 7/8	220	⊗ 30	25	10989
4-1/2 x 7/8	240	⊗ 30	25	10990
4-1/2 x 7/8	320	⊗ 30	25	10992
4-1/2 x 7/8 x 22 X-LOCK	24	⊗ 50	25	351150
4-1/2 x 7/8 x 22 X-LOCK	36	⊗ 50	25	351147
4-1/2 x 7/8 x 22 X-LOCK	40	⊗ 50	25	351149
4-1/2 x 7/8 x 22 X-LOCK	60	⊗ 50	25	351148
4-1/2 x 7/8 x 22 X-LOCK	80	⊗ 50	25	351146
5 x 7/8	16	⊗ 30	25	11009
5 x 7/8	24	⊗ 30	25	11010
5 x 7/8	36	⊗ 30	25	11012
5 x 7/8	40	⊗ 30	25	11013
5 x 7/8	50	⊗ 30	25	11014



# Fibre discs

## Coated abrasives



### ►► Continuation of CS 561, Abrasive fibre disc

Diameter x Hole	Grit	Hole pattern	Packing unit/pcs.	Article number
5 x 7/8	60	⊗ 30	25	11015
5 x 7/8	80	⊗ 30	25	11016
5 x 7/8	100	⊗ 30	25	11017
5 x 7/8	120	⊗ 30	25	11018
5 x 7/8	150	⊗ 30	25	11019
5 x 7/8	180	⊗ 30	25	11020
5 x 7/8	220	⊗ 30	25	11021
5 x 7/8	240	⊗ 30	25	11022
5 x 7/8	320	⊗ 30	25	11024
5 x 7/8 x 22 X-LOCK	24	⊗ 50	25	351145
5 x 7/8 x 22 X-LOCK	36	⊗ 50	25	351144
5 x 7/8 x 22 X-LOCK	40	⊗ 50	25	351143
5 x 7/8 x 22 X-LOCK	60	⊗ 50	25	351139
5 x 7/8 x 22 X-LOCK	80	⊗ 50	25	351142
6 x 7/8	24	⊗ 30	25	11042
6 x 7/8	36	⊗ 30	25	11044
6 x 7/8	40	⊗ 30	25	11045
6 x 7/8	60	⊗ 30	25	11047
6 x 7/8	80	⊗ 30	25	11048
6 x 7/8	120	⊗ 30	25	11050
7 x 7/8	16	⊗ 30	25	11057
7 x 7/8	24	⊗ 30	25	11058
7 x 7/8	36	⊗ 30	25	11060
7 x 7/8	40	⊗ 30	25	11061
7 x 7/8	50	⊗ 30	25	11062
7 x 7/8	60	⊗ 30	25	11063
7 x 7/8	80	⊗ 30	25	11064
7 x 7/8	100	⊗ 30	25	11065
7 x 7/8	120	⊗ 30	25	11066
7 x 7/8	180	⊗ 30	25	11068
7 x 7/8	240	⊗ 30	25	11070
7 x 7/8	320	⊗ 30	25	11072
9-1/4 x 7/8	24	⊙ 10	25	66497
9-1/4 x 7/8	36	⊙ 10	25	66502
9-1/4 x 7/8	40	⊙ 10	25	66504
9-1/4 x 7/8	60	⊙ 10	25	66511
9-1/4 x 7/8	80	⊙ 10	25	66514

Dispenser see page 195 / Back-up pads see page 194-195.

# Fibre discs

## Coated abrasives

Abrasive fibre disc

### CS 565



#### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Close

#### Applications:

Stainless steel	●
Steel	●
Metals	●

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

#### 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
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Diameter x Hole	Grit	Hole pattern	Packing unit/pcs.	Article number
4-1/2 x 7/8	24	⊗ 30	25	95335
4-1/2 x 7/8	36	⊗ 30	25	6686
4-1/2 x 7/8	40	⊗ 30	25	242801
4-1/2 x 7/8	50	⊗ 30	25	92066
4-1/2 x 7/8	60	⊗ 30	25	6687
4-1/2 x 7/8	80	⊗ 30	25	6688
4-1/2 x 7/8	100	⊗ 30	25	204609
4-1/2 x 7/8 x 22 X-LOCK	24	⊗ 50	25	351141
4-1/2 x 7/8 x 22 X-LOCK	36	⊗ 50	25	351140
4-1/2 x 7/8 x 22 X-LOCK	40	⊗ 50	25	351154
4-1/2 x 7/8 x 22 X-LOCK	60	⊗ 50	25	351160
4-1/2 x 7/8 x 22 X-LOCK	80	⊗ 50	25	351159
5 x 7/8	24	⊗ 30	25	97643
5 x 7/8	36	⊗ 30	25	6620
5 x 7/8	40	⊗ 30	25	242803
5 x 7/8	50	⊗ 30	25	93054
5 x 7/8	60	⊗ 30	25	6721
5 x 7/8	80	⊗ 30	25	23005
5 x 7/8	100	⊗ 30	25	204611
5 x 7/8 x 22 X-LOCK	24	⊗ 50	25	351158
5 x 7/8 x 22 X-LOCK	36	⊗ 50	25	351161
5 x 7/8 x 22 X-LOCK	40	⊗ 50	25	351157
5 x 7/8 x 22 X-LOCK	60	⊗ 50	25	351156
5 x 7/8 x 22 X-LOCK	80	⊗ 50	25	351155
7 x 7/8	24	⊗ 30	25	95993
7 x 7/8	36	⊗ 30	25	65703
7 x 7/8	40	⊗ 30	25	242807
7 x 7/8	50	⊗ 30	25	93045

Dispenser see page 195 / Back-up pads see page 194-195.

# Fibre discs

## Coated abrasives



Abrasive fibre disc, multibond

### CS 570



#### Properties

Bonding agent	Resin
Grain	Zirconia alumina
Coating	Close

#### Applications:

Stainless steel	●
Aluminium	●
NF metals	○

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

#### 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
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Diameter x Hole	Grit	Hole pattern	Packing unit/pcs.	Article number
4-1/2 x 7/8	24	⊗ 30	25	204085
4-1/2 x 7/8	36	⊗ 30	25	204086
4-1/2 x 7/8	40	⊗ 30	25	250258
4-1/2 x 7/8	50	⊗ 30	25	204087
4-1/2 x 7/8	60	⊗ 30	25	204088
4-1/2 x 7/8	80	⊗ 30	25	204089
4-1/2 x 7/8	100	⊗ 30	25	204090
4-1/2 x 7/8	120	⊗ 30	25	204091
5 x 7/8	24	⊗ 30	25	204092
5 x 7/8	36	⊗ 30	25	204093
5 x 7/8	40	⊗ 30	25	250259
5 x 7/8	50	⊗ 30	25	204094
5 x 7/8	60	⊗ 30	25	204095
5 x 7/8	80	⊗ 30	25	204096
5 x 7/8	100	⊗ 30	25	204097
5 x 7/8	120	⊗ 30	25	204098
7 x 7/8	24	⊗ 30	25	204099
7 x 7/8	36	⊗ 30	25	204100
7 x 7/8	40	⊗ 30	25	250260
7 x 7/8	60	⊗ 30	25	204102
7 x 7/8	80	⊗ 30	25	204103
7 x 7/8	120	⊗ 30	25	204105

Dispenser see page 195 / Back-up pads see page 194-195.

# Fibre discs

## Coated abrasives

Abrasive fibre disc

### FS 964 ACT



**NEW** !



**Properties**

Bonding agent	Resin
Grain	Ceramic Al. oxide
Coating	Close

**Applications:**

Steel	●
Stainless steel	●

**Advantages:** Premium product with excellent performance for working on steel - Micro-crystalline self-sharpening effect - High aggressiveness thanks to self-sharpening, aggressive ceramic grains throughout the service life - Outstanding grit adhesion - Advanced coating technology (ACT) for extraordinary grain adhesion and extended service life

**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
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Diameter x Hole	Grit	Hole pattern	Packing unit/pcs.	Article number
4-1/2 x 7/8	24	⊗ 30	25	330478
4-1/2 x 7/8	36	⊗ 30	25	330498
4-1/2 x 7/8	40	⊗ 30	25	330482
4-1/2 x 7/8	50	⊗ 30	25	330480
4-1/2 x 7/8	60	⊗ 30	25	330479
4-1/2 x 7/8	80	⊗ 30	25	330481
4-1/2 x 7/8	120	⊗ 30	25	330483
5 x 7/8	24	⊗ 30	25	330484
5 x 7/8	36	⊗ 30	25	330485
5 x 7/8	40	⊗ 30	25	330486
5 x 7/8	50	⊗ 30	25	330488
5 x 7/8	60	⊗ 30	25	330487
5 x 7/8	80	⊗ 30	25	330490
5 x 7/8	120	⊗ 30	25	330491
7 x 7/8	24	⊗ 30	25	330489
7 x 7/8	36	⊗ 30	25	330492
7 x 7/8	40	⊗ 30	25	330493
7 x 7/8	50	⊗ 30	25	330494
7 x 7/8	60	⊗ 30	25	330495
7 x 7/8	80	⊗ 30	25	330496

Dispenser see page 195 / Back-up pads see page 194-195.

# Fibre discs

## Coated abrasives



Abrasive fibre disc, multibond

### FS 966 ACT



#### Properties

Bonding agent	Resin
Grain	Ceramic Al. oxide
Coating	Close

#### Applications:

Stainless steel	●
-----------------	---

**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

#### 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	Grit	Hole pattern	Packing unit/pcs.	Article number
4-1/2 x 7/8	24	⊗ 30	25	318532
4-1/2 x 7/8	36	⊗ 30	25	316490
4-1/2 x 7/8	40	⊗ 30	25	316491
4-1/2 x 7/8	50	⊗ 30	25	318504
4-1/2 x 7/8	60	⊗ 30	25	316492
4-1/2 x 7/8	80	⊗ 30	25	316493
4-1/2 x 7/8	120	⊗ 30	25	324237
4-1/2 x 7/8 x 22 X-LOCK	40	⊗ 50	25	351166
4-1/2 x 7/8 x 22 X-LOCK	60	⊗ 50	25	351167
4-1/2 x 7/8 x 22 X-LOCK	80	⊗ 50	25	351165
5 x 7/8	24	⊗ 30	25	318305
5 x 7/8	36	⊗ 30	25	316494
5 x 7/8	40	⊗ 30	25	316495
5 x 7/8	50	⊗ 30	25	318655
5 x 7/8	60	⊗ 30	25	316496
5 x 7/8	80	⊗ 30	25	316497
5 x 7/8	120	⊗ 30	25	324239
5 x 7/8 x 22 X-LOCK	40	⊗ 50	25	351164
5 x 7/8 x 22 X-LOCK	60	⊗ 50	25	351163
5 x 7/8 x 22 X-LOCK	80	⊗ 50	25	351162
6 x 7/8	24	⊗ 30	25	327163
7 x 7/8	24	⊗ 30	25	318352
7 x 7/8	36	⊗ 30	25	316498
7 x 7/8	40	⊗ 30	25	316499
7 x 7/8	50	⊗ 30	25	316500
7 x 7/8	60	⊗ 30	25	316501
7 x 7/8	80	⊗ 30	25	316502
7 x 7/8	120	⊗ 30	25	324238

Dispenser see page 195 / Back-up pads see page 194-195.

# Back-up pads

Back-up pad

## ST 358



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

Diameter	Thread/Shaft	Suitable for	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 X-LOCK	X-LOCK	Ø 4-1/2 x 7/8 X-Lock	80 m/s	13300 rpm	1	352049
5 X-LOCK	X-LOCK	Ø 5 x 7/8 X-Lock	80 m/s	12200 rpm	1	352048

Back-up pad

## ST 358 A



**Advantages:** For rough grinding - Cool grinding - Increased aggressiveness due to hard, ribbed abrasive surface - High temperature resistance and stability

Diameter	Thread/Shaft	Suitable for	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 X-LOCK	X-LOCK	Ø 4-1/2 x 7/8 X-Lock	80 m/s	13300 rpm	1	352047
5 X-LOCK	X-LOCK	Ø 5 x 7/8 X-Lock	80 m/s	12200 rpm	1	352046



Back-up pad

## ST 358 C



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

Diameter	Thread/Shaft	Max. operating speed	Density	Max. RPM	Packing unit/pcs.	Article number
4-1/2	5/8-11 thread	80 m/s	medium	13300 rpm	1	303782
5	5/8-11 thread	80 m/s	medium	12200 rpm	1	303783
7	5/8-11 thread	80 m/s	medium	8500 rpm	1	303784

Back-up pad

## ST 358 CS



**Advantages:** Increases air flow between the disc and back-up pad - Slots reduce heat and extend disc life - Includes retaining nut

Diameter	Thread/Shaft	Max. operating speed	Density	Max. RPM	Packing unit/pcs.	Article number
4-1/2	5/8-11 thread	80 m/s	medium	13300 rpm	1	305849
5	5/8-11 thread	80 m/s	medium	12200 rpm	1	306080
7	5/8-11 thread	80 m/s	medium	8500 rpm	1	304811

Dispenser for fibre discs

## FS 555



**Advantages:** Easy stacking and removal of up to 100 fibre discs with 4-1/2 – 7" diameter - Organized and accessible storage at the workplace

**Fibre discs not included**

Width x Length x Height	Packing unit/pcs.	Article number
6-11/16 x 5-1/2 x 7-11/16	1	316463



# Abrasive mop disc



## About the product

Since their market launch, the Klingspor abrasive mop disc has successfully taken the place of the grinding disc in many areas of surface finishing. The performance of the abrasive mop disc, with its fan-shaped radial arrangement of cloth grinding flaps, far exceeds that of other abrasive products.

Klingspor abrasive mop discs are made of zirconia alumina, ceramic, or aluminum oxide coated flaps that are fastened to glass fibre-reinforced or plastic backing plates. The even arrangement of the flaps guarantees high flexibility, constant high grinding performance and low vibrations.

## Minimum order quantities for non-stock items

Diameter	Minimum order quantities
up to 6" (150 mm)	320 pieces
7" (180 mm)	160 pieces

Type	Material	Material						Application						Page		
		Steel	Stainless steel	High alloy stainless steel	NF metals	Aluminium	Wood	Plastics	Paint / varnish / filler	Surface grinding	Welded seam work	Edge work; bevelling	Concave fillet weld work		Rust and varnish removal	Heat tinting and oxide film removal
SMT 314 EXTRA		●			●	●	○									202
SMT 324 EXTRA		●	●	●					●							203
SMT 324 EXTRA		●	●	●						●	●					203
SMT 325 EXTRA		●	●	●					●							204
SMT 325 EXTRA		●	●	●						●	●					204
SMT 524 ACCU		●	●	●						●	●					205
SMT 624 SUPRA		●	●	●						●	●					206
SMT 626 SUPRA		●	●	●						●	●					207
SMT 628 SUPRA		●	●	●					●							208
SMT 636 SUPRA			●	●	●	●			●							209
SMT 636 SUPRA			●	●	●	●				●	●					209
SMT 644 SUPRA		●	●	●					●							210
SMT 644 SUPRA		●	●	●						●	●					210
SMT 940 SPECIAL		●	●	●					●	●						213
SMT 800 SPECIAL			●	●					●				●	●		214
SMT 850 plus SPECIAL			●	●						●						214
SMT 924 SPECIAL		●	●							●	●					211
SMT 925 SPECIAL		●	●	●					●							211
SMT 925 SPECIAL		●	●	●						●	●					211
SMT 926 SPECIAL		●	●	●						●	●					212
SMT 996 SPECIAL			●	●					●							213
SMT 996 SPECIAL			●	●						●	●					213
CMT 726 SUPRA		●	●	●						●	●					216
CMT 728 SUPRA		●	●	●					●							216
CMT 800 SPECIAL			●	●					●				●	●		217
MFW 600		●	●	●								●				215
NCD 200		●	○	●	●	●	●	●					●	●		218
PW 2000		●	●	●	●	●	●	●					●	●		219
NUD 500			●	●					●					●		218

● = main application ○ = possible application

# Abrasive mop disc

## Applications guide

### 1. Red bar

Label indicates the max. peripheral speed of 80 m/s

### 2. Safety recommendations

oSa label

### 3. Dimensions

Product dimensions in millimeter and inch

### 4. Punch ring

Manufacturer information, no expiry date!

### 5. Grit size

### 6. Cat. number

### 7. Safety recommendations

Language neutral pictograms

### 8. Quality class

Extra/Supra/Special

### 9. Product name

Type



## Product groups

Klingspor offers three integrated product groups. For each user and application we offer the right abrasive mop disc. All abrasive mop discs are manufactured according to the applicable standards and guarantee the highest degree of safety.



### EXTRA

Ideal price-performance ratio for universal implementation. Excellent grinding results on different steel materials.



### SUPRA

Professional products with excellent service life and high stock removal rate. Aggressive grinding and long service life.



### SPECIAL

High performance products for special industrial and trade applications. High performance and service life even when used intensively.

# Abrasive mop disc

## Applications guide



## Product structure

The three abrasive mop disc components are perfectly integrated to achieve maximum performance.

### 1. Grinding flaps

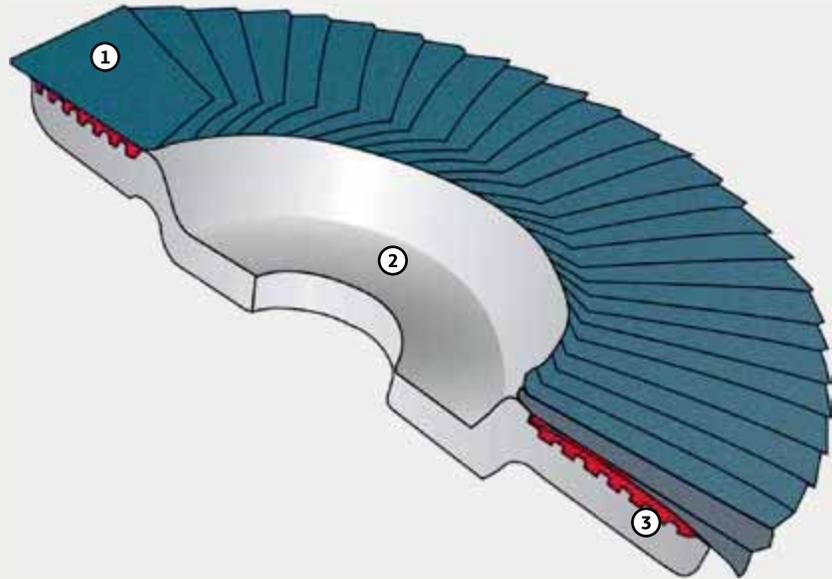
Klingspor has developed special coated abrasives for its abrasive mop discs. The grinding tool is perfect for use with high speed angle grinders (80 m/s) and corresponding applications. This ensures top grinding performance and long service life.

### 2. Backing plate

Klingspor uses two different backing plate types to produce abrasive mop discs. The first one is the most popular on the market made of glass fibre; the second one is made of plastic.

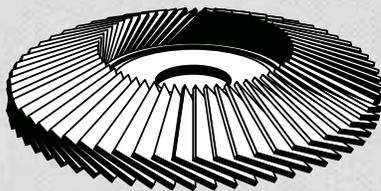
### 3. Glue

The glue (adhesive) is the joint between the backing plate and the grinding flaps. It ensures that the grinding flaps cannot come off the backing plate if used properly. It also ensures safety far above the guidelines of the oSa directives and the EN 13743 safety standard.

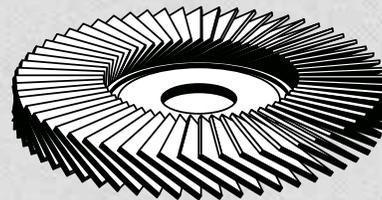


## Form

The convex abrasive mop disc grinds a narrower surface than the flat abrasive mop disc. The more selective use of the convex disc achieves a greater stock removal rate per time unit as compared to the flat mop disc. The convex abrasive mop disc is particularly suited to working on edges and welded seams. The flat disc is primarily used for flat and surface grinding.



convex



flat



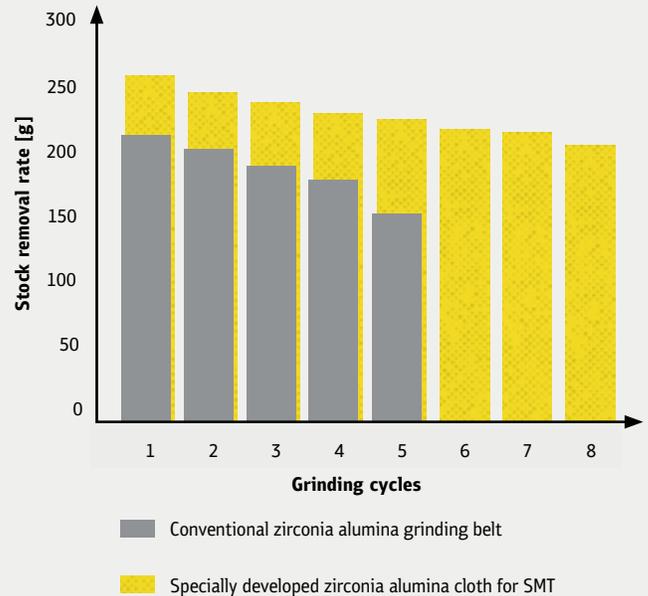
# Abrasive mop disc

## Applications guide

### Coated abrasives

Compared to belt applications the coated abrasives for abrasive mop discs withstand much higher loads. On the one hand, the cutting speed of abrasive mop discs is approx. 2 to 2.5 times faster than the cutting rate of a belt application, on the other hand the backing must wear down to ensure that new, unused grit is used.

Klingspor has developed special coated abrasives specifically for this product group. These are developed specifically for high powered angle grinders (80 m/s) and ensures top grinding performance and long service life (see diagram).



#### 1. Zirconia alumina cloth

Zirconia alumina grit, heavy cotton polyester cloth, best performance with high power machines

#### 2. Zirconia alumina cloth

Aggressive zirconia alumina grit, cotton cloth, good stock removal with angle grinders of all performance classes

#### 3. Zirconia alumina + Multibond

Self-sharpening zirconia alumina grit, cotton backing, especially for cool grinding on stainless steel

#### 4. Aluminium oxide cloth

Durable grit aluminium oxide, cotton cloth, for use with metal and NF-metals

#### 5. Ceramic aluminium oxide + Multibond

Ceramic high performance grit, robust polyester backing high performance for stainless steel work, cool grinding on stainless steel surfaces

#### 6. Ceramic aluminium oxide

Ceramic high performance grit, robust polyester backing, high performance for steel work



## The safe use of Klingspor abrasives

Klingspor abrasive mop discs are manufactured according to the oSa and EN13743 standards, this ensures the highest level of user safety.



Wear safety goggles or glasses to protect the eyes



Wear safety gloves to protect hands



Wear a dust mask



Observe safety instructions



Use ear muffs



Do not use for wet grinding



Correctly mounted



Incorrectly mounted

# Abrasive mop disc

SMT programme



Abrasive mop discs

		Steel / NF metals	Steel / INOX			Stainless Steel	
		<i>Aggression</i>	<i>Aggression</i>			<i>Aggression</i>	
					<i>Service life</i>		
<b>SPECIAL</b>	Type:		<b>SMT 924</b>		<b>SMT 925</b>	<b>SMT 926</b>	<b>SMT 996</b>
							
	Aggression:		■■■■■■■		■■■■■■■	■■■■■■■□	■■■■■■■
	Service life:		■■■■■■■		■■■■■■■□	■■■■■■■	■■■■■■■□
	Backing plate:		Glass fibre		Plastic	Glass fibre	Glass fibre
Form:		convex (6°)		convex (12°) / flat	convex (6°)	convex (6°) / flat	
<b>SUPRA</b>	Type:		<b>SMT 644</b>				
							
	Aggression:		■■■■■■■□				
	Service life:		■■■■■■■□				
	Backing plate:		Glass fibre				
Form:		convex (12°) / flat					
<b>SUPRA</b>	Type:		<b>SMT 624</b>	<b>SMT 628</b>		<b>SMT 626</b>	<b>SMT 636</b>
							
	Aggression:		■■■■■■■□	■■■■■■■□		■■■■■■■□	■■■■■■■□
	Service life:		■■■■■■■□□	■■■■■■■□□		■■■■■■■□□	■■■■■■■□□
	Backing plate:		Glass fibre	Glass fibre		Glass fibre	Glass fibre
Form:		convex (12°)	flat		convex (6°)	convex (6°) / flat	
<b>EXTRA</b>	Type:	<b>SMT 314</b>	<b>SMT 324</b>		<b>SMT 325</b>		
							
	Aggression:	■■■■■□□□	■■■■■□□□		■■■■■□□□		
	Service life:	■■■■■□□□	■■■■■□□□		■■■■■□□□		
	Backing plate:	Glass fibre	Glass fibre		Plastic		
Form:	convex (12°)	convex (12°) / flat		convex (12°) / flat			

# Abrasive mop discs

Abrasive mop disc

## SMT 314 EXTRA



Class	EXTRA
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ □ □ □ □

Applications:	
Steel	●
NF metals	●
Wood	○



Properties	
Grain	Aluminium oxide
Backing plate	Glass fibre
Design	Convex 12°

**Advantages:** Good stock removal rate on unalloyed steels - Also suitable for non-ferrous metals - Good removal rate on angle grinders of all performance classes

### 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 Bore	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 7/8		36	80 m/s	13300 rpm	10	322808
4-1/2 x 7/8		40	80 m/s	13300 rpm	10	322809
4-1/2 x 7/8		60	80 m/s	13300 rpm	10	322811
4-1/2 x 7/8		80	80 m/s	13300 rpm	10	322812
4-1/2 x 7/8		120	80 m/s	13300 rpm	10	322813
5 x 7/8		36	80 m/s	12200 rpm	10	322814
5 x 7/8		40	80 m/s	12200 rpm	10	322815
5 x 7/8		60	80 m/s	12200 rpm	10	322817
5 x 7/8		80	80 m/s	12200 rpm	10	322818
5 x 7/8		120	80 m/s	12200 rpm	10	322819
7 x 7/8		40	80 m/s	8500 rpm	10	322821
7 x 7/8		60	80 m/s	8500 rpm	10	322822
7 x 7/8		80	80 m/s	8500 rpm	10	322823

# Abrasive mop discs



Abrasive mop disc

## SMT 324 EXTRA



<b>Class</b>	EXTRA
Aggression	■ ■ ■ ■ ■ □ □
Service life	■ ■ ■ ■ □ □ □

<b>Applications:</b>	
Stainless steel	●
Steel	●



<b>Properties</b>	
Grain	Zirconia alumina
Backing plate	Glass fibre
Design	Convex 12°, flat

**Advantages:** Universal product for edges and surface work on steel and stainless steel - Good removal rate on angle grinders of all performance classes - No glazing, also under low grinding pressure

### 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 Bore	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 7/8		40	80 m/s	13300 rpm	10	321509
4-1/2 x 7/8		60	80 m/s	13300 rpm	10	321511
4-1/2 x 7/8		80	80 m/s	13300 rpm	10	321513
4-1/2 x 7/8		40	80 m/s	13300 rpm	10	321645
4-1/2 x 7/8		60	80 m/s	13300 rpm	10	321647
4-1/2 x 7/8		80	80 m/s	13300 rpm	10	321649
5 x 7/8		40	80 m/s	12200 rpm	10	321510
5 x 7/8		60	80 m/s	12200 rpm	10	321512
5 x 7/8		80	80 m/s	12200 rpm	10	321514
5 x 7/8		40	80 m/s	12200 rpm	10	321646
5 x 7/8		60	80 m/s	12200 rpm	10	321648
5 x 7/8		80	80 m/s	12200 rpm	10	321650

# Abrasive mop discs

Abrasive mop disc

## SMT 325 EXTRA



<b>Class</b>	EXTRA
<b>Aggression</b>	■■■■■□□
<b>Service life</b>	■■■■■□□



### XLOCK !

<b>Applications:</b>	
Stainless steel	●
Steel	●

<b>Properties</b>	
Grain	Zirconia alumina
Backing plate	Plastic, glass-fibre reinforced
Design	Convex 12°, flat

**Advantages:** Universal product for edges and surface work on steel and stainless steel - Good removal rate on angle grinders of all performance classes - No glazing, also under low grinding pressure

### 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 Bore	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 7/8		40	80 m/s	13300 rpm	10	321659
4-1/2 x 7/8		60	80 m/s	13300 rpm	10	321661
4-1/2 x 7/8		80	80 m/s	13300 rpm	10	321663
4-1/2 x 7/8		40	80 m/s	13300 rpm	10	321653
4-1/2 x 7/8		60	80 m/s	13300 rpm	10	321655
4-1/2 x 7/8		80	80 m/s	13300 rpm	10	321657
4-1/2 x 7/8 X-LOCK		40	80 m/s	13300 rpm	10	351281
4-1/2 x 7/8 X-LOCK		60	80 m/s	13300 rpm	10	351280
4-1/2 x 7/8 X-LOCK		80	80 m/s	13300 rpm	10	351279
5 x 7/8		40	80 m/s	12200 rpm	10	321660
5 x 7/8		60	80 m/s	12200 rpm	10	321662
5 x 7/8		80	80 m/s	12200 rpm	10	321664
5 x 7/8		40	80 m/s	12200 rpm	10	321654
5 x 7/8		60	80 m/s	12200 rpm	10	321656
5 x 7/8		80	80 m/s	12200 rpm	10	321658
5 x 7/8 X-LOCK		40	80 m/s	12200 rpm	10	351278
5 x 7/8 X-LOCK		60	80 m/s	12200 rpm	10	351277
5 x 7/8 X-LOCK		80	80 m/s	12200 rpm	10	351276

# Abrasive mop discs



Abrasive mop disc

## SMT 524 AC

ACCU



<b>Class</b>	ACCU
Aggression	■■■■■□□
Service life	■■■■■□□

<b>Applications:</b>	
Stainless steel	●
Steel	●



**NEW** !

<b>Properties</b>	
Grain	Zirconia alumina
Backing plate	Glass fibre
Design	Convex 12°

**Advantages:** All-rounder for edge and face machining - Optimized removal rate with long service life for all battery-powered angle grinders

### 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 Bore	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number																		
4-1/2 x 7/8		40	80 m/s	13300 rpm	10	331172																		
4-1/2 x 7/8		60	80 m/s	13300 rpm	10	331173																		
4-1/2 x 7/8		80	80 m/s	13300 rpm	10	331174																		
5 x 7/8		40	80 m/s	12200 rpm	10	331175																		
5 x 7/8		60	80 m/s	12200 rpm	10	331176																		
5 x 7/8		80	80 m/s	12200 rpm	10	331177																		

# Abrasive mop discs

Abrasive mop disc

## SMT 624 SUPRA



<b>Class</b>	SUPRA
Aggression	■■■■■■■□
Service life	■■■■■■■□



<b>Applications:</b>	
Stainless steel	●
Steel	●

<b>Properties</b>	
Grain	Zirconia alumina
Backing plate	Glass fibre
Design	Convex 12°

**Advantages:** Aggressive stock removal rate - Ergonomically friendly - For universal use in demanding grinding work on steel and stainless steel - Optimal removal rate when used on high-power angle grinders

### 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 Bore	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4 x 5/8		36	80 m/s	15300 rpm	10	322758
4 x 5/8		40	80 m/s	15300 rpm	10	322759
4 x 5/8		60	80 m/s	15300 rpm	10	322760
4 x 5/8		80	80 m/s	15300 rpm	10	322761
4 x 5/8		120	80 m/s	15300 rpm	10	322762
4-1/2 x 7/8		36	80 m/s	13300 rpm	10	322764
4-1/2 x 7/8		40	80 m/s	13300 rpm	10	322765
4-1/2 x 7/8		50	80 m/s	13300 rpm	10	322766
4-1/2 x 7/8		60	80 m/s	13300 rpm	10	322767
4-1/2 x 7/8		80	80 m/s	13300 rpm	10	322768
4-1/2 x 7/8		120	80 m/s	13300 rpm	10	322769
5 x 7/8		40	80 m/s	12200 rpm	10	340362
5 x 7/8		60	80 m/s	12200 rpm	10	340363
5 x 7/8		36	80 m/s	12200 rpm	10	322771
5 x 7/8		40	80 m/s	12200 rpm	10	322772
5 x 7/8		50	80 m/s	12200 rpm	10	322773
5 x 7/8		60	80 m/s	12200 rpm	10	322774
5 x 7/8		80	80 m/s	12200 rpm	10	322775
5 x 7/8		120	80 m/s	12200 rpm	10	322776
6 x 7/8		40	80 m/s	10200 rpm	10	322778
6 x 7/8		60	80 m/s	10200 rpm	10	322779
6 x 7/8		80	80 m/s	10200 rpm	10	322780
7 x 7/8		36	80 m/s	8500 rpm	10	322782
7 x 7/8		40	80 m/s	8500 rpm	10	322783
7 x 7/8		50	80 m/s	8500 rpm	10	322784
7 x 7/8		60	80 m/s	8500 rpm	10	322785
7 x 7/8		80	80 m/s	8500 rpm	10	322786
7 x 7/8		120	80 m/s	8500 rpm	10	322787

# Abrasive mop discs



Abrasive mop disc

## SMT 626 SUPRA



<b>Class</b>	SUPRA
<b>Aggression</b>	■■■■■■■□
<b>Service life</b>	■■■■■■■□



<b>Applications:</b>	
Stainless steel	●
Steel	●

<b>Properties</b>	
Grain	Zirconia alumina
Backing plate	Glass fibre
Design	Convex 6°

**Advantages:** High material removal rate - Considerably longer service life due to unique flap angle

### 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 Bore	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 7/8		36	80 m/s	13300 rpm	10	321686
4-1/2 x 7/8		40	80 m/s	13300 rpm	10	321689
4-1/2 x 7/8		50	80 m/s	13300 rpm	10	321692
4-1/2 x 7/8		60	80 m/s	13300 rpm	10	321694
4-1/2 x 7/8		80	80 m/s	13300 rpm	10	321697
4-1/2 x 7/8		120	80 m/s	13300 rpm	10	321683
5 x 7/8		36	80 m/s	12200 rpm	10	321687
5 x 7/8		40	80 m/s	12200 rpm	10	321690
5 x 7/8		50	80 m/s	12200 rpm	10	321693
5 x 7/8		60	80 m/s	12200 rpm	10	321695
5 x 7/8		80	80 m/s	12200 rpm	10	321698
5 x 7/8		120	80 m/s	12200 rpm	10	321684
7 x 7/8		36	80 m/s	8500 rpm	10	321688
7 x 7/8		40	80 m/s	8500 rpm	10	321691
7 x 7/8		60	80 m/s	8500 rpm	10	321696
7 x 7/8		80	80 m/s	8500 rpm	10	321699

# Abrasive mop discs

Abrasive mop disc

## SMT 628 SUPRA



<b>Class</b>	SUPRA
Aggression	■■■■■■■□
Service life	■■■■■■■□



<b>Applications:</b>	
Stainless steel	●
Steel	●

<b>Properties</b>	
Grain	Zirconia alumina
Backing plate	Glass fibre
Design	Flat

**Advantages:** Especially suitable for surface grinding of steel and stainless steel - Optimal removal rate when used on high-power angle grinders - Aggressive stock removal rate and comfortable grinding behaviour

### 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
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Diameter x Bore	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 7/8	■	36	80 m/s	13300 rpm	10	322789
4-1/2 x 7/8	■	40	80 m/s	13300 rpm	10	322790
4-1/2 x 7/8	■	60	80 m/s	13300 rpm	10	322792
4-1/2 x 7/8	■	80	80 m/s	13300 rpm	10	322793
4-1/2 x 7/8	■	120	80 m/s	13300 rpm	10	322794
5 x 7/8	■	36	80 m/s	12200 rpm	10	322795
5 x 7/8	■	40	80 m/s	12200 rpm	10	322796
5 x 7/8	■	60	80 m/s	12200 rpm	10	322798
5 x 7/8	■	80	80 m/s	12200 rpm	10	322799
5 x 7/8	■	120	80 m/s	12200 rpm	10	322800
7 x 7/8	■	36	80 m/s	8500 rpm	10	322802
7 x 7/8	■	40	80 m/s	8500 rpm	10	322803
7 x 7/8	■	60	80 m/s	8500 rpm	10	322805
7 x 7/8	■	80	80 m/s	8500 rpm	10	322806
7 x 7/8	■	120	80 m/s	8500 rpm	10	322807

# Abrasive mop discs



Abrasive mop disc, multibond

## SMT 636 SUPRA



<b>Class</b>	SUPRA
Aggression	■■■■■■■□
Service life	■■■■■■■□

<b>Applications:</b>	
Stainless steel	●



<b>Properties</b>	
Grain	Zirconia alumina multibond
Backing plate	Glass fibre
Design	Convex 6°, flat

**Advantages:** Special product for use on stainless steel - Cool grinding due to multibond - Suitable for use on edges and surfaces - No glazing or clogging

### 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
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Diameter x Bore	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 7/8		40	80 m/s	13300 rpm	10	322826
4-1/2 x 7/8		60	80 m/s	13300 rpm	10	322827
4-1/2 x 7/8		80	80 m/s	13300 rpm	10	322828
5 x 7/8		40	80 m/s	12200 rpm	10	322831
5 x 7/8		60	80 m/s	12200 rpm	10	322832
5 x 7/8		80	80 m/s	12200 rpm	10	322833
7 x 7/8		40	80 m/s	8500 rpm	10	322836

# Abrasive mop discs

Abrasive mop disc

## SMT 644 SUPRA



<b>Class</b>	SUPRA
<b>Aggression</b>	■■■■■■■□
<b>Service life</b>	■■■■■■■□



<b>Applications:</b>	
Steel	●
Stainless steel	●

**NEW** !

<b>Properties</b>	
Grain	Zirconia alumina
Backing plate	Glass fibre
Design	Convex 12°, flat

**Advantages:** Long Service life when used on extremely steep edges - Constant stock removal Level even when used on surfaces - No glazing or clogging, even at low machine output or low grinding pressure (<1000W)

### 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
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Diameter x Bore	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 7/8		40	80 m/s	13300 rpm	10	329993
4-1/2 x 7/8		60	80 m/s	13300 rpm	10	329994
4-1/2 x 7/8		80	80 m/s	13300 rpm	10	329995
4-1/2 x 7/8		40	80 m/s	13300 rpm	10	329989
4-1/2 x 7/8		60	80 m/s	13300 rpm	10	329990
4-1/2 x 7/8		80	80 m/s	13300 rpm	10	329991
5 x 7/8		40	80 m/s	12200 rpm	10	330005
5 x 7/8		60	80 m/s	12200 rpm	10	330006
5 x 7/8		80	80 m/s	12200 rpm	10	330007
5 x 7/8		120	80 m/s	12200 rpm	10	330008
5 x 7/8		40	80 m/s	12200 rpm	10	329997
5 x 7/8		60	80 m/s	12200 rpm	10	330002
5 x 7/8		80	80 m/s	12200 rpm	10	330003



Abrasive mop disc

## SMT 924 SPECIAL



<b>Class</b>	SPECIAL
Aggression	■■■■■■■■■
Service life	■■■■■■■■■

<b>Applications:</b>	
Stainless steel	●
Steel	●



<b>Properties</b>	
Grain	Ceramic Aluminum oxide
Backing plate	Glass fibre
Design	Convex 6°

**Advantages:** Highly aggressive abrasive performance for demanding work on edges - High edge stability - Optimal removal rate when used on high-power angle grinders under increased grinding pressure

### 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
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Diameter x Bore	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 7/8		40	80 m/s	13300 rpm	10	322862
4-1/2 x 7/8		60	80 m/s	13300 rpm	10	322863
4-1/2 x 7/8		80	80 m/s	13300 rpm	10	322864
5 x 7/8		40	80 m/s	12200 rpm	10	322867
5 x 7/8		60	80 m/s	12200 rpm	10	322868
5 x 7/8		80	80 m/s	12200 rpm	10	322869

Abrasive mop disc

## SMT 925 SPECIAL



<b>Class</b>	SPECIAL
Aggression	■■■■■■■■■
Service life	■■■■■■■■□

<b>Applications:</b>	
Stainless steel	●
Steel	●



<b>Properties</b>	
Grain	Zirconia alumina
Backing plate	Plastic, glass-fibre reinforced
Design	Convex 12°, flat

**Advantages:** Significantly higher abrasive performance and service life - Optimal removal rate when used on high-power angle grinders under increased grinding pressure - High removal rate and long service life

### 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
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Diameter x Bore	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 7/8		40	80 m/s	13300 rpm	10	321714
4-1/2 x 7/8		60	80 m/s	13300 rpm	10	321715
4-1/2 x 7/8		80	80 m/s	13300 rpm	10	321716
4-1/2 x 7/8		36	80 m/s	13300 rpm	10	321668
4-1/2 x 7/8		40	80 m/s	13300 rpm	10	321670



# Abrasive mop discs

## ► Continuation of SMT 925 Special, Abrasive mop disc

Diameter x Bore	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 7/8		60	80 m/s	13300 rpm	10	321674
4-1/2 x 7/8		80	80 m/s	13300 rpm	10	321677
5 x 7/8		36	80 m/s	12200 rpm	10	321718
5 x 7/8		40	80 m/s	12200 rpm	10	321719
5 x 7/8		60	80 m/s	12200 rpm	10	321720
5 x 7/8		80	80 m/s	12200 rpm	10	321721
5 x 7/8		40	80 m/s	12200 rpm	10	321671
5 x 7/8		60	80 m/s	12200 rpm	10	321675
5 x 7/8		80	80 m/s	12200 rpm	10	321678
7 x 7/8		24	80 m/s	8500 rpm	5	321667
7 x 7/8		36	80 m/s	8500 rpm	5	321669
7 x 7/8		40	80 m/s	8500 rpm	5	321672
7 x 7/8		60	80 m/s	8500 rpm	5	321676

Abrasive mop disc

## SMT 926 SPECIAL



Class	SPECIAL
Aggression	■■■■■■■□
Service life	■■■■■■■

Applications:	
Stainless steel	●
Steel	●



Properties	
Grain	Zirconia alumina
Backing plate	Glass fibre
Design	Convex 6°

**Advantages:** Maximum removal rate and service life - Especially suitable for rough work on steel and stainless steel - Optimal removal rate when used on high-power angle grinders under increased grinding pressure

### 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
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Diameter x Bore	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 7/8		40	80 m/s	13300 rpm	10	321703
4-1/2 x 7/8		60	80 m/s	13300 rpm	10	321706
4-1/2 x 7/8		80	80 m/s	13300 rpm	10	321708
5 x 7/8		40	80 m/s	12200 rpm	10	321704
5 x 7/8		60	80 m/s	12200 rpm	10	321707
5 x 7/8		80	80 m/s	12200 rpm	10	321709
7 x 7/8		40	80 m/s	8500 rpm	10	321705

Abrasive mop disc

## SMT 940 SPECIAL



### Applications:

Stainless steel	●
Steel	●

### Properties

Bonding agent	Resin
Grain	Zirconia alumina multibond
Backing plate	Plastic, glass-fibre reinforced
Design	Flat

**Advantages:** Perfectly suited for surface grinding of stainless steel and metal in general - Easy and quick mounting with internal thread 5/8-11"

### 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
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Diameter x Bore	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 5/8		40	80 m/s	13300 rpm	10	207207
4-1/2 x 5/8		60	80 m/s	13300 rpm	10	207208
4-1/2 x 5/8		80	80 m/s	13300 rpm	10	207209

Abrasive mop disc, multibond

## SMT 996 SPECIAL



<b>Class</b>	SPECIAL
Aggression	■■■■■■■■■
Service life	■■■■■■■□

### Applications:

Stainless steel	●
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### Properties

Grain	Ceramic aluminium oxide multibond
Backing plate	Glass fibre
Design	Convex 6°, flat

**Advantages:** Aggressive abrasive performance with little expenditure of energy - High edge stability - Cool grinding due to multibond - Optimal removal rate when used on high-power angle grinders under increased grinding pressure

### 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
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Diameter x Bore	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 7/8		40	80 m/s	13300 rpm	10	322849
4-1/2 x 7/8		60	80 m/s	13300 rpm	10	322850
4-1/2 x 7/8		80	80 m/s	13300 rpm	10	322851
5 x 7/8		40	80 m/s	12200 rpm	10	322852
5 x 7/8		60	80 m/s	12200 rpm	10	322853
5 x 7/8		80	80 m/s	12200 rpm	10	322854

# Abrasive mop discs

Non-woven mop disc

## SMT 800 SPECIAL



### Applications:

Stainless steel	●
Steel	●

### Properties

Backing plate	Glass fibre
Design	Convex 12°

**Advantages:** High-quality non-woven mop disc for stainless steel finish work - Optimal results when used on variable-speed angle grinders - Three grades

Diameter x Bore	Form	Grade	Colour	Max. operating speed	Max. RPM	Recommended operating speed	Recommended RPM	Packing unit/pcs.	Article number
4-1/2 x 7/8		coarse	brown	80 m/s	13300 rpm	42 m/s	7000 rpm	5	278495
4-1/2 x 7/8		medium	maroon	80 m/s	13300 rpm	42 m/s	7000 rpm	5	278496
4-1/2 x 7/8		very fine	green	80 m/s	13300 rpm	42 m/s	7000 rpm	5	278497
5 x 7/8		coarse	brown	80 m/s	12200 rpm	42 m/s	6400 rpm	5	278498
5 x 7/8		medium	maroon	80 m/s	12200 rpm	42 m/s	6400 rpm	5	278499
5 x 7/8		very fine	green	80 m/s	12200 rpm	42 m/s	6400 rpm	5	278500

Combi-Abrasive mop disc

## SMT 850 plus SPECIAL



### Applications:

Stainless steel	●
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### Properties

Backing plate	Glass fibre
Design	Convex 12°

**Advantages:** High-quality combi non-woven mop disc - Specially suited for machining of TIG weld seams on stainless steel components - Even finish throughout the entire service life - Stock removal and finishing in one step

Diameter x Bore	Form	Grit	Grade	Colour	Max. operating speed	Max. RPM	Recommended operating speed	Recommended RPM	Packing unit/pcs.	Article number
4-1/2 x 7/8		60	coarse	brown	80 m/s	13300 rpm	42 m/s	7000 rpm	5	312556
4-1/2 x 7/8		80	medium	maroon	80 m/s	13300 rpm	42 m/s	7000 rpm	5	312557
4-1/2 x 7/8		120	very fine	green	80 m/s	13300 rpm	42 m/s	7000 rpm	5	312558
5 x 7/8		60	coarse	brown	80 m/s	12200 rpm	42 m/s	6400 rpm	5	312559
5 x 7/8		80	medium	maroon	80 m/s	12200 rpm	42 m/s	6400 rpm	5	312560
5 x 7/8		120	very fine	green	80 m/s	12200 rpm	42 m/s	6400 rpm	5	312561

# High performance non-woven web wheel



High performance non-woven web wheels

## MFW 600



### Applications:

Steel	●
Stainless steel	●
NF metals	●

### Properties

Bonding agent Resin
Grain SiC

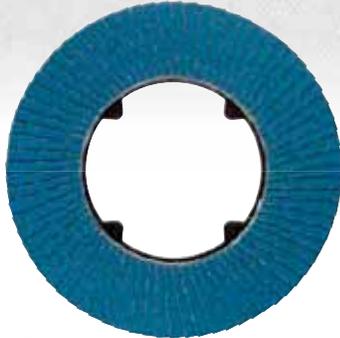
**Advantages:** Special product for finishing stainless steel weld seams - 4 different grades for material removal up to high gloss

Diameter x Width x Bore	Grade	Colour	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
5 x 1/4 x 7/8	coarse	red	59 m/s	9000 rpm	5	342218
5 x 1/4 x 7/8	medium	grey	59 m/s	9000 rpm	5	342219
5 x 1/4 x 7/8	fine	grey	39 m/s	5900 rpm	5	342237
6 x 1/8 x 1	coarse	red	59 m/s	7500 rpm	10	337948
6 x 1/8 x 1	medium	grey	59 m/s	7500 rpm	10	337949
6 x 1/8 x 1	fine	grey	39 m/s	5000 rpm	10	337950
6 x 1/4 x 1	coarse	red	59 m/s	7500 rpm	5	337944
6 x 1/4 x 1	medium	grey	59 m/s	7500 rpm	5	337945
6 x 1/4 x 1	fine	grey	39 m/s	5000 rpm	5	337946
6 x 1/4 x 1	very fine	grey	39 m/s	5000 rpm	5	337947

# Abrasive mop discs

Abrasive mop disc

## CMT 726 SUPRA



<b>Class</b>	SUPRA
Aggression	■■■■■■■□
Service life	■■■■■■■□

<b>Applications:</b>	
Steel	●
Stainless steel	●



<b>Properties</b>	
Grain	Zirconia alumina
Backing plate	Plastic, glass-fibre reinforced
Design	Convex 6°

**Advantages:** Rapid action system for applications with high material consumption or frequent changes of grits - Perfectly suited for grinding of surfaces and edges on steel, stainless steel and high-alloy steels

### 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
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Diameter x Bore	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
5 x 0		40	80 m/s	12200 rpm	10	252877
5 x 0		60	80 m/s	12200 rpm	10	252878
5 x 0		80	80 m/s	12200 rpm	10	252879
5 x 0		120	80 m/s	12200 rpm	10	252880

Abrasive mop disc

## CMT 728 SUPRA



<b>Class</b>	SUPRA
Aggression	■■■■■■■□
Service life	■■■■■■■□

<b>Applications:</b>	
Steel	●
Stainless steel	●



<b>Properties</b>	
Grain	Zirconia alumina
Backing plate	Plastic, glass-fibre reinforced
Design	Flat

**Advantages:** Rapid action system for applications with high material consumption or frequent changes of grits - Perfectly suited for flat and surface grinding on steel, stainless steel and high-alloy steels

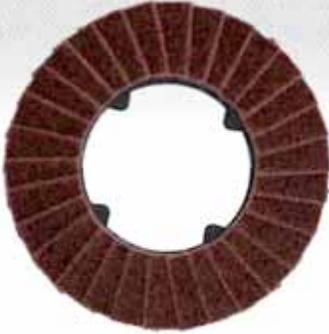
### Available grits:

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
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Diameter x Bore	Form	Grit	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
5 x 0		40	80 m/s	12200 rpm	10	252881
5 x 0		60	80 m/s	12200 rpm	10	252882

Abrasive mop disc

## CMT 800 SPECIAL



### Applications:

Stainless steel	●
Steel	●

### Properties

Backing plate	Plastic, glass-fibre reinforced
Design	Convex 6°

**Advantages:** High quality non-woven web abrasive mop disc for finishing work - Depending on the degree of hardness also suited for cleaning and light de-burring work and the processing of TIG-welded seams on stainless steel

Diameter x Bore	Form	Grade	Colour	Max. operating speed	Max. RPM	Recommended operating speed	Recommended RPM	Packing unit/pcs.	Article number
5 x 0		coarse	brown	80 m/s	12200 rpm	42 m/s	6400 rpm	5	304077
5 x 0		medium	maroon	80 m/s	12200 rpm	42 m/s	6400 rpm	5	304078
5 x 0		very fine	green	80 m/s	12200 rpm	42 m/s	6400 rpm	5	304079

Mounting plate

## CMT 555



**Advantages:** Mounting plate for abrasive mop disc CMT made of sturdy diecasting, more than a thousand times reusable if used properly - Adapter 5/8"

Size	Thread/Shaft	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
5 x 7/8	thread 5/8"	80 m/s	12200 rpm	1	316523

# Cleaning wheel / Non-woven web wheel

High performance non-woven web wheels

## NUD 500



**NEW** !



### Applications:

Alloyed steels	●
High alloy steel	●
Non-ferrous metals	●
Light metals	●
Chrome and nickel steels	●
Steel	●
Titanium	●

### Properties

Grain	SiC
-------	-----

**Advantages:** For cleaning and pre-polishing surfaces - For smoothing weld seams - Fewer work steps - Precise cleaning, clearing and finishing of surfaces - Achieves an ultra-low scratch depth on the processed material

Diameter x Width x Bore	Grade	Colour	Max. operating speed	Max. RPM	Recommended RPM	Packing unit/pcs.	Article number
4-1/2 x 1/2 x 7/8	coarse	grey	63 m/s	10450 rpm	5800 rpm	5	337864
4-1/2 x 1/2 x 7/8	medium	grey	63 m/s	10450 rpm	5800 rpm	5	337865
4-1/2 x 1/2 x 7/8	very fine	grey	63 m/s	10450 rpm	5800 rpm	5	337866
5 x 1/2 x 7/8	coarse	grey	63 m/s	9600 rpm	5300 rpm	5	337861
5 x 1/2 x 7/8	medium	grey	63 m/s	9600 rpm	5300 rpm	5	337862
5 x 1/2 x 7/8	very fine	grey	63 m/s	9600 rpm	5300 rpm	5	337863

Cleaning wheel

## NCD 200



### Applications:

Metals	●
Paint/Varnish/Filler	●
Plastic	●
Stainless steel	○

### Properties

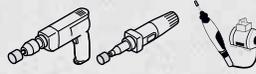
Bonding agent Resin	
Grain	SiC
Design	Flat

**Advantages:** Special SiC non-woven web for cleaning of surfaces and removal of heat tinting/blueing - No clogging due to open structure

Diameter x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 7/8		63 m/s	10450 rpm	5	259043
5 x 7/8		63 m/s	9600 rpm	5	259044

Power wheel, extra coarse

## PW 2000



**NEW** 



**Applications:**

Paint/Varnish/Filler	●
Plastic	●
Metals	●
Stone	●

**Advantages:** Special non-woven web, ideal for removing heat tinting, oxide layers, rust and paint residue - For cleaning of weld seams - No clogging

Diameter x Width x Bore	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
6 x 1/2 x 1/2	40 m/s	5000 rpm	10	194626
7-7/8 x 1/2 x 1/2	40 m/s	3800 rpm	10	241380

Fixing spindle

## SD 2000



**Advantages:** For secure mounting on drilling machines, flexible shafts and stroke grinders and optimal true running of the grinding tool PW 2000

Diameter	Suitable for	Packing unit/pcs.	Article number
1/4	PW 2000	1	303779



# Kronenflex® cut-off wheels and grinding discs



## About the product

As the inventor of the high speed cut-off wheel, it is only natural that we strive to continually develop and improve our Kronenflex® products.

Kronenflex® cut-off wheels and grinding discs feature an optimal combination of bonding agent and grain type for high aggressiveness, outstanding service life and consistently high quality. They comply with the highest safety standards, including the oSa regulations and the European safety standard EN 12413.

As a result of continuous innovations and the development of special products for diverse requirements, our Kronenflex® products offer the optimal solution for all standard materials and applications.

## Typical materials for these products

- ▶ Steel
- ▶ Stainless steel
- ▶ Construction steel
- ▶ NF-metals
- ▶ Cast materials
- ▶ Pipes
- ▶ Flat irons
- ▶ Tins
- ▶ Solid materials
- ▶ Stone
- ▶ Plastics
- ▶ Mineral materials

## Typical applications for these products

- ▶ Bodywork
- ▶ Maintenance and repair work
- ▶ Metal Fabrication
- ▶ Steelwork
- ▶ Plant construction
- ▶ Container construction
- ▶ Upkeep
- ▶ Metal works
- ▶ Vehicle construction
- ▶ Foundries
- ▶ Shipyards

# Kronenflex® cut-off wheels and grinding discs

Applications guide

1. EAN-Code (EAN-13)
2. Safety pictograms
3. Max. operating speed
4. Klingspor Cat. No.
5. Specification of design, grade and bond according to EN 12413
6. Dimensions in mm and inches
7. Applications (see colour coding system)



8. Information about the manufacturer
9. Operating restrictions
10. Safety standard (oSa / EN 12413)
11. Max. RPM
12. Safety pictograms
13. Product group / type
14. Klingspor brand Kronenflex®

## Performance classes

Kronenflex® cut-off wheels and grinding discs come in three performance classes with six colour codes for a quick overview of the most important material applications.



### EXTRA

Products for universal application, offering a particularly appealing price-performance ratio.



### SUPRA

Optimized products for different applications. Excellent service life and cutting performance.



### SPECIAL

High performance products for special applications. Highest service life and cutting performance in the respective material application area.

# Kronenflex® cut-off wheels and grinding discs

## Applications guide



### 1. Label and cover sheet

The label includes all of the important information on the product, manufacturer and information on the proper use of the grinding tool

### 2. Mixture

**The grit:** Today all grit types are only produced synthetically. Only grits produced synthetically can ensure continuously high wear and cutting disc quality.

**Resins and fillers:** Additional, important components for cutting and grinding discs are resins, (in liquid and dry form), and fillers. These components are key in determining the disc properties, such as stability, stock removal rate, shear strength and can be adjusted to meet the needs of the specific application.



### 3. Metal ring

Provides information on the production period of the disc and protects the machine spindle.

### 4. Glass fibre

Glass fibre is a reinforcing layer to ensure stability and increases the safety of the cut-off wheel. The number and strength of the glass fibre layers is dependent upon disc type and application. The higher the potential lateral load on a cut-off disc (it is greater during free cutting than during stationary cutting), the greater the need for additional reinforcement (eg. more fibre glass layers). Grinding discs are constructed with at least 3 glass fibre layers.

## Klingspor cut-off wheel and grinding disc colour coding system

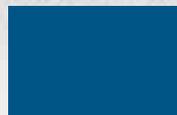
### Metal universal:

Grey



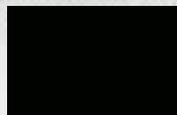
### Stainless steel:

Blue



### Steel:

Black



### Aluminium:

Silver



### Castings:

Red



### Stone/ concrete:

Green



## Pictograms on the product pages



One glass fibre cloth



Two glass fibre cloths



Free of iron, sulphur and chloride

# Kronenflex® cut-off wheels and grinding discs

## Applications guide



Quarter	
V 01	January-March
V 04	April-June
V 07	July-September
V 10	October-December

## Safety and storage

The shelf life of cut-off wheels and grinding discs is primarily determined by their moisture content. Cut-off wheels and grinding discs that are subjected to increased humidity after they were manufactured lose their original service life. Proper storage ensures a consistent long service life. Cut-off wheels and grinding discs that are exposed to water or steam are a safety risk.

The user is obligated to operate the product properly. Cut-off wheels and grinding discs may not be used past the expiry date!

## Working safely...

### ... by being careful and recognizing risks

Please avoid the risks listed below when working with cut-off wheels and grinding discs.

- ▶ contact with rotating abrasive discs
- ▶ abrasive disc breakage
- ▶ grinding dust and debris
- ▶ vibration
- ▶ noise

### ... through personal protective gear

Goggles, gloves, ear muffs and dust masks must be worn. When working on hard grinding applications additional protective gear is required, such as face protection, leather aprons and safety boots.

### ... with protective machine guards

Machine guards are supplied with the grinding machine and may not be changed or removed. When using cup grinding wheels the outer surface must be completely enclosed.

In addition, cup grinding wheels may only be used in combination with an adjustable wheel guard, to balance the wear on the disc and to keep the exposure of the disc at a minimum.

### ... through visual inspection and performance of checks prior to mounting

Ensure the disc RPM matches the machine RPM setting and avoid exceeding the maximum admissible operating speed. Carefully check the cut-off wheel and grinding disc for damage. If the cut-off wheel or grinding disc is damaged, do not use the damaged product. Our cut-off wheels and grinding discs are marked with the corresponding safety pictograms.

### ... through proper use

Ensure that the respective disc is being used properly. Avoid damage to the mounting bore or to the disc from jerks, excessive force, or drops. Ensure that the disc is properly and securely mounted and use the correct mounting flange. Prior to starting work, the abrasive disc should run at operating speed for at least 30 seconds. Please observe the FEPA safety regulations and the European Standard 12413.

The peripheral speed and grinding pressure are important parameters for achieving optimal cut-off and grinding disc results.



## The optimal speed

### Too low

If the RPM of the machine is too low, the cut-off wheel and grinding disc tend to “jump”, and the disc edges wear down unevenly. Particularly with thin material cross sections, such as cutting tin or wire, this causes the grit to be separated from the bond and the disc wear is above average.

### Optimal

Klingspor cut-off wheels and grinding discs are high performance products and were developed such that best disc performance (measured according the stock removal volume to disc wear ratio) is achieved in the range right below the maximum peripheral speed. Keep the machine running at a consistently high RPM and, if needed, select a more powerful machine.

### Too high

The maximum RPM and peripheral speed is printed on the label of each disc. For your own safety, please be sure not to exceed the recommended speeds when grinding.

## The proper grinding pressure

An important requirement for a satisfactory cutting result is the correct amount of grinding pressure.

A common mistake is to reduce the grinding pressure to preserve the disc and extend the cutting life of the wheel. If this is done, the material overheats (turns blue); the cut-off wheel becomes clogged and “burns up”.

This is why the grinding pressure should always be set such that the cutting time is as short as possible. This is particularly true for heat sensitive material with large material cross-sections.

## The proper hardness

### ...for cut-off wheels

Generally, the rule of thumb when selecting the correct cut-off wheel is: the harder the material, the softer the abrasive bond. The reason: the service life of a cut-off wheel is dependent on whether the cutting surface of the workpieces hardens or not. Overheating results in the disc “glazing” and the cutting properties are negatively affected. In this case, the hardness of the bond should be decreased and a softer cut-off wheel should be used.

### ...for grinding discs

The rule of thumb also applies to grinding discs: the harder the material, the softer the grinding disc bond. In addition, the application plays a decisive role.

Corner grinding and the grinding of burrs and sharp edges can cause grit to be removed from the bond. We suggest the selection of a hard bond.

On the other hand, when working on surfaces or small weld seams a disc that is too hard would become dull and would no longer be effective. It would have a good service life, but would also have a low stock removal rate and high work costs.

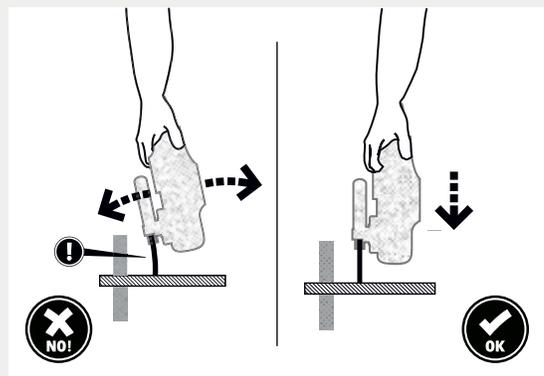
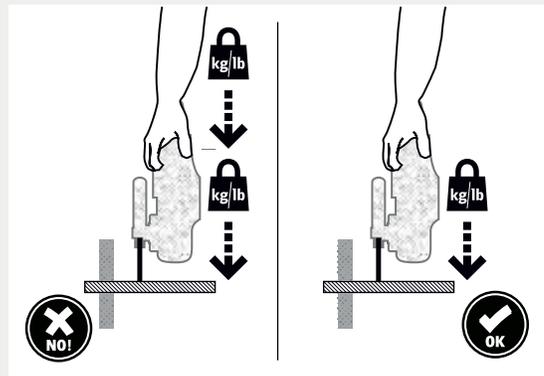
A medium or soft disc bond would be best for finish grinding.

# Kronenflex® cut-off wheels and grinding discs

## Applications guide

### Correct application/techniques for cutting-off

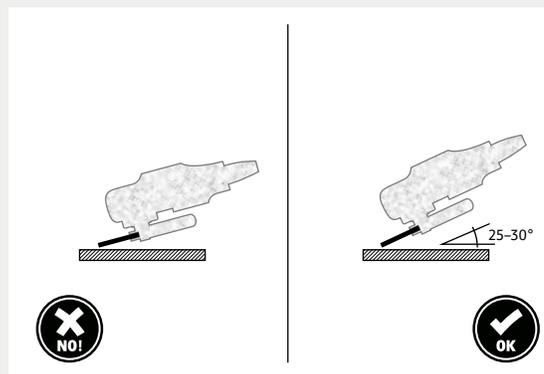
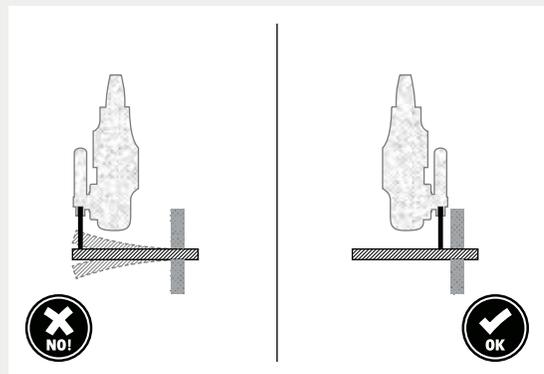
Pressure may only be placed on the cut-off wheel from a radial direction. This is the only way to avoid wobbling, buckling and disc breakage, especially when applying a high level of cutting pressure. The workpiece that is to be cut-off should be properly affixed to the workbench to ensure that the disc does not slide off to the side. In addition, we recommend that the material is affixed as close to the cutting site as possible to ensure that it does not vibrate, flutter or slip to the side.



### Correct application/techniques for grinding

Grinding discs work best at 35 degree angle to the workpiece. This angle provides the best stock removal to disc wear ratio. If possible, always select this angle.

When grinding and the angle is below 15° a very thin edge which levels off is formed around the circumference of the disc. Even minimal changes to the angle can result in a situation in which the grinding pressure can no longer be absorbed resulting in the grinding disc slipping to the side. Valuable grit is not used and an imbalance is created that results in having to replace the disc prematurely.



# Kronenflex® cut-off wheels and grinding discs

Applications guide



## The correct mount...

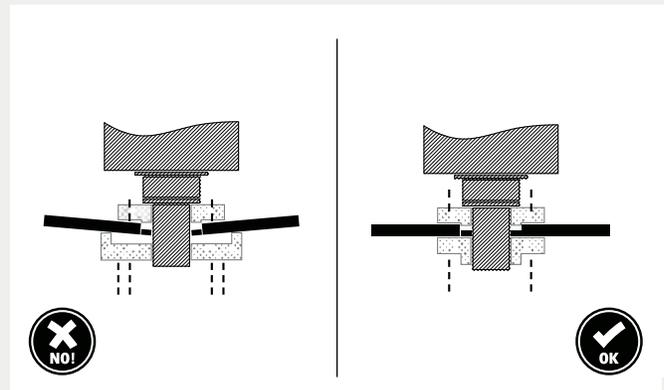
### ... for better power transmission

Cut-off wheels and grinding discs are mounted to the machine with side flanges. The flange elements are responsible for transferring power to the disc. For reasons of safety it is extremely important that defective or incorrect flanges are not used.

### ... and for more safety

The use of wheel flange FL 76 provides increased lateral stability and user control, specifically when using thin cut-off wheels with a flat form and diameter of 7" and 9".

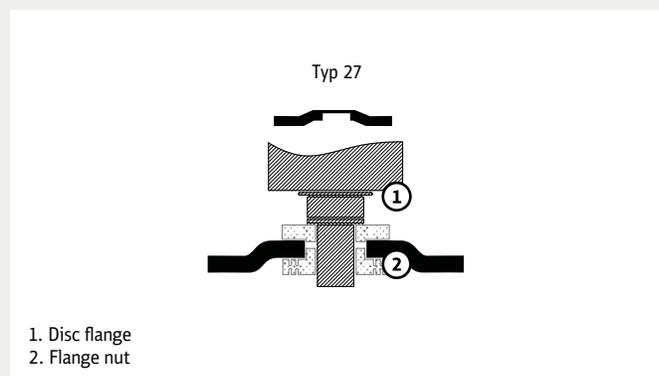
The applicable regulations and standards must be complied with when using the wheel flange. The contact surface and diameter of the wheel flange must match. Using wheel flanges with diameters that do not match is prohibited.



Cut-off wheels

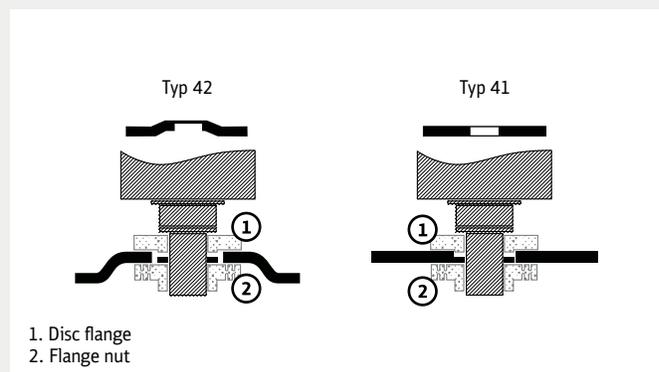
## Depressed centre grinding disc

$\frac{1}{8}'' - \frac{3}{8}''$  (4-10 mm) thickness



## Flat and depressed centre cut-off wheels

$\frac{1}{32}'' - \frac{5}{32}''$  (0.8-4 mm) thickness



### Recognize and avoid errors

	Issue	Possible cause	Solution
Cut-off wheels	Cutting surface is blue	Cutting time is too long	Increase feed speed or grinding pressure
		Drive power is too low	Use a more powerful machine
		Disc is too hard	Select a softer bond
		Material cross section is too great for the disc diameter	Work with a saw cut / work with a smaller material diameter
		Cutting disc is too wide for the material/application	Use a thinner cutting disc
	Disc wear is too high	White cutting surface: disc hardness is too low	Select a harder bond
		Peripheral speed is too low	Increase peripheral speed
		RPM decrease is too great	Reduce grinding pressure or use a more powerful machine
	Crooked cut	Workpiece is not mounted properly	Mount the material closer to the cutting site
		Grinding pressure is too great	Reduce grinding pressure
		Disc width is too thin for the material/application	Increase disc width
		Disc is completely worn down	Replace disc
	Disc breakage	Machine is operated incorrectly	Avoid lateral pressure on the disc
		Incorrect wheel flange diameter	Use wheel flange with identical diameters
		Cut-off wheel is used for grinding	Cut-off wheels may not be used for grinding!
Material is not properly affixed		Mount the material closer to the cutting site	
Disc periphery is frayed	Disc periphery is burned	Select a softer bond, decrease grinding pressure	
	Material is not properly affixed	Mount the material closer to the cutting site	
Disc jumps	Wheel flange is dirty or worn out	Clean wheel flange or replace wheel flange	
	Bearing is defective	Replace machine or replace bearing	
	Bore dimension and mount do not match	Use proper bore dimension or use a reducer ring	
Bore hole is broken	Wheel flanges are of different sizes	Use wheel flanges that have the same diameters	
	Machine is operated incorrectly	Reduce lateral pressure on the disc	
	Cut-off wheel is used for grinding	Cut-off wheels may not be used for grinding!	

	Issue	Possible cause	Solution
Grinding discs	Removal rate is too low	Shiny contact surface: bond is too hard	Select a softer bond
		Grinding pressure is too low	Increase grinding pressure
		Machine performance is too low	Use a more powerful machine
	Disc is loaded/clogged	Bond is too hard	Select a softer bond
		Loading/clogging with NF-metals	Use softer bond or select a special cut-off wheel for NF-metals
	Wear is too high	Grinding pressure is too low	Increase grinding pressure
		Grinding pressure is too high	Reduce grinding pressure
		Bond is too soft	Select a harder bond
		Machine RPM decreases too quickly	Reduce grinding pressure
		Machine performance is too low	Use a more powerful machine
	Periphery is not rounded / breakage on the edge	Disc angle is too flat	Increase disc angle (at least 25°)
		Grinding pressure is too high	Reduce grinding pressure
Disc wobbles	The mount is not centered	Check bore diameter and mounting diameter and adjust accordingly	
	Mounting shaft is worn	Replace machine	
	Mounting flange is worn, dirty or incorrect	Replace / clean mounting flange / check dimensions	
		Disc wobbles	Use a new disc



## What the type designation reveals about the design of cut-off wheels and grinding discs

The type designation given on a cut-off wheel or grinding disc divulges more than just the name of the product. It provides important information on the performance class and on the composition of the tool. The first letter indicates which abrasive grit is used. If this letter is followed by a three digit number, the first digit signifies the performance class (the performance class is also included below the name of the product). The last two digits point to the size of the grit that was used. The letters at the end of the type designation mark the hardness grade of a cut-off wheel or grinding disc.

Grit type	Performance class	Grit size according to FEPA standard	Hardness	Performance class
<b>A</b> Aluminium oxide	<b>3</b> <b>EXTRA</b>	<b>16</b>	<b>M</b> soft	<b>EXTRA</b>
<b>C</b> Silicon carbide	<b>6</b> <b>SUPRA</b>	<b>24</b>	<b>N</b>	<b>SUPRA</b>
<b>Z</b> Zirconia alumina	<b>9</b> <b>SPECIAL</b>	<b>30</b>	<b>R</b>	<b>SPECIAL</b>
		<b>36</b>	<b>S</b>	
		<b>46</b>	<b>T</b> hard	
		<b>60</b>		
		<b>80</b>		

Explained by example of the Z 960 TX cut-off wheel

Grit type	Performance class	Grit size according to FEPA standard	Hardness	Performance class
<b>Z</b> Zirconia alumina	<b>9</b> <b>SPECIAL</b>	<b>60</b>	<b>TX</b> hard	<b>SPECIAL</b>

## The safe use of Klingspor abrasives

Klingspor Kronenflex® cut-off wheels and grinding discs are manufactured in accordance with the oSa and EN12413 standards, this ensures the highest level of user safety.



Wear safety goggles or glasses to protect the eyes



Wear safety gloves to protect hands



Wear dust mask



Observe safety instructions



Use ear muffs



Do not use for wet grinding



Not permitted for face grinding



Do not use if damaged

# Kronenflex® large cut-off wheels

## Applications guide

### About the product

Klingspor Kronenflex® large cut-off wheels are high performance, robust wheels for special uses with an outer diameter of 12" and more.

Their high lateral stability ensures safe operation also in connection with hard cutting applications. The optimized grits and resins are specifically created for the specific application areas. The cut-off wheels are known for their fast cuts and low thermal material loads, as well as their long service life.

Klingspor Kronenflex® large cut-off wheels range from bench cutting to handheld machines, from railway construction to industrial uses on stationary machines. This product is the ideal solution if outstanding performance and a high degree of safety is what is needed.

### Cut-off wheels for different types of machines:

- ▶ Handheld machines 80 m/s
- ▶ Handheld machines with a clamping device for vignole rails 100 m/s
- ▶ Transportable bench chop saws < 3KW
- ▶ Stationary saws / cutters up to 5KW
- ▶ Stationary saws / cutters > 5KW

**ATTENTION! Stationary cut-off wheels may not be used with freehand machines!**

### Products for handheld machines

These products were developed for use with handheld machines (petrol, electric, high-frequency).

Please note that it is very important that the maximum operating speed setting on the machines and the maximum operating speed setting on the products match. 80 m/s and 100 m/s machines are available on the market. Klingspor large cut-off wheels for handheld machines are certified for 80 m/s hand held machines.

Products for railway construction with a clamping device are certified up to 100 m/s.

### Products for transportable bench chop saws

Cut-off wheels for this product group are suitable for low-power bench chop saws. These products may not be used with large stationary and / or handheld machines.

They are known for their high cutting rate, which ensures fast and cool cutting.

### Products for stationary saws / cutters

Stationary machines are best suited for economical and safe cutting of large cross-sections and heavy workpieces.

Products in this segment with their outstanding performance and long service life fulfil the most demanding requirements of stationary cutting. Good aggressiveness ensures low thermal loads when working on large cross sections.



## Which cut-off wheel is used with which machine?

Large cut-off wheels for stationary machines and large cut-off wheels for handheld machines are designed differently and their build is optimised for the respective machine type. For safety reasons large cut-off wheels for stationary machines may never be used with hand held machines.

The bore diameter of a large cut-off wheel does not indicate if it is a wheel that can be used with a stationary machine or if it is a wheel that can be used with a hand held machine.

A binding overview regarding which Klingspor wheel type is to be used with which machine type is provided in the table below.

Type	Thickness		Bore Ø ["]	Machines	Safety	
	Ø ["]	["]			Max. operating speed	Application type (EN12413)
<b>A 24 EXTRA</b>	12	9/64	20 mm	general handheld machines (petrol, electric, high frequency)	80 m/s	freehand cutting
<b>C 24 EXTRA</b>	12	9/64	20 mm		80 m/s	
<b>A 330 EXTRA</b>	14	3/32	1	transportable bench chop saws, chop saws	80 m/s	stationary guided cutting <3 KW
<b>A 630 N SUPRA</b>	14	3/32	1	transportable bench chop saws, chop saws	80 m/s	stationary guided cutting <3 KW
<b>A 24 R SUPRA</b>	10	1/8	1/4	stationary saws / cutters	100 m/s	>3 KW
	12	1/8	1 / 1-3/16 / 1/4		100 m/s	>3 KW
	14	9/64	1 / 1/4		100 m/s	stationary guided cutting >3 KW
	16	3/16	1 / 1/4 / 1-1/2		100 m/s	>3 KW
<b>A 24 N SUPRA</b>	14	9/64	1		100 m/s	>3 KW
<b>A 24 R/06 SUPRA</b>	16	5/32	1		100 m/s	>5 KW
<b>A 924 R SPECIAL</b>	12	9/64	20 mm / 1	general handheld machines (petrol, electric, high frequency)	100 m/s	freehand cutting
	14	5/32	20 mm / 1		100 m/s	
<b>A 24 R SPECIAL</b>	12	9/64	20 mm / 1		80 m/s	
	14	5/32	20 mm / 1	80 m/s		
<b>T 24 AX SPECIAL</b>	12	9/64		general handheld machines (petrol, electric, high frequency, hydraulic) with a clamping device	100 m/s	stationary guided cutting
	14	5/32	1		100 m/s	
	16	3/16	1		100 m/s	
<b>C 24 RA SPECIAL</b>	12	9/64	20 mm	general handheld machines, joint cutters (petrol, electric, high frequency)	80 m/s	freehand cutting
	14	5/32	20 mm / 1		80 m/s	
<b>A 930 N SPECIAL</b>	12	3/32	1	transportable bench chop saws, chop saws	80 m/s	stationary guided cutting <3 KW
	14	1/8	1		80 m/s	<3 KW
<b>C 24 RT SPECIAL</b>	12	9/64	20 mm	general handheld machines (petrol, electric, high frequency)	80 m/s	freehand grinding
<b>C 24 RT/34 SPECIAL</b>	12	9/64	20 mm	general handheld machines (petrol, electric, high frequency)	80 m/s	freehand grinding

# Kronenflex® cut-off wheels

## About the product

Kronenflex® cut-off wheels are characterized by their wide range of applications which includes processing steel, stainless steel, all main NF metals, all types of casting, natural and artificial stones and asphalt.

Wheels designed specifically for the respective applications are the guarantee of a high cutting performance.

Material applications																	Page			
Type	Steel	Hardened Steels	Tool steel	Stainless steel	High-alloy steels	Corrosion and acid proof steels	Aluminum	Bronze	Cooper	Brass	Zinc die-casting	Cast iron	Stone / concrete	Asphalt	Off-hand cutting using portable angle grinders	Stat. cutting using floor or bench chop saws	Off-hand cutting using gas driven saw/cutter 80m/s	Off-hand cutting using gas driven saw/cutter 100m/s	Stationary cutting < 5KW	
EDGE SPECIAL	●	●	●	●	●	●									●					233
A 24 EXTRA	●	●	●	●	●	●	●	●	●	●	●	●			●					234
A 24 R SUPRA	●	●	●	●	●	●					●	●			●					234
A 24 N SUPRA INOX	●	●	●	●	●	●	●	●	●	●					●					235
A 36 TZ SPECIAL INOX	●	●	●	●	●	●						●			●					235
A 24 R/36 SPECIAL INOX	●	●	●	●	●	●									●					236
A 46 N SUPRA							●	●	●	●	●				●					236
C 24 R SUPRA												●	●		●					237
A 346 EXTRA	●	●	●	●	●	●	●	●	●	●	●				●					238
A 646 R SUPRA	●	●	●	●	●	●									●					238
A 46 TZ SPECIAL INOX	●	●	●	●	●	●	●	●	●	●	●				●					239
A 980 TZ SPECIAL	●	●	●	●	●	●	●	●	●	●	●	●			●					240
A 60 N SUPRA	●	●	●	●	●	●	●	●	●	●	●	●			●					240
A 60 TZ SPECIAL INOX	●	●	●	●	●	●	●	●	●	●	●	●			●					241
A 960 TZ SPECIAL	●	●	●	●	●	●	●	●	●	●	●	●			●					241
Z 960 TX SPECIAL	●	●	●	●	●	●	●	●	●	●	●	●			●					242
A 60 S SUPRA	●	●	●	●	●	●					●	●			●					243
A 660 R SUPRA	●	●	●	●	●	●	●	●	●	●	●	●			●					244
A 24 EXTRA	●	●	●	●	●	●						●					●			245
C 24 EXTRA												●	●	●			●			245
C 24 RA SUPRA													●	●			●			246
A 924 R SPECIAL	●	●	●	●														●		246
A 924 SX SPECIAL	●	●																●		247
A 624 SX SPECIAL	●	●																●		247
A 24 R SUPRA	●	●	●	●	●	●						●							●	248
A 24 N SUPRA INOX	●	●	●	●	●	●	●	●	●	●	●								●	248
A 330 EXTRA	●	●	●	●	●	●										●				249
A 630 N SUPRA	●	●	●	●	●	●										●				249
A 930 N SPECIAL	●	●	●	●	●	●										●				250

● = main application ○ = possible applications

# Kronenflex® cut-off wheels for hand held machines



## The **EDGE** 2 in 1 .045

Industry tested and approved.  
Exceeding your expectations!

### You asked for a wheel that features:

- ▶ Free Cutting – “less force on the grinder”
- ▶ Smooth Cutting – “smooth and clean cut”
- ▶ Reduced Vibration – “less wobbling, less kick back”

### The EDGE delivers without compromising on:

- ▶ Safety – Look for the symbol of safety:
- ▶ Performance
- ▶ Productivity



Ordinary grain



**EDGE**  
Self-sharpening grain

## Areas of application

### Materials



Steel



Stainless steel



### Industries



Oil and gas industry



Construction and railing construction



Pipeline construction



Metal fabrication shops

## Benefits of the Kronenflex® **EDGE**

### Maximum performance. Maximum safety. Maximum benefit.

The new Kronenflex® premium range is the embodiment of Klingspor's continuing goal to enhance the performance of their cutting and grinding products. The result is the EDGE. The best cut-off wheel Klingspor has ever produced in their premium range.

Using the best quality abrasive grain, the EDGE guarantees a consistent cutting speed and reduced wear throughout the entire service life of the wheel. The high quality self-sharpening grain reduces the heat generated during the cutting application which can lead to loss of cutting performance. The EDGE is the ideal choice for working on even the most troublesome materials.

Cut-off wheel INOX

## EDGE



### Class

Bond

Aggression

Service life

Fe-S-Cl  
<0,1%

### Applications:

Stainless steel ●

Steel ●

**Advantages:** Short cutting times and long service life - Low burr formation - Low thermal load - 25 pieces delivered in the Kronenflex® tub for long-lasting high performance and moisture protection

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x .045 x 7/8		80 m/s	13300 rpm	25	317818
4-1/2 x .045 x 7/8		80 m/s	13300 rpm	25	317819
5 x .045 x 7/8		80 m/s	12200 rpm	25	317820
5 x .045 x 7/8		80 m/s	12200 rpm	25	317821
6 x 1/16 x 7/8		80 m/s	10200 rpm	25	317822
6 x 1/16 x 7/8		80 m/s	10200 rpm	25	317823

# Kronenflex® cut-off wheels

for hand held machines

Cut-off wheel

## A 24 EXTRA



<b>Class</b>	EXTRA
Bond	■ ■ ■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ ■ □ □ □ □

<b>Applications:</b>	
Metals	●



**Advantages:** Proven a million times over - Standard wheel with outstanding price/performance ratio - For universal use in metalworking - Fast cutting of solid material

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 3/32 x 7/8		80 m/s	13300 rpm	25	188461
4-1/2 x 3/32 x 7/8 X-LOCK		80 m/s	13300 rpm	25	351255
4-1/2 x 1/8 x 7/8		80 m/s	13300 rpm	25	209014
5 x 3/32 x 7/8		80 m/s	12200 rpm	25	188463
5 x 3/32 x 7/8 X-LOCK		80 m/s	12200 rpm	25	351254
5 x 1/8 x 7/8		80 m/s	12200 rpm	25	209016
6 x 3/32 x 7/8		80 m/s	10200 rpm	25	235374
9 x 1/8 x 7/8		80 m/s	6600 rpm	25	13492

Cut-off wheel

## A 24 R SUPRA



<b>Class</b>	SUPRA
Bond	■ ■ ■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ ■ □ □ □ □

<b>Applications:</b>	
Steel	●
Stainless steel	○
Castings	○

**Advantages:** Optimized combination for use on steel - Can be used on stainless steel - Good cutting properties

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4 x 3/32 x 5/8		80 m/s	15300 rpm	25	13754
4-1/2 x 3/32 x 7/8		80 m/s	13300 rpm	25	13466
5 x 3/32 x 7/8		80 m/s	12200 rpm	25	13295
5 x 3/32 x 7/8		80 m/s	12200 rpm	25	13738
7 x 1/8 x 7/8		80 m/s	8500 rpm	25	13470
7 x 9/64 x 7/8		80 m/s	8500 rpm	25	13474
9 x 1/8 x 7/8		80 m/s	6600 rpm	25	13478

# Kronenflex® cut-off wheels

for hand held machines



Cut-off wheel INOX

## A 24 N SUPRA



<b>Class</b>	SUPRA
Bond	■ ■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ ■ ■ □ □
Service life	■ ■ ■ ■ ■ □ □

<b>Applications:</b>	
Stainless steel	●
Aluminium	○

**Advantages:** Special recipe prevents smearing and clogging - High removal rate on stainless steel due to hardened aluminum oxide

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 3/32 x 7/8		80 m/s	13300 rpm	25	3020
5 x 3/32 x 7/8		80 m/s	12200 rpm	25	2951
6 x 3/32 x 7/8		80 m/s	10200 rpm	25	235377
7 x 1/8 x 7/8		80 m/s	8500 rpm	25	13469
9 x 1/8 x 7/8		80 m/s	6600 rpm	25	13477

Cut-off wheel INOX

## A 36 TZ SPECIAL



<b>Class</b>	SPECIAL
Bond	■ ■ ■ ■ ■ ■ □ □
Aggression	■ ■ ■ ■ ■ ■ ■ ■
Service life	■ ■ ■ ■ ■ □ □

<b>Applications:</b>	
Stainless steel	●
Steel	○

**Advantages:** Very good cutting performance, even with low grinding pressure

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 5/64 x 7/8		80 m/s	13300 rpm	25	136549
5 x 5/64 x 7/8		80 m/s	12200 rpm	25	136550
7 x 5/64 x 7/8		80 m/s	8500 rpm	25	136551
9 x 5/64 x 7/8		80 m/s	6600 rpm	25	136552

# Kronenflex® cut-off wheels

for hand held machines

Cut-off wheel INOX

## A 24 R/36 SPECIAL



Fe-S-Cl  
<0,1%

<b>Class</b>	SPECIAL
Bond	■ ■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ □ □
Service life	■ ■ ■ ■ □ □

<b>Applications:</b>	
Stainless steel	●

**Advantages:** Special wheel for the nuclear industry - Free of iron, sulfur and chlorine

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
5 x 3/32 x 7/8		80 m/s	12200 rpm	25	2825
7 x 1/8 x 7/8		80 m/s	8500 rpm	25	60537

Cut-off wheel

## A 46 N SUPRA



<b>Class</b>	SUPRA
Bond	■ ■ ■ □ □ □ □ □
Aggression	■ ■ ■ ■ □ □
Service life	■ ■ ■ ■ □ □

<b>Applications:</b>	
Aluminium	●

**Advantages:** Special combination prevents smearing and clogging - Optimized cutting performance on non-ferrous metals

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 3/32 x 7/8		80 m/s	13300 rpm	25	170707
5 x 3/32 x 7/8		80 m/s	12200 rpm	25	170708

# Kronenflex® cut-off wheels

for hand held machines



Cut-off wheel

## C 24 R SUPRA



<b>Class</b>	SUPRA
Bond	■ ■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ □ □

<b>Applications:</b>	
Stone/Concrete	●
Castings	○

**NEW** !

**Advantages:** Optimal for all mineral materials due to sharp, coarse SiC grit

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 3/32 x 7/8		80 m/s	13300 rpm	25	13465
5 x 3/32 x 7/8		80 m/s	12200 rpm	25	13739

Cut-off wheels

# Kronenflex® cut-off wheels

for hand held machines

Cut-off wheel

## A 346 EXTRA



Fe-S-Cl  
<0,1%

**NEW** !

Class	EXTRA	Applications:
Bond	■ ■ ■ ■ ■ □ □ □	Stainless steel ●
Aggression	■ ■ ■ ■ ■ □ □ □	Steel ●
Service life	■ ■ ■ ■ ■ □ □ □	Aluminium ○

**Advantages:** Free of iron, sulphur and chlorine - Universal use on steel and stainless steel (INOX) - Cutting disc made of a calcined, cubic aluminium oxide that is self-sharpening - Minimal burr formation and longer service life - Best suited for cutting thin-walled profiles and pipes

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 1/16 x 7/8		80 m/s	13300 rpm	25	340936
5 x 1/16 x 7/8		80 m/s	12200 rpm	25	340938

Cut-off wheel

## A 646 R SUPRA



Fe-S-Cl  
<0,1%

**NEW** !

Class	SUPRA	Applications:
Bond	■ ■ ■ ■ ■ □ □ □	Steel ●
Aggression	■ ■ ■ ■ ■ □ □ □	Stainless steel ○
Service life	■ ■ ■ ■ ■ □ □ □	

**Advantages:** Free of iron, sulphur and chlorine - Universal use on steel and stainless steel - Cut-off disc made of self-sharpening, calcined aluminum oxide - Tremendous aggressiveness when used for cutting solid steel materials

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 1/16 x 7/8		80 m/s	13300 rpm	25	340947
5 x 1/16 x 7/8		80 m/s	12200 rpm	25	340946
6 x 1/16 x 7/8		80 m/s	10200 rpm	25	340945

# Kronenflex® cut-off wheels

for hand held machines



Cut-off wheel INOX

## A 46 TZ SPECIAL



Fe-S-Cl  
<0,1%

**XLOCK** !

<b>Class</b>	SPECIAL
Bond	■■■■■■■□
Aggression	■■■■■■■□
Service life	■■■■■■■□

<b>Applications:</b>	
Stainless steel	●
Steel	●

**Advantages:** Free of iron, sulphur and chlorine - Universal use on steel and stainless steel - First choice for professional applications and fast cutting of demanding materials

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4 x 1/16 x 5/8	—	80 m/s	15300 rpm	25	194071
4-1/2 x 1/16 x 7/8	—	80 m/s	13300 rpm	25	187170
4-1/2 x 1/16 x 7/8	—	80 m/s	13300 rpm	25	235378
4-1/2 x 1/16 x 7/8 X-LOCK	—	80 m/s	13300 rpm	25	351257
5 x 1/16 x 7/8	—	80 m/s	12200 rpm	25	187171
5 x 1/16 x 7/8	—	80 m/s	12200 rpm	25	235379
5 x 1/16 x 7/8 X-LOCK	—	80 m/s	12200 rpm	25	351256
6 x 1/16 x 7/8	—	80 m/s	10200 rpm	25	241472
6 x 1/16 x 7/8	—	80 m/s	10200 rpm	25	263882
7 x 1/16 x 7/8	—	80 m/s	8500 rpm	25	221161
7 x 1/16 x 7/8	—	80 m/s	8500 rpm	25	312257
9 x 5/64 x 7/8	—	80 m/s	6600 rpm	25	224084
9 x 5/64 x 7/8	—	80 m/s	6600 rpm	25	265044

Cut-off wheels

# Kronenflex® cut-off wheels for hand held machines

Cut-off wheel INOX

## A 980 TZ SPECIAL



Class	SPECIAL
Bond	■ ■ ■ ■ ■ ■ ■ □
Aggression	■ ■ ■ ■ ■ ■ □ □
Service life	■ ■ ■ ■ ■ ■ □

Applications:	
Stainless steel	●
Steel	●
NF metals	●

**Advantages:** Free of iron, sulfur and chlorine - Very short cutting times - Very precise and clean cuts - Low thermal load - Minimal burr formation, minimizing finish-machining - 25 pieces delivered in the Kronenflex® tub for long-lasting high performance and moisture protection

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 1/32 x 7/8		80 m/s	13300 rpm	25	322182
5 x 1/32 x 7/8		80 m/s	12200 rpm	25	322183

Cut-off wheel

## A 60 N SUPRA



Class	SUPRA
Bond	■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ ■ □ □
Service life	■ ■ ■ ■ ■ □ □

Applications:	
Aluminium	●
Steel	●

**Advantages:** Special combination prevents smearing and clogging - Minimal burr formation

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 3/64 x 7/8		80 m/s	13300 rpm	25	264297
5 x 3/64 x 7/8		80 m/s	12200 rpm	25	264298

# Kronenflex® cut-off wheels

for hand held machines



Cut-off wheel

## A 60 TZ SPECIAL



Fe-S-Cl  
<0,1%

**XLOCK** !

Class	SPECIAL	Applications:
Bond	■■■■■■■□	Stainless steel ●
Aggression	■■■■■■■□	Steel ●
Service life	■■■■■■■□	NF metals ○

**Advantages:** Free of iron, sulfur and chlorine - Short cutting times - Minimal burr formation - Low thermal load

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4 x 3/64 x 5/8	—	80 m/s	15300 rpm	25	202402
4-1/2 x 3/64 x 7/8	—	80 m/s	13300 rpm	25	202400
4-1/2 x 3/64 x 7/8	—	80 m/s	13300 rpm	25	233741
4-1/2 x 3/64 X-LOCK	—	80 m/s	13300 rpm	25	351259
5 x 3/64 x 7/8	—	80 m/s	12200 rpm	25	202401
5 x 3/64 x 7/8	—	80 m/s	12200 rpm	25	233742
5 x 3/64 x 7/8 X-LOCK	—	80 m/s	12200 rpm	25	351258

Cut-off wheel INOX

## A 960 TZ SPECIAL



Fe-S-Cl  
<0,1%

Class	SPECIAL	Applications:
Bond	■■■■■■■	Stainless steel ●
Aggression	■■■■■■■□	Steel ●
Service life	■■■■■■■	

**Advantages:** Free of iron, sulfur and chlorine - Short cutting times and long service life - Low thermal load - Low burr formation - Optimized bonding for considerably longer service life - For diverse applications - 25 pieces delivered in the Kronenflex® tub for long-lasting high performance and moisture protection

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 3/64 x 7/8	—	80 m/s	13300 rpm	25	322180
4-1/2 x 3/64 x 7/8	—	80 m/s	13300 rpm	25	325290
5 x 3/64 x 7/8	—	80 m/s	12200 rpm	25	322181
5 x 3/64 x 7/8	—	80 m/s	12200 rpm	25	325291

# Kronenflex® cut-off wheels

for hand held machines

Cut-off wheel INOX

## Z 960 TX SPECIAL



Class	SPECIAL
Bond	■■■■■■■■■
Aggression	■■■■■■■■■
Service life	■■■■■■■■■

Applications:	
Stainless steel	●
Alloys	●
Carbon steel	●
Titanium	●

**Advantages:** Free of iron, sulfur and chlorine - Ideal for tough/hard materials such as titanium and high-alloy steels - Short cutting times and long service life due to self-sharpening zirconia alumina - Low thermal load - Low burr formation - 25 pieces delivered in the Kronenflex® tub for long-lasting high performance and moisture protection

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 3/64 x 7/8		80 m/s	13300 rpm	25	325292
4-1/2 x 3/64 x 7/8		80 m/s	13300 rpm	25	322184
5 x 3/64 x 7/8		80 m/s	12200 rpm	25	325293
5 x 3/64 x 7/8		80 m/s	12200 rpm	25	322185

# Kronenflex® small cut-off wheel

for hand held machines



Small cut-off wheel

## A 60 S EXTRA



Class	EXTRA	Applications:
Bond	■ ■ ■ ■ ■ □ □ □	Steel ●
Aggression	■ ■ ■ ■ ■ □ □ □	Stainless steel ●
Service life	■ ■ ■ ■ ■ □ □ □	Castings ●

**Advantages:** For universal use in hard-to-reach areas

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
2 x 1/16 x 3/8	—	80 m/s	30600 rpm	100	314878
3 x 1/16 x 3/8	—	80 m/s	20100 rpm	100	303581
3 x 1/32 x 1/4	—	80 m/s	20100 rpm	100	303582
3 x 1/32 x 3/8	—	80 m/s	20100 rpm	100	303583
4 x 1/32 x 3/8	—	80 m/s	15300 rpm	100	303584

Small cut-off wheel

## A 660 R SUPRA



Class	SUPRA	Applications:
Bond	■ ■ ■ ■ ■ □ □ □	Steel ●
Aggression	■ ■ ■ ■ ■ □ □ □	Stainless steel ●
Service life	■ ■ ■ ■ ■ □ □ □	

**Advantages:** Minimal burr formation - For universal use in hard-to-reach areas - For cutting tins, profiles and solid materials

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
2 x 3/64 x 1/4	—	100 m/s	38200 rpm	100	329096
2 x 3/64 x 3/8	—	100 m/s	38200 rpm	100	329097
3 x 3/64 x 1/4	—	100 m/s	25200 rpm	100	329098
3 x 3/64 x 3/8	—	100 m/s	25200 rpm	100	329099
3 x 1/16 x 1/4	—	100 m/s	25200 rpm	100	329100
3 x 1/16 x 3/8	—	100 m/s	25200 rpm	100	329101
4 x 3/64 x 1/4	—	100 m/s	19000 rpm	25	329102
4 x 3/64 x 3/8	—	100 m/s	19000 rpm	25	329103

# Mounting mandrels for small cut-off wheels

Mounting mandrels

## SD 60 S



**Advantages:** Secure clamping of small diameter cut-off wheels

Shaft	Max. wheel thick.	Wheel arbor	Thread diameter	Packing unit/pcs.	Article number
1/4	1/4	1/4 & 3/8	M-50P	1	303877

# Kronenflex® large cut-off wheels

for petrol driven saw/cutter



Cut-off wheel

## A 24 EXTRA



<b>Class</b>	EXTRA
Bond	■ ■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ □ □ □ □

<b>Applications:</b>	
Metals	●

**Advantages:** Standard wheel with outstanding price-performance ratio - For universal use in metalworking - For use on gas-powered free-hand machines with a cutting speed of 80 m/s

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
12 x 9/64 x 51/64	—	80 m/s	5100 rpm	10	288221
12 x 9/64 x 1	—	80 m/s	5100 rpm	10	288500

Cut-off wheel

## C 24 EXTRA



<b>Class</b>	EXTRA
Bond	■ ■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ □ □ □ □

<b>Applications:</b>	
Stone/Concrete	●

**Advantages:** Optimal for all mineral materials due to sharp, coarse SiC grit - For use on gas-powered free-hand machines with a cutting speed of 80 m/s

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
12 x 9/64 x 51/64	—	80 m/s	5100 rpm	10	288223

Note: 51/64" bore = 20 mm

# Kronenflex® large cut-off wheels

for petrol driven saw/cutter

Cut-off wheel

## C 24 RA SPECIAL



<b>Class</b>	SPECIAL
Bond	■ ■ ■ ■ ■ ■ □ □
Aggression	■ ■ ■ ■ ■ ■ □ □
Service life	■ ■ ■ ■ ■ □ □

<b>Applications:</b>	
Asphalt	●
Stone/Concrete	○

**Advantages:** Special combination for asphalt - No clogging - Sharp, coarse SiC grain - For use on gas-powered free-hand machines with a cutting speed of 80 m/s

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
12 x 9/64 x 51/64	—	80 m/s	5100 rpm	10	288251
14 x 5/32 x 51/64	—	80 m/s	4400 rpm	10	288252
14 x 5/32 x 1	—	80 m/s	4400 rpm	10	288253

Cut-off wheel

## A 924 R SPECIAL



<b>Class</b>	SPECIAL
Bond	■ ■ ■ ■ ■ ■ □ □
Aggression	■ ■ ■ ■ ■ ■ □ □
Service life	■ ■ ■ ■ ■ ■ ■ ■

<b>Applications:</b>	
Steel	●
Stainless steel	○

**NEW !**

**Advantages:** Optimized bond for use on steel, also can be used on stainless steel - For use on gas powered free-hand machines with a cutting speed of 100 m/s - Free-hand cutting of pipes, rods, profiles and solid materials

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
12 x 9/64 x 51/64	—	100 m/s	6400 rpm	10	354419
12 x 9/64 x 1	—	100 m/s	6400 rpm	10	354417
14 x 5/32 x 51/64	—	100 m/s	5500 rpm	10	354416
14 x 5/32 x 1	—	100 m/s	5500 rpm	10	354414

Note: 51/64" bore = 20 mm

# Kronenflex® large cut-off wheels

for petrol powered cutter with clamping device



Cut-off wheel

## A 924 SX SPECIAL



<b>Class</b>	SPECIAL
<b>Bond</b>	■■■■■■■□
<b>Aggression</b>	■■■■■■■■
<b>Service life</b>	■■■■■■■■



<b>Applications:</b>	
Steel	●

**NEW** !

**Advantages:** For universal use on all rail types - Top performing product for high powered machines (>5kW) and hard rails - For use on gas powered cut-off machines with a cutting speed of 100 m/s and clamping device - Excellent service life

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
14 x 5/32 x 1	— —	100 m/s	5500 rpm	10	353097
16 x 5/32 x 1	— —	100 m/s	4800 rpm	10	352324

Cut-off wheel

## A 624 SX SUPRA



<b>Class</b>	SUPRA
<b>Bond</b>	■■■■■■□□
<b>Aggression</b>	■■■■■■■■
<b>Service life</b>	■■■■■■□□



<b>Applications:</b>	
Steel	●

**NEW** !

**Advantages:** For universal use on all rail types - Top performing product for lower powered machines (<5kW) and hard rails - Fast cutting, due to softer bond - For use on gas powered cut-off machines with a cutting speed of 100 m/s and clamping device

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
14 x 5/32 x 1	— —	100 m/s	5500 rpm	10	340641
16 x 5/32 x 1	— —	100 m/s	4800 rpm	10	351436

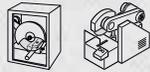
Cut-off wheels

# Kronenflex® large cut-off wheels

for stationary cutting

Cut-off wheel

## A 24 R SUPRA



**Class** SUPRA

**Bond** ■■■■■■□□

**Aggression** ■■■■■■□□

**Service life** ■■■■■■□□

**Applications:**

Steel ●

Stainless steel ○

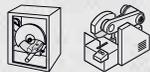
Castings ○

**Advantages:** Optimized combination for use on steel - Can be used on stainless steel - Good cutting properties - Optimal for stationary 3 - 5 kW cut-off machines

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
12 x 1/8 x 1	—	100 m/s	6400 rpm	10	6793
14 x 9/64 x 1	—	100 m/s	5500 rpm	10	13528
16 x 3/16 x 1	—	100 m/s	4800 rpm	10	292933

Cut-off wheel INOX

## A 24 N SUPRA



**Class** SUPRA

**Bond** ■■■□□□□□

**Aggression** ■■■■■■□□

**Service life** ■■■■■■□□

**Applications:**

Stainless steel ●

Steel ○

Aluminium ○

**Advantages:** Hardened Aluminium oxide - Special combination prevents smearing and clogging - Optimal for stationary 3-5kW cut-off machines

**NEW !**

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
14 x 9/64 x 1	—	100 m/s	5500 rpm	10	13527

# Kronenflex® large cut-off wheels

for portable chop saws



Cut-off wheel

## A 330 EXTRA



<b>Class</b>	EXTRA
Bond	■ ■ ■ ■ ■ ■ □ □
Aggression	■ ■ ■ ■ ■ ■ □ □
Service life	■ ■ ■ ■ ■ ■ □ □



<b>Applications:</b>	
Steel	●
Stainless steel	○
Aluminium	○
Castings	○

**NEW** !

**Advantages:** More stability during cutting due to two glass fibre reinforcement mesh - Good cutting speed with a long service life - Recommended for various materials and different profiles - Usable on chop saws in craft and industry

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
12 x 3/32 x 1	— —	80 m/s	5100 rpm	10	353327
14 x 3/32 x 1	— —	80 m/s	4400 rpm	10	339069
16 x 1/8 x 1	— —	80 m/s	3800 rpm	10	353329

Cut-off wheel

## A 630 N SUPRA



<b>Class</b>	SUPRA
Bond	■ ■ ■ ■ ■ ■ □ □
Aggression	■ ■ ■ ■ ■ ■ □ □
Service life	■ ■ ■ ■ ■ ■ □ □



<b>Applications:</b>	
Steel	●
Stainless steel	○
Aluminium	○
Castings	○

**NEW** !

**Advantages:** Aggressive performance with an outstanding service life - An exceptional choice for the cutting of solid material - Bond optimised for universal use - Low thermal load - Minimum burr formation

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
12 x 3/32 x 1	— —	80 m/s	5100 rpm	10	353325
14 x 3/32 x 1	— —	80 m/s	4400 rpm	10	339070
16 x 1/8 x 1	— —	80 m/s	3800 rpm	10	353328

# Kronenflex® large cut-off wheels

for portable chop saws

Cut-off wheel

## A 930 N SPECIAL



**NEW** !

Class	SPECIAL
Bond	■■■■■■■□
Aggression	■■■■■■■
Service life	■■■■■■■

Applications:	
Steel	●
Stainless steel	○
Aluminium	○
Castings	○

**Advantages:** Ultimate aggression and service life for universal use (pipes, profiles, solid material) - Low thermal load and minimum burr formation due to one glass fibre reinforcement mesh - An exceptional choice for the cutting of solid material

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
12 x 3/32 x 1	— —	80 m/s	5100 rpm	10	322627
14 x 1/8 x 1	— —	80 m/s	4400 rpm	10	322628

# Notes



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A large grid of small dots for taking notes, consisting of approximately 30 columns and 40 rows of dots.



# Kronenflex® grinding discs



## About the product

Kronenflex® grinding discs are characterized by their permanent high level of attack and maximum stock removal. The optimum relationship between performance and service life is guaranteed up to the complete use of the disc.

Kronenflex® grinding discs are used in all major surface grinding applications, as well as for edge beveling and burr removal. Klingspor offers professional advice in selecting the right grinding disc for your application.

From general metalworking to material-related applications in steel, stainless steel and NF-metals, to the more specialized requirements of the nuclear industry, Klingspor has the products you need. Discs for stone grinding and cup grinding wheels round off our programme.

Our engineers are standing by to help you, should you have specific problems or technical questions. You may take advantage of our technical consulting services whether at Klingspor or directly on site.

## Practical tips

The rule of thumb also applies to grinding discs: the harder the material, the softer the bond of the grinding disc.

In addition, the application plays a very decisive role.

Corners and burrs have very sharp edges and easily tear the grit out of the bond. We recommend the use of a hard bond.

If on the other hand one is working on surfaces i.e. small welded seams, a disc that is too hard would easily become dull and no longer grip the material. The disc would achieve a good service life, but this would result in a low stock removal rate and high work costs.

For finish grinding the best disc bond is a medium or soft disc bond.

Grinding discs

Type	Material applications													Page
	Steel	Hardened steels	Tool steel	Stainless steel	High alloy steels	Corrosion and acid proof steels	Aluminum	Bronze	Cooper	Brass	Zinc die-casting	Cast iron	Stone / concrete	
A 24 EXTRA	●	○	○	○	○	○					○	○		254
A 24 EXTRA T	●	○	○	○	○	○						○		254
A 24 R SUPRA	●	●	●	○	○	○						○		255
A 24 N SUPRA INOX	○	●	○	●	●	●								256
A 46 N SUPRA							●	○	○	○	○			258
A 24 R/01 SPECIAL	●	●	●	○	○	○								255
A 24 R/36 SPECIAL	○	○	○	●	●	●								256
A 24 TX SPECIAL	○	○	○	○	○	○						●		257
A 24 TZ SPECIAL	○	○	○	○	○	○						●		257
A 46 VZ SPECIAL	○	○	●	●	●	●					○			259
A 624 T SUPRA	●	●	●	●	○	○					○	●		258
A 30 M SPECIAL	●			●	○									260
TS 30 AP SPECIAL	●	●	●	●	●									259
C 24 R SUPRA												○	●	260
A 16 R SUPRA	●											○		261
A 30 R SUPRA	●													261
C 16 R SUPRA												○	●	262
C 30 R SUPRA												○	●	262

● = main application ○ = possible applications

# Kronenflex® grinding discs

for hand held machines

Grinding disc

## A 24 EXTRA



<b>Class</b>	EXTRA
<b>Bond</b>	■ ■ ■ ■ ■ □ □ □ □ □
<b>Aggression</b>	■ ■ ■ ■ □ □ □ □ □ □
<b>Service life</b>	■ ■ ■ ■ ■ □ □ □ □ □

<b>Applications:</b>	
Metals	●



**Advantages:** Standard disc with excellent price-performance ratio - For universal use in metal-working - Excellent results on all standard angle grinders

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4 x 1/4 x 5/8		80 m/s	15300 rpm	10	189004
4-1/2 x 1/4 x 7/8		80 m/s	13300 rpm	10	188465
4-1/2 x 1/4 x 7/8 X-LOCK		80 m/s	13300 rpm	10	351253
5 x 1/4 x 7/8		80 m/s	12200 rpm	10	188466
5 x 1/4 x 7/8 X-LOCK		80 m/s	12200 rpm	10	351252
6 x 1/4 x 7/8		80 m/s	10200 rpm	10	235371
7 x 1/4 x 7/8		80 m/s	8500 rpm	10	13444
7 x 5/16 x 7/8		80 m/s	8500 rpm	10	13446
9 x 1/4 x 7/8		80 m/s	6600 rpm	10	13447
9 x 5/16 x 7/8		80 m/s	6600 rpm	10	13448

Grinding disc

## A 24 EXTRA T



<b>Class</b>	EXTRA
<b>Bond</b>	■ ■ ■ ■ ■ □ □ □ □ □
<b>Aggression</b>	■ ■ ■ □ □ □ □ □ □ □
<b>Service life</b>	■ ■ ■ ■ ■ □ □ □ □ □

<b>Applications:</b>	
Metals	●

**Advantages:** Extra hard grinding disc - Optimal for edge work and for removal of stubborn burrs

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
7 x 1/4 x 7/8		80 m/s	8500 rpm	10	13794
7 x 5/16 x 7/8		80 m/s	8500 rpm	10	13445

# Kronenflex® grinding discs

for hand held machines



Grinding disc

## A 24 R SUPRA



Class	SUPRA	Applications:
Bond	■ ■ ■ ■ ■ □ □ □	Steel ●
Aggression	■ ■ ■ ■ ■ □ □ □	Stainless steel ○
Service life	■ ■ ■ ■ ■ □ □ □	Castings ○

**Advantages:** With optimized recipe for use on steel - Also suitable for use on stainless steel - Large product range

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4 x 1/4 x 5/8		80 m/s	15300 rpm	10	6578
4-1/2 x 1/4 x 7/8		80 m/s	13300 rpm	10	13401
5 x 1/4 x 7/8		80 m/s	12200 rpm	10	13402
6 x 1/4 x 7/8		80 m/s	10200 rpm	10	13403
7 x 3/8 x 7/8		80 m/s	8500 rpm	10	13423
7 x 1/4 x 7/8		80 m/s	8500 rpm	10	13413
7 x 5/16 x 7/8		80 m/s	8500 rpm	10	13418
9 x 3/16 x 7/8		80 m/s	6600 rpm	10	13428
9 x 1/4 x 7/8		80 m/s	6600 rpm	10	13433

Grinding disc

## A 24 R/01 SPECIAL



Class	SPECIAL	Applications:
Bond	■ ■ ■ ■ ■ □ □ □	Steel ●
Aggression	■ ■ ■ ■ ■ □ □ □	Stainless steel ○
Service life	■ ■ ■ □ □ □ □ □	

**Advantages:** Special disc for pipeline and tank construction - Suitable for root seams - For repair of weld seams

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
5 x 3/16 x 7/8		80 m/s	12200 rpm	10	130825
6 x 3/16 x 7/8		80 m/s	10200 rpm	10	235383
7 x 3/16 x 7/8		80 m/s	8500 rpm	10	13756

# Kronenflex® grinding discs

for hand held machines

Grinding disc INOX

## A 24 N SUPRA



<b>Class</b>	SUPRA
Bond	■ ■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ ■ □ □ □
Service life	■ ■ ■ ■ □ □ □ □

<b>Applications:</b>	
Stainless steel	●
Aluminium	○

**Advantages:** High removal rate on stainless steel - Optimal ratio between removal and wear

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 1/4 x 7/8		80 m/s	13300 rpm	10	2923
5 x 1/4 x 7/8		80 m/s	12200 rpm	10	2922
7 x 1/4 x 7/8		80 m/s	8500 rpm	10	13412
7 x 5/16 x 7/8		80 m/s	8500 rpm	10	13417
9 x 1/4 x 7/8		80 m/s	6600 rpm	10	13432

Grinding disc

## A 24 R/36 SPECIAL



<b>Class</b>	SPECIAL
Bond	■ ■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ ■ □ □ □
Service life	■ ■ ■ ■ ■ □ □ □

<b>Applications:</b>	
Stainless steel	●

**Advantages:** Special wheel for the nuclear industry - Free of iron, sulfur and chlorine - Optimal ratio between removal and wear

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 1/4 x 7/8		80 m/s	13300 rpm	10	2488
5 x 1/4 x 7/8		80 m/s	12200 rpm	10	2830
7 x 1/4 x 7/8		80 m/s	8500 rpm	10	2463

# Kronenflex® grinding discs

for hand held machines



Grinding disc

## A 24 TX SPECIAL



Class	SPECIAL	Applications:
Bond	■■■■■■■□	Castings ●
Aggression	■■■■□□□□	Stainless steel ○
Service life	■■■■■■■□	Steel ○

**Advantages:** Ideal for use on cast parts - High aggressiveness and long service life due to hardened aluminum oxide

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
5 x 1/4 x 7/8		80 m/s	12200 rpm	10	231251
6 x 1/4 x 7/8		80 m/s	10200 rpm	10	235370
7 x 1/4 x 7/8		80 m/s	8500 rpm	10	231252
9 x 1/4 x 7/8		80 m/s	6600 rpm	10	231254

Grinding disc

## A 24 TZ SPECIAL



Class	SPECIAL	Applications:
Bond	■■■■■■■□	Castings ●
Aggression	■■■■■■■□	Stainless steel ○
Service life	■■■■■■■□	Steel ○

**Advantages:** High-performance grinding disc for casting and steel processing

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
7 x 1/4 x 7/8		80 m/s	8500 rpm	10	164801
9 x 1/4 x 7/8		80 m/s	6600 rpm	10	163501

# Kronenflex® grinding discs

for hand held machines

Grinding disc

## A 624 T SUPRA



Class	SUPRA	Applications:
Bond	■■■■■■■□	Steel ●
Aggression	■■■■□□□□	Stainless steel ●
Service life	■■■■■■■□	Castings ●

**Advantages:** Special recipe for use on various materials - Optimal ratio between removal and wear

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 1/4 x 7/8		80 m/s	13300 rpm	10	325215
5 x 1/4 x 7/8		80 m/s	12200 rpm	10	325216
6 x 1/4 x 7/8		80 m/s	10200 rpm	10	327077
7 x 1/4 x 7/8		80 m/s	8500 rpm	10	325217
9 x 1/4 x 7/8		80 m/s	6600 rpm	10	325218

Grinding disc

## A 46 N SUPRA



Class	SUPRA	Applications:
Bond	■■■□□□□□	Aluminium ●
Aggression	■■■■■□□□	NF metals ○
Service life	■■■■■□□□	

**Advantages:** No clogging when used on non-ferrous metals - Optimal ratio between removal and wear

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 1/4 x 7/8		80 m/s	13300 rpm	10	6622
5 x 1/4 x 7/8		80 m/s	12200 rpm	10	2226
7 x 1/4 x 7/8		80 m/s	8500 rpm	10	13410
7 x 5/16 x 7/8		80 m/s	8500 rpm	10	13415

# Kronenflex® grinding discs

for hand held machines



Thin cut-off wheel & grinding disc

## A 46 VZ SPECIAL



Fe-S-CI  
<0,1%

Class	SPECIAL	Applications:
Bond	■■■■■■■□	Stainless steel ●
Aggression	■■■■■■■□	Steel ●
Service life	■■■■■■■□	NF metals ○

**Advantages:** Long service life - Multi-purpose: cutting and light rough grinding with one wheel - High aggressiveness in cutting - No change of wheel necessary

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 5/64 x 7/8		80 m/s	13300 rpm	25	298176
5 x 5/64 x 7/8		80 m/s	12200 rpm	25	298177

Thin cut-off wheel & grinding disc "Pipeliner"

## TS 30 AP SPECIAL



Class	SPECIAL	Applications:
Bond	■■■■□□□□	Stainless steel ●
Aggression	■■■■■■■□	Steel ○
Service life	■■■■■■■□	

**Advantages:** Long service life - Multi-purpose: cutting and light rough grinding with one tool - High aggressiveness in cutting - No change of wheel necessary

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 1/8 x 7/8		80 m/s	13300 rpm	10	324378
5 x 1/8 x 7/8		80 m/s	12200 rpm	10	314459
6 x 1/8 x 7/8		80 m/s	10200 rpm	10	314460
7 x 1/8 x 7/8		80 m/s	8500 rpm	10	324379

# Kronenflex® grinding discs

for hand held machines

Grinding disc

## A 30 M SPECIAL



Class	SPECIAL
Bond	■ ■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ □ □ □ □

Applications:	
Stainless steel	●
Steel	●

**Advantages:** 2 + 1 High performance grinding disc for working on stainless steel and steel processing

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 1/4 x 7/8		80 m/s	13300 rpm	10	310899
5 x 1/4 x 7/8		80 m/s	12200 rpm	10	310900
6 x 1/4 x 7/8		80 m/s	10200 rpm	10	310901
7 x 1/4 x 7/8		80 m/s	8500 rpm	10	310902

Grinding disc

## C 24 R SUPRA



Class	SUPRA
Bond	■ ■ ■ □ □ □ □ □
Aggression	■ ■ ■ □ □ □ □ □
Service life	■ ■ ■ □ □ □ □ □

Applications:	
Stone/Concrete	●
Castings	○

**NEW !**

**Advantages:** Ideal for use on stone and mineral materials - High removal rate due to sharp, coarse SiC grain

Diameter x Width x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/2 x 1/4 x 7/8		80 m/s	13300 rpm	10	6664
5 x 1/4 x 7/8		80 m/s	12200 rpm	10	6665
7 x 1/4 x 7/8		80 m/s	8500 rpm	10	13409

# Kronenflex® cup grinding wheels

for hand held machines



Cup grinding wheel

## A 16 R SUPRA



<b>Class</b>	SUPRA
Bond	■ ■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ □ □ □ □ □

<b>Applications:</b>	
Steel	●
Castings	○

**NEW** !

**Advantages:** For surface grinding and finish grinding of weld seams - Coarse grain for optimized aggressiveness

Diameter x Height x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/4 x 2-1/8 x 7/8		50 m/s	8600 rpm	6	13729

Cup grinding wheel

## A 30 R SUPRA



<b>Class</b>	SUPRA
Bond	■ ■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ □ □ □ □ □

<b>Applications:</b>	
Steel	●

**NEW** !

**Advantages:** For surface grinding and finish grinding of weld seams - Optimized aggressiveness and long service life

Diameter x Height x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/4 x 2-1/8 x 7/8		50 m/s	8600 rpm	6	13728

**Please observe: Use only on angle grinders with cup grinding wheel guard!**

# Kronenflex® cup grinding wheels

for hand held machines

Cup grinding wheel

## C 16 R SUPRA



<b>Class</b>	SUPRA
Bond	■ ■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ □ □ □ □ □

<b>Applications:</b>	
Stone/Concrete	●
Castings	○

**Advantages:** For use on surfaces and edges - For Stone and mineral materials - Optimized aggressiveness due to sharp, coarse SiC grain

**NEW !**

Diameter x Height x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/4 x 2-1/8 x 7/8		50 m/s	8600 rpm	6	13727

Cup grinding wheel

## C 30 R SUPRA



<b>Class</b>	SUPRA
Bond	■ ■ ■ ■ □ □ □ □
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ □ □ □ □ □

<b>Applications:</b>	
Stone/Concrete	●
Castings	○

**Advantages:** For use on surfaces and edges - Ideal for stone and mineral materials due to sharp, coarse SiC grain

**NEW !**

Diameter x Height x Bore	Form	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
4-1/4 x 2-1/8 x 7/8		50 m/s	8600 rpm	6	13726

**Please observe: Use only on angle grinders with cup grinding wheel guard!**

# Notes



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A large grid of small dots for taking notes.



# Diamond tools



Remain in full control of all processes: staying true to this motto, Klingspor managed to rise to be one of the world's first manufacturers of grinding and cutting tools. The company is now applying their extensive experience in research and development and manufacturing, their global network of distributors and their highly efficient service and logistics structure to their diamond tools.

Product	Machine	Application - Material	<b>SPECIAL</b>	<b>SUPRA</b>	<b>EXTRA</b>	Page
Diamond cutting blades Ø 4" - 9"	Angle grinder	Universal	<i>DT 900 U</i>	<i>DT 600 U</i>	<i>DT 300 U</i>	270-274
			<i>DT 900 UD</i>	<i>DT 612 UT</i>	<i>DT 350 U</i>	
			<i>DT 900 UT</i>		<i>DT 300 UT</i>	
		Concrete	<i>DT 900 B</i>		<i>DT 310 UT</i>	275-276
			<i>DT 900 K</i>		<i>DT 500 AC</i>	
		Lime sandstone, screed and abrasive materials			<i>DT 600 AS</i>	277
			<i>DT 900 G</i>	<i>DT 600 G</i>		
		Granite			<i>DT 600 GU</i>	277-278
			<i>DT 900 FL</i>	<i>DT 600 F</i>	<i>DT 300 F</i>	
		Tiles	<i>DT 900 FT</i>			279-281
<i>DT 900 FP</i>						
Mortar rake			<i>DN 600 U</i>	281		
Cup grinding wheels	Angle grinder	Concrete		<i>DS 600 B</i>	<i>DS 300 B</i>	282-283
			<i>DS 600 S</i>			
		Lime sandstone, screed and abrasive materials		<i>DS 600 A</i>		283
				<i>DS 600 GC</i>		
		Granite		<i>DS 600 GM</i>		284-285
	<i>DS 600 GF</i>					
Diamond cutting blades Ø 10" - 20"	Petrol powered cutter, Table saw, Joint cutter	Universal	<i>DT 900 U</i>	<i>DT 600 U</i>	<i>DT 300 U</i>	286-289
			<i>DT 900 US</i>	<i>DT 612 UT</i>	<i>DT 310 UT</i>	
					<i>DT 350 U</i>	
		Clinker	<i>DT 900 K</i>			289
		Refractory brick	<i>DT 900 R</i>			290
		Asphalt	<i>DT 902 A</i>	<i>DT 602 A</i>	<i>DT 350 A</i>	291-293
			<i>DT 910 A</i>	<i>DT 612 A</i>		
		Asphalt / concrete		<i>DT 612 AB</i>	<i>DT 350 AB</i>	294
			<i>DT 910 BF</i>			
		Green concrete				295
		Concrete	<i>DT 900 B</i>	<i>DT 602 B</i>	<i>DT 350 B,</i> <i>DT 350 BT</i>	296-298
			<i>DT 902 B</i>			
<i>DT 910 B</i>						
Reduction rings			<i>DZ 100 RR</i>	299		
Drill bits	Drill stand	Concrete		<i>DK 654 B</i>		
		Individual segments, ring segments	<i>DO 900 B</i>	<i>DE 600 B</i>		
	Drilling machine	Tiles		<i>DB 600 F</i>		
		Hole starting aid			<i>ABH 80</i>	

## The three product lines

The right tool for every application: Klingspor diamond tools are available in three product lines that are colour-coded to provide the user with a quick overview of the most important materials for which the tools are suitable.



### **SPECIAL**

**Product line 900** – High performance tools offering outstanding cutting 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.



### **SUPRA**

**Product line 600** – Professional tools with an exceptional price-performance ratio. For users who require diamond tools that deliver reliable and powerful performance every day.



### **EXTRA**

**Product line 300** – Brand name quality at an affordable price. For users who expect their tools to meet professional standards, but do not need to use them continuously.



1. Klingspor cat. number
2. Product group / type
3. Applications
4. Safety pictograms
5. Max. operating speed
6. Klingspor logo

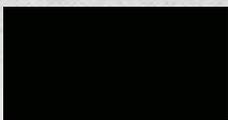


7. Information about the manufacturer
8. Safety standard
9. Dimensions in mm and inches
10. Max. RPM
11. Rotational direction

## Colour coding system of the Klingspor® diamond tools

### Asphalt

Black



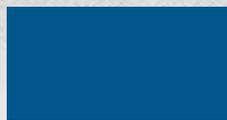
### Tiles

Green



### Stone / Fireproof

Blue



### Concrete

Red



### Universal

White



## Pictograms on the product pages



Wet and dry applications



Wet applications



Dry applications



Conical segment



Wet applications



Dry applications



Turbo



Detenso steel core



Sandwich core



Drop segments



No undercutting



Laser welded



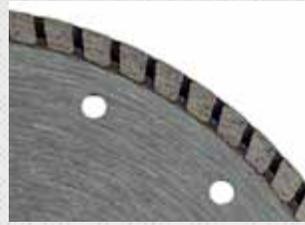
Inclined safety segment



Inclined protective segments



- 1.**
- 
- Standard gullet**
- ▶ rapid feed rate
  - ▶ exceptional cutting properties



- 2.**
- 
- Turbo continuous rim**
- ▶ exceptionally smooth operation
  - ▶ clean cutting edges



- 3.**
- 
- Continuous rim**
- ▶ clean cutting edges
  - ▶ work with superior precision
  - ▶ short cutting times



- 4.**
- 
- Turbo segments**
- ▶ exceptionally smooth operation
  - ▶ clean cutting edges
  - ▶ fast cutting speed
  - ▶ long service life



- 5.**
- 
- Short segments**
- ▶ first-rate cutting performance
  - ▶ clean cutting edges



- 6.**
- 
- Wide gullet**
- ▶ high feed rate



- 7.**
- 
- Narrow gullet**
- ▶ clean cut
  - ▶ exceptionally smooth operation thanks to narrow segment spacings



- 8.**
- 
- Hammer segments**
- ▶ prevent rear grinding
  - ▶ prevent segments tearing off
  - ▶ optimal protection thanks to segments soldered in



- 9.**
- 
- Continuous rim with special geometry**
- ▶ for extra clean cutting edges
  - ▶ soft and comfortable cutting performance



- 10.**
- 
- Continuous rim with laser-cut slots**
- ▶ for fine and clean cutting edges
  - ▶ specially designed for ceramic and fine stoneware



## Number of revolutions

Diamond tools made by Klingspor are high performance products and have been engineered to reach their highest level of performance at a level immediately below their maximum peripheral surface speeds. The maximum permissible values for motor speed and operating speed are indicated on every diamond blade. The table

below contains all permissible maximum speeds as a function of the diameter and the maximum permissible operating speed of the diamond tools.

		Maximum operating speed [m/s]									
		30	35	40	45	50	55	60	70	80	100
Ø ["]	8"	2865	3342	3820	4297	4775	5252	5730	6685	7640	
	9"	2491	2906	3322	3737	4152	4567	4982	5813	6643	
	10"	2292	2674	3056	3438	3820	4202	4584	5348	6112	
	12"	1910	2228	2547	2865	3183	3502	3820	4456	5093	6360
	14"	1637	1910	2183	2456	2728	3001	3274	3820	4366	5450
	16"	1432	1671	1910	2149	2387	2626	2865	3342	3820	4770
	18"	1273	1485	1698	1910	2122	2334	2547	2971	3395	4240
	20"	1146	1337	1528	1719	1910	2101	2292	2674	3056	3810
	22"	1042	1215	1389	1563	1736	1910	2084	2431	2778	
	24"	955	1114	1273	1432	1592	1751	1910	2228	2547	

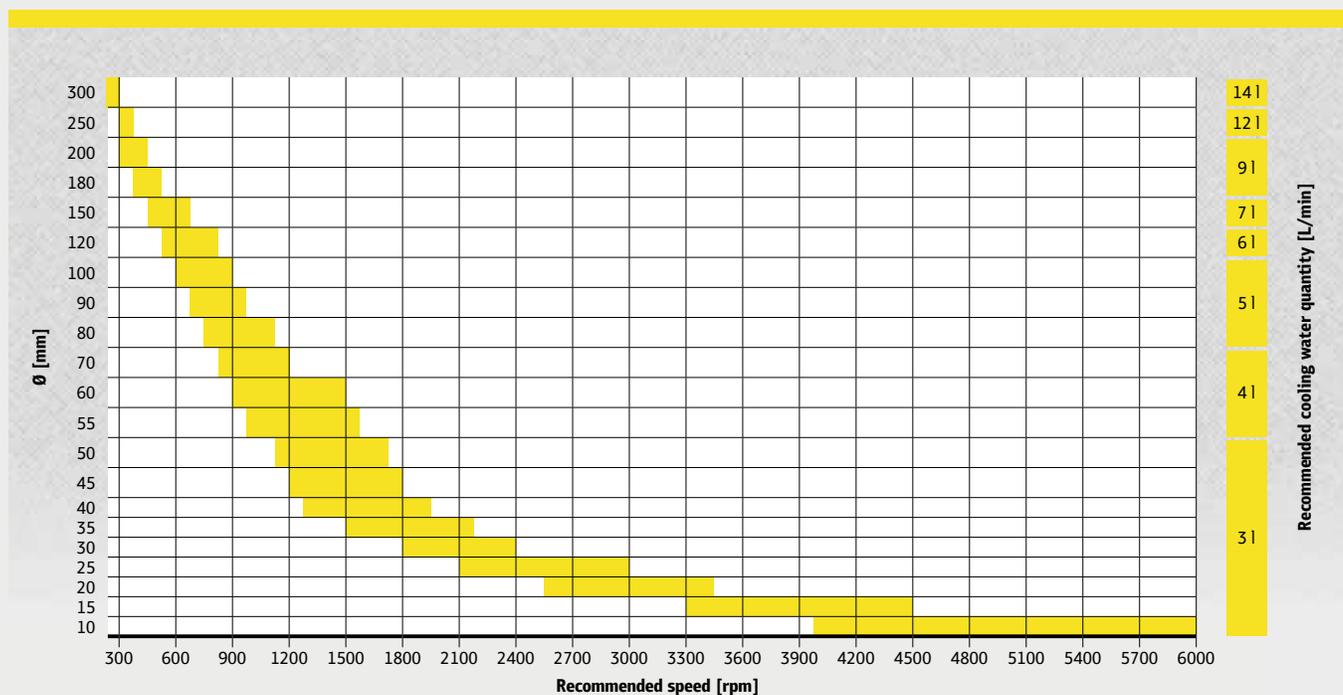
## Motor speeds and cooling water quantity

### The recommended speed range

The chart illustrates the ideal speed range for drill bits as a function of the diameter and the maximum permissible operating speed.

### Recommended cooling water quantity

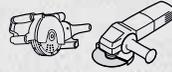
Drill bits require cooling with water regardless of the material on which they are used. Refer to the right side of the table for the recommended quantity of cooling water.



# Diamond cutting blades for angle grinders

Diamond cutting blade

## DT 300 U EXTRA



**NEW** !

### Properties

Design	Sintered
Segmentation	Standard
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ □ □ □ □

### Applications:

Construction materials	●
Concrete, universal	●

**Advantages:** Product for universal use on general construction material - Excellent cutting performance - Great price-performance ratio

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
4-1/2 x 7/8	80 m/s	13300 rpm	8 / 1-1/2 / 1/16 / 1/4	1	325345
5 x 7/8	80 m/s	12200 rpm	9 / 1-7/16 / 1/16 / 1/4	1	325346
7 x 7/8	80 m/s	8500 rpm	13 / 1-1/2 / 5/64 / 1/4	1	325347
9 x 7/8	80 m/s	6600 rpm	16 / 1-9/16 / 3/32 / 1/4	1	325348

Diamond cutting blade

## DT 350 U EXTRA



**NEW** !

### Properties

Design	Laser welded
Segmentation	Standard
Aggression	■ ■ ■ ■ ■ □ □
Service life	■ ■ ■ ■ ■ □ □

### Applications:

Construction materials	●
Concrete, universal	●

**Advantages:** Product with laser-welded standard segments for universal use on general construction materials - Smooth, fast and low-vibration cutting with unmatched service life - Optimum price-performance ratio

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
4-1/2 x 7/8	80 m/s	13300 rpm	8 / 1-5/16 / 3/32 / 3/8	1	336214
5 x 7/8	80 m/s	12200 rpm	9 / 1-5/16 / 3/32 / 3/8	1	336215
7 x 7/8	80 m/s	8500 rpm	11 / 1-5/8 / 7/64 / 3/8	1	336216
9 x 7/8	80 m/s	6600 rpm	15 / 1-5/8 / 7/64 / 3/8	1	336219

# Diamond cutting blades for angle grinders



Diamond cutting blade

## DT 600 U SUPRA



**NEW** !

### Properties

Design	Laser welded
Segmentation	Short segments
Aggression	■■■■■□□
Service life	■■■■■□□

### Applications:

Construction materials	●
Concrete, universal	●
Cured concrete, reinforced	●
Chalky sandstone	●

**Advantages:** Suitable for a various range of applications - First-rate cutting performance - Exceptional service life thanks to the use of premium grade raw materials and diamonds - Clean cutting edges

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
4 x 5/8	80 m/s	15300 rpm	11 / 3/4 / 3/32 / 3/8	1	325025
4-1/2 x 7/8	80 m/s	13300 rpm	13 / 3/4 / 3/32 / 3/8	1	322630
5 x 7/8	80 m/s	12200 rpm	15 / 3/4 / 3/32 / 3/8	1	322631
5-1/2 x 7/8	80 m/s	11000 rpm	17 / 3/4 / 3/32 / 3/8	1	325046
6 x 7/8	80 m/s	10200 rpm	18 / 3/4 / 3/32 / 3/8	1	322632
7 x 7/8	80 m/s	8500 rpm	22 / 3/4 / 7/64 / 3/8	1	322633
9 x 7/8	80 m/s	6600 rpm	30 / 3/4 / 7/64 / 3/8	1	322634

Diamond cutting blade

## DT 612 UT SUPRA



**NEW** !

### Properties

Design	Laser welded
Segmentation	Turbo
Aggression	■■■■■□□
Service life	■■■■■□□

### Applications:

Construction materials	●
Concrete, universal	●
Cured concrete, reinforced	●
Chalky sandstone	●

**Advantages:** Special turbo segments for an extremely high cutting speed on almost all hard materials - Excellent service life even on reinforced concrete

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
4-1/2 x 7/8	80 m/s	13300 rpm	8 / 1-5/16 / 3/32 / 1/2	1	334044
5 x 7/8	80 m/s	12200 rpm	9 / 1-5/16 / 3/32 / 1/2	1	334045
6 x 7/8	80 m/s	10200 rpm	11 / 1-5/16 / 3/32 / 1/2	1	345388
7 x 7/8	80 m/s	8500 rpm	11 / 1-5/8 / 7/64 / 1/2	1	334046
9 x 7/8	80 m/s	6600 rpm	15 / 1-5/8 / 7/64 / 1/2	1	334047

# Diamond cutting blades for angle grinders

Diamond cutting blade

## DT 900 U SPECIAL



### Properties

Design	Lasar welded
Segmentation	Turbo
Aggression	■■■■■■■■■
Service life	■■■■■■■■■



### Applications:

Construction materials	●	Hard stone	●
Concrete, universal	●		
Cured concrete, reinforced	●		
Chalky sandstone	●		

**NEW** !

**Advantages:** Ultra fast cutting speed on almost any hard material thanks to specially designed turbo segments - Further increased service life thanks to titanium-coated diamonds even on reinforces concrete

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
4-1/2 x 7/8	80 m/s	13300 rpm	8 / 1-5/16 / 3/32 / 1/2	1	325206
5 x 7/8	80 m/s	12200 rpm	9 / 1-5/16 / 3/32 / 1/2	1	325209
7 x 7/8	80 m/s	8500 rpm	11 / 1-5/8 / 7/64 / 1/2	1	325028
9 x 7/8	80 m/s	6600 rpm	15 / 1-5/8 / 7/64 / 1/2	1	325045

Diamond cutting blade

## DT 900 UD SPECIAL



### Properties

Design	Lasar welded
Segmentation	Turbo
Aggression	■■■■■■■■■
Service life	■■■■■■■■■



### Applications:

Cured concrete, reinforced	●	Hard stone	●
Concrete, universal	●		
Construction materials	●		
Chalky sandstone	●		

**NEW** !

**Advantages:** Ultra fast cutting speed thanks to specially designed turbo segments - Low vibration detenso core for efficient noise reduction - Extended service life thanks to titanium-coated diamonds, suitable for use on almost any hard material

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
9 x 7/8	80 m/s	6600 rpm	15 / 1-5/8 / 7/64 / 1/2	1	325210

# Diamond cutting blades for angle grinders



Diamond cutting blade

## DT 300 UT EXTRA



### Properties

Design	Sintered
Segmentation	Turbo continuous rim
Aggression	■■■■■□□□
Service life	■■■■■□□□



### Applications:

Construction materials	●
Concrete, universal	●
Roof tiles	●

**NEW** !

**Advantages:** Suitable for a various range of applications - Excellent cutting performance - Great price-performance ratio - Turbo segments for clean and nick-free edges - Ideal for roofers

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Rim / Width / Height	Packing unit/pcs.	Article number
4 x 5/8 / 7/8	80 m/s	15300 rpm	CR / CR / 5/64 / 1/4	1	330625
4-1/2 x 7/8	80 m/s	13300 rpm	CR / CR / 5/64 / 1/4	1	325353
5 x 7/8	80 m/s	12200 rpm	CR / CR / 5/64 / 1/4	1	325354
7 x 7/8	80 m/s	8500 rpm	CR / CR / 3/32 / 1/4	1	325355
9 x 7/8	80 m/s	6600 rpm	CR / CR / 3/32 / 1/4	1	325356

Diamond cutting blade

## DT 310 UT EXTRA



### Properties

Design	Sintered
Segmentation	Turbo continuous rim
Aggression	■■■■■□□□
Service life	■■■■■□□□



### Applications:

Construction materials	●
Concrete, universal	●
Roof tiles	●

**NEW** !

**Advantages:** All-purpose - Excellent cutting performance, great price-performance ratio - Turbo segments for clean and nick-free edges - Ideal for roofers - For cutting clay and roof tiles

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Rim / Width / Height	Packing unit/pcs.	Article number
4 x 5/8 / 7/8	80 m/s	15300 rpm	CR / CR / 5/64 / 3/8	1	334087
4-1/2 x 7/8	80 m/s	13300 rpm	CR / CR / 5/64 / 3/8	1	334088
5 x 7/8	80 m/s	12200 rpm	CR / CR / 5/64 / 3/8	1	334089
7 x 7/8	80 m/s	8500 rpm	CR / CR / 3/32 / 3/8	1	334090
9 x 7/8	80 m/s	6600 rpm	CR / CR / 3/32 / 3/8	1	334091

# Diamond cutting blades for angle grinders

Diamond cutting blade

## DT 500 AC ACCU



**NEW** !

### Properties

Design	Sintered
Segmentation	Turbo continuous rim
Aggression	■■■■■□□
Service life	■■■■■□□

### Applications:

Construction materials	●
Concrete, universal	●

**Advantages:** All-rounder with turbo segments for clean and nick-free edges - Optimized cutting performance for all battery-powered angle grinders

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Rim / Width / Height	Packing unit/pcs.	Article number
4-1/2 x 7/8	80 m/s	13300 rpm	CR / CR / 5/64 / 1/4	1	331229
5 x 7/8	80 m/s	12200 rpm	CR / CR / 5/64 / 1/4	1	331230

Diamond cutting blade

## DT 900 UT SPECIAL



**NEW** !

### Properties

Design	Sintered
Segmentation	Turbo continuous rim
Aggression	■■■■■□□
Service life	■■■■■□□

### Applications:

Concrete, universal	●
Construction materials	●
Roof tiles	●

**Advantages:** Wave-shaved steel core - Use on construction material - Clean cutting edges - High aggressiveness

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Rim / Width / Height	Packing unit/pcs.	Article number
4 x 5/8 / 7/8	80 m/s	15300 rpm	CR / CR / 3/32 / 3/8	1	330626
4-1/2 x 7/8	80 m/s	13300 rpm	CR / CR / 3/32 / 3/8	1	325364
5 x 7/8	80 m/s	12200 rpm	CR / CR / 3/32 / 3/8	1	325365
7 x 7/8	80 m/s	8500 rpm	CR / CR / 3/32 / 3/8	1	325366
9 x 7/8	80 m/s	6600 rpm	CR / CR / 3/32 / 3/8	1	325367

# Diamond cutting blades for angle grinders



Diamond cutting blade

## DT 350 B EXTRA



### Properties

Design	Laser welded
Segmentation	Standard
Aggression	■■■■■□□
Service life	■■■■■□□



### Applications:

Concrete	●
Cured concrete, reinforced	●

**NEW** !

**Advantages:** Diamond cutting disc with good price-performance ratio for working on concrete materials - Fast cutting with low vibration - Optimum service life

Diameter x Bore	Max. operating speed	Max. RPM	Segment:	Packing unit/pcs.	Article number
			Number / Length / Width / Height		
5 x 7/8	80 m/s	12200 rpm	9 / 1-5/16 / 3/32 / 3/8	1	339828
6 x 7/8	80 m/s	10200 rpm	11 / 1-5/16 / 3/32 / 3/8	1	345382
9 x 7/8	80 m/s	6600 rpm	15 / 1-5/8 / 7/64 / 3/8	1	339829

Diamond cutting blade

## DT 350 BT EXTRA



### Properties

Design	Laser welded
Segmentation	Turbo
Aggression	■■■■■□□
Service life	■■■■■□□



### Applications:

Concrete	●
Cured concrete, reinforced	●

**NEW** !

**Advantages:** Special turbo segments for an extremely high cutting speed on almost all hard materials - Fast cutting with low vibration - Optimum service life - Optimum price-performance ratio

Diameter x Bore	Max. operating speed	Max. RPM	Segment:	Packing unit/pcs.	Article number
			Number / Length / Width / Height		
4-1/2 x 7/8	80 m/s	13300 rpm	8 / 1-5/16 / 3/32 / 3/8	1	354790
5 x 7/8	80 m/s	12200 rpm	9 / 1-5/16 / 3/32 / 3/8	1	354791
6 x 7/8	80 m/s	10200 rpm	11 / 1-5/16 / 3/32 / 3/8	1	354792
7 x 7/8	80 m/s	8500 rpm	11 / 1-5/8 / 7/64 / 3/8	1	354793
9 x 7/8	80 m/s	6600 rpm	15 / 1-5/8 / 7/64 / 3/8	1	354794

# Diamond cutting blades for angle grinders

Diamond cutting blade

## DT 900 B SPECIAL



### Properties

Design	Laser welded
Segmentation	Standard
Aggression	■■■■■■■■
Service life	■■■■■■■■



### Applications:

Cured concrete, reinforced	●
Concrete, universal	●
Chalky sandstone	⦿
Construction materials	⦿

**NEW** !

**Advantages:** Titanium-coated diamonds for first-rate cutting performance - Fast cutting speed even on reinforced concrete - Unrivalled service life - Designed for professional applications on concrete

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
4-1/2 x 7/8	80 m/s	13300 rpm	8 / 1-5/16 / 3/32 / 1/2	1	325205
5 x 7/8	80 m/s	12200 rpm	9 / 1-5/16 / 3/32 / 1/2	1	325208
7 x 7/8	80 m/s	8500 rpm	11 / 1-5/8 / 7/64 / 1/2	1	325027
9 x 7/8	80 m/s	6600 rpm	15 / 1-5/8 / 7/64 / 1/2	1	325034

Diamond cutting blade

## DT 900 K SPECIAL



### Properties

Design	Laser welded
Segmentation	Standard
Aggression	■■■■■■□□
Service life	■■■■■■□□



### Applications:

Clinker	●
Concrete products	⦿
Construction materials	⦿

**NEW** !

**Advantages:** Exceptional cutting performance - Outstanding service life and clean cutting edges - Particularly well suited for clinker of all degrees of hardness

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
4-1/2 x 7/8	80 m/s	13300 rpm	8 / 1-5/16 / 3/32 / 1/2	1	325204
5 x 7/8	80 m/s	12200 rpm	9 / 1-5/16 / 3/32 / 1/2	1	325207
7 x 7/8	80 m/s	8500 rpm	11 / 1-5/8 / 7/64 / 1/2	1	325026
9 x 7/8	80 m/s	6600 rpm	15 / 1-5/8 / 7/64 / 1/2	1	325033

# Diamond cutting blades for angle grinders



Diamond cutting blade

## DT 600 AS SUPRA



### Properties

Design	Laser welded
Segmentation	Standard
Aggression	■ ■ ■ ■ ■ □ □ □
Service life	■ ■ ■ ■ ■ ■ ■ ■



### Applications:

Chalky sandstone	●
------------------	---

**NEW** !

**Advantages:** The use of hard segments lets the blade achieve an outstanding service life - Perfectly suited for sandstone, chalky sandstone and abrasive materials

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
4-1/2 x 7/8	80 m/s	13300 rpm	8 / 1-5/16 / 3/32 / 1/2	1	334039
5 x 7/8	80 m/s	12200 rpm	9 / 1-5/16 / 3/32 / 1/2	1	334040
6 x 7/8	80 m/s	10200 rpm	11 / 1-5/16 / 3/32 / 1/2	1	336180
7 x 7/8	80 m/s	8500 rpm	11 / 1-5/8 / 7/64 / 1/2	1	334041
9 x 7/8	80 m/s	6600 rpm	15 / 1-5/8 / 7/64 / 1/2	1	334042

Diamond cutting blade

## DT 600 G SUPRA



### Properties

Design	Laser welded
Segmentation	Short segments
Aggression	■ ■ ■ ■ ■ □ □ □
Service life	■ ■ ■ ■ □ □ □ □



### Applications:

Granite	●
Terrazzo	●

**NEW** !

**Advantages:** High stock removal rate - Excellent service life - Clean cutting - Great price-performance ratio - Suitable for all types of granite

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
4-1/2 x 7/8	80 m/s	13300 rpm	13 / 3/4 / 3/32 / 3/8	1	325030
5 x 7/8	80 m/s	12200 rpm	15 / 3/4 / 3/32 / 3/8	1	325032
7 x 7/8	80 m/s	8500 rpm	22 / 3/4 / 7/64 / 3/8	1	325096
9 x 7/8	80 m/s	6600 rpm	30 / 3/4 / 7/64 / 3/8	1	325162

# Diamond cutting blades for angle grinders

Diamond cutting blade

## DT 600 GU SUPRA



### Properties

Design	Laser welded
Segmentation	Standard
Aggression	■■■■■■□□
Service life	■■■■■■□□



### Applications:

Granite	●
Terrazzo	●

**NEW** !

**Advantages:** High stock removal rate - Excellent service life - Clean cutting - Great price-performance ratio - Suitable for all types of granite

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
4-1/2 x 7/8	80 m/s	13300 rpm	8 / 1-5/16 / 3/32 / 3/8	1	336614
5 x 7/8	80 m/s	12200 rpm	9 / 1-5/16 / 3/32 / 3/8	1	336615
7 x 7/8	80 m/s	8500 rpm	11 / 1-5/8 / 7/64 / 3/8	1	336616
9 x 7/8	80 m/s	6600 rpm	15 / 1-5/8 / 7/64 / 3/8	1	336617

Diamond cutting blade

## DT 900 G SPECIAL



### Properties

Design	Laser welded
Segmentation	Narrow gullet
Aggression	■■■■■■■■
Service life	■■■■■■■■



### Applications:

Granite	●
Porphyry, quartzite	●
Terrazzo	●

**NEW** !

**Advantages:** Outstanding cutting properties thanks to particularly narrow spacing of the tapered segments - Low vibration detenso core for efficient noise reduction - Smooth and quiet cutting with clean cutting edges - Long service life - Also the perfect choice for all types of granite including porphyry and quartzite

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
4-1/2 x 7/8	80 m/s	13300 rpm	12 / 1-1/8 / 3/32 / 1/2	1	325029
5 x 7/8	80 m/s	12200 rpm	13 / 1-1/8 / 3/32 / 1/2	1	325031
7 x 7/8	80 m/s	8500 rpm	18 / 1-1/8 / 7/64 / 1/2	1	325049
9 x 7/8	80 m/s	6600 rpm	24 / 1-1/8 / 7/64 / 1/2	1	325115

# Diamond cutting blades for angle grinders



Diamond cutting blade

## DT 300 F EXTRA



**NEW** !

### Properties

Design	Sintered
Segmentation	Continuous rim
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ □ □ □ □

### Applications:

Tiles	●
Stove tiles	●

**Advantages:** Clean edges when used for cutting tiles - Attractively priced quality wheel

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Rim / Width / Height	Packing unit/pcs.	Article number
4 x 5/8 / 7/8	80 m/s	15300 rpm	CR / CR / 1/16 / 1/4	1	330623
4-1/2 x 7/8	80 m/s	13300 rpm	CR / CR / 1/16 / 1/4	1	325357
5 x 7/8	80 m/s	12200 rpm	CR / CR / 1/16 / 1/4	1	325358
7 x 7/8	80 m/s	8500 rpm	CR / CR / 1/16 / 1/4	1	325359
9 x 7/8	80 m/s	6600 rpm	CR / CR / 5/64 / 1/4	1	325360

Diamond cutting blade

## DT 600 F SUPRA



**NEW** !

### Properties

Design	Sintered
Segmentation	Continuous rim
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ □ □ □ □

### Applications:

Stoneware	●
Stove tiles	●
Stove tiles, glazed	●

**Advantages:** Professional wheel for tiles and feldspar - For precision working - Short cutting-off times - Clean edges

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Rim / Width / Height	Packing unit/pcs.	Article number
4 x 5/8 / 7/8	80 m/s	15300 rpm	CR / CR / 1/16 / 1/4	1	330624
4-1/2 x 7/8	80 m/s	13300 rpm	CR / CR / 1/16 / 1/4	1	325368
5 x 7/8	80 m/s	12200 rpm	CR / CR / 1/16 / 1/4	1	325369
6 x 7/8	80 m/s	10200 rpm	CR / CR / 1/16 / 1/4	1	325370
7 x 7/8	80 m/s	8500 rpm	CR / CR / 1/16 / 1/4	1	325371
9 x 7/8	80 m/s	6600 rpm	CR / CR / 5/64 / 1/4	1	325372

# Diamond cutting blades for angle grinders

Diamond cutting blade

## DT 900 FL SPECIAL



**NEW** !

### Properties

Design	Sintered
Segmentation	Continuous rim, with laser-cut slots
Aggression	■■■■■■■□
Service life	■■■■■■■□

### Applications:

Wall tiles	●	Marble	●
Floor tiles	●		
Porcelain	●		
Ceramics	●		

**Advantages:** High-precision tool for hard wall and floor tiles - Laser-cut slots for exceptionally smooth operation and perfectly cut edges

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Rim / Width / Height	Packing unit/pcs.	Article number
4-1/2 x 7/8	80 m/s	13300 rpm	CR / CR / 1/16 / 1/4	1	331042
5 x 7/8	80 m/s	12200 rpm	CR / CR / 1/16 / 1/4	1	331043
7 x 7/8	80 m/s	8500 rpm	CR / CR / 1/16 / 1/4	1	331044
9 x 7/8	80 m/s	6600 rpm	CR / CR / 5/64 / 1/4	1	331041

Diamond cutting blade

## DT 900 FT SPECIAL



**NEW** !

### Properties

Design	Sintered
Segmentation	Turbo continuous rim
Aggression	■■■■■■■
Service life	■■■■■■■□

### Applications:

Stoneware	●
Stove tiles	●
Stove tiles, glazed	●
Granite	●

**Advantages:** 1/16 " thin professional blade for extremely demanding applications - Work results of superior quality - Continuous rim with turbo segments - Clean and nick-free edges

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Rim / Width / Height	Packing unit/pcs.	Article number
4 x 5/8 / 7/8	80 m/s	15300 rpm	CR / CR / 1/16 / 5/16	1	330627
4-1/2 x 7/8	80 m/s	13300 rpm	CR / CR / 1/16 / 5/16	1	325392
5 x 7/8	80 m/s	12200 rpm	CR / CR / 1/16 / 5/16	1	325393
7 x 7/8	80 m/s	8500 rpm	CR / CR / 5/64 / 1/4	1	330628
9 x 7/8	80 m/s	6600 rpm	CR / CR / 5/64 / 1/4	1	330629

# Diamond cutting blades for angle grinders



Diamond cutting blade

## DT 900 FP SPECIAL



**NEW** !

### Properties

Design	Sintered
Segmentation	Continuous rim, with special geometry
Aggression	■■■■■■■■■
Service life	■■■■■■■■□

### Applications:

Hard floor tiles	●	Ceramics	●
Porcelain	●		
Hard wall tiles	●		
Hard fine stoneware	●		

**Advantages:** Extra thin disc for hard tiles and porcelain - The special geometry allows for superior cutting speeds and perfectly cut edges

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Rim / Width / Height	Packing unit/pcs.	Article number
4-1/2 x 7/8	80 m/s	13300 rpm	CR / CR // 1/16 / 3/8	1	331039
5 x 7/8	80 m/s	12200 rpm	CR / CR // 1/16 / 3/8	1	331040

Mortar Rake

## DN 600 U SUPRA



**NEW** !

### Properties

Design	Laser welded
Segmentation	Standard
Aggression	■■■■■■■■□
Service life	■■■■■■■■□

### Applications:

Mortar joints	●
Plaster	●
Aerated concrete	●

**Advantages:** Special broaching wheel with robust design for removing mortar from bricks, natural stones and clinker facades - Specially designed hammer segments - Optimum protection of the steel core

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
3 x 7/8	80 m/s	19100 rpm	6 / 1-3/16 / 1/4 / 1/4	1	330630
4-1/2 x 7/8	80 m/s	13300 rpm	9 / 1-1/4 / 1/4 / 1/4	1	330631
4-1/2 x 7/8	80 m/s	13300 rpm	9 / 1-1/4 / 5/16 / 1/4	1	330658
4-1/2 x 7/8	80 m/s	13300 rpm	9 / 1-1/4 / 3/8 / 1/4	1	330663
4-1/2 x 7/8	80 m/s	13300 rpm	9 / 1-5/16 / 11/64 / 1/4	1	325380
5 x 7/8	80 m/s	12200 rpm	10 / 1-1/4 / 1/4 / 1/4	1	330632
5 x 7/8	80 m/s	12200 rpm	10 / 1-1/4 / 5/16 / 1/4	1	330662
5 x 7/8	80 m/s	12200 rpm	10 / 1-1/4 / 3/8 / 1/4	1	330664
5 x 7/8	80 m/s	12200 rpm	10 / 1-5/16 / 11/64 / 1/4	1	325381

# Diamond cup grinding wheels for angle grinders

Diamond cup grinding wheel

## DS 300 B EXTRA



**NEW** !

### Properties

Design	Brazed
Segmentation	Standard
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ □ □ □ □

### Applications:

Concrete	●
Scree	●
Construction materials	●

**Advantages:** Double row cup grinding wheel with outstanding stock removal performance - High aggressiveness at low force requirements - Exceptional price-performance ratio

Diameter x Bore	Cup grinding wheel height	Max. operating speed	Max. RPM	Segment: Number / Width / Height	Packing unit/pcs.	Article number
4 x 5/8 / 7/8	3/4	80 m/s	15300 rpm	14 / 1/4 / 3/16	1	330622
4-1/2 x 7/8	3/4	80 m/s	13300 rpm	14 / 5/16 / 3/16	1	325361
5 x 7/8	1	80 m/s	12200 rpm	18 / 1/4 / 3/16	1	325362
7 x 7/8	1-1/4	80 m/s	8500 rpm	22 / 5/16 / 3/16	1	325363

Diamond cup grinding wheel

## DS 600 B SUPRA



**NEW** !

### Properties

Design	Brazed
Segmentation	Standard
Aggression	■ ■ ■ ■ ■ □ □ □
Service life	■ ■ ■ ■ ■ □ □ □

### Applications:

Concrete	●
Scree	●
Construction materials	●

**Advantages:** Double row cup grinding wheel for machining concrete and abrasive materials - Efficient dust extraction - Aggressive grinding performance - Long service life

Diameter x Bore	Thread	Cup grinding wheel height	Max. operating speed	Max. RPM	Segment: Number / Width / Height	Packing unit/pcs.	Article number
4 x 5/8 / 7/8		3/4	80 m/s	15300 rpm	16 / 5/16 / 3/16	1	330621
4-1/2 x 5/8	5/8-11	3/4	80 m/s	13300 rpm	16 / 5/16 / 3/16	1	337286
4-1/2 x 7/8		3/4	80 m/s	13300 rpm	16 / 5/16 / 3/16	1	325377
5 x 5/8	5/8-11	1	80 m/s	12200 rpm	16 / 5/16 / 3/16	1	337287
5 x 7/8		1	80 m/s	12200 rpm	20 / 5/16 / 3/16	1	325378
7 x 5/8	5/8-11	1-1/4	80 m/s	8500 rpm	24 / 5/16 / 3/16	1	337288
7 x 7/8		1-1/4	80 m/s	8500 rpm	24 / 5/16 / 3/16	1	325379

# Diamond cup grinding wheels for angle grinders



Diamond cup grinding wheel

## DS 600 S SUPRA



**NEW**

### Properties

Design	Brazed
Segmentation	Standard
Aggression	■■■■■□□
Service life	■■■■■□

### Applications:

Concrete	●	Brickwork	●
Firebrick	●		
Natural stone	●		
Masonry	●		

**Advantages:** Excellent dust extraction thanks to specially designed (fan-shaped) opening - Low weight thanks to lightweight steel plate - Rugged performance and operation with minimum vibrations

Diameter x Bore	Cup grinding wheel height	Max. operating speed	Max. RPM	Segment: Number / Width / Height	Packing unit/pcs.	Article number
4 x 5/8 / 7/8	3/4	80 m/s	15300 rpm	16 / 5/16 / 3/16	1	331022
4-1/2 x 7/8	3/4	80 m/s	13300 rpm	16 / 5/16 / 3/16	1	331023
5 x 7/8	3/4	80 m/s	12200 rpm	16 / 5/16 / 3/16	1	331024
7 x 7/8	1-1/4	80 m/s	8500 rpm	24 / 5/16 / 3/16	1	331025

Diamond cup grinding wheel

## DS 600 A SUPRA



**NEW**

### Properties

Design	Brazed
Segmentation	Standard
Aggression	■■■■■□□
Service life	■■■■■□

### Applications:

Asphalt	●	Sandstone	●
Abrasive materials	●		
Green concrete	●		
Aerated concrete	●		

**Advantages:** An ideal match with all types of abrasive materials - Outstanding grinding performance combined with a long service life - Fast and smooth grinding of surfaces thanks to double-row segments - Extended service life thanks to optimized matrix and diamonds - Simple dust extraction through openings in the steel enclosure

Diameter x Bore	Cup grinding wheel height	Max. operating speed	Max. RPM	Segment: Number / Width / Height	Packing unit/pcs.	Article number
4 x 5/8 / 7/8	3/4	80 m/s	15300 rpm	14 / 5/16 / 3/16	1	331026
4-1/2 x 7/8	3/4	80 m/s	13300 rpm	14 / 5/16 / 3/16	1	331027
5 x 7/8	1	80 m/s	12200 rpm	18 / 5/16 / 3/16	1	331028
7 x 7/8	1-1/4	80 m/s	8500 rpm	22 / 5/16 / 3/16	1	331029

# Diamond cup grinding wheels for angle grinders

Diamond cup grinding wheel

## DS 600 GC SUPRA



### Properties

Design	Brazed
Segmentation	Turbo
Aggression	■■■■■■■■■
Service life	■■■■■■■■□



### Applications:

Granite	●
Hard stone	●
Marble	○

**NEW** !

**Advantages:** Turbo-serrated Diamond cup grinding wheel for granite - Premium quality for perfect grinding on hard granite - Clean grinding results on edges - For coarse grinding

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Rim / Width / Height	Packing unit/pcs.	Article number
4 x 5/8 / 7/8	80 m/s	15300 rpm	Turbo / Coarse / 3/4 / 5/16	1	331051
4-1/2 x 7/8	80 m/s	13300 rpm	Turbo / Coarse / 3/4 / 5/16	1	331052
5 x 7/8	80 m/s	12200 rpm	Turbo / Coarse / 3/4 / 5/16	1	331053

Diamond cup grinding wheel

## DS 600 GM SUPRA



### Properties

Design	Brazed
Segmentation	Turbo
Aggression	■■■■■■■□□
Service life	■■■■■■■□□



### Applications:

Granite	●
Hard stone	●
Marble	○

**NEW** !

**Advantages:** Turbo-serrated diamond cup grinding wheel for granite - Premium quality for perfect grinding on hard granite - Clean grinding results on edges - For medium grinding

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Rim / Width / Height	Packing unit/pcs.	Article number
4 x 5/8 / 7/8	80 m/s	15300 rpm	Turbo / Medium / 3/4 / 5/16	1	331054
4-1/2 x 7/8	80 m/s	13300 rpm	Turbo / Medium / 3/4 / 5/16	1	331055
5 x 7/8	80 m/s	12200 rpm	Turbo / Medium / 3/4 / 5/16	1	331056

# Diamond cup grinding wheels for angle grinders



Diamond cup grinding wheel

## DS 600 GF SUPRA



### Properties

Design	Brazed
Segmentation	Turbo
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ ■ ■ ■ □



### Applications:

Granite	●
Hard stone	●
Marble	○

**NEW** !

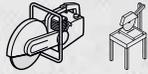
**Advantages:** Turbo-serrated cup grinding wheel for granite - Premium quality for perfect grinding on hard granite - Clean grinding results on edges - For fine grinding

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Rim / Width / Height	Packing unit/pcs.	Article number
4 x 7/8	80 m/s	15300 rpm	Turbo / Fine / 3/4 / 5/16	1	331057
4-1/2 x 7/8	80 m/s	13300 rpm	Turbo / Fine / 3/4 / 5/16	1	331058
5 x 7/8	80 m/s	12200 rpm	Turbo / Fine / 3/4 / 5/16	1	331059

# Diamond cutting blades for petrol powered cutters and table saws

Diamond cutting blade

## DT 300 U EXTRA



**NEW** !

### Properties

Design	Sintered
Segmentation	Standard
Aggression	■ ■ ■ □ □ □ □ □
Service life	■ ■ ■ □ □ □ □ □

### Applications:

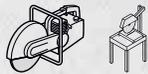
Construction materials	●
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**Advantages:** Product for universal use on general construction material - Excellent cutting performance - Great price-performance ratio

Diameter x Bore	Max. operating speed	Max. RPM	Segment:	Packing unit/pcs.	Article number
			Number / Length / Width / Height		
12 x 3/4	100 m/s	6400 rpm	17 / 2 / 7/64 / 1/4	1	326831
12 x 1	100 m/s	6400 rpm	17 / 2 / 7/64 / 1/4	1	325349
14 x 1	100 m/s	5500 rpm	20 / 2 / 7/64 / 1/4	1	325350

Diamond cutting blade

## DT 310 UT EXTRA



**NEW** !

### Properties

Design	Sintered
Segmentation	Turbo continuous rim
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ ■ □ □ □ □

### Applications:

Construction materials	●
Concrete, universal	●

**Advantages:** All-purpose - Excellent cutting performance, great price-performance ratio - Continuous rim with turbo segments for clean and nick-free edges - 10 mm tall cutting edge

Diameter x Bore	Max. operating speed	Max. RPM	Segment:	Packing unit/pcs.	Article number
			Rim / Width / Height		
12 x 3/4	100 m/s	6400 rpm	CR / CR / 1/8 / 3/8	1	334092
12 x 1	100 m/s	6400 rpm	CR / CR / 1/8 / 3/8	1	339121
14 x 3/4	100 m/s	5500 rpm	CR / CR / 1/8 / 3/8	1	334093
14 x 1	100 m/s	5500 rpm	CR / CR / 1/8 / 3/8	1	339123

Note: 3/4" bore = 20 mm

# Diamond cutting blades for petrol powered cutters, table saws and joint cutters



Diamond cutting blade

## DT 350 U EXTRA



**NEW** !

### Properties

Design	Laser welded
Segmentation	Standard
Aggression	■■■■■□□
Service life	■■■■■□□

### Applications:

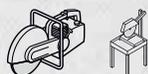
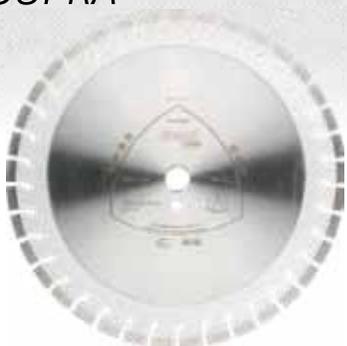
Construction materials	●
Concrete, universal	●

**Advantages:** Product with laser-welded standard segments for universal use on general construction material - Smooth, fast and low-vibration cutting with unmatched service life - Optimum price-performance ratio

Diameter x Bore	Max. operating speed	Max. RPM	Segment:	Packing unit/pcs.	Article number
			Number / Length / Width / Height		
12 x 3/4	100 m/s	6400 rpm	21 / 1-1/2 / 7/64 / 3/8	1	336223
12 x 1	100 m/s	6400 rpm	21 / 1-1/2 / 7/64 / 3/8	1	336220
14 x 3/4	100 m/s	5500 rpm	24 / 1-1/2 / 1/8 / 3/8	1	336224
14 x 1	100 m/s	5500 rpm	24 / 1-1/2 / 1/8 / 3/8	1	336221
16 x 1	100 m/s	4800 rpm	28 / 1-1/2 / 9/64 / 3/8	1	347486

Diamond cutting blade

## DT 600 U SUPRA



**NEW** !

### Properties

Design	Laser welded
Segmentation	Short segments
Aggression	■■■■■□□
Service life	■■■■■□□

### Applications:

Construction materials	●
Concrete, universal	●
Cured concrete, reinforced	●
Chalky sandstone	●

**Advantages:** High cutting performance - Long service life thanks to the use of premium-grade raw materials and diamonds - Clean cutting edges - Effortless cutting thanks to short serrated segments

Diameter x Bore	Max. operating speed	Max. RPM	Segment:	Packing unit/pcs.	Article number
			Number / Length / Width / Height		
12 x 3/4	100 m/s	6400 rpm	32 / 15/16 / 7/64 / 3/8	1	325183
12 x 1	100 m/s	6400 rpm	32 / 15/16 / 7/64 / 3/8	1	325184
14 x 3/4	100 m/s	5500 rpm	37 / 15/16 / 1/8 / 3/8	1	325194
14 x 1	100 m/s	5500 rpm	37 / 15/16 / 1/8 / 3/8	1	325195
16 x 3/4	100 m/s	4800 rpm	43 / 15/16 / 9/64 / 3/8	1	347484
16 x 1	100 m/s	4800 rpm	43 / 15/16 / 9/64 / 3/8	1	347485
18 x 1	100 m/s	4300 rpm	48 / 15/16 / 9/64 / 3/8	1	325201
20 x 1	100 m/s	3900 rpm	54 / 15/16 / 9/64 / 3/8	1	325203

Note: 3/4" bore = 20 mm

# Diamond cutting blades for petrol powered cutters, table saws and joint cutters

Diamond cutting blade

## DT 612 UT SUPRA



**NEW** !

### Properties

Design	Laser welded
Segmentation	Turbo
Aggression	■■■■■■■□
Service life	■■■■■■■□

### Applications:

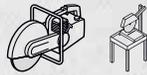
Concrete, universal	●
Cured concrete, reinforced	●
Construction materials	●

**Advantages:** Special turbo segments for an extremely high cutting speed on almost all hard materials - Excellent service life even on reinforced concrete

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
12 x 3/4	100 m/s	6400 rpm	20 / 1-1/2 / 7/64 / 1/2	1	340224
12 x 1	100 m/s	6400 rpm	20 / 1-1/2 / 7/64 / 1/2	1	340229
14 x 3/4	100 m/s	5500 rpm	22 / 1-1/2 / 1/8 / 1/2	1	340227
14 x 1	100 m/s	5500 rpm	22 / 1-1/2 / 1/8 / 1/2	1	340230
16 x 3/4	100 m/s	4800 rpm	26 / 1-1/2 / 9/64 / 1/2	1	347482
16 x 1	100 m/s	4800 rpm	26 / 1-1/2 / 9/64 / 1/2	1	347493

Diamond cutting blade

## DT 900 U SPECIAL



**NEW** !

### Properties

Design	Laser welded
Segmentation	Narrow/wide gullet
Aggression	■■■■■■■
Service life	■■■■■■■

### Applications:

Construction materials	●	Granite	●
Concrete, universal	●		
Cured concrete, reinforced	●		
Chalky sandstone	●		

**Advantages:** Suitable for a wide range of applications - Ultra fast cutting speed - Special segment bond for long service life and clean cuts - Engineered for professional use

Diameter x Bore	Max. operating speed	Max. RPM	Segmentation	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
12 x 1	100 m/s	6400 rpm		18 / 1-1/2 / 7/64 / 3/8	1	325053
12 x 1	100 m/s	6400 rpm		21 / 1-1/2 / 7/64 / 3/8	1	325067
14 x 1	100 m/s	5500 rpm		21 / 1-1/2 / 1/8 / 3/8	1	325085
14 x 1	100 m/s	5500 rpm		24 / 1-1/2 / 1/8 / 3/8	1	325100
16 x 1	100 m/s	4800 rpm		28 / 1-1/2 / 9/64 / 3/8	1	349233
16 x 1	100 m/s	4800 rpm		24 / 1-1/2 / 9/64 / 3/8	1	349246
18 x 1	100 m/s	4300 rpm		26 / 1-1/2 / 9/64 / 3/8	1	325133
18 x 1	100 m/s	4300 rpm		32 / 1-1/2 / 9/64 / 3/8	1	325176
20 x 1	100 m/s	3900 rpm		36 / 1-1/2 / 9/64 / 3/8	1	325155
20 x 1	100 m/s	3900 rpm		30 / 1-1/2 / 9/64 / 3/8	1	325164
23-5/8 x 1	100 m/s	3200 rpm		43 / 1-1/2 / 9/64 / 3/8	1	345023

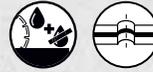
Note: 3/4" bore = 20 mm

# Diamond cutting blades for table saws



Diamond cutting blade

## DT 900 US SPECIAL



**NEW** !

### Properties

Design	Laser welded
Segmentation	Narrow gullet
Aggression	■■■■■■■■■
Service life	■■■■■■■■■

### Applications:

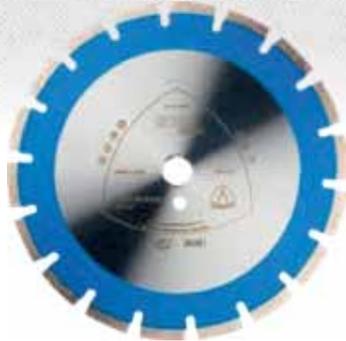
Cured concrete, reinforced	●	Granite	●
Concrete, universal	●		
Construction materials	●		
Chalky sandstone	●		

**Advantages:** All-purpose high-performance tool - Extremely high cutting speed - Special segment bond for long service life and clean cuts - Engineered for professional use - Ideally suited for low-noise work environments thanks to sandwich core

Diameter x Bore	Max. operating speed	Max. RPM	Segmentation	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
12 x 1	100 m/s	6400 rpm		21 / 1-1/2 / 7/64 / 3/8	1	334062
14 x 1	100 m/s	5500 rpm		24 / 1-1/2 / 1/8 / 3/8	1	334063
18 x 1	100 m/s	4300 rpm		32 / 1-1/2 / 9/64 / 3/8	1	334065
20 x 1	100 m/s	3900 rpm		36 / 1-1/2 / 9/64 / 3/8	1	334066

Diamond cutting blade

## DT 900 K SPECIAL



**NEW** !

### Properties

Design	Laser welded
Segmentation	Narrow/wide gullet
Aggression	■■■■■■■■■
Service life	■■■■■■■■□

### Applications:

Clinker	●
Concrete products	●
Construction materials	⦿

**Advantages:** Exceptional cutting performance - Outstanding service life - Narrow gullet for smooth cutting and clean cutting edges - Particularly well suited for clinker of all degrees of hardness

Diameter x Bore	Max. operating speed	Max. RPM	Segmentation	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
12 x 1	100 m/s	6400 rpm		18 / 1-1/2 / 7/64 / 3/8	1	325051
12 x 1	100 m/s	6400 rpm		21 / 1-1/2 / 7/64 / 3/8	1	325065
14 x 1	100 m/s	5500 rpm		21 / 1-1/2 / 1/8 / 3/8	1	325083
14 x 1	100 m/s	5500 rpm		24 / 1-1/2 / 1/8 / 3/8	1	325098

Note: 3/4" bore = 20 mm

# Diamond cutting blades for table saws

Diamond cutting blade

## DT 900 R SPECIAL



**NEW** !

### Properties

Design	Laser welded
Segmentation	Narrow/wide gullet
Aggression	■■■■■■■■
Service life	■■■■■■■■

### Applications:

Firebrick	●
Refractory brick, universal	●

**Advantages:** High-performance blade, specially engineered for firebrick and refractory brick - Ultra fast cutting speed - Outstanding service life - Clean cut

Diameter x Bore	Max. operating speed	Max. RPM	Segmentation	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
12 x 1	100 m/s	6400 rpm		18 / 1-1/2 / 7/64 / 3/8	1	325055
12 x 1	100 m/s	6400 rpm		21 / 1-1/2 / 7/64 / 3/8	1	325069
14 x 1	100 m/s	5500 rpm		21 / 1-1/2 / 1/8 / 3/8	1	325087
14 x 1	100 m/s	5500 rpm		24 / 1-1/2 / 1/8 / 3/8	1	325102
16 x 1	100 m/s	4800 rpm		24 / 1-1/2 / 1/8 / 3/8	1	325119
16 x 1	100 m/s	4800 rpm		28 / 1-1/2 / 1/8 / 3/8	1	325143
18 x 1	100 m/s	4300 rpm		26 / 1-1/2 / 9/64 / 3/8	1	325135
18 x 1	100 m/s	4300 rpm		32 / 1-1/2 / 9/64 / 3/8	1	325178
20 x 1	100 m/s	3900 rpm		36 / 1-1/2 / 9/64 / 3/8	1	325157
20 x 1	100 m/s	3900 rpm		30 / 1-1/2 / 9/64 / 3/8	1	325166

Note: 3/4" bore = 20 mm

# Diamond cutting blades for petrol powered cutters and joint cutters



Diamond cutting blade

## DT 350 A EXTRA



**NEW** !

### Properties

Design	Laser welded
Segmentation	Wide gullet
Aggression	■ ■ ■ ■ □ □
Service life	■ ■ ■ □ □ □

### Applications:

Asphalt	●
Sandstone	●

**Advantages:** Diamond cutting blade for general repairs with an outstanding price-performance ratio - Specially engineered for applications on asphalt - Inclined protective segments prevent the premature wearing of the welds which can lead to segment loss on standard blades

Diameter x Bore	Max. operating speed	Max. RPM	Segmentation	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
12 x 3/4	100 m/s	6400 rpm		18 / 1-1/2 / 7/64 / 3/8	1	337731
12 x 1	100 m/s	6400 rpm		18 / 1-1/2 / 7/64 / 3/8	1	337729
14 x 3/4	100 m/s	5500 rpm		21 / 1-1/2 / 1/8 / 3/8	1	337732
14 x 1	100 m/s	5500 rpm		21 / 1-1/2 / 1/8 / 3/8	1	337730
16 x 3/4	100 m/s	4800 rpm		24 / 1-1/2 / 9/64 / 3/8	1	349236
16 x 1	100 m/s	4800 rpm		24 / 1-1/2 / 9/64 / 3/8	1	349237
18 x 1	100 m/s	4300 rpm		28 / 1-1/2 / 9/64 / 3/8	1	337734
20 x 1	100 m/s	3900 rpm		30 / 1-1/2 / 9/64 / 3/8	1	337735

Diamond cutting blade

## DT 602 A SUPRA



**NEW** !

### Properties

Design	Laser welded
Segmentation	Wide gullet
Aggression	■ ■ ■ ■ □ □
Service life	■ ■ ■ □ □ □

### Applications:

Asphalt	●
Sandstone	●

**Advantages:** First-rate cutting performance - Protective segments to guard the blade - Great price-performance ratio - Specially engineered for applications on asphalt - Also suitable for use on electric Joint cutters

Diameter x Bore	Max. operating speed	Max. RPM	Segmentation	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
12 x 3/4	100 m/s	6400 rpm		18 / 1-1/2 / 7/64 / 3/8	1	327025
12 x 1	100 m/s	6400 rpm		18 / 1-1/2 / 7/64 / 3/8	1	325060
14 x 3/4	100 m/s	5500 rpm		21 / 1-1/2 / 1/8 / 3/8	1	327026
14 x 1	100 m/s	5500 rpm		21 / 1-1/2 / 1/8 / 3/8	1	325092

Note: 3/4" bore = 20 mm



# Diamond cutting blades for petrol powered cutters and joint cutters

## ►► Continuation of DT 602 A Supra, Diamond cutting blade

Diameter x Bore	Max. operating speed	Max. RPM	Segmentation	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
16 x 3/4	100 m/s	4800 rpm		24 / 1-1/2 / 9/64 / 3/8	1	349228
16 x 1	100 m/s	4800 rpm		24 / 1-1/2 / 9/64 / 3/8	1	349240
18 x 1	100 m/s	4300 rpm		28 / 1-1/2 / 9/64 / 3/8	1	325128
20 x 1	100 m/s	3900 rpm		30 / 1-1/2 / 9/64 / 3/8	1	325171

Diamond cutting blade

## DT 612 A SUPRA



**NEW** !

### Properties

Design	Laser welded
Segmentation	Wide gullet
Aggression	■■■■■■■□
Service life	■■■■■■■□

### Applications:

Asphalt	●
Sandstone	●

**Advantages:** High cutting speed combined with excellent service life - Protective segments to shield the core - Specially designed for applications on asphalt - Also suitable for use on electric joint cutters

Diameter x Bore	Max. operating speed	Max. RPM	Segmentation	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
12 x 1	100 m/s	6400 rpm		18 / 1-1/2 / 7/64 / 3/8	1	330075
14 x 1	100 m/s	5500 rpm		21 / 1-1/2 / 1/8 / 3/8	1	330076
16 x 1	100 m/s	4800 rpm		24 / 1-1/2 / 9/64 / 3/8	1	349227
18 x 1	100 m/s	4300 rpm		28 / 1-1/2 / 9/64 / 3/8	1	330078
20 x 1	100 m/s	3900 rpm		30 / 1-1/2 / 9/64 / 3/8	1	330079

Note: 3/4" bore = 20 mm

# Diamond cutting blades for joint cutters



Diamond cutting blade

## DT 902 A SPECIAL



**NEW** !

### Properties

Design	Laser welded
Segmentation	Wide gullet
Aggression	■■■■■■■
Service life	■■■■■■■□

### Applications:

Asphalt	●
Sandstone	●
Green concrete	●
Screed	●

**Advantages:** Very high cutting performance - 1/2" high segments - Protective segments to guard the blade

Diameter x Bore	Max. operating speed	Max. RPM	Segmentation	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
12 x 1	100 m/s	6400 rpm		18 / 1-1/2 / 7/64 / 1/2	1	325062
14 x 1	100 m/s	5500 rpm		21 / 1-1/2 / 1/8 / 1/2	1	325094
16 x 1	100 m/s	4800 rpm		24 / 1-1/2 / 9/64 / 1/2	1	349239
18 x 1	100 m/s	4300 rpm		28 / 1-1/2 / 9/64 / 1/2	1	325130
20 x 1	100 m/s	3900 rpm		30 / 1-1/2 / 9/64 / 1/2	1	325173

Diamond cutting blade

## DT 910 A SPECIAL



**NEW** !

### Properties

Design	Laser welded
Segmentation	Narrow gullet
Aggression	■■■■■■■□
Service life	■■■■■■■

### Applications:

Asphalt	●
Sandstone	●
Green concrete	●
Screed	●

**Advantages:** Good cutting performance - 1/2" high segments - Protective segments to guard the blade - Exceptional service life

Diameter x Bore	Max. operating speed	Max. RPM	Segmentation	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
12 x 1	100 m/s	6400 rpm		21 / 1-1/2 / 7/64 / 1/2	1	325077
14 x 1	100 m/s	5500 rpm		24 / 1-1/2 / 1/8 / 1/2	1	325110
16 x 1	100 m/s	4800 rpm		28 / 1-1/2 / 9/64 / 1/2	1	349229
18 x 1	100 m/s	4300 rpm		30 / 1-1/2 / 9/64 / 1/2	1	325161
20 x 1	100 m/s	3900 rpm		35 / 1-1/2 / 9/64 / 1/2	1	325189

Note: 3/4" bore = 20 mm

# Diamond cutting blades for petrol powered cutters and joint cutters

Diamond cutting blade

## DT 350 AB EXTRA



**NEW** !

### Properties

Design	Laser welded
Segmentation	Wide gullet
Aggression	■ ■ ■ ■ □ □ □ □
Service life	■ ■ ■ □ □ □ □ □

### Applications:

Asphalt	●
Concrete	●

**Advantages:** Multi-purpose product for all repairs on asphalt and concrete thanks to laser-welded block segments, turbo segments and slanted protective segments - Can be used on gasoline-powered cutters and Joint cutters with up to 10 kW

Diameter x Bore	Max. operating speed	Max. RPM	Segmentation	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
12 x 3/4	100 m/s	6400 rpm		18 / 1-1/2 / 7/64 / 1/2	1	340232
12 x 1	100 m/s	6400 rpm		18 / 1-1/2 / 7/64 / 1/2	1	340241
14 x 3/4	100 m/s	5500 rpm		21 / 1-1/2 / 1/8 / 1/2	1	340236
14 x 1	100 m/s	5500 rpm		21 / 1-1/2 / 1/8 / 1/2	1	340240
16 x 1	100 m/s	4800 rpm		24 / 1-1/2 / 9/64 / 1/2	1	349235

Diamond cutting blade

## DT 612 AB SUPRA



**NEW** !

### Properties

Design	Laser welded
Segmentation	Wide gullet
Aggression	■ ■ ■ ■ ■ ■ □ □
Service life	■ ■ ■ ■ ■ □ □ □

### Applications:

Asphalt	●
Concrete	●

**Advantages:** Suitable for asphalt and concrete - Specially engineered for use on both materials - High cutting speed, excellent service life

Diameter x Bore	Max. operating speed	Max. RPM	Segmentation	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
12 x 3/4	100 m/s	6400 rpm		18 / 1-1/2 / 7/64 / 3/8	1	332344
12 x 1	100 m/s	6400 rpm		18 / 1-1/2 / 7/64 / 3/8	1	330080
14 x 3/4	100 m/s	5500 rpm		21 / 1-1/2 / 1/8 / 3/8	1	332345
14 x 1	100 m/s	5500 rpm		21 / 1-1/2 / 1/8 / 3/8	1	330081
16 x 3/4	100 m/s	4800 rpm		24 / 1-1/2 / 9/64 / 3/8	1	349225
16 x 1	100 m/s	4800 rpm		24 / 1-1/2 / 9/64 / 3/8	1	349226
18 x 1	100 m/s	4300 rpm		28 / 1-1/2 / 9/64 / 3/8	1	330083
20 x 1	100 m/s	3900 rpm		30 / 1-1/2 / 9/64 / 3/8	1	330084

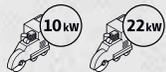
Note: 3/4" bore = 20 mm

# Diamond cutting blades for petrol powered cutters, table saws and joint cutters



Diamond cutting blade

## DT 910 BF SPECIAL



**NEW** !

### Properties

Design	Laser welded
Segmentation	with protective segments
Aggression	■■■■■■□□
Service life	■■■■■■□□

### Applications:

Green concrete	●
----------------	---

**Advantages:** Smooth and easy cutting performance - 1/2" tall segments - Protective segments shield the core - Unsurpassed service life thanks to a high concentration of premium-grade diamonds - Exceptionally well suited for fresh concrete

Diameter x Bore	Max. operating speed	Max. RPM	Segmentation	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
12 x 1	100 m/s	6400 rpm		21 / 1-1/2 / 7/64 / 1/2	1	330085
14 x 1	100 m/s	5500 rpm		24 / 1-1/2 / 1/8 / 1/2	1	330086
16 x 1	100 m/s	4800 rpm		28 / 1-1/2 / 9/64 / 1/2	1	349224
18 x 1	100 m/s	4300 rpm		30 / 1-1/2 / 9/64 / 1/2	1	330088
20 x 1	100 m/s	3900 rpm		35 / 1-1/2 / 9/64 / 1/2	1	330089

Diamond cutting blade

## DT 350 B EXTRA



**NEW** !

### Properties

Design	Laser welded
Segmentation	Standard
Aggression	■■■■■■□□
Service life	■■■■■■□□

### Applications:

Concrete	●
Cured concrete, reinforced	◐

**Advantages:** Diamond cutting disc with good price-performance ratio for working on concrete and construction materials - Fast cutting with low vibration - Optimum service life

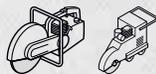
Diameter x Bore	Max. operating speed	Max. RPM	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
12 x 3/4	100 m/s	6400 rpm	21 / 1-1/2 / 7/64 / 3/8	1	352749
14 x 1	100 m/s	5500 rpm	24 / 1-1/2 / 1/8 / 3/8	1	339830
16 x 1	100 m/s	4800 rpm	28 / 1-1/2 / 9/64 / 3/8	1	351133

Note: 3/4" bore = 20 mm

# Diamond cutting blades for petrol powered cutters, table saws and joint cutters

Diamond cutting blade

## DT 350 BT EXTRA



**NEW** !

### Properties

Design	Laser welded
Segmentation	Turbo
Aggression	■■■■■■■□
Service life	■■■■■■□□

### Applications:

Concrete	●
Cured concrete, reinforced	●

**Advantages:** Special turbo segments for an extremely high cutting speed on almost all hard materials - Fast cutting with low vibration - Optimum service life - Optimum price-performance ratio

Diameter x Bore	Max. operating speed	Max. RPM	Segment:	Packing unit/pcs.	Article number
			Number / Length / Width / Height		
12 x 3/4	100 m/s	6400 rpm	21 / 1-1/2 / 7/64 / 3/8	1	354795
12 x 1	100 m/s	6400 rpm	21 / 1-1/2 / 7/64 / 3/8	1	354796
14 x 3/4	100 m/s	5500 rpm	24 / 1-1/2 / 1/8 / 3/8	1	354797
14 x 1	100 m/s	5500 rpm	24 / 1-1/2 / 1/8 / 3/8	1	354798

Diamond cutting blade

## DT 602 B SUPRA



**NEW** !

### Properties

Design	Laser welded
Segmentation	Wide gullet
Aggression	■■■■■■□□
Service life	■■■■□□□□

### Applications:

Cured concrete	●
Cured concrete, reinforced	●

**Advantages:** First-rate cutting performance - Fast cutting speed - Particularly well suited for concrete with medium reinforcement - Also suitable for use on electric joint cutters

Diameter x Bore	Max. operating speed	Max. RPM	Segmentation	Segment:	Packing unit/pcs.	Article number
				Number / Length / Width / Height		
12 x 1	100 m/s	6400 rpm		18 / 1-1/2 / 7/64 / 3/8	1	325056
14 x 1	100 m/s	5500 rpm		21 / 1-1/2 / 1/8 / 3/8	1	325088
16 x 1	100 m/s	4800 rpm		24 / 1-1/2 / 9/64 / 3/8	1	349242
18 x 1	100 m/s	4300 rpm		26 / 1-1/2 / 9/64 / 3/8	1	325136
20 x 1	100 m/s	3900 rpm		30 / 1-1/2 / 9/64 / 3/8	1	325167

Note: 3/4" bore = 20 mm

# Diamond cutting blades for petrol powered cutters and joint cutters



Diamond cutting blade

## DT 900 B SPECIAL



### Properties

Design	Laser welded
Segmentation	Turbo
Aggression	■■■■■■■■■
Service life	■■■■■■■■■



### Applications:

Cured concrete, reinforced	●
Concrete, universal	●
Construction materials	●
Chalky sandstone	⦿

**NEW** !

**Advantages:** High performance blade with ultra high cutting speed thanks to turbo segments - Specially engineered for effortless cutting through concrete - Further increased service life thanks to titanium-coated diamonds

Diameter x Bore	Max. operating speed	Max. RPM	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
12 x 3/4	100 m/s	6400 rpm	20 / 1-1/2 / 7/64 / 1/2	1	325078
12 x 1	100 m/s	6400 rpm	20 / 1-1/2 / 7/64 / 1/2	1	325079
14 x 3/4	100 m/s	5500 rpm	22 / 1-1/2 / 1/8 / 1/2	1	325080
14 x 1	100 m/s	5500 rpm	22 / 1-1/2 / 1/8 / 1/2	1	325081
16 x 3/4	100 m/s	4800 rpm	26 / 1-1/2 / 9/64 / 1/2	1	347489
16 x 1	100 m/s	4800 rpm	26 / 1-1/2 / 9/64 / 1/2	1	347490

Diamond cutting blade

## DT 902 B SPECIAL



### Properties

Design	Laser welded
Segmentation	Wide gullet
Aggression	■■■■■■■■■
Service life	■■■■■■■■□



### Applications:

Cured concrete	●
Cured concrete, reinforced	●

**NEW** !

**Advantages:** First-rate cutting performance - Ultra fast cutting speed - Also suitable for concrete with strong reinforcement

Diameter x Bore	Max. operating speed	Max. RPM	Segmentation	Segment: Number / Length / Width / Height	Packing unit/pcs.	Article number
12 x 1	100 m/s	6400 rpm		18 / 1-1/2 / 7/64 / 7/16	1	325058
14 x 1	100 m/s	5500 rpm		21 / 1-1/2 / 1/8 / 7/16	1	325090
16 x 1	100 m/s	4800 rpm		24 / 1-1/2 / 9/64 / 7/16	1	349241
18 x 1	100 m/s	4300 rpm		26 / 1-1/2 / 9/64 / 7/16	1	325138
20 x 1	100 m/s	3900 rpm		30 / 1-1/2 / 9/64 / 7/16	1	325169

Note: 3/4" bore = 20 mm

# Diamond cutting blades for joint cutters

Diamond cutting blade

## DT 910 B SPECIAL



**NEW** !

### Properties

Design	Laser welded
Segmentation	Narrow gullet
Aggression	■■■■■■■□
Service life	■■■■■■■

### Applications:

Cured concrete	●
Cured concrete, reinforced	●

**Advantages:** First-rate cutting performance - High cutting speed - Exceptional service life - Also suitable for concrete with strong reinforcement

Diameter x Bore	Max. operating speed	Max. RPM	Segmen- tation	Segment:	Packing unit/pcs.	Article number
				Number / Length / Width / Height		
12 x 1	100 m/s	6400 rpm		21 / 1-1/2 / 7/64 / 7/16	1	325073
14 x 1	100 m/s	5500 rpm		24 / 1-1/2 / 1/8 / 7/16	1	325106
16 x 1	100 m/s	4800 rpm		28 / 1-1/2 / 9/64 / 7/16	1	349230
18 x 1	100 m/s	4300 rpm		32 / 1-1/2 / 9/64 / 7/16	1	325182
20 x 1	100 m/s	3900 rpm		36 / 1-1/2 / 9/64 / 7/16	1	325193

Note: 3/4" bore = 20 mm

# Reduction rings



Reduction rings

## DZ 100 RR



**NEW** !



**Advantages:** Reduction rings with serration for enhanced adhesion

Thickness x Ring OD x Bore ID	Suitable for	Packing unit/pcs.	Article number
3/64 x 7/8 x 5/8	Bore 7/8	1	337148
3/64 x 7/8 x 3/4	Bore 7/8	1	337282
5/64 x 1 x 3/4	DT 300 U (325350)	1	328933
3/32 x 1 x 3/4	DT 602 A + DT 600 U	1	328934
3/8 x 1 x 3/4	DT 350 A + DT 350 U + DT 602 A	1	339133
5/64 x 1 x 7/8	Bore 1	1	353265
5/64 x 1-3/16 x 1	Bore 1-3/16	1	337344
3/32 x 1-3/16 x 1	Bore 1-3/16	1	353266
3/32 x 1-3/16 x 3/4	Bore 1-3/16	1	353267
5/64 x 1-3/16 x 7/8	Bore 1-3/16	1	353268
5/64 x 1-3/16 x 3/4	Bore 1-3/16	1	353269

**Note:** 3/4" bore = 20 mm

# Drill bits with 1 1/4" UNC connection

1 1/4" UNC Female drill bit

## DK 654 B SUPRA



**NEW**

### Properties

Design	Laser welded
Segmentation	Standard
Aggression	■■■■■■■□
Service life	■■■■■■■□

### Applications:

Concrete, universal ●

**Advantages:** Drill bits for universal applications - Very fast cutting - Long service life - Roof-shaped segments - Can be used on electric and hydraulic machines - For replacement segments, see DE 600 B

Diameter	Thread/Shaft	Effective length	Segment Number / Length / Width / Height	Packing unit/pcs.	Article number
2	thread 1 1/4"	18	5 / 15/16 / 9/64 / 7/16	1	325769
2-1/4	thread 1 1/4"	18	5 / 15/16 / 9/64 / 7/16	1	325770
2-1/2	thread 1 1/4"	18	5 / 15/16 / 9/64 / 7/16	1	325772
2-3/4	thread 1 1/4"	18	6 / 15/16 / 9/64 / 7/16	1	325774
3	thread 1 1/4"	18	7 / 15/16 / 9/64 / 7/16	1	341737
3-1/4	thread 1 1/4"	18	7 / 15/16 / 9/64 / 7/16	1	325775
3-1/2	thread 1 1/4"	18	8 / 15/16 / 9/64 / 7/16	1	325776
4	thread 1 1/4"	18	9 / 15/16 / 9/64 / 7/16	1	325777
4-1/2	thread 1 1/4"	18	10 / 15/16 / 9/64 / 7/16	1	325778
4-3/4	thread 1 1/4"	18	10 / 15/16 / 5/32 / 7/16	1	325779
5	thread 1 1/4"	18	10 / 15/16 / 5/32 / 7/16	1	325780
5-1/4	thread 1 1/4"	18	10 / 15/16 / 5/32 / 7/16	1	325781
5-1/2	thread 1 1/4"	18	11 / 15/16 / 5/32 / 7/16	1	325782
6	thread 1 1/4"	18	12 / 15/16 / 5/32 / 7/16	1	325783
6-1/4	thread 1 1/4"	18	13 / 15/16 / 5/32 / 7/16	1	325784
6-3/4	thread 1 1/4"	18	13 / 15/16 / 5/32 / 7/16	1	325785
7-1/4	thread 1 1/4"	18	14 / 15/16 / 5/32 / 7/16	1	325786
8	thread 1 1/4"	18	15 / 15/16 / 11/64 / 7/16	1	325787
9	thread 1 1/4"	18	16 / 15/16 / 11/64 / 7/16	1	325788
10	thread 1 1/4"	18	17 / 15/16 / 11/64 / 7/16	1	325789
12	thread 1 1/4"	18	22 / 3/4 / 3/16 / 7/16	1	325790

# Drill bit segments for DK 654 and DK 612

## Dry drill bit set



Individual segment

### DE 600 B SUPRA



#### Properties

Design	Laser welded
Segmentation	Standard
Aggression	■■■■■■■□
Service life	■■■■■■■□



#### Applications:

Concrete, universal	●
---------------------	---

**NEW** !

**Advantages:** Single, roof-shaped segments for a fast first cut - Replacement segments for DK 612 B and DK 654 drill bits

Length of segments	Suitable for	Segment Length / Width / Height / Radius	Packing unit/pcs.	Article number
3/4	Ø >272	3/4 / 3/16 / 7/16 / G	30	325839
15/16	Ø 56-62	15/16 / 9/64 / 7/16 / 1-3/16	30	325833
15/16	Ø 72-87	15/16 / 9/64 / 7/16 / 1-1/2	30	325834
15/16	Ø 92-112	15/16 / 9/64 / 7/16 / 2	30	325835
15/16	Ø 107-142	15/16 / 5/32 / 7/16 / 2-3/8	30	325836
15/16	Ø 142-182	15/16 / 5/32 / 7/16 / 3	30	325837
15/16	Ø 182-272	15/16 / 5/32 / 7/16 / 4	30	325838

Dry drill bit set

### DK 600 F SUPRA Set



#### Properties

Design	Vacuum-brazed
Edge	Closed



#### Applications:

Stoneware	●
Tiles	●
Stove tiles	●

**NEW** !

**Properties:** 6-piece dry drill bit set in a Klingspor case

**Contents:** 2x Ø 1/4" (330670), 2x Ø 5/16" (330671), 1x Ø 3/8" (330672), 1x Ø 1/2" (330673)

**Advantages:** Dry drill bits in a convenient and sturdy aluminium case

Size	Max. RPM	Packing unit/pcs.	Article number
4-1/2" x 5-1/8" x 4"	13300 rpm	1	331076

# Diamond drills for stoneware

Diamond drill

## DB 600 F SUPRA



**NEW** !

### Properties

Design	Vacuum-brazed
Edge	Closed
Aggression	■■■■■□□
Service life	■■■■■□

### Applications:

Stoneware	●
Stove tiles	●
Stove tiles, glazed	●

**Advantages:** Dry cutting drill bit for drilling with pinpoint accuracy on hard materials such as fine stoneware, granite floor tiles and stove tiles - Clean edges - Precise holes - No bursting, cracking, or splintering - Integrated cooling wax - No water required - Excellent price-performance ratio

Diameter	Thread/Shaft	Max. RPM	Effective length	Segment Number/ Height	Packing unit/pcs.	Article number
1/4	1/4" bit, hexagonal	3000 rpm	1-1/4	1 / 3/8	1	325382
5/16	1/4" bit, hexagonal	3000 rpm	1-1/2	1 / 3/8	1	325527
3/8	1/4" bit, hexagonal	3000 rpm	1-1/2	1 / 3/8	1	325383
1/2	1/4" bit, hexagonal	3000 rpm	1-1/2	1 / 3/8	1	325384
9/16	1/4" bit, hexagonal	3000 rpm	1-1/2	1 / 3/8	1	325528

Diamond drill set

## DB 600 F SUPRA Set



**NEW** !

### Properties

Design	Vacuum-brazed
Edge	Closed
Aggression	■■■■■□□
Service life	■■■■■□

### Applications:

Stoneware	●
Stove tiles	●
Stove tiles, glazed	●

**Properties:** 7 piece diamond drill set in a Klingspor case

**Contents:** 2x Ø 1/4" (325382), 1x Ø 5/16" (325527), 1x Ø 3/8" (325383), 1x Ø 1/2" (325384), 1x Ø 9/16" (325528), 1x hole starting aid (313807)

**Advantages:** Diamond drill bits and stainless steel centring aids in a convenient and sturdy aluminium case

Size	Max. RPM	Packing unit/pcs.	Article number
7-7/8 x 5-1/2" x 2-11/64"	3000 rpm	1	331021

# Hole starting aid



Hole starting aid

## ABH 80



**NEW** !



**Advantages:** Hole starting aid for professional Diamond dry drill DB 600 F

Size	Suitable for	Packing unit/pcs.	Article number
2-3/16	DB 600 F	1	313807



Schleifix  
Schleifmittel  
Schleifmittel  
Schleifmittel  
Schleifmittel

# Flexible abrasives



## About the product

### R-Flex abrasives

Used for finishing and polishing all kinds of surfaces. Despite their elastic construction, R-Flex abrasives boast a long service life with high dimensional stability throughout their use.

### Mounted points

Available in numerous sizes and grains. They are used for apparatus and container construction, in the aviation and automobile industries, as well as in the food and chemical sectors.

### The Sandflex hand block

Cleans, polishes and matt finishes a large variety of materials including metal, wood, paints, plastics, rubber and paper. In addition to its commercial applications, the Sandflex hand block is also excellent for car care and jobs around the house like cleaning iron soleplates, ski edges etc. Sandflex performs even better when used with water, soap, paraffin oil or pastes. With four different grain sizes to choose from, you will find the right product for all types of materials and jobs.

### R-Flex wheels

Available with silicon carbide or corundum grit in different binding hardnesses and dimensions. Typical applications are deburring plastic parts, giving surgical instruments their final finish, sharpening knives, etc. R-Flex wheels are, due to their elastic attachment, easy to shape and adjust to the contours of the tool during grinding.



Clamping pin of the R-Flex mottling points (with milled plane surface) in the standard version

### Mottling points

Create special surface effects with a uniform, extra fine finish. R-Flex mottling points are used with great success for surface treatment applications in tank and container construction (breweries, wine and champaign producers) and in plant construction for commercial kitchens. They are available with bonding agents E (specially designed for aluminium and NF metals) and the softer, more elastic bonding agents W and T (for stainless steel) – with the T bonding agent creating a glossier finish on stainless steel surfaces and offering suitability for universal use.

From stock, Klingspor mottling points come with a 6 mm shaft and a milled plane surface, making it possible to fix the tools securely in place inside the machine adapter with a screw. If requested or made necessary by the respective machine, the mottling points can also be supplied as made to order items without a flat portion and a full length round shaft.

Flexible abrasives

Description	Type	Material applications											Page	
		Iron	Steel	Stainless steel	NF metals	Wood	Paint / Varnish	Glass / Stone	Plastic	Leather	Paper	Ceramic		Porcelain
R-Flex	<i>RFS 651 bond E</i>			●	●									307
	<i>RFM 652 bond E</i>				●									307
Sandflex	<i>SFM 656 bond W</i>			●										308
	<i>SFM 656 bond T</i>			●										308
	<i>SFK 655 block</i>	●	●	●	●	●	●	●	●	●	●	●	●	309

● = main application    ○ = possible application

# Flexible abrasives

## Applications guide

R-Flex points for cleaning and finishing and R-Flex wheels are ideally suited for fine machining surfaces thanks to their elastically embedded grit. Matching any type of possible application, Klingspor offers an extensive range of tools with a large variety of dimensions, grit sizes and three different kinds of bonding agents (hard, medium and soft). The chart below provides an overview of the available versions:



Example of a decorative finish created with an R-Flex mottling point SFM 656 on a stainless steel sheet

**To ensure safe handling of R-Flex points and R-Flex wheels, observe the general "FEPA Safety Recommendations for the Correct Use of Grinding Tools" and the "FEPA Safety Code for Bonded Abrasives".**

### Bonding types for RFS 651 mounted points used for cleaning and finishing as well as for R-Flex wheels RFR 654

Types of bonding	Grain	Hardness	Maximum operating speed
Z tough, hard wearing	Aluminium oxide	hard	up to 32 m/s
E non clogging, free cutting (ideal for aluminium)	SiC	medium	up to 16 m/s
W elastic, hard wearing, matt finish (ideal for stainless steel)	SiC	soft	up to 5 m/s

### Bonding types for mottling points

Types of bonding	Grain	Hardness	Maximum operating speed
W elastic, hard wearing, matt finish (ideal for stainless steel)	SiC	soft	up to 5 m/s
T elastic, more free cutting, for a glossier finish (ideal for stainless steel)	SiC	soft	up to 5 m/s
E non clogging, free cutting (ideal for aluminium)	SiC	medium	up to 16 m/s



**Please contact us for minimum order quantities for non-stock items.**

# Flexible abrasives

Mounted points, mottling points

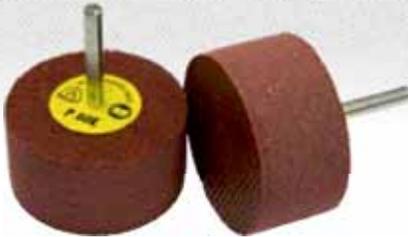


R-Flex mounted points

## RFS 651



**NEW** !



**Properties**

Bonding agent	Plastic
Grain	SiC

**Applications:**

Aluminium	●
Stainless steel	●
NF metals	●

**Advantages:** Versatile mounted Points for cleaning and finishing - Soft abrasion due to elastic structure - Can be used until completely worn down

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 Height x Shaft	Grit	Bond	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
1-1/2 x 9/16 x 1/4	60	E	16 m/s	7600 rpm	10	14006
1-1/2 x 9/16 x 1/4	120	E	16 m/s	7600 rpm	10	14007
1-1/2 x 9/16 x 1/4	240	E	16 m/s	7600 rpm	10	14008
2 x 3/8 x 1/4	240	E	16 m/s	6100 rpm	10	14012
2-3/8 x 1-3/16 x 1/4	60	E	16 m/s	5000 rpm	10	14030
2-3/8 x 1-3/16 x 1/4	120	E	16 m/s	5000 rpm	10	14031
2-3/8 x 1-3/16 x 1/4	240	E	16 m/s	5000 rpm	10	14032

R-Flex mottling points

## RFM 652



**NEW** !



**Properties**

Bonding agent	Plastic
Grain	SiC

**Applications:**

Aluminium	●
NF metals	●

**Advantages:** Produces a satin surface scratch pattern - Soft abrasion due to elastic structure - Can be used until completely worn down - Two shaft types available: with flattened shaft for simple and secure clamping (standard execution, stock items) and with full length round shaft (made to order items)

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 Height x Shaft	Grit	Bond	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
1-3/16 x 1-3/16 x 1/4	60	E	8 m/s	5000 rpm	10	14033
1-3/16 x 1-3/16 x 1/4	120	E	8 m/s	5000 rpm	10	14034
1-1/2 x 1-3/16 x 1/4	120	E	8 m/s	3800 rpm	10	14036
2 x 1-3/16 x 1/4	60	E	8 m/s	3000 rpm	10	14037
2 x 1-3/16 x 1/4	120	E	8 m/s	3000 rpm	10	14038

# Flexible abrasives

## Mottling points

Sandflex mottling points

### SFM 656



**NEW** !



#### Properties

Bonding agent Plastic

Grain SiC

#### Applications:

Stainless steel ●

**Advantages:** Produces a glossy finish on stainless steel surfaces - Soft abrasion due to elastic structure - Can be used until completely worn down - Available in two executions: with flattened shaft for simple and secure clamping (standard execution, stock items) and with full length round shaft (made to order items)

#### 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 Height x Shaft	Grit	Bond	Max. operating speed	Max. RPM	Packing unit/pcs.	Article number
1-3/16 x 1-3/16 x 1/4	60	W	5 m/s	3200 rpm	10	13856
1-3/16 x 1-3/16 x 1/4	60	T	5 m/s	3200 rpm	10	334988
1-3/16 x 1-3/16 x 1/4	120	W	5 m/s	3200 rpm	10	13857
1-3/16 x 1-3/16 x 1/4	120	T	5 m/s	3200 rpm	10	334990
1-1/2 x 1-3/16 x 1/4	60	W	5 m/s	2400 rpm	10	13859
1-1/2 x 1-3/16 x 1/4	60	T	5 m/s	2400 rpm	10	334991
1-1/2 x 1-3/16 x 1/4	120	W	5 m/s	2400 rpm	10	13860
1-1/2 x 1-3/16 x 1/4	120	T	5 m/s	2400 rpm	10	334992
2 x 1-3/16 x 1/4	60	W	5 m/s	1900 rpm	10	13862
2 x 1-3/16 x 1/4	60	T	5 m/s	1900 rpm	10	334993
2 x 1-3/16 x 1/4	120	W	5 m/s	1900 rpm	10	13863
2 x 1-3/16 x 1/4	120	T	5 m/s	1900 rpm	10	334994
2-3/8 x 1-3/16 x 1/4	60	W	5 m/s	1600 rpm	10	13865
2-3/8 x 1-3/16 x 1/4	60	T	5 m/s	1600 rpm	10	334995
2-3/8 x 1-3/16 x 1/4	120	W	5 m/s	1600 rpm	10	13866
2-3/8 x 1-3/16 x 1/4	120	T	5 m/s	1600 rpm	10	334996

# Flexible abrasives

Hand block



Hand block

## SFK 655



### Properties

Bonding agent	Plastic
Grain	SiC

### Applications:

Paint/Varnish	●	Leather	●
Glass/Stone	●	Metals	●
Wood	●		
Plastic	●		

**Advantages:** Universal hand block for cleaning and finishing - Can be used on many materials - Cleaning performance is significantly increased by use of additives - Soft abrasion due to elastic structure - Can be used until completely worn down

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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length x Height	Grit	Packing unit/pcs.	Article number
3 x 2 x 3/4	30	18	13800
3 x 2 x 3/4	60	18	13801
3 x 2 x 3/4	120	18	13802
3 x 2 x 3/4	240	18	13803
6 x 3 x 3/4	120	1	63231

Hand block

## SFK 655 Set



### Properties

Bonding agent	Plastic
Grain	SiC

### Applications:

Paint/Varnish	●	Leather	●
Glass/Stone	●	Metals	●
Wood	●		
Plastic	●		

**Advantages:** Universal hand block for cleaning and finishing - Can be used on many materials - Cleaning performance is significantly increased by use of additives - Soft abrasion due to elastic structure - Can be used until completely worn down

**Contents:** 18 pcs. / 6 pieces in grit 60, 120, 240 each

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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length x Height	Packing unit/pcs.	Article number
3 x 2 x 3/4	1	72129



# Carbide burrs



## About the product

### Powerful milling and leveling of surfaces and forms

Klingspor carbide burrs are used wherever outstanding stock removal and service life are pivotal to the proper processing of hard-to-reach places. The burrs are manufactured according to the highest quality standards and with utmost precision. Our comprehensive product selection offers all shapes and dimensions

necessary to find the solution that matches each application best. Thanks to the abundance of available tothing options, you can be sure to achieve the desired outcome on any material and with unparalleled speed.

Type	Form	Page
SA-INOX SA-DC	 Cylindrical	<b>312</b>
SB-NF SB-DC	 Cylindrical with end cut	<b>313</b>
SC-INOX SC-NF SC-DC	 Cylindrical with spherical head	<b>314-315</b>
SD-NF SD-DC	 Spherical shape	<b>315-316</b>
SE-DC	 Oval shape	<b>316</b>
SF-INOX SF-NF SF-DC	 Conical shape	<b>317-318</b>

Type	Form	Page
SG-INOX SG-DC	 Arch shape	<b>318-319</b>
SH-DC	 Flame shape	<b>319</b>
SL-INOX SL-NF SL-DC	 Conical shape, round nose	<b>320-321</b>
SM-DC	 Conical shape, pointed nose	<b>321</b>

### 3 Cuts aluminium

High stock removal rate and reduced clogging of teeth for working on long-chipping and soft materials like NF metals and plastics.

### 6 Cuts mega seller

Double cut for universal applications, improved handling and low vibration. Creates a small chip.

### 11 Cuts high performance tooth geometry - INOX

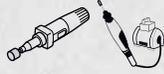
Tothing optimised for the processing of austenitic as well as corrosion and acid-resistant grades of stainless steel; strikingly improved stock removal performance by contrast with standard cross-cut tooth geometries



# Carbide burrs

Carbide burr

## SA-INOX



### Applications:

- Stainless steel ●
- Chrome and nickel steels ●

Inox range burs have specially designed geometry to suit the growing market demands for stainless steel applications. This line of burs is a cost effective alternative to standard solutions due to the greater rate of stainless steel stock removal and on ferritic, austenitic & martensitic based materials. Some features and benefits are: Developed cutting geometry generates high stock removal on Inox components - High performance grinding ensures production savings and reduced downtime - The cutting geometry reduces heat build up at the cutting edge and workpiece - CNC machined burs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SA-5 INOX	1/2	1	2-3/4	1/4	11	1	354151

Carbide burr

## SA-DC



### Applications:

- Steel ●
- Alloyed steels ●

The universal bur geometry is designed for general purpose applications. Some features and benefits are: Advanced cutting geometry - Allows for rapid stock removal - Increases production output - Efficiently removes material smoothly - CNC machined burs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SA1-DC	1/4	5/8	2	1/4	6	1	353640
SA-3DC	3/8	3/4	2-1/2	1/4	6	1	353656
SA-7DC	3/4	1	2-3/4	1/4	6	1	353657
SA-5DC	1/2	1	2-3/4	1/4	6	1	353658



Carbide burr

## SB-NF



### Applications:

Aluminium	●
Plastic	●

The non-ferrous (aluminum cut) bur geometry is designed for maximum stock removal on non-ferrous and plastic materials. Some features and benefits are: Specific developed cutting geometry - Allows for rapid stock removal on non-ferrous and plastic materials - Avoids clogging - Ensures smooth cutting operation - CNC machined burrs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SB-3NF	3/8	3/4	2-1/2	1/4	3	1	354156

Carbide burr

## SB-DC



### Applications:

Steel	●
Alloyed steels	●

The universal bur geometry is designed for general purpose applications. Some features and benefits are: Advanced cutting geometry - Allows for rapid stock removal - Increases production output - Efficiently removes material smoothly - CNC machined burrs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SB-1DC	1/4	5/8	2	1/4	6	1	353700
SB-3DC	3/8	3/4	2-1/2	1/4	6	1	353699
SB-6DC	5/8	1	2-3/4	1/4	6	1	353697
SB-5DC	1/2	1	2-3/4	1/4	6	1	353698

# Carbide burrs

Carbide burr

## SC-INOX



**Applications:**

- Stainless steel ●
- Chrome and nickel steels ●

Inox range burs have specially designed geometry to suit the growing market demands for stainless steel applications. This line of burs is a cost effective alternative to standard solutions due to the greater rate of stainless steel stock removal and on ferritic, austenitic & martensitic based materials. Some features and benefits are: - Developed cutting geometry generates high stock removal on Inox components - High performance grinding ensures production savings and reduced downtime - The cutting geometry reduces heat build up at the cutting edge and workpiece - CNC machined burs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints -

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SC-5 INOX	1/2	1	2-3/4	1/4	11	1	354150

Carbide burr

## SC-NF



**Applications:**

- Aluminium ●
- Plastic ●

The non-ferrous (aluminum cut) bur geometry is designed for maximum stock removal on non-ferrous and plastic materials. Some features and benefits are: Specific developed cutting geometry - Allows for rapid stock removal on non-ferrous and plastic materials - Avoids clogging - Ensures smooth cutting operation - CNC machined burs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SC-5NF	1/2	1	2-3/4	1/4	3	1	354155



Carbide burr

## SC-DC



### Applications:

Steel	●
Alloyed steels	●

The universal bur geometry is designed for general purpose applications. Some features and benefits are: Advanced cutting geometry - Allows for rapid stock removal - Increases production output - Efficiently removes material smoothly - CNC machined burrs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SC-1DC	1/4	5/8	2	1/4	6	1	353718
SC-3DC	3/8	3/4	2-1/2	1/4	6	1	353719
SC-5DC	1/2	1	2-3/4	1/4	6	1	353720

Carbide burr

## SD-NF



### Applications:

Aluminium	●
Plastic	●

The non-ferrous (aluminum cut) bur geometry is designed for maximum stock removal on non-ferrous and plastic materials. Some features and benefits are: Specific developed cutting geometry - Allows for rapid stock removal on non-ferrous and plastic materials - Avoids clogging - Ensures smooth cutting operation - CNC machined burrs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SD-3NF	3/8	1/4	2-1/8	1/4	3	1	354154

# Carbide burrs

Carbide burr

## SD-DC



### Applications:

Steel	●
Alloyed steels	●

The universal bur geometry is designed for general purpose applications. Some features and benefits are: Advanced cutting geometry - Allows for rapid stock removal - Increases production output - Efficiently removes material smoothly - CNC machined burrs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SD-7DC	3/4	1/4	2-1/2	1/4	6	1	353759
SD-5DC	1/2	1/4	2-1/4	1/4	6	1	353760
SD-3DC	3/8	1/4	2-1/8	1/4	6	1	353761

Carbide burr

## SE-DC



### Applications:

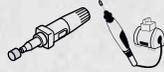
Steel	●
Alloyed steels	●

The universal bur geometry is designed for general purpose applications. Some features and benefits are: Advanced cutting geometry - Allows for rapid stock removal - Increases production output - Efficiently removes material smoothly - CNC machined burrs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SE-3DC	3/8	5/8	2-3/8	1/4	6	1	353758
SE-5DC	1/2	7/8	2-5/8	1/4	6	1	353757

Carbide burr

## SF-INOX



### Applications:

- Stainless steel ●
- Chrome and nickel steels ●

Inox range burrs have specially designed geometry to suit the growing market demands for stainless steel applications. This line of burrs is a cost effective alternative to standard solutions due to the greater rate of stainless steel stock removal and on ferritic, austenitic & martensitic based materials. Some features and benefits are: - Developed cutting geometry generates high stock removal on Inox components - High performance grinding ensures production savings and reduced downtime - The cutting geometry reduces heat build up at the cutting edge and workpiece - CNC machined burrs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SF-5 INOX	2-3/4	1	2-5/16	1/4	11	1	354149

Carbide burr

## SF-NF



### Applications:

- Aluminium ●
- Plastic ●

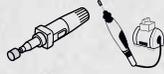
The non-ferrous (aluminum cut) bur geometry is designed for maximum stock removal on non-ferrous and plastic materials. Some features and benefits are: Specific developed cutting geometry - Allows for rapid stock removal on non-ferrous and plastic materials - Avoids clogging - Ensures smooth cutting operation - CNC machined burrs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SF-5NF	1/2	1	2-3/4	1/4	3	1	354153

# Carbide burrs

Carbide burr

## SF-DC



### Applications:

Steel	●
Alloyed steels	●

The universal burr geometry is designed for general purpose applications. Some features and benefits are: Advanced cutting geometry - Allows for rapid stock removal - Increases production output - Efficiently removes material smoothly - CNC machined burrs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SF-1DC	1/4	5/8	2	1/4	6	1	354136
SF-3DC	3/8	3/4	2-1/2	1/4	6	1	354135
SF-5DC	1/2	1	2-3/4	1/4	6	1	354132
SF-6DC	5/8	1	2-3/4	1/4	6	1	354134

Carbide burr

## SG-INOX



### Applications:

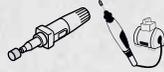
Stainless steel	●
Chrome and nickel steels	●

Inox range burrs have specially designed geometry to suit the growing market demands for stainless steel applications. This line of burrs is a cost effective alternative to standard solutions due to the greater rate of stainless steel stock removal and on ferritic, austenitic & martensitic based materials. Some features and benefits are: - Developed cutting geometry generates high stock removal on Inox components - High performance grinding ensures production savings and reduced downtime - The cutting geometry reduces heat build up at the cutting edge and workpiece - CNC machined burrs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SG-5 INOX	1/2	1	2-3/4	1/4	11	1	354148

Carbide burr

## SG-DC



### Applications:

Steel	●
Alloyed steels	●

The universal bur geometry is designed for general purpose applications. Some features and benefits are: Advanced cutting geometry - Allows for rapid stock removal - Increases production output - Efficiently removes material smoothly - CNC machined burrs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SG-1DC	1/4	5/8	2	1/4	6	1	354131
SG-3DC	3/8	3/4	2-1/2	1/4	6	1	354130
SG-5DC	1/2	1	2-3/4	1/4	6	1	354129

Carbide burr

## SH-DC



### Applications:

Steel	●
Alloyed steels	●

The universal bur geometry is designed for general purpose applications. Some features and benefits are: Advanced cutting geometry - Allows for rapid stock removal - Increases production output - Efficiently removes material smoothly - CNC machined burrs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SH-5DC	1/2	1-1/4	3	1/4	6	1	354128

# Carbide burrs

Carbide burr

## SL-INOX



### Applications:

- Stainless steel ●
- Chrome and nickel steels ●

Inox range burrs have specially designed geometry to suit the growing market demands for stainless steel applications. This line of burrs is a cost effective alternative to standard solutions due to the greater rate of stainless steel stock removal and on ferritic, austenitic & martensitic based materials. Some features and benefits are: Developed cutting geometry generates high stock removal on Inox components - High performance grinding ensures production savings and reduced downtime - The cutting geometry reduces heat build up at the cutting edge and workpiece - CNC machined burrs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SL-4 INOX	1/2	1-1/8	2-7/8	1/4	11	1	354161

Carbide burr

## SL-NF



### Applications:

- Aluminium ●
- Plastic ●

The non-ferrous (aluminum cut) bur geometry is designed for maximum stock removal on non-ferrous and plastic materials. Some features and benefits are: Specific developed cutting geometry - Allows for rapid stock removal on non-ferrous and plastic materials - Avoids clogging - Ensures smooth cutting operation - CNC machined burrs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SL-4NF	1/2	1-1/8	2	1/4	3	1	354152

Carbide burr

## SL-DC



### Applications:

Steel	●
Alloyed steels	●

The universal bur geometry is designed for general purpose applications. Some features and benefits are: Advanced cutting geometry - Allows for rapid stock removal - Increases production output - Efficiently removes material smoothly - CNC machined burrs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SL-1DC	1/4	5/8	2	1/4	6	1	354133
SL-3DC	3/8	1-1/16	2-3/4	1/4	6	1	354127
SL-4DC	1/2	1-1/8	2-7/8	1/4	6	1	354126

Carbide burr

## SM-DC



### Applications:

Steel	●
Alloyed steels	●

The universal bur geometry is designed for general purpose applications. Some features and benefits are: Advanced cutting geometry - Allows for rapid stock removal - Increases production output - Efficiently removes material smoothly - CNC machined burrs have a high consistent quality - Manufactured to strict quality control standards and incorporates 100% inspection of brazed joints

Shape specification	Diameter	Height	Length	Shaft diameter	Cut	Packing unit/pcs.	Article number
SM-2DC	1/4	3/4	2	1/4	6	1	354160
SM-3DC	1/4	1	2-1/2	1/4	6	1	354159
SM-4DC	3/8	5/8	2-3/8	1/4	6	1	354158
SM-5DC	1/2	7/8	2-5/8	1/4	6	1	354157



# D.I.Y. range



## The new Klingspor D.I.Y. range in user friendly packaging

The relevant grit ranges and assortments in customised packing units. Uniform packing design, precise product identification for quick access.

Coated abrasives – the ideal presentation: Klingspor offers a display system for an attractive and sales promoting presentation of the products. The compact space saving display packaging allows an efficient use of the sales area.

Klingspor expert advisers are at your disposal.

Type	Machines							Material applications							Page		
	Hand sanding and finishing	Hand block	Orbital sander	Hand tool belt grinder	Portable belt sander	Angle grinderr	Random orbital sander	Delta sander	Steel	Stainless steel	Paint / varnish / fillers	Wood	Metals	NF metals		Plastics	Glass / stone
<i>PL 31 B</i>	●	●	●								●	●	○				324
<i>PS 11 A</i>	●										●			○	●	○	327
<i>PS 11 C</i>	●										●			○	●	○	327
<i>PL 31 B</i>	●										●	●	○				328
<i>PS 22 K</i>			●							○	○	●	●		○		328
<i>LS 309 XH</i>					●					○	●	●	●				324
<i>CS 310 X</i>					●				●	●		●	●				325
<i>CS 561</i>						●			●	○		○	●	●	○		326
<i>PS 22 K</i>							●			○	○	●	●		○		329
<i>PS 22 K</i>								●		○	○	●	●		○		330
<i>PS 33 BK</i>							●				●	●			○		330
<i>PS 33 CK</i>							●				●	●			○		331

● = main application ○ = possible application

## D.I.Y. range

Finishing paper

### PL 31 B D.I.Y. Packs



#### Properties

Bonding agent	Glue
Grain	Aluminium oxide
Coating	Semi-open
Backing	B-paper

#### Applications:

Paint/Varnish/Filler	●
Wood	●
Metals	○

**Advantages:** Product with optimal price-performance ratio - Optimized wear properties for hand sanding and hand-held machine sanding - Low clogging provides a long service life and a smooth surface finish

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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Article number
4-1/2 x 196-7/8	40	241817
4-1/2 x 196-7/8	60	241818
4-1/2 x 196-7/8	80	241819
4-1/2 x 196-7/8	120	241820
4-1/2 x 196-7/8	180	241821

196-7/8" = 5 meters

Abrasive cloth

### LS 309 XH D.I.Y. Packs



#### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	X-cotton

#### Applications:

Wood	●
Metals	●
NF metals	●
Paint/Varnish/Filler	○

**Advantages:** Special type for portable belt sanders - For universal use on wood, metal, paint and varnish - Large product mix of belts for all Standard machines

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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Belt joint	Article number
3 x 18	40	F5	9189
3 x 18	60	F5	9176
3 x 18	80	F5	9172
3 x 18	100	F5	9171
3 x 18	120	F5	7138
3 x 21	40	F5	7018





► Continuation of LS 309 XH D.I.Y. Packs, Abrasive cloth

Width x Length	Grit	Belt joint	Article number
3 x 21	50	F5	337411
3 x 21	60	F5	7019
3 x 21	80	F5	7020
3 x 21	100	F5	7021
3 x 21	120	F5	7022
3 x 21	150	F5	7023
3 x 21	180	F5	7077
3 x 24	40	F5	337404
3 x 24	50	F5	337401
3 x 24	60	F5	241744
3 x 24	80	F5	337405
3 x 24	120	F5	337399
4 x 24	40	F5	7080
4 x 24	50	F5	337398
4 x 24	60	F5	7081
4 x 24	80	F5	7082
4 x 24	100	F5	7083
4 x 24	120	F5	7084

Abrasive cloth

## CS 310 X D.I.Y. Packs



**Properties**

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close
Backing	X-cotton

**Applications:**

Stainless steel	●
Wood	●
Steel	●
NF metals	●
Plastic	○

**Advantages:** High-quality universal type for metalworking and woodworking - Good removal rate under high stress

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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Belt joint	Article number
3 x 21	24	F5	337406
3 x 21	36	F5	337407
3 x 24	24	F5	337408
3 x 24	36	F5	337409
4 x 24	24	F5	337410
4 x 24	36	F5	337412

# D.I.Y. range

Abrasive fibre disc

## CS 561 D.I.Y. Packs



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Close

### Applications:

Steel	●	Stainless steel	○
NF metals	●	Wood	○
Metals	●		
Plastic	○		

**Advantages:** For universal use - Largest selection of diameters, grit sizes and hole patterns

### 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	Grit	Hole pattern	Article number
4-1/2 x 7/8	24	⊗ 30	255905
4-1/2 x 7/8	40	⊗ 30	255906
4-1/2 x 7/8	60	⊗ 30	255907
4-1/2 x 7/8	80	⊗ 30	255908
4-1/2 x 7/8	120	⊗ 30	255909
5 x 7/8	24	⊗ 30	255910
5 x 7/8	40	⊗ 30	255911
5 x 7/8	60	⊗ 30	255912
5 x 7/8	80	⊗ 30	255913
5 x 7/8	120	⊗ 30	255914



Abrasive paper, waterproof

## PS 11 C D.I.Y. Packs



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	C-paper

### Applications:

Paint/Varnish/Filler	●
Plastic	●
Glass/Stone	○
Metals	○

**Advantages:** Special product for auto repair and painting - For hard and tough surfaces - Good adaptation and high stability - Wet and dry sanding

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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Article number
9 x 11	120	241787
9 x 11	180	241789

Abrasive paper, waterproof

## PS 11 A D.I.Y. Packs



### Properties

Bonding agent	Resin
Grain	SiC
Coating	Close
Backing	A-paper

### Applications:

Paint/Varnish/Filler	●
Plastic	●
Glass/Stone	○
Metals	○

**Advantages:** Special product for auto repair and painting - For hard and tough surfaces - Good adaptation and high stability - Wet and dry sanding

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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Article number
9 x 11	240	241790
9 x 11	400	241791

## D.I.Y. range

Finishing paper

### PL 31 B D.I.Y. Packs



#### Properties

Bonding agent	Glue
Grain	Aluminium oxide
Coating	Semi-open
Backing	B-paper

#### Applications:

Paint/Varnish/Filler	●
Wood	●
Metals	○

**Advantages:** Product with optimal price-performance ratio - Optimized wear properties for hand sanding - Very fine surface scratch pattern

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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Article number
9 x 11	40	241776
9 x 11	60	241777
9 x 11	80	241778
9 x 11	120	241779
9 x 11	240	241780

Abrasive paper, self-fastening (Hook & Loop)

### PS 22 K D.I.Y. Packs



#### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	E-paper

#### Applications:

Wood	●	Plastic	○
Metals	●		
Stainless steel	○		
Paint/Varnish/Filler	○		

**Advantages:** High removal rate - Uniform scratch pattern

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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Hole pattern	Article number
4-1/2 x 9	40	GL 15	241663
4-1/2 x 9	60	GL 15	241664
4-1/2 x 9	80	GL 15	241665
4-1/2 x 9	120	GL 15	241666
4-1/2 x 9	180	GL 15	241667



Abrasive paper, self-fastening (Hook & Loop)

## PS 22 K D.I.Y. Packs



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	E-paper

### Applications:

Wood	●	Plastic	◐
Metals	●		
Stainless steel	◐		
Paint/Varnish/Filler	◐		

**Advantages:** Universal abrasive disc for metalworking and woodworking - Uniform surface scratch pattern - Available in many grit sizes and dimensions

### 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	Grit	Hole pattern	Article number
4-1/2	40	○ 0 - no hole	278805
4-1/2	60	○ 0 - no hole	278806
4-1/2	80	○ 0 - no hole	278807
4-1/2	120	○ 0 - no hole	278808
4-1/2	180	○ 0 - no hole	278809
4-1/2	80	⊗ GLS 4 - 8 hole	243220
5	40	⊗ GLS 5 - 8 hole	241614
5	60	⊗ GLS 5 - 8 hole	241625
5	80	⊗ GLS 5 - 8 hole	241626
5	120	⊗ GLS 5 - 8 hole	241627
5	180	⊗ GLS 5 - 8 hole	241628
6	40	⊗ GLS 5 - 6 hole	241649
6	60	⊗ GLS 5 - 6 hole	241650
6	80	⊗ GLS 5 - 6 hole	241651
6	120	⊗ GLS 5 - 6 hole	241652
6	180	⊗ GLS 5 - 6 hole	241653
6	40	⊗ GLS 51 16 + 1 hole	319068
6	60	⊗ GLS 51 16 + 1 hole	319069
6	80	⊗ GLS 51 16 + 1 hole	319070
6	120	⊗ GLS 51 16 + 1 hole	319071
6	180	⊗ GLS 51 16 + 1 hole	319073

## D.I.Y. range

Abrasive paper, self-fastening (Hook & Loop)

### PS 22 K D.I.Y. Packs Set



#### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	E-paper

#### Applications:

Wood	●	Plastic	○
Metals	●		
Stainless steel	○		
Paint/Varnish/Filler	○		

**Advantages:** Universal abrasive disc for metalworking and woodworking - Uniform surface scratch pattern - Available in many grit sizes and dimensions

**Set discs:** Assortments in two pieces grit 40, two pieces grit 80 and two pieces grit 120

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
----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	------	------	------	------

Width x Length	Grit	Hole pattern	Article number
3-3/4	several grain sizes	△ GLS 15	241662
5	several grain sizes	⊙ GLS 5 - 8 hole	241630
6	several grain sizes	⊙ GLS 51 16 + 1 hole	319072

Abrasive paper, self-fastening (Hook & Loop)

### PS 33 CK D.I.Y. Packs



#### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	C-paper

#### Applications:

Paint/Varnish/Filler	●
Wood	●
Plastic	○

**Advantages:** High removal rate - For diverse applications

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	Grit	Hole pattern	Article number
5	40	⊙ GLS 5 - 8 hole	336459
5	60	⊙ GLS 5 - 8 hole	336460
5	80	⊙ GLS 5 - 8 hole	336461
5	100	⊙ GLS 5 - 8 hole	336462
5	120	⊙ GLS 5 - 8 hole	336463
6	40	⊙ GLS 5 - 6 hole	336477
6	60	⊙ GLS 5 - 6 hole	336470
6	80	⊙ GLS 5 - 6 hole	336471
6	100	⊙ GLS 5 - 6 hole	336472
6	120	⊙ GLS 5 - 6 hole	336473



Abrasive paper, self-fastening (Hook & Loop)

## PS 33 BK D.I.Y. Packs



### Properties

Bonding agent	Resin
Grain	Aluminium oxide
Coating	Semi-open
Backing	B-paper

### Applications:

Paint/Varnish/Filler	●
Wood	●
Plastic	○



**Advantages:** High removal rate - For diverse applications

### 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	Grit	Hole pattern	Article number
5	150	☉ GLS 5 - 8 hole	336464
5	180	☉ GLS 5 - 8 hole	336465
5	240	☉ GLS 5 - 8 hole	336467
5	320	☉ GLS 5 - 8 hole	336468
5	400	☉ GLS 5 - 8 hole	336469
6	150	☉ GLS 5 - 6 hole	336475
6	180	☉ GLS 5 - 6 hole	336476
6	220	☉ GLS 5 - 6 hole	336478
6	240	☉ GLS 5 - 6 hole	336474
6	320	☉ GLS 5 - 6 hole	336479
6	400	☉ GLS 5 - 6 hole	336480

# Safety recommendations

## Applications guide

### General Principles of Safety

Abrasive products improperly used can be very dangerous.

- ▶ Always follow the instructions provided by the abrasive product and machine supplier.
- ▶ Ensure that the abrasive product is suitable for its intended use. Examine all abrasive products for damage or defects before mounting.
- ▶ Follow the correct procedures for handling and storage of abrasive products.

Be aware of the hazards likely during the use of abrasive products and observe the

recommended precautions to be taken:

- ▶ Bodily contact with the abrasive product at operating speed.
- ▶ Injury resulting from product breakage during use.
- ▶ Grinding debris, sparks, fumes and dust generated by the grinding process.
- ▶ Noise
- ▶ Vibration

Use only abrasive products conforming to the highest standards of safety. These products will bear the relevant EN standard number and/or the inscription "oSa":

- ▶ EN 12413 for Bonded Abrasives.
- ▶ EN 13236 for Superabrasives.
- ▶ EN 13743 for Specific Coated Abrasives (vulcanised fibre discs, flap wheels, flap discs and spindle-mounted flap wheels).

Never use a machine that is not in good working order or one with defective parts. Employers should carry out a risk assessment on all individual abrasive processes to determine the appropriate protective measures necessary. They should ensure that their employees are suitably trained to carry out their duties.

More detailed information on the safe use of abrasive products, comprehensive Safety Codes are available from FEPA or your National Trade Association.

- ▶ FEPA Safety Code for Bonded Abrasives and Precision Superabrasives.
- ▶ FEPA Safety Code for Superabrasives for Stone and Construction.
- ▶ FEPA Safety Code for Coated Abrasives.

### Precautions against likely hazards

#### Bodily contact with the abrasive product

- ▶ Always take great care and attention when using abrasive products. Tie back long hair and do not wear loose clothing, ties and jewellery.
- ▶ Prevent accidental start up of the machine before mounting or changing an abrasive product. Isolate machines from their power source where necessary.
- ▶ Never remove guards from machines where fitted and ensure they are in good condition and properly adjusted before starting the machine.
- ▶ Always use gloves and suitable clothing where the workpiece or machine is handheld. For gloves, a minimum protection level of EN 388 Category 2 is recommended.
- ▶ After switching off the machine, ensure the product has come to rest before leaving the machine unattended.

### Injury caused by product breakage

- ▶ Always handle abrasives with great care, they are easily damaged. Examine all products for defects or damage before use.
- ▶ Store abrasives in dry, frost-free conditions avoiding wide variations in temperature. Ensure they are properly protected and supported to prevent damage and distortion.
- ▶ Coated abrasives should be stored at 18-22° C, 45-65% relative humidity.
- ▶ Abrasive belts should be hung on a rod or peg not less than 50mm diameter.
- ▶ Never use an abrasive product beyond its expiry date where marked. Observe the recommended shelf life for the following specific products; Resinoid and Shellac products 3 years, Rubber products 5 years, Vitriified products 10 years.
- ▶ Check abrasive product or package for any warnings or other safety information.
- ▶ Ensure that the correct abrasive product is selected. Never use a product if it cannot be properly identified.
- ▶ Follow the instructions provided by the abrasive product or machine supplier when mounting abrasive products. Observe any mounting indications marked on the product such as direction of run or mounting position.
- ▶ Never force the abrasive product onto the mounting fixture or modify it to fit.
- ▶ Never exceed the maximum operating speed where specified.
- ▶ Check that the correct mounting devices are used and that they are undistorted, clean and free from burrs.
- ▶ Use mounting blotters where supplied.
- ▶ Do not tighten the mounting device excessively.
- ▶ After mounting or re-mounting an abrasive product, conduct a trial run at operating speed with the guard in place for at least 30 seconds, standing clear of the machine before use.
- ▶ Never remove guards from machines where fitted and ensure they are in good condition and properly adjusted.
- ▶ Ensure that the workpiece is secure and properly supported. Ensure that work rests are properly adjusted and secure.
- ▶ Never start the machine with the workpiece in contact with the abrasive product.
- ▶ Never apply excessive force or shock to the abrasive product or let it overheat.
- ▶ Do not grind on the part of the product that is not designed for the operation
- ▶ Avoid grinding with the edge of abrasive belts, use the centre of the belt if possible.
- ▶ Avoid clogging and uneven wear to ensure that the abrasive product is working efficiently. Dress frequently where appropriate.
- ▶ Let the abrasive product stop naturally, not by applying pressure to its surface.
- ▶ Turn off and spin out excess coolant before stopping the machine.
- ▶ Do not leave abrasive belts under tension when not in use.



Not permitted for handheld or manually-guided grinding



Do not use for wet grinding



Not permitted for face grinding



Do not use if damaged



Only permitted with a back-up pad



Use ear muffs



Observe safety instructions



Wear safety gloves to protect hands



Wear safety goggles or glasses to protect the eyes



Wear a dust mask



Only permitted for wet cutting



Only permitted for use on totally enclosed machines



### Grinding debris – sparks, dust and fumes

- ▶ Exposure to dust generated from workpiece and/or abrasive materials can result in lung damage and/or other physical injury.
- ▶ All dry grinding processes should be provided with adequate extraction facilities.
- ▶ Do not use abrasive products near flammable materials.
- ▶ The use of respirators complying with EN149 is recommended for dry grinding processes even if extraction systems are provided.
- ▶ Guards where provided should be adjusted to deflect sparks and debris away from the operator.
- ▶ Take additional measures to protect people working nearby.
- ▶ Eye protection is recommended for all machine applications for abrasives. For handheld machines or workpiece, goggles or full face shields are recommended.
- ▶ Eye protection with a minimum protection of EN166 Grade B is recommended.
- ▶ Ensure that the correct abrasive product is selected. An unsuitable product can produce excessive debris and dust.

### Noise

- ▶ Ear protection complying with EN352 is recommended for all applications where the workpiece or machine is handheld, irrespective of the noise level.
- ▶ Ensure that the correct abrasive product is selected. An unsuitable product can produce excessive noise.

### Vibration

- ▶ Processes where the workpiece or machine is handheld can cause vibration injury.
- ▶ Action needs to be taken if tingling, pins and needles or numbness is experienced after 10 minutes continuous use of the abrasive product.
- ▶ The effects of vibration are more pronounced in cold conditions so keep the hands warm and exercise hands and fingers regularly. Use modern equipment with low vibration levels.
- ▶ Maintain all equipment in good condition and stop the machine and have it checked if excessive vibration occurs.
- ▶ Use good quality abrasive products and keep them in good condition during their life.
- ▶ Maintain mounting flanges and backing pads in good condition and replace if worn or distorted.
- ▶ Do not grip the workpiece or machine too tightly and do not exert excessive pressure on the abrasive product.
- ▶ Avoid continuous use of the abrasive product.
- ▶ Use the correct product. An unsuitable product can produce excessive vibration.
- ▶ Don't ignore the physical symptoms of vibration – seek medical advice.

### Disposal of abrasives

- ▶ Used or defective abrasives should be disposed in accordance with local or national regulations.
- ▶ Further information can be obtained from material safety data sheets provided by the supplier.
- ▶ Be aware that the abrasive product may be contaminated with material from the workpiece or process after use.
- ▶ Disposed abrasive products should be damaged to prevent them from being taken from waste skips and re-used.

## SAFETY RECOMMENDATIONS FOR THE USE OF ABRASIVE BELTS:

### 1. General safety recommendations

- ▶ Ensure that quality and dimensions of the belt are correct for the machine and type of application. Refer to the machine manufacturer's instructions.
- ▶ Do not use near easily flammable material.
- ▶ Prevent long hair, loose clothes or jewellery from getting into contact with the machine and being pulled in. Take precautionary measures.
- ▶ Ensure that people nearby are protected from chips, sparks, debris, fumes, dust or noise. Belt grinding operations may produce high concentrations of dust, gas or mist, which can represent a health hazard as well as a risk of explosion.
- ▶ Do not open the guard or put down the machine until the belt has come to a complete standstill.

### 2. Specific safety recommendations

- ▶ Abrasive belts can tear. Please take precautions against risks by tearing of belt (e.g. protective clothing and devices, safety equipment of machinery).
- ▶ Abrasive machines, which do not have a completely closed guard require comprehensive protective equipment of the user (e.g. protective gloves, leather aprons, face shield, dust mask).
- ▶ Check the locking mechanism of the machine cover. Do not remove guards. Any contact with running belts can result in serious injuries.
- ▶ When mounting, refer to direction of running advice, if necessary.
- ▶ Make sure the workpiece is held correctly or is mechanically secured.
- ▶ Start the machine and wait until belt has reached its full operational speed before grinding.
- ▶ Belts should only be used dry unless specified as suitable for wet grinding (please contact the manufacturer if in any doubt).
- ▶ Use the centre of the belt, if possible, and grind as flat as possible. Avoid grinding with the edge of the belt as well as strong punctual loading e.g. through sharp or sharp-edged workpieces.
- ▶ Do not exert excessive pressure and prevent the belt from overheating.
- ▶ Check the belts in use periodically for wear and tear or damage (e.g. cracks at edges, fracturing or strong wear and tear in the joint) and replace the belts if necessary.

Due to the extraordinary variety of applications and machine constructions, these recommendations are limited to basic aspects of safety. Further safety regulations and instructions can be taken from the respective legislation, decrees and technical standards.

# General Terms and Conditions of Trade

("Terms of Sale")

## 1. General Information – Application of Terms of Sale

- (1) Our Terms of Sale are the only terms of sale which apply to all transactions. We do not acknowledge additional or revised terms or conditions of sale, unless we previously have agreed to such additional or revised terms in writing.
- (2) All agreements made between us and a purchaser for the sale of goods are deemed to include these Terms of Sale.
- (3) Our terms of sale also shall apply to all further sale transactions with a purchaser even if such transactions are not in writing.

## 2. Bid – Bid Materials

- (1) If an order is submitted in the form of a bid, we shall have fourteen (14) days after receipt of the bid to either accept or reject the order.
- (2) We retain all intellectual property ownership rights including copyright applicable to all illustrations, drawings, estimates and all other related documentation associated with a bid, including all documents classified as "confidential". Before disclosing any of our intellectual property to third parties, the purchaser shall obtain our express written permission to such disclosure.

## 3. Prices – Payment Conditions, Packaging, Shipping

- (1) Unless indicated otherwise in the order confirmation, our prices are "ex works prices", including packaging. If custom packaging is required, the customer is responsible for the additional costs of such custom packaging in addition to the ex works prices.
- (2) We reserve the right to change our prices as a consequence of increases or decreases in our costs after the date of the sale of goods contract, in particular as a consequence of changes in wages or material costs.
- (3) We package all goods with our choice of packaging materials suitable for the means of transportation.
- (4) We select the means of transportation, unless other agreed in writing with the purchaser. Prepaid freight is available with our choice of carrier, contact our customer service department for prepaid level. The purchaser bears all costs for special shipping arrangements, including express or next day shipping arrangements.
- (5) Upon the purchaser's request, we will cover the shipment of goods with a transportation insurance policy provided that the purchaser bears all costs for such insurance policy.
- (6) Unless specified in the sale of goods order the net purchase price (without deductions) is due within thirty (30) days from the invoice date.
- (7) No discounts shall apply unless expressly agreed in writing.
- (8) We confirm our rights as an unpaid seller under Part IV of the Sale of Goods Act (Ontario).

## 4. Passing of Risk

All risk associated with the goods is passed to and assumed by the purchaser upon the transfer of the goods to the forwarding agent or carrier at our premises, and in any event, upon leaving our premises, unless other conditions have been expressly agreed upon in writing.

## 5. Delivery Time

- (1) The confirmation of the delivery time of the goods is dependent upon full disclosure and clarification by the purchaser of all technical questions affecting the goods and the delivery of the goods to the purchaser.
- (2) In addition, compliance with our delivery obligation is conditional upon the timely and proper fulfillment of the purchaser's obligations, failing which we shall have no obligation to deliver the goods.
- (3) If the purchaser delays its acceptance of the goods, or knowingly is in default of any of the purchaser's obligations, we shall have the right to claim damages, including additional expenses resulting from such default and we reserve the right to claim any other damages resulting from such default by the purchaser.
- (4) If the purchaser is in default under paragraph (3) above, the risk of loss or the deterioration of the purchased goods passes to the purchaser immediately upon such default in acceptance or payment.
- (5) Delivery and shipping dates reflect our estimate based on production requirements.
- (6) We shall be liable if a delay and delivery arises from an intentional or grossly negligent breach by us for which we are liable. If the delay and delivery does not arise from an intentional default by us, the liability for damages is limited to special damages.
- (7) We also shall be liable if the delay in delivery arises from default of a major contractual obligation by us, provided that, such liability for damages is limited to special damages.

## 6. Liability for defects

- (1) We give no implied warranty or condition as to the quality or fitness for any particular purpose of goods supplied to the purchaser and there are no representations or warranties regarding the goods supplied to the purchaser except as expressly set out in these Terms of Sale.
- (2) The purchaser shall carry out appropriate test procedures with random samplings, before using the delivered goods for the intended purpose. Slight discrepancies in the colour of our products are not considered a defect.
- (3) If a defect in the purchased goods is detected we have a choice of correcting the defect or substituting new replacement goods to the purchaser.

# General Terms and Conditions of Trade

("Terms of Sale")



- (4) If, after the substitution or correction of defective goods, the goods are still defective, the purchaser shall have the option of either withdrawing from the contract or claiming a reduction in the purchase price.
- (5) If the purchaser is entitled to damages instead of repeat performance, our liability for damages is limited to special damages.
- (6) In the case of coated abrasives delivered on large rolls (jumbo rolls), we will compensate those portions with discrepancies recognized by us by the addition of at least an equivalent amount of material which is free of defects.

## 7. Return Goods Policy

- (1) Merchandise returns are subject to the following conditions:
- (2) The returned product(s) must be authorized by Klingspor and accompanied by a claim number
- (3) The product(s) must be standard stock items
- (4) The product(s) must have been purchased within the previous 12 months
- (5) The product(s) must be in their original package(s) and in re-salable condition
- (6) The product(s) must be returned via prepaid delivery
- (7) A restocking charge of 15% will be applied to all returns and subsequently billed to the customer

## 8. Limited Warranty

- (1) We warrant that the goods delivered to a purchaser are of the type specified and conform to our specifications, or to Buyer's specifications if agreed to in writing by us, and shall be free from defects in material and workmanship when compared to the applicable specifications. We shall not be responsible or liable for any consequential damages or costs of any nature, including but not limited to, freight, labour costs, lost profits, economic loss of any kind, downtime, personal injury or death, or any other loss or damage to person(s) or property and shall be liable only to the extent of the purchase price of the goods. This limited warranty does not cover goods damaged after being shipped by us to the purchaser or any claim which is not directly due to defects in original material or workmanship of the goods. This limited warranty does not apply to goods altered or repaired by any party other than us.
- (2) This limited warranty is the only warranty given by us and is in lieu of all other warranties either expressed or implied by statute, at common law, or otherwise.

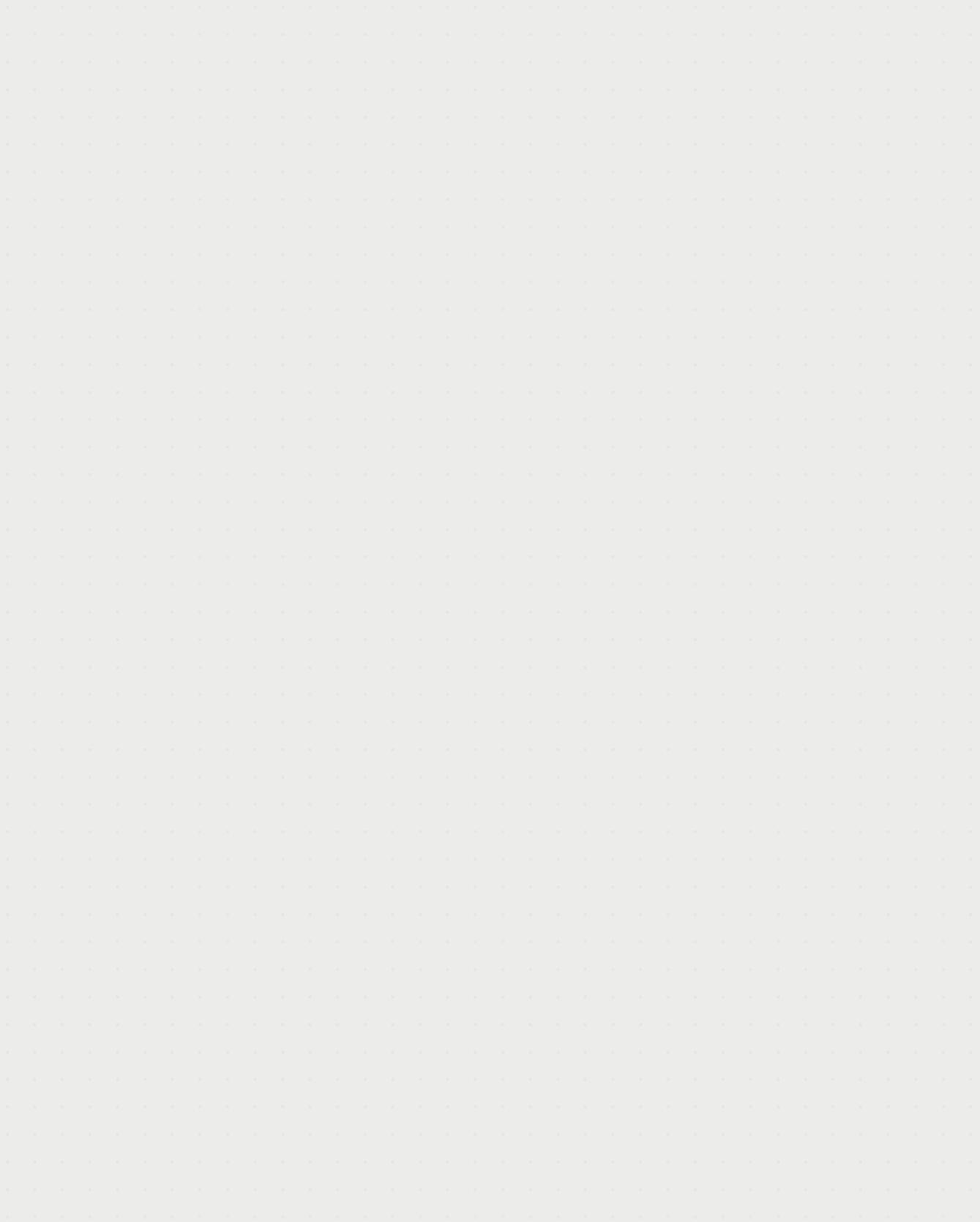
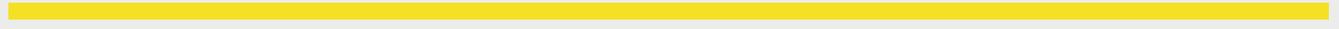
## 9. Jurisdiction or Applicable Law

This Agreement shall be governed by and interpreted in accordance with the laws of the Province of Ontario and the laws of Canada and the parties shall submit to the jurisdiction of the Courts of the Province of Ontario. Any provision hereof prohibited by law shall be ineffective to the extent of such prohibition, without invalidating the remaining provisions hereof.

KLINGSPOR Inc.

We are not liable for misprints.

# Notes



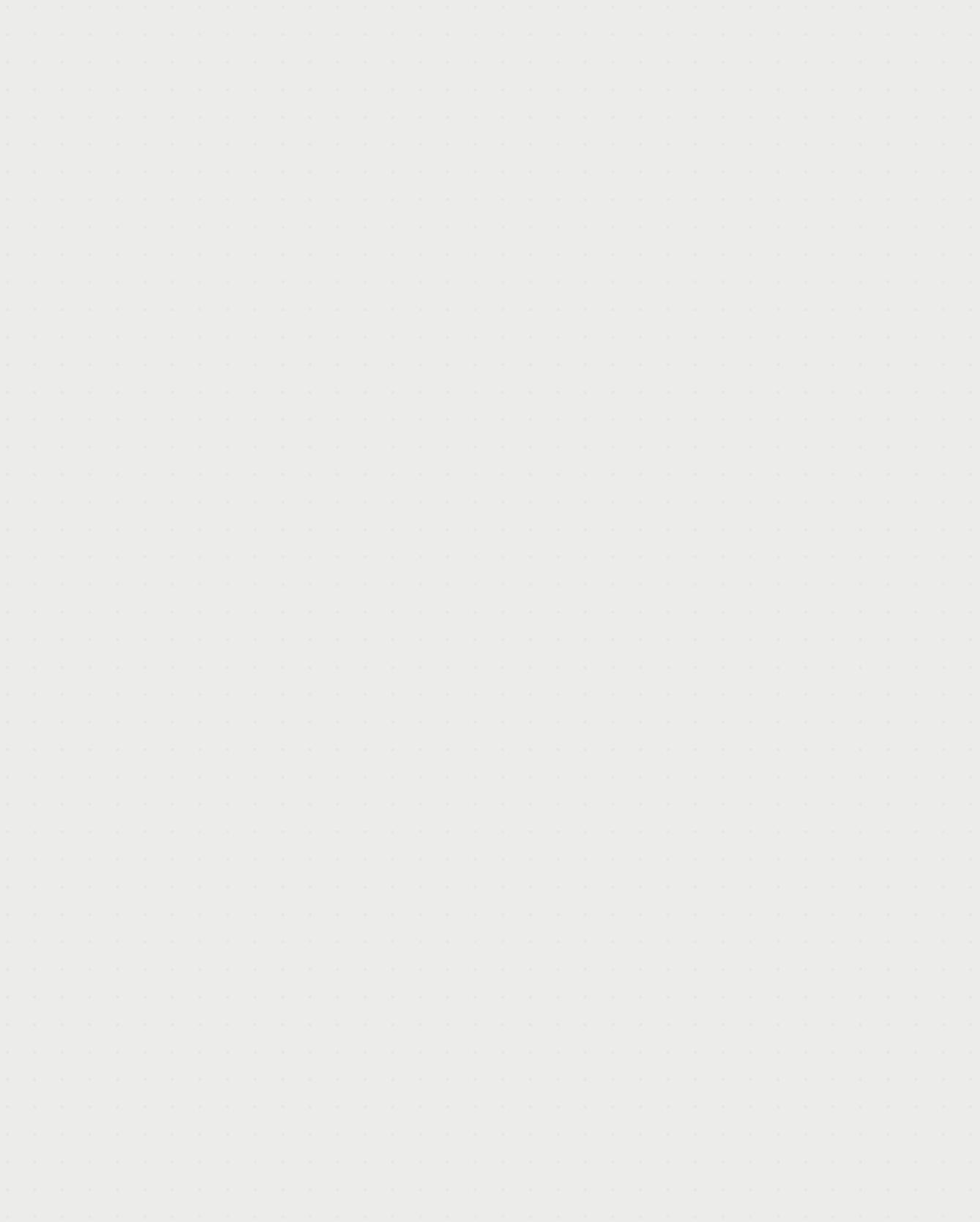
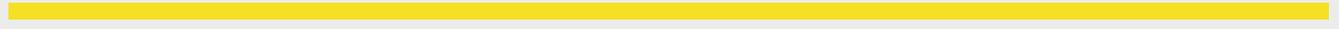
# Notes



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# Notes



**Klingspor N.V. / S.A.**

Herent, België / Belgique

**Клингспор България ЕООД**

София, България

**KLINGSPOR Brusivo, spol.sr.o.**

Brno, Česká republika

**Klingspor A/S**

Kolding, Danmark

**Klingspor Schleifsysteme GmbH & Co. KG**

Haiger, Deutschland

**Klingspor Abrasivos S.A.**

Alcobendas (Madrid), España

**Klingspor S.A.S.**

Le Perray en Yvelines, France

**Klingspor Abrasives Limited**

Workshop, Nottinghamshire  
Great Britain

**Klingspor S.R.L**

Brescia, Italia

**Klingspor Magyarország Kft.**

Budapest, Magyarország

**Klingspor B.V.**

Sittard, Nederland

**Klingspor Schleifwerkzeuge Gesmbh**

Wien, Österreich

**Klingspor Sp. z o.o.**

Bielsko, Polska

**Klingspor Sp. z o.o.**

Kozy, Polska

**Klingspor România SRL**

Pantelimon, Ilfov, România

**Клингспор ООО**

Москва, Россия

**Klingspor d.o.o. Beograd**

Beograd, Republika Srbija

**Klingspor Suisse GmbH**

Bubendorf, Suisse

**Клингспор ТОВ**

Великі Мости, Львівська обл.,  
Україна

**Klingspor Inc.**

Stoney Creek, Ontario, Canada

**Klingspor Abrasivos S.A. de C.V.**

Tijuana, Mexico

**Klingspor Abrasives, Inc.**

Hickory, North Carolina, USA

**Klingspor Qingdao Ltd.**

Qingdao, P.R. China

**Klingspor Abrasive (Shanghai) Co. Ltd.**

Shanghai, P.R. China

**Klingspor India Private Limited**

Pune, India

**Klingspor PTE LTD**

Singapore, Singapore

**Klingspor PTE LTD**

Bangkok, Ratcha-anachak Thai

**Klingspor Middle East FZCO**

Dubai, United Arab Emirates

**Klingspor Vietnam Limited**

Ho Chi Minh City, Vietnam

**Klingspor Argentina SRL**

Partido Belén de Escobar,  
Argentina

**Klingspor Abrasivos Industriais Ltd**

Pinhais, Brasil

**Comercial Klingspor Chile Ltda.**

Pudahuel, Santiago, Chile

**Klingspor SAC**

Lima, Perú

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**Klingspor Australia Pty Ltd**

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